BARZILLA W. CLARK, GOVERNOR

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

R. W. FARIS, COMMISSIONER

BOISE

PAUL L. HENRY
DEPUTY COMMISSIONER

February 1, 1938

HON. BARZILLIA W. CLARK
Governor of Idaho
Boise, Idaho

Sir:

There is transmitted herewith the annual report of Lynn Crandall, watermaster and special deputy commissioner of reclamation of Water District No. 36, for the year 1937, covering his operations in the distribution and handling of water in that District in cooperation with the United States Geological Survey, the water users and this department.

I have not had an opportunity to read Mr. Crandall's report in full, but in view of the fact that not a single complaint has reached this office during the past season, I feel safe in assuring you that he has handled the distribution of water in his district in the same capable, efficient and economical manner as heretofore.

The water supply for this district was fairly adequate during the past irrigation season and better than average crops were produced. While prices for the various products were not entirely satisfactory, the increased production was, to some at least, a compensating feature.

Precipitation in the Upper Snake River Valley to date has been considerably above normal, and, with approximately 317,000 acre feet of water in storage in Jackson Lake, 1,130,000 acre feet in American Falls Reservoir and 66,000 in Lake Walcott, with anything like normal precipitation hereafter, an abundant water supply seems assured for next year's irrigation.

Very truly yours,

R. W. FARIS,
Commissioner of Reclamation

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

LYNN CRANDALL, WATERMASTER

IDAHO FALLS, IDAHO

WATER DISTRICT NO. 36

BARZILLA W. CLARK, GOVERNOR

R. W. FARIS, COMMISSIONER

January 1, 1938

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

Dear Sir:

I am transmitting herewith the annual report of water distribution on Snake River, in Water District No. 36 for the year 1937.

Under a cooperative agreement that has been in existence since 1919 the State of Idaho, the U. S. Geological Survey and the Snake River water users all contribute towards the cost of maintaining an office at Idaho Falls where the work of stream gaging and water distribution on Snake River is handled.

The river run-off in 1937 was somewhat below normal and a few of the canals suffered moderate shortages in water supply. Considering the district as a whole, however, the water supply was fairly adequate and there were no unusual difficulties encountered in its distribution.

The orderly and impartial distribution of water in the district has been made possible by the interest and cooperation in the work shown by the water users, individually and through the Committee of Nine, and by the faithful and efficient service of the various members of the operating organization. Your interest in the problems of the District is especially appreciated as also is the assistance rendered by W. V. Iorns and Effie C. Jones in the preparation of this report.

Very truly yours,

LYNN CRANDALL

Watermaster.

WATER DISTRICT NO. 36

1937

By Lynn Crandall

Watermaster

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INTRODUCTION

The annual watermaster election of District No. 36 was held at Idaho Falls on March 1, 1937 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:

W. O. Cotton, John E. Kelley, F. A. Miller, E. H. Neal, Eph Ricks, Hyrum Seversen, N. V. Sharp, R. E. Shepherd and Dana Templin (S. T. Lowe, alternate).

The committee members subsequently elected Frank A. Miller chairman, E. H. Neal vice-chairman and John Lee, secretary.

The meeting unanimously adopted the report of the Resolutions Committee which included provisions for stored water transmission losses as follows: 2.5% 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.

Pursuant to resolution adopted at the annual meeting the watermasters duties began on March 1, 1937 for a period of one year. He was also appointed Special Deputy Commissioner of Reclamation on June 3, 1937 to supervise the distribution of stored water in District 36 and on July 5, 1937 was instructed by the Commissioner of Reclamation to assume charge of water distribution in District 36C (Teton Basin) under the provisions of the original order creating that district.

The river run-off during 1937 was below normal at all stations, being 75% of normal at Moran and Heise stations, 63% of normal at Neeley and ranging from 66% to 93% of normal at various stations on Henrys Fork and tributaries. Due to large holdover from 1936, American Falls Reservoir filled on March 25, 1937 prior to the beginning of the irrigation season, and about 344,000 acre-feet of surplus water spilled past Milner from March 23 to May 31. The Idaho Power Co., by special permission of the U. S. Bureau of Reclamation, also discharged about 38,000 acre-feet of storage past Milner during the period Jan. 12-21 to meet a temporary power shortage, so that the total spill of surplus water past Milner for the year was 382,000 acre-feet.

Jackson Lake filled on June 18 by virtue of keeping the gates closed and storing water that should have been released to fill prior natural flow rights below American Falls. After crediting water so stored to the companies entitled to it, there remained 787,220 acre-feet of Jackson Lake water for allotment. This filled the bottom rights in full and 85% of the top rights. Henrys Lake yielded 27,469 acre-feet or 34% of its capacity.

The first cut on upper valley natural flow rights was made June 12 when flood water rights of 1916 priority were cut off, two weeks earlier than was the case in 1936. Rights throughout the season were cut to earlier priorities than on the same date in 1936, resulting in heavier storage drafts, particularly by upper valley canals. The low point was reached Sept. 20-23 when May 1, 1889 rights were cut off on the main river and Henrys Fork. Rights on Teton River were cut to 50% of June 1, 1884 priority after Aug. 20.

Ample supplies of stored water were available for rental at 50 cents per acre-foot by companies with a surplus above their own requirements. Some companies went on short water rations during the latter part of the season rather than purchase enough storage at this rate to give them a normal delivery, with some resultant shortage of crops, principally hay and pasture, under such canals. Taking the area of the District as a whole, however, an adequate water supply was delivered to 90% of the lands. Many of the shortages that occurred were on Henrys Fork and tributaries, where the situation can not be improved until completion of the Island Park Reservoir.

Weather conditions during the growing and harvest seasons were generally quite favorable with normal yields of most crops.

Storage deliveries ceased on Sept. 30, 1937 with holdovers at Jackson Lake of 232,020 acre-feet and at American Falls of 411,900 acre-feet, the combined holdovers in these reservoirs being 322,000 acre-feet less than on the same date a year before. Due to dry pleasant fall weather it was necessary to continue release of natural flow from Jackson Lake until Oct. 16, 1937 to fill requirements for fall irrigation above Blackfoot, on which date the Jackson Lake gates were closed and storage began for the 1938 season. Practically all available water in Henrys Lake down to the dead storage level was withdrawn by Sept. 30, 1937.

New measuring stations were installed in March 1937 on Snake River at the "Narrows" and Greys River near Alpine to secure records of water supply for the proposed "Narrows" reservoir. The cables and labor on installation were furnished by the Bureau of Reclamation. The Bureau of Reclamation continued for the third year its studies of inflow to the Island Park Reservoir. Water was turned through the diversion tunnel at the Island Park dam site on June 7, 1937 but owing to the large amount of ground-water inflow encountered at the dam site, when stripped, all of the summer and fall was devoted to grouting operations at the dam site, with the result of deferring construction of the dam itself for another year. Work was started on the Grassy Lake dam but the short working season there did not permit of its completion.

The Bureau of Reclamation made a detailed topographic survey of the "Narrows" dam site during the fall of 1937 to afford a basis for a cost estimate of a dam at that point. That Bureau made a filing with the Wyoming State Engineer during the past year on this site, which filing was held in abeyance by the State Engineer pending the negotiation of a water compact between Idaho and Wyoming.

The water compact committees appointed by the Governors of Wyoming and Idaho held several meetings during the year but were unable to agree upon any definite recommendations.

PERSONNEL

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

Lynn Crandall,	Watermaster & Special Deputy Commissioner of Reclamation.
W. V. Iorns,	Assistant Engineer.
Melvin Luke,	Hydrographer & Deputy Watermaster on Henrys Fork & tributaries.
L. K. Homer,	Hydrographer during irrigation season.
F. W. Tolles,	Hydrographer during irrigation season.
Effie C. Jones,	Clerk.
W. I. Nielsen,	Deputy Watermaster, Teton Basin.
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.
R. S. Boal,	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.

Reid Smith, Mrs. Levi Stone, C. C. Davidson, Mrs. Irvin Siepert, J. F. Johnson, D. R. Anthony, Mrs. Annie Fugal, J. A. Clough, T. E. Culley, A. J. Ayers, Leonard Walton, Fred H. Sweath and Mrs. Jos. E. Gillis, 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
Average, inches	44	11.1	56	16.7	62	20.5	56	22.0

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, E. B. Hill, Reservoir Supt. at Jackson Lake. The same organization has made the following snow surveys on the Buffalo River watershed:

Depth in inches

Year	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

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

During the past two years snow measuring stations have been operated at various points on the watershed by the Bureau of Irrigation Investigations of the U. S. Dept. of Agriculture in cooperation with the Forest Service and Bureau of Reclamation.

Results of such measurements are shown in the following tabulation.

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
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
Valley View Ranch										
1936 Season	22	5.0	-	-	-	-	58	19.8		
1937 Season	23	3.1	-	-	-	-	47	13.8	31	12.2
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		
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		
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		
Camp Creek										
Mud Lake drainage										
1936 Season	16	2.4	26	4.9	35	-	27	6.0		
1937 Season	32	3.6	34	6.3	31	8.5	39	10.8		
East Rim										
Hoback										
1936 Season	10	1.7	-	-	-	-	62	22.8		
1937 Season	17	2.8	-	-	-	-	38	12.2	35	12.9
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

Depth in Inches

Station	Last of Dec. Snow	Last of Dec. Water	Last of Jan. Snow	Last of Jan. Water	Last of Feb. Snow	Last of Feb. Water	Last of Mar. Snow	Last of Mar. Water	Last of Apr. Snow	Last of Apr. 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		
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		
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
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		
C.C.C.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		
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		
Cottonwood Lake										
Salt River										
1936 Season	-	-	-	-	-	-	79	28.5		
1937 Season							43	15.0		

The April 1937 snow survey on the Jackson Lake watershed showed a slightly greater water content than that existing on the same date on an average from 1919-37. It was only 76%, however, of the April 1936 results. Snow surveys at other stations on the watershed below Jackson Lake showed a water content at the end of March 1937 of less than 60%, on an average, of that existing on the same date a year before.

The river run-off for the 1937 year, corrected for Jackson Lake holdovers, was 75% of average at both Moran and Heise. In 1937 as in 1936 the precipitation during the snow melting month of May was less than half of normal over the watershed, thus contributing to a decreased run-off.

REGULATION SCHEDULE

The following schedule applies to the entire river during periods when rights of later than Oct. 11, 1900 priority are in effect. For earlier priorities it applies only to the section above American Falls reservoir, as spring inflow to the river below Blackfoot is always sufficient to partially fill Oct. 11, 1900 rights downstream even when the river is dry in the vicinity of Blackfoot. Natural flow deliveries to lower valley canals during the regulation period are shown by days on plates 12-13 incl.

1937 Regulation Schedule

June	12	Cut off rights later than May 24, 1913 priority.
"	21	Cut off rights later than 1905 priority.
"	24	Filled 25% Jan. 22, 1916 rights.
"	26	Cut off rights later than June 7, 1905.
"	29	Cut off rights later than Oct. 11, 1900.
July	5	Cut off rights later than Feb. 6, 1895.
"	6	Filled 2/3 of Feb. 6, 1895 right.
"	9	Filled Mar. 22, 1895 right.
"	10	Filled all 1895 rights.
"	12	Cut off rights later than Feb. 6, 1895.
"	13	Filled 75% Feb. 6, 1895.
"	14	Filled 40%.Feb. 6, 1895.
"	15	Filled 20% Feb. 6, 1895.
"	16	Cut off Feb. 6, 1895 rights.
"	17	Cut off all 1895 rights.
"	18	Filled 50% Aug. 18, 1894 rights.
"	19	Cut off 1893 rights.
"	20	Cut off 1892 rights.
"	21	Filled 50% Dec. 14, 1891 rights.
"	22	Cut off June 1, 1891 rights.
"	23	Cut off all 1891 rights.
"	24	Cut off rights later than Oct. 16, 1890.
"	25	Cut off rights later than June 10, 1890.
"	26	Filled 50% June 10, 1890 right.
"	27	Cut off June 1, 1890 rights.
"	28	Cut off all 1890 rights.
Aug.	1	Filled June 1, 1890 rights.
"	2	Filled 50% June 10, 1890 right.
"	4	Cut off June 10, 1890 right.
"	6	Cut off all 1890 rights.
"	10	Cut off July 10, 1889 rights.
"	11	Cut off June 1, 1889 rights.
"	12	Filled 80% May 11, 1889 rights.
"	22	Filled 60% May 11, 1889 rights.
"	24	Filled 50% May 11, 1889 rights.
"	25	Filled 30% May 11, 1889 rights.
Sept.	1	Filled 20% May 11, 1889 rights.
"	3	Filled 10% May 11, 1889 rights.
"	4	Cut off May 11, 1889 rights.
"	6	Filled 10% May 11, 1889 rights.
"	8	Filled 20% May 11, 1889 rights.
"	9	Filled 40% May 11, 1889 rights.
"	17	Cut off May 11, 1889 rights.
"	20	Cut off May 1, 1889 rights.
"	24	Filled 10% May 11, 1889 rights.
"	27	Filled 20% May 11, 1889 rights.

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

After the end of September it proved possible to induce several of the canals with early rights to reduce their diversions sufficiently to provide stock water for all upper valley canals. River riders ceased work on Oct. 16, 1937 with a couple hundred second-feet spilling past Blackfoot after satisfying upstream needs. Substantial rains about the middle of November 1937 reduced canal diversions thereafter to stock-water requirements.

WATER SUPPLY

Conforming to results indicated by the snow surveys the run-off of the river and its tributaries during 1937 was substantially less than in 1936.

Following is the run-off during the year ending Sept. 30, 1937 at several typical stations.

1937 Run-off in acre-feet

Station	1937 run-off	Average run-off	1937 percent of average.
Snake River nr. Moran	779,400	1,045,000(34 years)	75
Snake River nr. Heise	3,812,060	5,090,000(34 years)	75
Snake River at Neeley	3,682,710	5,880,000(41 years)	63
Henrys Fork at Warm River	598,920	725,000(23 years)	83
Henrys Fork near Rexburg	929,630	1,400,000(29 years)	66
Fall River near Squirrel	496,530	532,000(23 years)	93
Teton River near St.Anthony	410,600	516,300(10 years)	80

Run-off at Moran and Heise is corrected for holdovers at Jackson Lake. Run-off at Neeley is corrected for holdovers at American Falls.

The annual run-off at Moran and Neeley during years of record is shown on plates 4 and 5.

Surplus water spilled past Milner during the year in excess of the Idaho Power Co. regular rights amounted to 382,000 acre-feet of which about 150,000 acre-feet could have been retained at Island Park and Grassy Lake if those reservoirs had been completed.

The maximum daily discharge at Heise during 1937 was 17,400 second-feet compared to 28,600 second-feet in 1936. River flows in 1937 were not high enough to cause any appreciable flood damage.

TRANSFERS AND EXCHANGES

The following permanent transfers were made during the year after advertising and hearing before the Commissioner of Reclamation as provided by the Idaho Statutes.

Transfer No. 577.- 0.84 sec. ft. June 1, 1885 and 1.36 sec.-ft. June 1, 1888 from East Labelle Canal to Farmers Friend Canal.

Transfer No. 579.- 1.16 sec.-ft. June 1, 1886 from Long Island Canal to Nelson Ditch.

Transfer No. 581.- 1.69 sec.-ft. June 1, 1879 from Woodmansee-Johnson canal to Teton Island Feeder Canal.

Transfer No. 583.- 3.0 sec.-ft. June 1, 1883 from Nielsen-Hansen ditch to New Sweden Canals.

Natural flow rights were exchanged for American Falls storage owned and rented by various canals on Henrys Fork and tributaries as this is the only way that such water can be made available. During periods of shortage a few temporary transfers for short periods between neighboring canals, particularly in the Henrys Fork area, were permitted where it was apparent that no injuries to other users would result. Several upper valley canals were allowed to cut dry at times

during the latter part of the season, trading 90% of the water so cut out for storage to draw later in larger heads, thus permitting a more efficient use of their available supply. These canals have rights of varying priority and when their later rights have been cut off, those remaining are insufficient to deliver usable heads of water to the farmers. Storage owned by such canals is insufficient in most years to permit continuous draft of normal heads of water and they find it necessary to shut off entirely at intervals and then draw a normal supply for a while and are thus enabled to make a better use of the water. All these temporary transfers and exchanges were of minor extent and none were allowed until after the flood period was past and rights were cut to priorities earlier than any rights below Blackfoot.

LITIGATION

The case of Henry Hill and J. M. Hochnen vs. Crandall was tried in the District Court and decree rendered on May 28, 1937 awarding the 1st plaintiff 3.6 sec.-ft. from Bear Creek dated June 1, 1890 and the 2nd plaintiff 6.4 sec.-ft. from Indian Creek dated June 1, 1897.

A half dozen summary suits were filed late in 1937 by various canal companies and water-users in Teton Basin against the watermaster, seeking to acquire flood water rights of 1916 priority, of the same date as those awarded various canals on the main river in the Woodville suit. The water users in Teton Basin were originally decreed rights of one inch per acre in the Rexburg decree of 1910. They subsequently enlarged their canals and during the brief flood water period have diverted water at a rate of probably twice that awarded them in the Rex-

burg decree. They were not parties to the Woodville case and now are seeking to acquire a flood water right similar to that awarded the Snake River canals in the Woodville decree.

The suit by lower users on Teton River against users on tributaries in Wyoming is still pending and has not yet been tried.

Suit by the Burley Irrigation District vs. Secretary of the Interior relative to the winter water saving contract has not yet been tried.

The matter of an extension of time on the proposed project of T. W. White to divert water from Greys River in Wyoming for the irrigation of lands in Idaho and Wyoming near Alpine, Wyo. was heard before the Wyoming State Board of Control on Apr. 23, 1937, at which time the U. S. Bureau of Reclamation urged that the extension of time on the 1920 priority for this project be denied. The board however granted an extension of time but expressed their feeling that, unless construction work is prosecuted with due diligence within the next five years, further extensions of time should not be granted. At the request of the Bureau of Reclamation the U. S. Forest Service has refused to grant the promoter of this project a right of way for his canal across forest lands along Greys River.

CANAL DELIVERIES

Daily diversions from the main river between Heise and Blackfoot for the months May to September 1937 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 in the section between Heise and Blackfoot diverted no water, except for stock and domestic purposes, prior to May 1st.

The following tabulation shows the seasonal diversions, area under canal and acreage irrigated in 1937 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 area irrigated show the area to which water was delivered without deductions for roads, canals, buildings, waste or fallow land on individual farms, etc. Canals are listed in downstream order from Heise gaging station.

Table showing diversions & irrigated area during 1937

Snake River canals

Canal	Irr. Season diversions (acre-feet)	Area under canal (acres)	Area irrigated 1937 (acres)	Diversions acre-ft. per acre irrigated
Riley	4,210	880	840	5.0
Anderson & Eagle Rock	218,000 (a)	33,000	31,500	6.9
Farmers Friend	91,900	10,500	10,300	8.9
Enterprise	26,200	7,000	5,000	5.2
Nelson	234	80	50	4.7
Mattson Craig	2,920	650	400	7.3
Arnsberger	375	200	120	3.1
Ross and Rand	950	152	130	7.3
Butler Island	12,800	1,320	940	13.6
Steele	1,810	290	190	9.5
Harrison	87,000	16,000	16,000	5.4
Cheney	1,250	240	160	7.8
Rudy & Boomer	45,000	5,500	5,000	9.0
Kite & Nord	903	235	150	6.0
Burgess	175,000	23,000	20,000	8.8
Clark & Edwards	20,000	1,960	1,800	11.1
Lowder & Jennings	7,730	1,200	900	8.6
East Labelle	32,400	2,200	2,100	15.4
Sunnydell	26,100	3,500	3,320	7.8
Learoot	30,400	4,000	3,800	8.0
Reid	32,000	5,500	4,500	7.1
Texas Feeder	63,700	9,000	7,500	8.5

Canal	Irr. Season diversions (acre-ft.) (2)	Area under canal (Acres)	Area irrigated 1937 (Acres) (1)	Diversions acre-ft. per acre (3)
Nelson-Corey	2,460	640	400	6.2
Hill-Pettinger	564	210	110	5.1
Rigby	44,900	4,000	4,000	11.2
Dilts	4,320	780	670	6.4
Island	29,400	3,400	3,000	9.8
W. Labelle, et al	113,000	9,000	8,500	13.3
Parks & Lewisville	83,000	7,000	7,000	11.8
North Rigby	13,900	1,250	1,200	11.5
White	857	250	175	4.9
Ellis	730	100	80	9.1
Bramwell	1,730	400	200	8.6
Butte & Market Lake	52,200	20,000	18,000	2.9
Osgood	28,700	7,000	6,200	4.6
Bear Isl. & Smith	550	240	160	3.4
Idaho	229,000	35,540	35,540	6.5
Kennedy	8,150	2,230	1,850	4.4
Gt. Western & Porter	150,000	26,000	25,400	5.9
Coy	268	40	40	6.7
Woodville	15,100	3,000	3,000	5.0
Snake R. Valley	149,000	25,000	22,000	6.8
Reservation	168,170 (b)	60,000	32,200	5.2
Blackfoot	77,500	15,000	13,000	6.0
New Lava Side	31,100	6,000	5,100	6.1
Peoples	106,000	20,000	16,000	6.6
Aberdeen	255,000	62,298	55,000	4.6
Corbett	32,700	7,900	7,000	4.7
Nielsen-Hansen	2,650	640	600	4.4
Riverside	29,600	5,000	4,000	7.4
Danskin	53,100	6,000	6,000	8.9
Trego	11,900	1,750	1,600	7.4
Wenryrick	13,300	1,540	1,500	8.9
Watson	27,400	4,880	4,800	5.7
Parsons	5,750	900	875	6.6
No. Minidoka	412,540	82,000	54,000	7.9
So. Minidoka	308,800	54,000	50,000	6.2
No. Side Canal Co.	973,580	170,000	156,000	6.3
Twin Falls Canal Co.	1,004,460	202,680	202,680	5.0
Milner Low Lift	41,310	8,509	8,450	4.9
Gooding	321,920	68,200	62,300	6.2
Total (exclusive of				

Canal	Irr. Season diversions (acre-ft.)	Area under canal (Acres)	Area irrigated 1937 (Acres)	Diversions acre-ft. per acre
Nelson-Corey	2,460	640	400	6.2
Hill-Pettinger	564	210	110	5.1
Rigby	44,900	4,000	4,000	11.2
Dilts	4,320	780	670	6.4
Island	29,400	3,400	3,000	9.8
W. Labelle, et al	113,000	9,000	8,500	13.3
Parks & Lewisville	83,000	7,000	7,000	11.8
North Rigby	13,900	1,250	1,200	11.5
White	857	250	175	4.9
Ellis	730	100	80	9.1
Bramwell	1,730	400	200	8.6
Butte & Market Lake	52,200	20,000	18,000	2.9
Osgood	28,700	7,000	6,200	4.6
Bear Isl. & Smith	550	240	160	3.4
Idaho	229,000	35,540	35,540	6.5
Kennedy	8,150	2,230	1,850	4.4
Gt. Western & Porter	150,000	26,000	25,400	5.9
Coy	268	40	40	6.7
Woodville	15,100	3,000	3,000	5.0
Snake R. Valley	149,000	25,000	22,000	6.8
Reservation	168,170 (b)	60,000	32,200	5.2
Blackfoot	77,500	15,000	13,000	6.0
New Lava Side	31,100	6,000	5,100	6.1
Peoples	106,000	20,000	16,000	6.6
Aberdeen	255,000	62,298	55,000	4.6
Corbett	32,700	7,900	7,000	4.7
Nielsen-Hansen	2,650	640	600	4.4
Riverside	29,600	5,000	4,000	7.4
Danskin	53,100	6,000	6,000	8.9
Trego	11,900	1,750	1,600	7.4
Wearyrick	13,300	1,540	1,500	8.9
Watson	27,400	4,880	4,800	5.7
Parsons	5,750	900	875	6.6
No. Minidoka	412,540	62,000	54,000	7.6
So. Minidoka	308,800	54,000	50,000	6.2
No. Side Canal Co.	973,580	170,000	155,000	6.3
Twin Falls Canal Co.	1,004,460	202,660	202,660	5.0
Milner Low Lift	41,310	8,509	8,450	4.9
Gooding	321,920	88,200	52,200	6.2
Total (exclusive of Henrys Fork)	5,685,491	1,049,764	922,210	6.2

(a) Used some additional water from Willow Creek
(b) 75,600 from Snake River, balance from Blackfoot River and Sand Creek.

The irrigation season as used in the preceding tabulation covers the months May to September for canals above American Falls and April to September for canals below American Falls. Additional water was used during October for fall irrigation, stock water, etc. Canals above American Falls diverted 171,000 acre-feet less than in 1936, while lower valley canals diverted 63,000 acre-feet less, a total reduction of 234,000 acre-feet below the 1936 figures.

Lower valley canals diverted 54% of the total diversions and upper valley canals 46%. A number of the canals above Blackfoot were rather short of water during August and September and were obliged to run on reduced heads or shut out entirely at intervals.

Canals above American Falls, excluding Henrys Fork, diverted 434,840 acre-feet of storage or 16.6% of their total diversions. Canals below American Falls used 1,407,304 acre-feet of storage or 45.8% of their total diversions.

The Idaho Power Co. carried 184,400 acre-feet of water past Milner during the year ending Sept. 30, 1937 for power use, of which 32,300 acre-feet was storage used during the latter part of the irrigation season and 152,100 acre-feet was drawn between Oct. 1, 1936 and Mar. 23, 1937 when water started to spill from American Falls overflow. Included in the 152,100 acre-feet are 38,000 acre-feet drawn Jan. 12-21, 1937 under an agreement that if American Falls Reservoir did not fill this amount of water would be charged to the Idaho Power Cos. primary right of 45,000 acre-feet. Inasmuch as the reservoir later filled it was not necessary to charge this water to the Power Cos. primary right.

The following tabulation has been prepared to show the water used in different sections of the District in 1937, in relation to normal use. Normal as used in this table is the average diversion 1927-36, excluding years of shortage, except in the case of the Gooding Project where it is the average from 1932 to date, excluding water shortage period in Aug.-Sept. 1935.

Diversions during 1937

(Thousands of Acre-ft.)

	Apr.	May	June	July	Aug.	Sept.	Season
Heise to Blackfoot							
1937	-	392	600	658	520	361	2531
Normal	-	360	630	687	548	401	2626
Henrys Fork & Trib.							
1937	-	200	223	163	126	84	796
Normal	-	189	226	191	150	101	857
Minidoka Project							
1937	18	145	130	176	156	96	721
Normal	46	126	145	167	152	106	742
No. Side Canal Co.							
1937	40	176	185	228	218	126	973
Normal	77	172	189	202	196	145	981
Twin Falls Canal Co.							
1937	57	191	179	217	216	144	1,004
Normal	65	181	188	215	214	148	1,001
Gooding Project							
1937	10	60	66	75	68	43	322
Normal	10	56	64	74	65	41	310

April diversions were below normal owing to fairly adequate precipitation that month. May diversions were above normal in all sections due to good growing weather and generally deficient precipitation. June diversions were generally slightly below normal due to rains during the first half of the month.

Diversions from July to Sept. were below normal in the districts above American Falls Reservoir where the canals rely principally on normal flow as storage supplies owned by these canals were insufficient to make up the deficiency in normal flow.

The lower valley projects, all with an adequate supply of storage, drew water during July and August at a rate slightly above normal. Their requirements decreased in September however, so that their diversions during that month were below normal, perhaps due to the increased use during the two preceding months.

RIVER DATA

Segregation of flow at the various measuring stations, stored water losses, diversions, etc., during the period of storage draft are shown on plates 12-13. The methods of segregation of stored water and normal flow that have been used for a number of years past were continued without change during 1937. At Moran, stored water each day is determined from the 24-hour drop in the level of Jackson Lake, the balance at the Moran station being classed as normal flow. Owing to wind effect at times on the lake gage readings it is often necessary to average the readings over short periods to avoid marked daily fluctuations in the computed normal flow. Starting with the determined amount of storage at Moran, the adopted schedule of transmission losses is applied in

the various river sections and after also allowing for storage diversions the amount of storage is determined at the next river station downstream, proceeding thus down to Blackfoot. After rights are cut under the 1900 priority which is the earliest priority below Blackfoot, the natural flow at the Clough station was taken as 150 second-foot plus inflow from the Blackfoot River and any balance at the Clough station was classed as stored water. There are many irregularities from day to day during the season between the theoretical and actual storage so computed at the Clough station, due to the impossibility of making cuts and restorations of rights at the correct hour several days ahead of time on the various upstream canals. On the receding stage following the flood period it is also the practice to permit natural flow rights to divert some storage in lieu of possible evaporation losses at Jackson Lake and lack of return ground-water flow that is prevented from entering the river on account of holding up the river level with stored water. At times the accumulation of storage so diverted as natural flow amounts to as much as 12,000 to 15,000 acre-feet. This is recovered for the storage owners when Jackson Lake is rapidly dropping and furnishing some bank return and when cuts are made in the amount of storage being carried in the river, thereby resulting in a gain from ground-water return along the river. By the end of the season the theoretical and actual amounts of storage passing the Clough station are made to amount to the same seasonal total, as near as possible.

Fifteen measurements of the flow of the various tributary springs between Cloughs and Neeley were made during the months May to September inclusive. Interpolating the discharge of these springs between

measurements and using the daily flow of the Portneuf River at Pocatello and unmeasured inflow, computed by the Newell formula,(unmeasured inflow = 840+1/3 measured inflow) the total daily inflow from Clough to Neeley was computed and is shown in detail on Plate 11.

The normal flow at Neeley, computed by adding to the normal flow at Cloughs the inflow Clough to Neeley, was delivered without loss or gain to downstream canals according to their respective priorities and any additional amounts diverted by those canals were classed as storage.

There was a period during May and again in June when water was being stored in Jackson Lake that belonged to rights below American Falls of earlier priority than the Jackson Lake priority. It requires 5 days for water to travel from Jackson Lake to the lower valley canal headings and in the spring when the river flow and diversions change rapidly from day to day it is impossible to predict 5 days in advance how much water, if any, should be released from Jackson Lake to fill prior downstream rights. It has been found by experience that the best solution of this difficulty is to keep the Jackson Lake gates closed during such periods and then compute the river records later, assuming enough water had been released from Jackson Lake so that, deducting river losses, the exact amount necessary to fill prior rights would have reached the canals. In actual practice the theoretical normal flow to which the lower canals are entitled under their priorities is maintained by delivering them an equivalent amount of storage from American Falls Reservoir without storage charge, and then later on, as convenient during the season, this amount of storage

is spilled past Blackfoot into American Falls Reservoir. On plates 12-13, the quantities of extra natural flow that should have been flowing in the river to fill prior downstream rights, appear in the tabulation at the various measuring stations as a minus storage quantity and, in computing the seasons totals, are offset by an equal quantity of actual storage later on in the season. The segregation of daily diversions of stored and normal flow by canals as shown in the tabulations on plates 12-13 is thus made on a basis of each canal getting all the normal flow to which it would be entitled if such water had not been retained at Jackson Lake.

During the season ending Sept. 30, 1937 there were 13,357 second-feet or 26,493 acre-feet of storage that passed the Clough station for use by downstream canals in addition to the amount necessary to offset adverse upstream storage diversions and adverse natural flow storage at Jackson Lake. The river was operated so as to retain as much storage as possible in Jackson Lake at the close of the season. If American Falls Reservoir fills in 1938 all of the holdover in Jackson Lake on Sept. 30, 1937 will then become Jackson Lake water, but if American Falls does not fill in 1938, most of the water in Jackson Lake at the close of the 1937 season will belong to American Falls rights, the exact quantity depending upon how the various companies owning rights in both reservoirs desire to have their 1937 storage diversions apportioned between the two reservoir rights. Under existing contracts, individual holdovers are not permitted on Jackson Lake rights but are permitted on American Falls rights up to an amount sufficient to fill such rights in full. Individual holdovers are not permitted on American Falls leased rights but any surplus American Falls holdover goes

to the credit of that reservoir and will increase the yield of the leased space as a whole if that reservoir doesn't fill. The result of this situation is that the companies owning rights in both Jackson Lake and American Falls Reservoirs generally use up their Jackson Lake water first and hold over their American Falls water at least in an amount sufficient to fill the American Falls Reservoir right in full or as near thereto as possible.

STORED WATER DELIVERIES

American Falls Reservoir filled on March 25. Some storage was drawn from it during May, after which some additional water was stored again but not enough to refill the reservoir. Under these circumstances the total amount of American Falls storage available for allotment was in excess of the reservoir capacity.

AMERICAN FALLS ALLOTMENT

The last date on which any water accumulated for the credit of American Falls Reservoir was June 8, 1937 on which date the reservoir held 1,673,100 acre-feet. Of this amount 1,750 acre-feet were due Lake Walcott to replace storage temporarily used from that reservoir leaving 1,671,350 acre-feet of American Falls water available for allotment on June 8, 1937.

Reservoir contents June 8, less 1,750 due Lake Walcott	.1,671,350 ac.-ft.
American Falls equivalent of adverse storage at Jackson Lake prior to June 8. This represents water drawn from Am. Falls before June 8 to fill rights that are prior to Jackson Lake storage right.	13,500 " "
Storage draft by canals up to June 8 (Am. Falls date)	
Minidoka Project	1,110 " "
Milner Low Lift	2,030 " "
N. S. Canal Co.	4,650 " "
Twin Falls Canal Co.	3,590 " "
Gooding Project	28,400 " "
Total for allotment	1,724,630 " "

The 24,630 acre-feet in excess of reservoir capacity was alloted to the canals drawing storage prior to June 8 in proportion to space owned and leased, the extra allotment to any individual company, however, not exceeding its storage draft up to June 8.

Project	1937 Space at American Falls	Extra allotment
Minidoka Project	75,785 acre-feet	1,110 acre-feet
Milner Low Lift	51,705 "	1,750 "
N. S. Project	472,532 "	4,650 "
T.F. Canal Co.	221,788 "	3,590 "
Gooding Project	400,000 "	13,530 "
Total	1,221,810 "	24,630 "

The complete allotment of the American Falls Reservoir water was as follows:

ALLOTMENTS TO CANALS - 1937 AMERICAN FALLS WATER

(Downstream order from Heise)
(Acre-feet)

Canal	Contract right	Leased Space	Extra for stored water used prior to June 8	Total
Poplar Irrig. Dist.	793	370		1,163
Progressive Dist.	14,609	7,533		22,142
Enterprise Canal Co.	10,509	4,908		15,417
Harrison Canal	11,994	6,185		18,179
Rudy	2,000	1,031		3,031
Burgess	7,496	4,501		11,997
Lenroot	4,504	2,322		6,826
Reid	3,002	-		3,002
Dilts	1,034	533		1,567
Enterprise Irr. Dist.	12,000	13,104		25,104
Fremont-Madison Dist.	-	19,763		19,763
Butte & Market Lake	3,002	2,804		5,806
Osgood	15,852	8,175		24,027
New Sweden	28,528	14,711		43,239
Martin	2,250	1,050		3,300
Bear Island	225	105		330
Smith	79	41		120
Idaho Irr. Dist.	26,986	12,602		39,588
Woodville	9,000	4,200		13,200
Snake River Valley Irr. Dist.	27,643	12,909		40,552
Blackfoot	15,033	7,020		22,053
Peoples	22,519	11,613		34,132
Aberdeen	41,333	29,306		70,639
Corbett	4,000	1,868		5,868
Trego	1,462	683		2,145
Minidoka Project	50,000	25,785	1,110	76,895
Milner Low Lift	34,113	17,592	1,750	53,455
Twin Falls Canal Co.	151,185	70,603	3,590	225,378
N. S. Project	320,256	152,276	4,650	477,182
Gooding	400,000	-	13,530	413,530
Idaho Power Co.	45,000	-	-	45,000
Total	1,266,407	433,593	24,630	1,724,630

Jackson Lake rights were alloted as follows:

JACKSON LAKE ALLOTMENT

1937

Lake filled June 18		847,000	acre-ft.
Natural flow stored at Jackson Lake prior to June 18	67,800		"
Spill at Jackson Lake after June 18 for delivery to American Falls, in excess of prior rights, as partial repayment of stored natural flow	8,020		"
Net natural flow in Jackson Lake		59,780	"
Jackson Lake for allotment		787,220	"

Bottom rights in full	437,810
T.F.Canal Co. top right	82,980
N.S.Canal Co. top right	266,430
Total	787,220

Both Jackson Lake and American Falls, for short periods, reached levels slightly above their rated capacities, but this additional water was not alloted as storage and was discharged as natural flow.

In addition to the storage rights in Jackson Lake and American Falls, the Minidoka Project had 96,700 acre-feet in Lake Walcott and was credited with 48,590 acre-feet of storage right covering the gain from Neeley to Milner between June 8, when the American Falls Reservoir allotment was made, and Sept. 30. The Osgood Project discharged 3,653 acre-feet of storage from Twin Lakes near Moran and the Snake River Valley Irrig. Dist. delivered 1,027 acre-feet of storage into Snake River from Market Lake near Roberts.

Daily storage diversions by the various canals on the main river are shown on plate 14. Diversions of American Falls storage, exchanged for Jackson Lake storage and then traded for natural flow, by Henrys Fork canals are grouped together on this tabulation but are shown by individual canals on plate 22.

To take care of demands for seasonal rentals of storage by various canals and individuals in the upper valley a storage pool was formed and water was rented at the rate of 50¢ per acre-foot, measured at the point of river diversion. This is equivalent to about 46.4 cents per acre-foot at Jackson Lake, allowing 7.26% loss from Jackson Lake to the upper valley canal headings. One-half of the rental price in excess of 12¢ per acre-foot on storage rented by canals having American Falls leased water during 1937 was paid to the U. S. Bureau of Reclamation, in accordance with the terms of a contract between the Government and the American Falls Reservoir District.

1937 Pool Operations
(Acre-feet rented)

Canal	At Headgate	At Jackson Lake
Farmers Own	115	124
Canyon Creek	500	539
Siddoway	500	539
Teton Basin users	1,050	1,132
Fall River Canal	257	277
McBee	160	172
Silkey	18	19
Dewey	8	9
Farmers Friend	112	121
Twin Groves	2,000	2,156
Salem Union	1,448	1,561
Independent	2,040	2,200
Consol. Farmers	1,300	1,402
Island Park Users	14	15
Black Springs	20	22
Total Henrys Fork	9,542	10,268

Canal	At Headgate	At Jackson Lake
Swan Valley	1,062	1,145
Mattson-Craig	165	178
Harrison	38	41
Rudy	64	69
Burgess	120	129
Sunnydell	1,060	1,143
Reid	500	539
Hill-Pettinger	18	19
Butte & Market Lake	7,086	7,641
Kennedy	924	996
New Sweden	512	552
Reservation	2,749	2,964
Aberdeen	3,000	3,235
Total all canals	26,840	28,939

The rented water, measured at Jackson Lake, was secured from the following sources:

Woodville Canal Co.	4,200 acre-ft.
Twin Falls Canal Co.	23,354 " "
10% Penalty charge on stored normal	1,385 " "
Total	28,939 " "

In addition to the sales from the Pool, there were various transfers between canals as shown by notes on plates 14 and 22. Such of these as were sales for a financial consideration by canals holding American Falls leases were at 12 cents per acre-foot, the cost of the leased water.

The gain from bank storage return in American Falls Reservoir after June 8, the date of the American Falls allotment, was sufficient to more than offset subsequent American Falls Reservoir losses and leakage at Milner Dam so it was unnecessary to make any charges against reservoir rights for these items. Losses prior to June 8 were automatically absorbed by making the reservoir contents on June 8 the basis for the allotment.

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

1937

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

Station	May	June	July	Aug.	Sept.	Season
Moran	1,933	52,336	164,640	159,240	73,867	452,016
Heise	384,340	344,810	317,760	246,270	154,670	1,447,850
Riley Ditch	280	583	703	414	143	2,123
Heise & Riley	384,620	345,393	318,463	246,684	154,813	1,449,973
Total gain s.f.	382,687	293,057	153,823	87,444	80,946	997,957
Mean gain s.f.	12,340	9,770	4,960	2,820	2,690	6,510
Total gain a.f.	759,050	581,270	305,100	173,440	160,560	1,979,420

The gain in this section of the river during the 1937 irrigation season was 1,175,000 acre-feet less than in 1936 and only amounted to 63% of the 1936 gain, largely due to the fact that the snowfall on the drainage area between Moran and Heise at the end of March 1937 was only about 57% of the amount existing a year earlier.

Gain in Snake River, Heise to Shelley stations

1937

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

Station	May	June	July	Aug.	Sept.	Season
Heise & Riley	384,620	345,393	318,463	246,684	154,813	1,449,973
Roxburg	77,648	54,149	17,983	15,510	23,697	188,987
Total supply	462,268	399,542	336,446	262,194	178,510	1,638,960
Diversions	125,152	209,525	237,581	200,096	140,375	912,729
Net Supply	337,116	190,017	98,865	62,098	38,135	726,231
Shelley	325,090	212,550	127,690	83,590	57,318	806,238
Total gain s.f.	-12,026	22,533	28,825	21,492	19,183	80,007
Mean gain s.f.	- 388	751	930	693	639	523
Total gain a.f.	-23,850	44,690	57,170	42,630	38,050	158,690

The high water table built up in this section in 1936 was helpful in maintaining gains during the 1937 season. During the short water months, July to September, the 1937 gain was 137,850 acre-feet, almost

as much as the 140,203 acre-ft. gain during the same period in 1936 although the canal diversions in this section during 1937 were 115,000 acre-feet less than in the previous year.

Loss in Snake River, Shelley to Clough stations

1937

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

Station	May	June	July	Aug.	Sept.	Season
Shelley	321,350	216,470	127,950	84,710	58,498	808,978
Blackfoot R.	6,237	3,539	784	162	60	10,782
Total supply	327,587	220,009	128,734	84,872	58,558	819,760
Diversions	72,325	92,839	94,320	62,325	41,892	363,701
Net Supply	255,262	127,170	34,414	22,547	16,666	456,059
Cloughs	244,920	127,042	28,373	18,735	13,760	432,830
Total loss s.f.	10,342	128	6,041	3,812	2,906	23,229
Mean loss s.f.	334	4	195	123	97	152
Total loss a.f.	20,513	254	11,982	7,560	5,764	46,073

The loss in this section during 1937 was less than for some years past, probably due largely to the beneficial silting effects of muddy water during the 1936 flood period. The low loss in June is partly due to the fact that there were several good rains during that month and the canals increased their waste into the river at such times, offsetting part of the loss and partly to the fact that the discharge passing Blackfoot decreased from 8,000 to 400 sec.-ft. during June, permitting an increased inflow from tributary groundwater just above the Blackfoot River and thereby reducing the calculated loss between river stations. The actual losses from Shelley to Clough stations are greater than the losses calculated in the preceding tabulation by the amount of inflow from canal wasteways, which fluctuates from a few second-feet to about three hundred second-feet., and by the amount of ground-water inflow to the river for several miles above the Clough station, which averages about 150 second-feet

Loss in Snake River, Clough to Neeley stations
1937

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

Station	May	June	July	Aug.	Sept.	Season
Clough	241,975	134,556	28,063	19,215	13,813	437,622
Inflow	89,697	80,696	80,187	79,820	76,743	407,143
Reservoir Draft	29,547	70,800	246,081	234,478	79,212	660,118
Total Supply	361,219	286,052	354,331	333,513	169,768	1,504,883
Neeley	350,410	281,140	360,600	337,900	171,450	1,501,500
Total loss s.f.	10,809	4,912	-6,269	-4,387	-1,682	3,383
Mean loss s.f.	349	164	-202	-142	-56	22
Total loss a.f.	21,440	9,743	-12,435	-8,702	-3,336	6,710

The American Falls Reservoir filled on March 25 and dropped in stage during each of the months May to September inclusive, resulting in some bank storage return each month. On this account as well as because of an earlier and greater drawdown the losses in 1937 were considerably less than those in the preceding year.

Loss in Snake River, Neeley to Minidoka stations
1937

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

Station	May	June	July	Aug.	Sept.	Season
Neeley	350,097	280,163	360,467	338,627	174,070	1,503,424
Walcott draft	333	-28	-3	391	22,869	23,562
Total Supply	350,430	280,135	360,464	339,018	196,939	1,526,986
N. Minidoka	42,812	37,881	48,920	42,302	27,002	198,917
S. Minidoka	30,244	27,639	40,040	36,510	21,146	155,579
Minidoka	277,330	210,410	263,390	252,790	148,850	1,152,770
Tot. acct. for	350,386	275,930	352,350	331,602	196,998	1,507,266
Total loss s.f.	44	4,205	8,114	7,416	-59	19,720
Mean loss s.f.	1	140	262	239	-2	129
Total loss a.f.	87	8,341	16,094	14,709	-117	39,114

The gain in September was due to drawdown of Lake Walcott. Total losses for the season were practically the same as in 1936. Erratic results in certain months may be partly due to the fact that the draft from Lake Walcott is based on the lake gage readings on the last day of each month, which are subject at times to errors caused by wind.

Gain in Snake River, Minidoka to Milner stations
1937

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

Station	May	June	July	Aug.	Sept.	Season
Minidoka	276,750	209,970	263,030	253,675	151,265	1,154,690
P. A.	1,625	1,844	1,885	1,900	1,537	8,791
Gooding	51,816	55,120	62,530	62,570	48,360	280,396
Milner Low Lift	4,039	4,034	5,052	4,387	3,290	20,802
No. Milner	65,457	69,790	88,410	79,450	35,289	338,396
So. Milner	96,260	90,400	109,490	108,890	72,680	477,720
Milner	58,811	880	3,651	6,226	6,548	76,116
Total acct. for	278,008	222,068	271,018	263,423	167,704	1,202,221
Total gain s.f.	1,258	12,098	7,988	9,748	16,439	47,531
Mean gain s.f.	41	403	258	314	548	311
Total gain a.f.	2,495	23,996	15,844	19,335	32,607	94,277

During the period of storage release, after the American Falls Reservoir allotment on June 8 , the net gain from Neeley to Milner amounted to 48,590 acre-feet. Under the system being followed, delivering natural flow below Neeley on the basis of natural flow at Neeley, this 48,590 acre-feet was credited to the Minidoka project's storage supply. The total gain for the 1937 season in the section from Minidoka to Milner was about 6,000 acre-feet more than in 1936. This gain has been increasing each year since the low record during the 1934 drought, and would indicate a gradual rise since then in the water table under part of the Minidoka Project.

DISTRIBUTION ON HENRYS FORK

Water distribution on Henrys Fork and tributaries was under the immediate supervision of Melvin Luke, Deputy Watermaster, with headquarters at St. Anthony. Run-off was below normal in this section and a number of the canals were rather short of water during the latter part of the season. Crops however, were matured in a fairly satisfactory manner, without serious losses due to water shortage, as the canals in this section have been short of water for so many years that the water users have learned by experience to plan their crops so as to meet anticipated deficiencies in water supply. Grain crops in this area were greatly benefited by timely rains in June and July and good grain yields were secured even in the dry farm sections.

Henrys Lake supplied 27,469 acre-feet of storage, the Enterprise Irrig. Dist. had 25,104 acre-feet of American Falls storage, the Fremont-Madison district had 19,763 acre-feet of American Falls leased water and various individual canals rented 12,288 acre-feet of American Falls water, making a total of 84,624 acre-feet of storage available, less transmission losses, for use in the Henrys Fork area in 1937.

The canals in this section used practically all the natural flow available in 1937 to exchange for storage prior to Aug. 13. During the last half of August about 6,000 ac.ft. of natural flow were discharged past the lowest canal heading on Henrys Fork for use by prior rights on Snake River and during September about 20,000 acre-feet were so discharged.

Several trips were made into the Island Park and Henrys Lake section during the latter part of the season, regulating rights to the same priority in force on the main Snake River. It is doubtful, however, if the amount of water secured for lower users by such action is worth the cost of maintaining constant regulation on these headwater areas, except as a matter of general principle and to discourage any attempts to expand acreage or increase the use of water there. Nearly all the irrigated area in the Island Park section consists of wild hay meadows adjacent to the stream channels, and some of the lands have very early rights. There are perhaps 5,000 acres of land actually irrigated in that section, part of which can not be watered during the latter part of the season due to lack of enough water in some of the local creeks. There are considerable areas that naturally sub-irrigate.

The following schedule of rights was in effect on Henrys Fork and Fall River during 1937:

June 28 - Cut to 1895 priorities.
June 30 - Filled 50% June 14, 1895 rights.
July 4 - Cut off June 14, 1895 rights.
Balance of year same schedule as Snake River shown on page 11.

The following schedule applied to Teton River:

June 26 - Filled 25% April 1, 1898 rights.
June 30 - Cut off 1898 rights.
July 4 - Cut off 1889 rights.
July 8 - Restored 1889 rights.
July 20 - Cut off 1889 rights.
Aug. 15 - Filled 75% June 1, 1884 rights.
Aug. 20 - Filled 50% June 1, 1884 rights.
Aug. 27 - Filled 25% June 1, 1884 rights.
Aug. 29 - Filled 50% June 1, 1884 rights.
For balance of season the June 1, 1884 rights were partially filled.

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

Henrys Lake water was allotted as follows:

HENRYS LAKE 1937 ALLOTMENT

Maximum contents June 25-30 . . . 30,550 acre-feet
Deduct dead storage and Lake losses . . . . . 3,081 "

Net supply available for allotment . . . . . 27,469 "

Allotted		At Reservoir	At canal heading
Last Chance	15.3%	4,203 ac.-ft.	3,934 ac-ft.
St.Anthony Union	6.8%	1,868 "	1,749 "
Salem Union	24.2%	6,647 "	6,222 "
Egin	6.8%	1,868 "	1,749 "
Independent	26.8%	7,362 "	6,891 "
Consolidated Farmers	20.1%	5,521 "	5,168 "
	Total	27,469 "	25,713 "

Loss of 6.39% was charged from Henrys Lake to the canal headings.

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

Table showing diversions and irrigated areas

Henrys Fork canals - 1937

Canal	Irr. Season diversions (1)	Area under canal	Area irrig. 1937 (2)	Diversions ac.-ft. per acre irrigated. (3)
Fall River Canals		5,000	0	0
Yellowstone	0	3,500	0	0
Harrigfeld	728 (a)	13,910	12,237	1.1
Marysville	13,600	5,800	5,680	1.1
Farmers Own	6,450	60	50	4.4
Almy	220			

Henrys Fork canals - cont'd.

Canal	Irr. Season Diversions	Area under canal	Area irrig. 1937	Diversions ac.-ft. per acre irrigated
Fall River canals-cont'd.	(2)		(1)	(2)
Enterprise	32,085 (b)	6,280	6,000	5.3
Bell	1,320	160	160	8.2
Fall River	71,300	8,000	8,000	8.9
McBee	925	470	200	4.6
Chester	6,340	2,000	1,200	5.3
Silkey	2,610	620	420	6.2
Cur	9,460	1,570	1,500	6.3
Total Fall River	145,038	47,370	35,447	4.1

(a) Used to puddle canal.
(b) Excludes 6,315 acre-feet diverted for Teton River Canals.

Henrys Fork Canals				
Dewey	3,660	1,840	1,200	3.0
Last Chance	11,400	1,840	1,840	6.2
St.Anthony Union	129,000	10,000	10,000	12.9
Farmers Friend	22,000	4,000	2,900	7.6
Twin Groves	23,700	2,500	2,400	9.9
Salem Union	40,100	5,300	5,000	8.0
Egin	84,500	8,190	8,190	10.3
St.Anthony Union Feeder	21,900	2,500	2,500	8.8
Independent	56,600	7,000	7,000	8.1
Consol. Farmers	49,800	8,000	6,000	8.3
Total Henrys Fork	442,660	51,170	47,030	9.4
Teton River Canals				
Siddoway	2,990	600	600	5.0
Wilford	27,300	2,000	2,000	13.6
Teton Irrig.	16,800	2,385	2,340	7.2
Good Luck	3,610	328	328	11.0
Pioneer	3,120	400	400	7.8
Stewart	3.780	360	360	10.5
Pincock Byington	3,060	340	300	10.2
Pincock Garner	4,430	580	440	10.1
Teton Island Feeder	64,900 (c)	10,445	10,445	6.2
North Salem	2,280 (d)	600	600	3.8
Roxana	1,650	640	640	2.6
Island-Ward	6,500	3,300	3,200	2.0
Woodmansee-Johnson	2,930	1,200	1,150	2.5
City of Rexburg	9,300	1,295	1,100	8.5
Rexburg Irrig.	46,200(e)	5,645	5,300	8.7
Saurey-Sommers	3,460	660	500	6.9
Total Teton River	202,310	30,778	28,603	7.1
Total Fall R.,Henrys Fork, & Teton River	790,008	129,318	111,080	7.1

(c) Includes 760 ac.-ft.pumped into canal; (d) Also receives water through Salem Union from Henrys Fk.;(e) Includes 800 ac.-ft. pumped into canal.

There are a number of canals in the preceding tabulation with seasonal diversions that are apparently adequate for the acreage irrigated, that in reality received very little water during August and September. These canals have late rights and divert more water than they really need during the flood-water period in an attempt to build up the "sub" as high as possible so that it will supply the needs of the crops for a brief period after their rights are cut. The Farmers Friend Canal is typical of this group. Percentage of the seasons diversions by this canal during the various months in 1937 was as follows: May 57%, June 32%, July 9%, Aug. 1%, Sept. 1%.

Lands under such canals are largely restricted to growing grain and one crop of hay as the late water supply is inadequate for any considerable acreage of such crops as beets and potatoes. The best water rights, as a group, are held by the Egin Bench canals serving 30,700 acres or 28% of the total acreage irrigated on Fall River, Henrys Fork and Teton River. During the low water months of August and September the Egin Bench canals diverted 95,000 acre-feet or 46% of the total diversions by all canals in those months.

The total diversions by all canals on Fall River, Henrys Fork, and Teton River during the 1937 season was 64,000 acre-feet less than during 1936.

RIVER LOSSES AND GAINS IN HENRYS FORK BASIN

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

Lake to Island Park	1 day
Island Park to Warm River	1 "
Warm River to Ashton	1½ "
Ashton to St.Anthony	1½ "
St.Anthony to Rexburg	1½ "
Squirrel to Chester	½ "

Gain in Henrys Fork, Lake to Island Park stations - 1937
(Island Park dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Lake	77	132	6,154	7,018	1,342	14,723
Island Park	25,872	15,735	18,650	18,735	12,265	91,257
Total gain s.f.	25,795	15,603	12,496	11,717	10,923	76,534
Mean gain s.f.	832	520	403	378	364	500
Total gain a.f.	51,160	30,950	24,790	23,240	21,660	151,800

The gain in this section during the season was 6,000 acre-feet more than during the same period in 1936, notwithstanding the fact that the snow surveys on April 1, 1937 showed about 10% less water than a year previous. The drainage area here is largely covered with porous lava rock and each spring the melting snows sink into the ground to a great extent and later reappear in the form of springs further downstream.

The flow of Henrys Fork above Warm River is much more uniform from year to year than that from any other part of the upper Snake River drainage basin, probably due to the equalizing effect of ground-water storage in the lavas. The water contributed to this ground-water storage in wet years does not drain out entirely during that year but remains to augment the spring flow during the following year or longer, as its rate of underground travel is probably only about 7 miles per year.

Gain in Henrys Fork, Island Park to Warm River - 1937
(Warm River dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Island Park	25,790	15,910	18,360	18,966	12,342	91,368
Warm River	42,998	28,942	29,886	29,950	23,326	155,102
Total gain s.f.	17,208	13,032	11,526	10,984	10,984	63,734
Mean gain s.f.	555	434	372	354	366	417
Total gain a.f.	34,130	25,850	22,860	21,790	21,790	126,420

The total gain during the season in this section was 12,000 acre-feet more than in 1936. This is probably due, as in the upstream section, to delayed ground-water run-off from the heavy snowfall of 1936.

Gain in Henrys Fork, Warm River to Ashton stations - 1937
(Ashton dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Warm River	42,918	29,086	29,772	30,040	23,374	155,190
Ashton	64,900	40,600	38,850	38,130	29,743	212,223
Total gain s.f.	21,982	11,514	9,078	8,090	6,369	57,033
Mean gain s.f.	709	384	293	261	212	373
Total gain a.f.	43,600	22,840	18,010	16,050	12,630	113,130

The total gain for the season was about 12,000 acre-feet less than in 1936, reflecting the decreased run-off from Robinson Creek which is a tributary in this section. Monthly gains are also affected by the height maintained in the Ashton Power Reservoir of the Utah Power & Light Co. This Company, in cooperation with the watermaster, has been in the habit of permitting the water level in its reservoir to be drawn down several feet during July or August donating the water to various canals needing same, and then having the water replaced during the latter part of September by cutting various natural flow rights, still valid, in an amount sufficient to restore the lake levels.

Gain in Fall River, Squirrel to Chester stations - 1937
(Chester dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Squirrel	58,253	55,845	20,266	14,551	13,786	162,701
Diversions	11,949	22,014	15,765	11,881	7,489	69,098
Chester	56,662	39,487	5,024	3,088	7,213	111,474
Total acct. for	68,611	61,501	20,789	14,969	14,702	180,572
Total gain s.f.	10,358	5,656	523	418	916	17,871
Mean gain s.f.	334	189	17	13	31	117
Total gain a.f.	20,545	11,218	1,037	829	1,817	35,446

The gain for the 5 months period was 5,000 acre-feet less than during the 1936 season, probably due to decreased run-off from Conant Creek.

Gain in Henrys Fork, Ashton to St. Anthony stations -1937
(St.Anthony dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Ashton	64,745	40,835	38,720	38,250	28,810	212,360
Chester	56,112	40,051	5,189	3,048	7,183	111,583
Total supply	120,857	80,886	43,909	41,298	36,993	323,943
Divercions	34,652	29,207	23,438	17,669	11,128	116,094
St.Anthony	91,242	54,847	22,418	23,990	26,945	219,442
Total acct. for	125,894	84,054	45,856	41,659	38,073	335,536
Total gain s.f.	5,037	3,168	1,947	361	1,080	11,593
Mean gain s.f.	162	106	63	12	36	76
Total gain a.f.	9,990	6,284	3,862	716	2,142	22,994

The gain in this section has been gradually increasing since the 1934 drought, until in 1937 it was practically the same as in 1933. This has probably resulted from an upbuilding of the tributary water table in the Chester area.

Loss in Teton River
St. Anthony station to lowest diversion - 1937
(24-hr. sec.-ft. except as noted)

Station	July	Aug.	Sept.	Period
St.Anthony	22,644	15,912	12,831	51,387
Diversions	21,110	14,854	11,561	47,525
Total loss s.f.	1,534	1,058	1,270	3,862
Mean loss s.f.	49	34	42	42
Total loss a.f.	3,043	2,098	2,519	7,660

The flow of Teton River was practically all diverted by the canals during the above period. The "sub" did not rise high enough to overcome losses as was the case in 1936.

Gain in Henrys Fork, St.Anthony to Rexburg stations - 1937
(St.Anthony dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
St.Anthony	91,242	54,847	22,418	23,990	26,945	219,442
Teton River	16,095	1,395	0	0	0	17,490
Total Supply	107,337	56,242	22,418	23,990	26,945	236,932
Diversions	31,537	24,864	20,542	18,400	11,934	107,277
Net Supply	75,800	31,378	1,876	5,590	15,011	129,655
Rexburg	78,164	53,466	17,912	15,614	23,845	189,001
Total gain s.f.	2,364	22,088	16,036	10,024	8,834	59,346
Mean gain s.f.	76	736	517	323	294	388
Total gain a.f.	4,690	43,810	31,810	19,880	17,520	117,710

The gain in this section was less each month than during 1936, the average gain for the season being 64 second-feet less than in 1936. Due to decreased flood-water run-off on Teton River and decreased canal diversions, the tributary water table between St. Anthony and Rexburg did not rise as high in 1937 as in 1936. The total gain in this section during the five months in 1937 amounted to 14.8% of diversions by upstream canals. Part of the water diverted by the canals and contributed to the water table does not, of course, return to the river as gain until after the close of the irrigation season, and a large part escapes westward under the desert towards the Mud Lake-Roberts region.

Regulation in Teton Basin

Mr. W. I. Nielsen was again appointed as Deputy Watermaster in Teton Basin and started work on July 5 following request for regulation made by users in the Sugar City section. He was successful in handling the perplexing problems of regulation in this section in a very capable and satisfactory manner.

An agreement was entered into by committees representing upper and lower users on Teton River that the upper users would rent storage in 1937 sufficient to deliver through the Enterprise Canal to lower Teton River 50% of the amount of water available in the Teton Basin streams at the upper points of diversion on such streams. Allowing for losses in the Enterprise Canal this figured out that the Teton Basin users rented at 50 cents per acre-foot 70% of the flow of the streams after their rights were cut off or 35 cents per acre-foot for the full stream flow. No charge was made on certain creeks after the date when their flow dropped so low that, if not diverted, it would fail to reach Teton River.

Teton Basin users rented a total of 6,558 acre-feet of storage at 50¢ per acre-foot of which it proved possible to carry 1,050 acre-feet through the Enterprise Canal to Teton River. At the time the agreement between upper and lower Teton River users was entered into for 1937 it was anticipated that the new cross-cut canal from Fall River to Teton River would be completed during August 1937 and that all the storage rented by the upper users during the year could be delivered to the lower users late in August and during September at a time when they are very short of water. Due to delays in the construction work the cross-cut canal was not completed during the 1937

irrigation season so that no water could be carried through it. When this became apparent the lower users were induced to let the 1937 agreement remain in effect to preserve harmony on the stream with the understanding that they would be paid from Teton Basin storage rentals for any storage water that could not be delivered to them for lack of canal carrying capacity. Under this arrangement the watermaster paid the Committee representing the lower users $2,741.50 from water rentals by Teton Basin users. During the latter part of the season the flow of lower Teton River balanced on the June 1, 1884 rights, so rights of this priority was the only ones affected to any extent in 1937 by the foregoing agreement and action. It is anticipated that the completion of the cross-cut canal will provide plenty of capacity that can be used in 1938 and subsequent years for delivery of any storage water owned or rented by Teton Basin users.

Following are the results of various measurements in Teton Basin during 1937:

Inflow and outflow from Teton Basin - 1937

(Second-feet)

Inflow	July 15-17	Aug. 31-Sept.3	Oct. 11-12
Trail Creek	83.80	47.49	39.0
Game Creek	25,42	9.18	8.2
Darby Creek	28.45	9.69	10.1
Fox Creek	26.74	8.15	7.4
Teton Creek	122.86	15.35	24,3
Bouquet Creek	1.26	1.20	-
N. Leigh Creek	28.94	1.75	5.4
So. Leigh Creek	49.67	6.08	10.5
Paradise Creek	2.82	-	-
Springs at S.end of valley	4.60	6.40	-
Horseshoe Creek	5.08	1.74	1.5
Twin Creek	1.00	.40	-
Drake Creek	1.00	.60	1.1
Mahogany Creek	5.41	3.00	3.0
Packsaddle Creek	4.45	1.20	0.6

Inflow and outflow from Teton Basin, 1937 - cont'd.
(Second-feet)

Inflow- cont'd.	July 15-17	Aug. 31-Sept. 3	Oct. 11-12
Grove Creek	1.54	1.10	0.8
Patterson Creek	1.26	1.00	1.1
Johns Creek	1.68	.80	-
Smith Canyon	-	-	0.3
Darby Cr. Springs	-	.40	0.4
Teton Creek Springs	-	2.60	2.5
Bear Creek	-	-	0.8
Little Pine Creek	-	-	0.4
Drake Creek Spring	-	-	1.0
Henderson Creek	-	3.00	2.5
Hot Spring Creek	-	-	2.5
Total inflow	395.98	121.13	123.4
Outflow at Tetonia Sta.	448.00 (Jul. 17)	246.00(Sept.3)	233.0(Oct.12)
Gain	52.02	124.87	109.6

There were 1.4 inches of rain that fell at Driggs on July 14-15 which caused fluctuations in stream flow during the time of the first set of the foregoing measurements.

The following miscellaneous measurements in addition to those given in the preceding tabulation were made during the season.

Stream	Location	Date	Gage (feet)	Discharge (Sec.-ft.)
Trail Creek	Above String Canal	July 7	1.40	100
		July 22	1.14	73.1
		July 30	-	65.2
		Aug. 11	-	51.7
		Aug. 16	-	51.9
Game Creek	Highway near mouth	July 7	0.76	39.5
		July 22	.57	20.4
		July 30	.50	16.7
		Aug. 11	.46	12.2
		Aug. 16	.43	11.5
Derby Creek	Forest Boundary	Aug. 13	-	15.5
Fox Creek	Above diversions	July 7	-	35.8
No. Leigh Creek	At upper canal heading	July 23	-	18.6
Spring Creek	Highway at Tetonia	July 7	-	37.5

Stream	Location	Date	Gage (Feet)	Discharge (Sec.ft.)
Bitch Creek	Bridge on Felt-Ashton highway	July 20	-	93.7
Badger Creek	Sawmill	July 20	0.68	13.6
Grand Teton Canal	Head of Canal	July 16	-	43.1
		July 20	-	25.1
String Canal	Head of Canal	July 7	-	34.0
		July 15	.43	34.6
		July 22	.40	28.5
		July 29	.30	23.9
		Aug. 11	.26	22.8
		Aug. 23	.05	8.7

The water in Darby Creek at the time of the measurement on Aug. 13 was all turned down the channel and failed to reach Teton River by 2-3/4 miles the following day.

The following miscellaneous measurements were made at various points on the Henrys Fork drainage :

Stream	Location	Date	Discharge (Sec.-ft.)
Targee Creek	Above diversions near Henrys Lake	June 30	19.3
Kooch Canal	Headgate below Henrys Lake	June 25	5.7
Conant Creek Canal	Head nr. Drummond	Aug. 2	22.1
Rexburg Irr. Pump	Near Rexburg	Aug. 5	11.5
Teton Isl. Pump	Near Rexburg	Aug. 5	5.4
do.	do.	Aug. 31	10.9
Enterprise Canal	Midway between head and Teton River	Aug. 23	119.0
do.	At Teton River	Aug. 23	96.6
East Teton Canal	Nr. St. Anthony	July 8	57.7
Salem Slough Canal	Sugar City	Aug. 6	47.4
Teton Island Canal	Sugar City	Aug. 6	72.0

Canyon Creek Canal at head was not regulated prior to July 1st. Subsequent discharges were as follows: July 1-2, 30 sec.-ft.; July 12-19 incl., 22 sec.-ft.; Aug. 2-10, 15 sec.-ft.; Aug. 26-Sept. 30, 10 sec.-ft.; dry on intervening days. Discharge July 12, Sept. 6-30 was furnished by Rexburg Irrig. Co. and Aug. 26-Sept. 5 by Teton Island Feeder.Canyon Creek Canal rented 500 acre-feet from the Pool.

DISTRIBUTION IN SWAN VALLEY

Frank S. Thomas was selected by the users in this section as their local watermaster. Users on Palisade and Rainy creeks paid him directly for services regulating water on those streams, and he was paid by Water District 36 for services regulating water on other creeks in that vicinity. Users in this section rented 1,145 acre-feet of storage from the Pool and exchanged same for natural flow in various creeks. The lands in this section are all underlain with gravel and are adjacent to various stream channels into which the ground water rapidly drains. On this account and because of creek losses the users whose rights were cut were permitted to divert at the head of their ditches double the amount of stored water that they rented,on the assumption that at least half of the water so diverted would return to the river before the close of the irrigation season.

CLIMATOLOGICAL DATA

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

Precipitation in inches

(Actual and normal for year ending Sept. 30, 1937)

Month	Snake R. Wyo.		Moran, Wyo.		Afton, Wyo.		Irwin, Ida.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct. 1936	0.74	2.10	0.74	1.58	1.12	1.64	0	1.22
Nov.	.65	2.04	0.29	1.69	.23	1.88	.07	1.00
Dec.	3.05	2.66	2.10	1.76	1.13	1.30	1.47	1.17
Jan. 1937	3.37	3.68	1.53	2.46	1.41	1.37	2.10	1.50
Feb.	5.00	2.98	3.27	2.20	2.79	1.23	1.02	1.12
Mar.	2.28	3.61	2.22	2.56	1.08	1.62	.69	1.32
Apr.	4.58	1.96	3.96	1.60	1.00	1.58	1.62	.86
May	.97	2.40	.92	1.98	.98	2.12	.58	1.66
June	2.81	2.19	1.60	1.57	1.54	1.48	1.39	1.38
July	2.73	1.52	2.94	1.12	2.15	1.03	1.40	.93
Aug.	.66	1.48	.09	1.34	.18	1.32	.06	.98
Sept.	2.20	1.78	1.43	1.61	.71	1.52	1.71	1.24
Year	29.04	28.40	21.09	21.47	14.32	18.09	12.11	14.38

Month	Ashton		Idaho Falls		Pocatello		Twin Falls		Mean 8 stas.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct. 1936	0.52	1.20	0.10	1.06	0.53	1.16	0.14	0.90	0.49	1.36
Nov.	.22	1.19	.20	.61	.09	.89	0	1.08	.22	1.30
Dec.	1.15	1.56	1.00	.97	.81	1.21	.22	.89	1.37	1.44
Jan. 1937	2.35	1.82	2.30	1.10	1.70	1.39	.60	1.09	1.92	1.80
Feb.	2.24	1.29	1.10	1.03	1.80	1.27	.97	.91	2.27	1.50
Mar.	1.03	1.14	1.21	.86	1.40	1.31	.77	.98	1.34	1.67
Apr.	1.53	1.18	1.45	.89	1.89	1.43	1.16	.98	2.15	1.31
May	0.30	1.97	.75	1.37	1.05	1.52	1.38	.99	.87	1.75
June	2.33	1.44	1.30	1.10	.37	1.09	.21	.68	1.44	1.37
July	2.46	.93	1.46	.61	1.10	.77	.11	.37	1.79	.81
Aug.	.50	.70	1.10	.61	.35	.71	0	.21	.37	.92
Sept.	.79	1.16	.27	.81	.62	.81	.15	.55	.99	1.18
Year	15.42	15.68	12.24	11.02	11.71	13.56	5.71	9.63	15.22	16.51

October and November were months of deficient precipitation at all the stations. December and January were above normal at some stations and under normal at others. February was above normal at all stations except Irwin, March was generally below normal, April above normal and May averaged only about 50% of normal except at Twin Falls which was above normal. June precipitation was slightly above normal except at Pocatello and Twin Falls while July precipitation was double normal at most stations but below normal at Twin Falls. August was a dry month, except at Idaho Falls where a local cloudburst on August 1st raised the monthly precipitation above normal. September was above normal at Snake River and Irwin but below normal elsewhere. Considering the total precipitation for the year Snake River and Idaho Falls were slightly above normal while the others were below normal. The greatest deficiency was at Twin Falls where the annual precipitation was only 5.71" or 59% of normal. The average precipitation at the eight stations was 92% of normal. It is apparent from the erratic results of the precipitation records at the various stations during the year that much of the precipitation came from local storms that went in streaks through the country rather than from storms that were general in character over the entire area.

Weather conditions generally were quite favorable for growing and harvesting crops. Some deficiency was reported in the yield of seed peas in certain areas, but this is a temperamental crop at best with yields being greatly affected by various conditions that may exist from planting to harvest. Wheat yields generally were very good and the quality and yield of potatoes and sugar beets were mostly above average due to continued good growing weather in the fall and absence of too early freezes.

EXPENDITURES DURING YEAR ENDING DEC. 31, 1937

Engineers & Hydrographers

Lynn Crandall,	Salary 1 year	$4800.00
W. V. Iorns	" " "	2799.95
Melvin Luke	" 5.56 mos.@$175	974.16
L. K. Homer	" 3.23 " @$145	468.83
F. W. Tolles	" 3.66 " @$140	510.99
W. I. Nielsen	" 1.94 " @$140	270.67

Clerk

Effie C. Jones	" 1 year	$1680.00

River Riders

D. W. Archibald	80 days @ $6.00	incl.mileage	480.00
H. M. Bramwell	112 days @ $5.50	" "	616.00
D. R. Crystal	112 days @ $5.50	" "	616.00
Eugene Liljenquist	117 days @ $5.00	" "	585.00
Ralph S. Boal	44 days @ $5.50	" "	242.00
F. S. Thomas	91½ hrs. @ .50	" "	45.75
Walter C. Lenz	2.53 mos.@$40.00	" "	101.07
Orlando Jensen	29 days @ $5.00	" "	145.00
J. N. Bean	0.4 mo. @ $20.00	"	8.00
Special labor			16.00

Miscellaneous

Transportation, 48,582 miles @ 6¢ a mile,	2914.92
Telephone & telegraph,	289.23
Supplies & equipment,	904.56
Gage readers,	615.38
Construction & repairs,	1186.38
Bond premium & insurance,	50.19
Miscellaneous,	471.92
Total	$20,792.30

Expenditures from various funds

Normal flow users	$6915.88
Jackson Lake & American Falls storage	4546.02
Storage Sales account	339.62
Henrys Lake storage users	59.93
Twin Lakes " "	4.61
State of Idaho Stream Gaging fund	2519.99
U. S. Geological Survey	6385.75
Federal Power Commission	20.50
Total,	$20,792.30

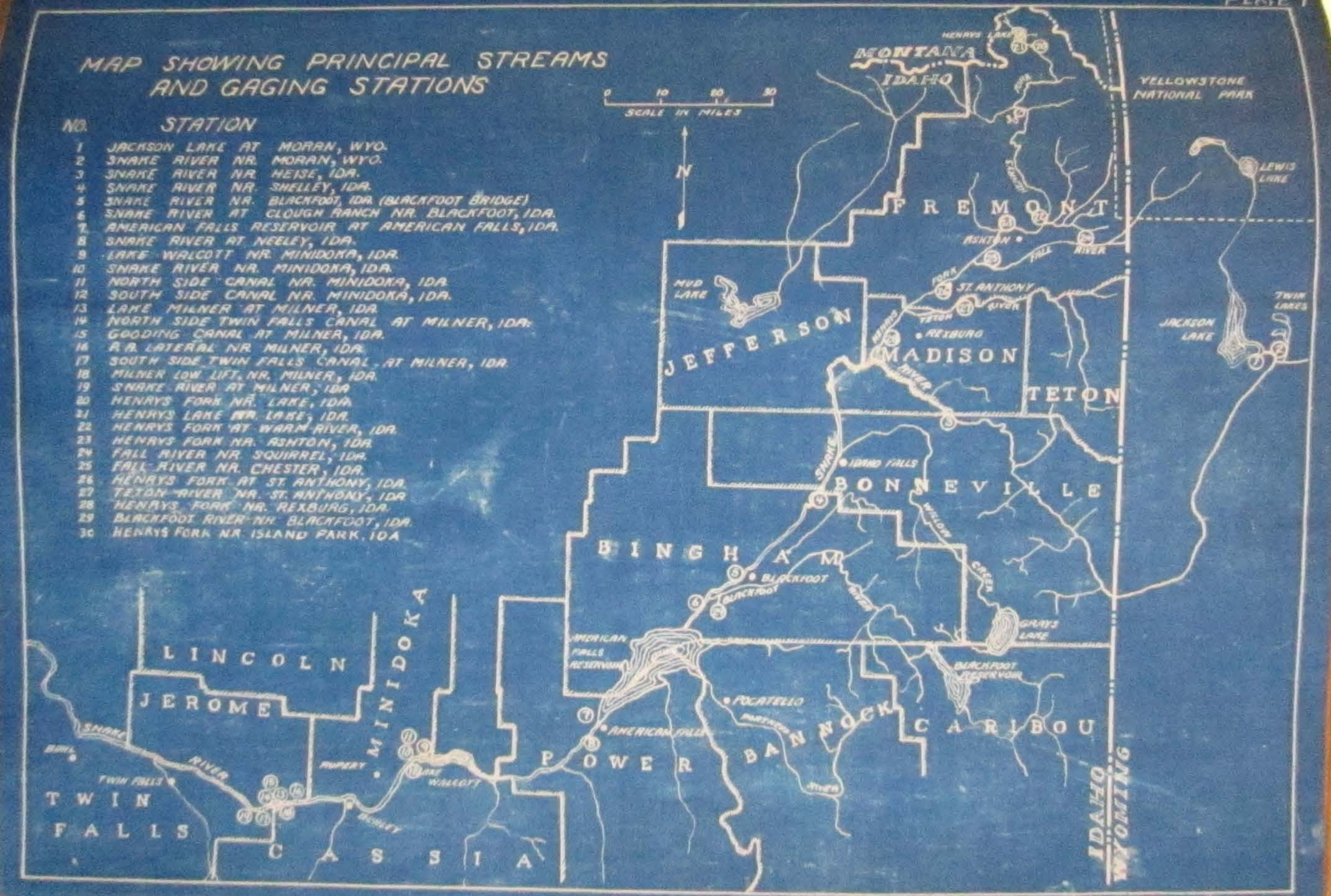
In addition to the foregoing, upper valley members of the Committee of Nine were paid $57.00 which was prorated among upper valley canals.

Funds on hand Jan. 1, 1938

U. S. Geological Survey	$1320.71
State of Idaho	355.05
Normal flow fund	2173.49
North Fork Reservoir Co.	00
Twin Lakes Storage users	00
Storage Sales account	6070.80
Total,	$9,920.05

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	A.B. 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.



...S GEOLOGICAL SURVEY (WATER RESOURCES BRANCH) HYDROGRAPH FOR ...JACKSON LAKE RESERVOIR B...

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

1931-33
1936-37
1930-31
1933-34
1935-36
1934-35
1931-32

Checked by Date

LOGICAL SURVEY (WATER RESOURCES BRANCH) HYDROGRAPH FOR JACKSON LAKE RESERVOIR Beginning Oct. 1, 1930

File No. Washington
Date Plate No. 2

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

1930-31
1929-30
1928-29
1927-28
1926-27
1925-26
1924-25
1923-24
1922-23
1921-22

GEOLOGICAL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR

Beginning

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

1929 - 30

1930 - 31

1931 - 32

1932 - 33

1933 - 34

1934 - 35

1935 - 36

1936 - 37

1937 - 38

1938 - 39

Checked by

Date

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR

Beginning Oct 1, 1930

File No. Washington / Idaho

Plate No. 3

February March April May June July August September

1929-30

1930-31

1931-32

1932-33

1933-34

ANNUAL RUNOFF IN MILLIONS OF ACRE-FEET

1 2 3 4 5 6 7

1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937

Average 5,880,000

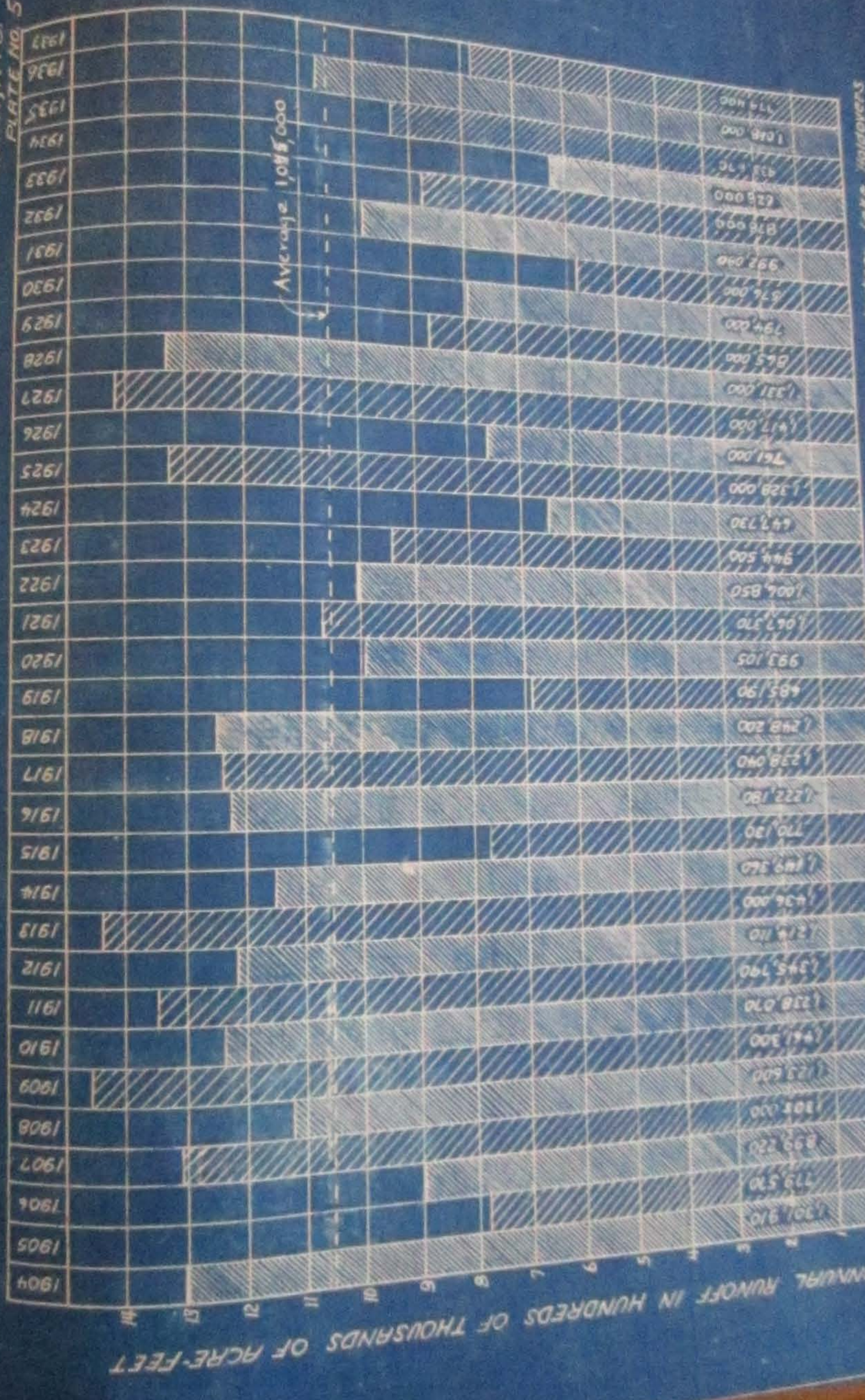
DIAGRAM SHOWING TOTAL ANNUAL RUNOFF (MONTGOMERY FERRY) IN ACRE FEET OF SNAKE RIVER AT NEELEY, IDAHO (PRIOR TO 1904)

PLATE NO. 4

Note: Runoff for 1937 is estimated for remainder of year.

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

PLATE NO. 5



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

DAILY DISCHARGE IN SEC FT. OF SNAKE RIVER CANALS FOR MAY 1937

PLATE NO. 5.

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
MILEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	21	23	23	10	13	17	10	11	3	13	10	15	10	20	300
ANDERSON	6	6	6	6	4	6	6	6	6	6	6	6	61	89	117	121	210	308	400	380	378	356	390	404	408	418	409	466	412	390	351	5316
EAGLE ROCK	18	18	18	18	20	22	22	24	24	24	24	24	24	24	24	24	24	24	164	364	296	370	460	483	488	459	459	443	446	333	333	7295
FARMERS FRIEND	78	70	60	50	30	50	50	0	0	0	0	0	0	0	0	176	203	284	364	457	504	460	407	425	407	374	339	339	350	320	295	6077
ENTERPRISE	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	58	60	60	60	124	168	171	174	176	158	138	138	138	138	136	1951
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	25
MATTSON & CRAIG	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	9	10	10	11	11	12	10	11	12	13	14	12	11	11	12	12	318
ARNSBERGER	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	9	8	8	7	6	5	89
BUTLER ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	54	54	55	52	48	45	39	28	30	35	40	44	43	716
ROSS & RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	5	5	5	5	5	1	1	1	1	1	1	55
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	5	7	7	7	7	7	7	7	7	7	8	9	10	12	12	12	12	12	12	167
HARRISON	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	100	100	100	291	498	520	498	500	500	500	185	450	450	448	440	400	6878
CHENEY	0	0	0	0	0	0	0	0	0	0	0	2	3	5	5	5	5	5	1	1	1	1	7	7	7	8	8	8	8	8	8	110
BOOMER	0	0	0	0	0	0	0	0	0	0	0	24	34	37	62	67	108	128	222	216	168	143	143	161	181	200	213	206	216	216	216	2961
RUBY	0	0	0	0	0	0	0	0	0	0	0	8	8	10	11	12	16	19	34	34	56	56	56	41	54	34	14	23	39	34	48	609
KITE & NORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	6	6	6	6	6	6	6	2	2	54
BURGESS	22	22	22	22	22	22	22	22	22	198	340	390	441	530	621	538	515	691	700	657	665	743	743	745	927	1010	1020	970	928	778	628	15077
CLARK & EDWARDS	6	6	6	6	6	6	6	6	6	6	6	6	40	53	53	53	53	53	62	71	71	84	79	78	91	90	89	90	90	90	92	1454
LOWDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	25	40	40	40	40	40	39	39	39	39	445
JENNINGS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	6	6	6	6	6	6	6	6	6	7	8	8	7	95
EAST LABELLE	50	50	64	0	104	90	83	83	83	80	76	76	66	59	59	59	59	59	0	0	0	0	0	0	0	0	140	85	150	155	152	1887
SUNNYDELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	101	110	120	175	160	119	140	140	140	140	141	91	140	140	141	135	2334
LENROOT	6	6	6	6	6	6	6	6	6	6	6	6	50	100	120	130	140	150	160	170	169	165	160	155	150	150	142	140	140	140	100	2705
REID	40	40	40	40	40	40	45	50	55	60	60	65	71	74	89	103	114	154	154	149	142	156	152	147	148	145	137	149	149	147	143	3078
TEXAS FEEDER	40	45	49	49	50	50	50	50	50	50	50	50	70	90	130	150	200	240	270	290	290	240	300	300	300	295	292	292	292	292	292	5258
NELSON-COREY	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	10	16	16	16	16	16	10	127
HILL-PETTINGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	8	8	8	8	80
RIGBY	0	0	0	0	0	0	0	0	0	30	30	60	71	71	71	71	90	120	172	172	185	199	199	199	213	219	224	206	169	167	167	3124
ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	64	81	67	107	114	121	129	126	128	144	157	150	152	1569
DILTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	17	17	20	26	31	37	37	30	28	26	24	23	21	21	21	389
W. LABELLE & L. ISLAND	10	10	10	10	10	10	10	10	10	10	10	10	100	150	200	250	275	275	275	275	275	300	350	450	500	530	530	530	530	530	500	6945
PARK & LEWISVILLE	0	0	0	0	0	0	0	0	0	0	0	60	120	120	120	120	124	223	152	280	263	295	302	333	294	312	302	302	306	261	252	4639
NORTH RIGBY	20	22	24	26	26	26	26	26	26	26	26	26	26	30	40	50	50	50	50	52	52	52	52	52	52	52	52	48	46	41	41	1177
WHITE	0	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	0	0	0	0	10
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAMWELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	11
BUTTE & MKT. LAKE	66	66	74	45	66	80	95	110	120	120	120	120	120	120	134	163	148	178	208	238	276	253	268	348	315	280	315	348	316	316	208	5584
OSGOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	107	111	107	113	113	113	714
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	3	3	3	3	3	3	3	3	31
SMITH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENNEDY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	21	21	27	33	33	33	33	33	33	33	33	335
IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	230	236	294	327	485	773	776	834	834	834	827	834	840	834	833	833	654	647	512	12417
GREAT WESTERN	34	34	34	34	34	34	41	41	39	70	126	156	177	196	202	215	238	276	296	307	316	330	383	392	434	458	460	474	483	463	473	7847
PORTER	0	0	0	0	0	0	0	0	0	61	76	78	78	78	83	105	127	152	196	194	211	204	205	237	244	265	276	270	257	250	252	3514
COY & HELLER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	13
WOODVILLE	0	0	0	0	19	19	19	19	19	22	22	29	35	45	47	47	52	53	53	58	65	64	64	64	78	63	67	67	77	41	41	1235
SNAKE RIVER VALLEY	0	0	0	123	123	123	123	123	217	217	217	320	320	320	320	455	455	551	631	623	597	577	577	599	716	759	691	691	653	537	455	12107
TOTAL HEISE TO SHELLEY	444	463	451	503	650	652	672	642	749	1152	1181	1582	2217	2501	2978	3547	4083	5110	6108	6577	6528	7050	7285	7630	8122	7980	8044	7982	7825	7520	6506	125382
RESERVATION	0	0	0	0	0	0	10	20	30	30	30	30	90	212	241	319	476	685	698	740	723	695	654	676	741	735	723	677	658	643	591	11654
BLACKFOOT	20	20	20	20	20	20	20	20	20	20	161	172	192	211	317	323	353	364	374	376	378	378	381	390	398	409	365	357	344	288	283	5991
NEW LAVA SIDE	0	0	0	0	0	0	0	0	35	46	46	51	51	51	88	94	146	144	140	161	153	140	114	128	145	140	140	126	121	117	92	2342
PEOPLES	8	8	8	8	8	8	8	8	104	220	210	210	241	322	395	435	454	492	500	522	520	507	511	541	530	556	574	572	537	572	564	10335
ABERDEEN-SPRINGFIELD	338	338	335	406	418	418	416	413	495	541	547	555	633	719	795	839	855	969	1058	1120	1160	1190	1220	1150	1280	1360	1320	1320	1300	1252	1193	25819
CORBETT	0	0	0	0	3	0	0	0	0	0	0	0	0	131	135	146	151	153	165	167	126	119	142	154	158	140	140	160	167	177	159	2340
NIELSEN-HANSEN	1	1	1	1	1	1	1	1	1	1	1	1	3	10	11	11	11	11	13	14	15	16	16	16	16	16	16	17	17	17	14	267
RIVERSIDE	18	18	18	18	18	18	18	18	18	38	42	57	87	96	104	115	132	150	150	150	130	118	112	112	112	118	118	113	113	114	114	2535
DANSKIN	0	0	0	0	30	80	80	120	160	164	164	168	170	190	223	233	234	235	236	236	237	228	235	233	241	262	264	266	268	252	250	5416
TREGO	0	0	0	0	0	0	0	0	5	9	9	9	34	42	58	58	54	64	63	64	65	62	64	60	55	57	57	57	60	61	57	1133
MCCARTRICK	0	0	0	0	0	0	0	0	0	0	0	0	20	40	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	1046
WATSON	8	8	8	8	8	8	8	8	8	8	133	133	67	61	72	83	94	114	115	116	113	108	108	108	117	122	127	114	114	110	100	2049
PARSONS	0	0	0	0	0	0	0	0	0	0	0	18	18	18	34	31	31	30	30	30	30	30	29	27	26	25	24	24	25	24	30	547
TOTAL SHELLEY TO CLOUGH	333	313	290	461	525	555	561	618	916	1077	1133	1373	1636	1933	2541	2794	3070	3474	3534	3723	3587	3446	3455	3583	3731	3811	3803	3717	3720	3457	3191	87285

DAILY DISCHARGE IN SEC-FT. OF SNAKE RIVER CANALS FOR JUNE 1937

PLATE NO. 1

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	9	9	18	29	34	34	4	13	11	2	2	2	2	2	2	2	11	24	35	34	33	35	40	39	38	34	34	33	32	30	1
ANDERSON	220	219	218	217	211	205	198	192	192	197	195	199	194	210	208	206	388	416	411	378	406	405	395	388	380	369	362	374	384	386	8
EAGLE ROCK	230	172	164	156	154	164	161	159	161	162	161	156	169	156	157	156	164	387	387	417	424	444	448	448	440	442	442	441	441	423	9
FARMERS FRIEND	230	219	214	210	210	250	339	387	387	350	212	201	201	220	200	375	434	357	357	357	357	357	357	403	393	393	393	393	393	393	9
ENTERPRISE	120	119	119	118	116	114	112	110	45	100	102	102	102	110	120	150	170	199	199	199	199	199	199	199	221	205	189	189	189	189	4
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	4
MATTSON & CRAIG	13	13	13	13	13	13	14	15	16	17	18	18	18	19	16	18	18	18	17	17	17	17	17	17	16	16	14	13	13	11	4
APNSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	5	5	5	5	5	5	4	1	0	1	4
BUTLER ISLAND	43	43	43	43	43	43	43	43	43	43	43	43	43	43	44	48	48	48	48	48	47	48	47	46	53	50	50	51	51	52	1
ROSS & RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	3	5	6	5	5	4	4	4	4	4	5	4	4	1
STEELE	11	11	11	10	9	8	8	8	8	8	3	3	3	3	3	3	3	3	3	8	8	8	8	8	8	8	8	8	8	8	2
HARRISON	226	226	226	280	347	345	389	541	560	465	465	176	200	240	283	527	500	473	475	477	475	470	475	481	485	466	466	466	466	466	2
CHENEY	6	6	6	5	5	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	8	9	6	6	7	6	6	12,100
BOOMER	184	131	113	112	97	97	95	123	155	107	84	107	116	114	123	133	164	138	137	138	119	117	118	153	142	133	126	123	123	145	169
RUDY	34	34	27	21	27	21	21	21	21	21	16	12	12	12	21	21	41	47	44	42	51	53	53	69	60	56	52	53	52	53	32,57
KITE & NORD	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	8	8	9	9	8	8	7	8	10	10	8	8	8	8	8	1010
BURGESS	477	460	460	542	542	542	542	741	740	477	584	521	540	557	734	914	1030	982	982	973	946	862	857	857	866	848	840	831	809	809	149
CLARK & EDWARDS	92	81	72	72	72	72	82	82	82	82	69	69	69	69	69	87	96	70	70	71	71	71	71	78	78	71	71	71	71	71	219
LOWDER	33	33	33	33	33	33	33	25	20	19	19	19	19	19	19	19	27	35	33	41	36	46	47	41	41	41	42	42	42	42	22
JENNINGS	6	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	9	8	8	8	8	8	7	6	7	7	8	8	9
FIRST LABELLE	151	154	150	146	143	142	141	140	140	140	138	137	136	136	78	28	137	129	127	126	122	126	126	131	129	126	119	126	126	126	1
SUNNYDELL	101	101	91	84	100	119	134	138	138	144	139	139	119	114	90	143	143	139	144	146	158	175	189	208	201	191	149	140	162	170	34
LENROOT	70	64	64	64	64	64	65	70	70	70	70	90	100	100	100	130	160	177	184	197	201	220	217	222	202	195	176	143	142	142	42
REID	128	86	88	86	78	87	87	106	97	89	81	85	81	84	85	83	111	139	170	174	172	197	74	199	195	197	170	186	186	199	3
TEXAS FEEDER	300	300	320	311	310	310	300	290	290	290	285	285	285	284	281	278	275	273	282	277	277	282	282	272	286	282	257	269	273	277	86
NELSON-COREY	8	8	8	8	8	8	8	8	1	1	1	1	1	1	1	1	1	1	7	8	8	20	20	19	19	17	14	13	26	20	7
HILL-PETTINGER	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	8	8	8	6	3	3	5
RIGBY	173	165	165	165	160	160	146	160	160	160	160	160	160	188	188	202	199	159	161	161	161	161	161	192	192	163	157	162	162	162	50
ISLAND	153	139	145	139	133	141	141	126	127	143	142	139	142	142	139	128	142	155	143	142	153	146	153	160	166	164	153	164	162	164	48
DILTS	11	11	11	11	13	13	13	29	25	29	25	25	10	10	10	10	12	13	20	20	28	38	28	27	27	30	20	26	28	28	5
WALABELLE & L. ISLAND	450	400	370	370	370	370	367	365	360	360	360	360	360	360	360	360	358	437	521	521	518	521	518	521	521	524	521	521	510	510	12
PARIS & LEWISVILLE	244	247	234	233	207	223	223	229	233	249	252	242	249	260	277	267	326	359	357	353	355	355	355	373	371	349	321	352	353	352	8
NORTH RIGBY	42	42	42	42	42	42	44	44	44	44	44	50	60	60	60	61	61	45	51	51	51	51	51	58	55	48	47	55	50	50	14
WHITE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	10	11	6	3	3	6	8	5	6
ELLIS	0	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6	5	10
BRAMWELL	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	8	8	9	10	11	11	11	10	9	8	6	7	8	15
BUTTE & MKT. LAKE	266	176	199	202	206	176	147	185	176	148	131	131	145	158	160	285	258	235	246	257	268	281	346	338	354	358	370	343	338	338	7
OSGOOD	112	111	114	117	117	116	115	112	112	113	113	114	115	115	113	113	118	115	115	116	117	118	120	119	118	117	118	117	118	118	3
BEAR ISLAND	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	1	1	1	3	3	3	3	3	3	3	3	3	5
SMITH	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	1
KENNEDY	25	20	20	20	20	20	20	20	25	30	30	30	30	30	36	36	42	48	40	36	36	36	36	42	33	33	33	34	36	36	9
IDAHO	460	460	512	475	475	477	517	645	645	645	634	645	630	734	871	976	976	1050	967	976	976	1040	1110	1110	1040	1010	1000	965	1010	1020	24
GREAT WESTERN	439	423	409	398	389	350	340	330	358	374	376	378	379	381	376	371	389	404	403	402	316	420	481	481	479	460	452	458	477	476	12
PORTER	223	192	180	177	175	153	131	122	139	158	136	136	139	148	148	192	231	231	235	239	239	235	273	257	257	249	243	235	243	270	5
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	43	43	52	52	52	52	78	79	44	44	56	56	61	67	66	67	73	75	79	79	81	80	80	80	77	79	72	73	73	67	14
SNAKE RIVER VALLEY	457	457	457	427	398	398	429	529	609	601	601	544	489	589	569	599	655	716	697	647	647	702	714	729	702	647	589	567	577	607	17
TOTAL HEISE TO SHELLEY	5826	5392	5374	5403	5397	5396	5501	6242	6138	5794	5809	5398	5421	5758	6134	7084	7744	8135	8183	8169	8323	8629	8800	8807	8740	8483	8241	8047	8155	8125	204
RESERVATION	215	236	254	206	164	165	323	327	384	352	332	359	378	398	534	588	598	615	633	640	610	562	598	647	628	597	601	584	571	598	13
BLACKFOOT	211	191	385	190	145	200	205	242	238	286	295	301	316	351	346	357	344	365	377	369	353	379	357	349	359	355	335	313	326	347	2
NEW LAVA SIDE	61	64	68	91	91	82	94	138	138	140	114	113	132	150	150	150	148	152	151	150	152	150	157	122	143	151	136	143	154	150	3
PEOPLES	473	435	427	370	355	309	352	418	423	478	494	414	420	425	425	432	433	429	433	431	429	431	429	475	475	433	437	429	427	432	12
ABERDEEN-SPRINGFIELD	1100	994	981	988	962	940	962	1000	1010	960	962	962	980	1010	1060	1120	1170	1240	1230	1260	1250	1260	1260	1260	1250	1250	1260	1250	1250	33
CORBETT	95	95	104	134	136	146	136	134	140	119	130	133	126	136	143	157	154	142	163	160	150	152	170	141	157	0	144	139	119	120	3
NIELSEN-HANSEN	6	4	4	4	4	4	4	9	14	14	14	13	14	14	14	2	7	9	10	11	11	11	11	11	6	11	8	7	0	3	3
RIVERSIDE	114	110	110	110	110	114	114	114	114	114	117	120	114	104	104	106	107	108	109	107	107	109	109	110	109	105	97	97	97	90	3
DANSKIN	190	180	180	180	180	180	180	190	195	214	214	224	205	185	184	180	170	165	193	200	181	197	185	185	189	181	166	161	183	170	2
TREGO	59	54	52	51	54	52	49	46	49	58	49	54	56	58	50	48	68	66	70	77	75	68	71	70	65	66	59	67	59	61	1
WEARY RICK	52	50	50	50	50	50	50	50	50	64	64	65	64	63	60	53	52	50	51	53	52	52	54	62	64	60	54	53	54	47	1
WATSON	93	90	86	115	115	111	107	100	94	105	115	114	108	103	102	101	94	100	101	106	100	99	102	107	104	100	92	88	99	99	3
PARSONS	30	19	19	18	18	18	17	16	15	17	22	21	27	30	24	24	23	22	22	22	19	19	20	23	21	21	21	23	22	21	1
TOTAL SHELLEY TO CLOUGH	3589	3513	3586	3507	3434	3361	3491	3776	3823	3781	3823	3798	3840	3913	3960	3974	3966	3960	3940	3966	3990	3957	3933	3935	3959	3834	3704	3556	3624	3554	87

DAILY DISCHARGE IN SEC-FT. OF SNAKE RIVER CANALS FOR JULY 1937

PAGE NO. 5

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	31	26	32	33	36	36	36	36	36	34	34	34	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	1024
ANDERSON	389	366	357	348	376	379	381	356	352	350	385	383	384	404	406	406	382	386	390	400	380	392	399	414	406	394	383	387	381	378	385	11,901
EAGLE ROCK	431	469	473	439	509	411	409	427	429	449	490	563	490	563	563	562	582	593	599	614	638	631	693	639	690	706	719	715	729	721	653	17,468
FARMERS FRIEND	353	353	353	353	353	350	353	353	353	353	125	114	114	393	413	406	411	409	409	411	409	409	407	407	405	403	403	403	403	403	403	11,319
ENTERPRISE	188	188	186	186	185	117	63	80	78	76	75	73	72	70	103	97	100	98	96	106	105	0	55	51	50	95	102	120	110	110	110	3,161
NELSON	0	0	0	1	1	0	0	0	0	0	0	0	1	3	3	3	1	0	0	0	0	1	3	3	3	0	0	3	0	3	0	33
MATTSON & CRAIG	14	16	16	15	9	9	8	7	8	8	8	7	8	7	7	7	7	7	9	10	10	13	12	9	6	6	11	9	8	8	8	297
ARNSBERGER	4	3	0	4	6	6	0	5	0	0	0	0	0	0	0	0	0	0	0	0	7	6	0	0	0	0	0	0	0	0	0	49
BUTLER ISLAND	50	50	50	50	50	50	44	44	48	46	48	50	50	51	50	50	49	48	49	49	48	49	48	48	48	48	48	47	46	46	46	1509
ROSS & RAND	4	4	5	7	4	4	5	5	4	3	4	4	4	5	3	4	4	4	4	4	5	4	5	5	5	5	5	5	5	5	5	138
STEELE	8	7	7	7	7	7	8	7	7	7	7	8	8	8	7	7	7	7	7	6	6	6	6	7	7	6	6	6	6	6	6	212
HARRISON	466	466	466	469	466	469	380	401	491	6	6	6	6	466	466	466	466	466	476	466	466	466	466	466	466	466	466	468	466	466	469	12,497
CHENEY	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	187
BOOMER	141	140	140	140	135	128	134	131	129	133	127	134	137	128	128	125	121	125	137	137	134	139	139	139	139	137	138	141	139	139	141	4175
RUDY	51	47	46	44	43	44	49	48	56	52	51	52	52	48	54	52	50	51	56	49	47	48	48	48	47	46	45	52	50	49	49	1526
MITE & NORD	7	8	8	8	8	9	0	0	0	0	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	7	1	2	0	0	0	163
BURGESS	804	804	804	813	810	765	760	717	667	700	700	704	804	796	774	800	800	800	809	800	800	800	800	800	800	756	756	761	756	756	752	23937
CLARK & EDWARDS	71	71	71	71	72	72	74	66	71	70	70	70	70	70	69	69	68	68	69	69	68	70	70	71	70	70	73	74	71	71	71	2180
LOWDER	45	45	45	44	45	42	37	6	6	6	6	6	43	49	49	49	44	43	44	44	48	46	45	44	44	6	6	4	8	6	6	961
JENNINGS	8	8	8	8	8	1	1	1	1	1	1	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	206
EAST LABELLE	125	118	116	116	122	123	122	122	120	120	120	124	124	124	121	118	121	110	117	124	123	124	124	124	123	125	123	124	124	122	122	3769
SUNNYDELL	172	95	93	95	95	95	95	87	87	86	104	131	151	161	149	145	145	146	160	169	160	166	53	67	64	61	66	62	102	58	64	3384
LENROOT	140	142	140	142	142	76	76	78	76	76	58	58	58	74	89	111	148	142	172	227	220	217	222	146	136	100	87	92	111	136	96	3786
REID	199	179	165	156	166	124	147	132	114	133	5	5	81	90	100	114	130	125	167	161	158	168	161	154	160	128	127	139	143	132	132	4100
TEXAS FEEDER	282	277	282	282	269	269	269	263	269	269	269	265	267	263	267	265	249	261	237	236	220	210	217	208	206	204	202	201	201	199	206	7544
NELSON - COREY	19	19	19	18	18	18	18	15	16	17	17	17	17	17	17	17	16	16	16	14	14	13	13	13	13	10	7	8	10	11	11	469
HILL - PETTINGER	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	82
RIGBY	161	160	160	156	159	159	157	136	155	152	151	152	153	161	161	160	158	156	155	154	154	155	152	161	161	161	10	191	166	166	170	4783
ISLAND	166	160	156	160	166	176	169	164	152	166	159	162	159	170	162	160	160	155	156	159	155	95	95	95	95	95	95	95	103	108	108	4367
DILTS	29	26	26	25	25	26	24	0	0	0	0	0	23	24	23	23	21	22	23	26	29	26	24	30	28	28	0	0	0	0	28	536
W. LABELLE & L. ISLAND	510	510	510	510	510	510	510	510	481	459	472	461	470	448	446	443	442	440	435	481	434	433	434	434	435	433	433	434	434	434	434	14,554
PARKS & LEWISTVILLE	350	350	348	348	348	348	343	345	340	344	334	350	343	322	352	352	345	345	350	350	350	350	350	350	352	354	348	350	348	348	348	10,857
NORTH RIGBY	50	50	50	50	50	49	49	49	49	48	48	45	48	50	47	47	45	46	47	48	48	48	48	51	51	51	50	50	50	50	48	1511
WHITE	4	4	4	4	4	4	4	5	4	5	5	5	5	4	4	4	3	4	4	4	3	5	5	5	5	5	5	5	5	5	5	137
ELLIS	5	5	5	5	5	5	5	5	1	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	131
BRAMWELL	8	8	7	7	8	9	10	10	11	11	11	11	10	10	10	11	11	11	11	10	10	10	10	10	11	11	10	10	10	10	10	307
BUTTE & MKT. LAKE	354	346	338	330	320	319	237	259	245	232	236	240	244	217	190	206	232	240	270	300	294	287	278	268	285	302	319	318	316	310	303	8745
OSGOOD	117	117	100	115	115	115	114	114	115	103	113	113	113	113	113	113	113	113	114	114	0	0	0	0	114	114	114	115	115	98	100	3454
BEAR ISLAND	3	3	3	0	0	3	3	3	3	3	0	0	3	3	3	3	3	0	3	3	3	3	3	3	0	3	3	3	3	3	3	93
SMITH	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	7
KENNEDY	35	0	0	0	0	33	42	42	42	43	42	42	37	37	38	37	36	36	36	0	45	45	44	45	43	42	41	40	39	34	35	1045
IDAHO	1010	1000	986	986	979	982	966	824	767	752	755	946	934	973	963	1050	1030	1020	1010	1100	1090	1070	1120	1180	1180	1180	1170	1160	1160	1160	1158	31,883
GREAT WESTERN	477	80	0	0	0	395	502	584	482	489	489	487	489	490	481	472	476	471	469	466	469	439	455	465	477	468	461	425	398	397	392	13,540
PORTER	268	0	0	0	0	276	263	257	245	233	234	236	237	243	249	246	243	243	243	245	239	235	248	249	246	243	239	200	201	200	194	5471
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	0	73	73	73	72	70	71	73	75	77	80	80	84	0	0	0	82	81	80	79	78	77	79	79	79	0	0	34	34	26	28	1035
SNAKE RIVER VALLEY	615	613	615	595	599	611	619	556	514	516	499	486	493	617	663	691	669	645	669	691	683	647	635	647	708	693	685	643	647	661	573	19,859
TOTAL HEISE TO SHELLEY	8108	7941	7887	7810	7851	7940	7863	7794	7631	7645	7659	7859	7911	8018	8033	8043	8065	8065	8176	8234	8041	8023	8135	8140	8157	8111	8041	8044	8044	8044	8044	248,946
RESERVATION	647	651	596	598	602	618	660	588	319	291	496	552	596	634	633	669	580	573	580	580	428	104	0	0	0	0	0	0	0	0	0	11,040
BLACKFOOT	381	370	367	355	370	399	370	386	313	331	316	296	233	381	343	324	374	355	339	357	333	334	345	408	408	396	340	398	396	334	315	9,933
NEW LAVA SIDE	147	157	154	0	0	150	153	159	155	152	130	140	150	154	136	141	142	142	152	157	150	150	154	153	79	85	78	83	81	82	75	4,183
PEOPLES	433	446	433	482	482	435	435	435	403	403	406	410	416	412	413	423	423	406	423	437	458	452	459	459	463	450	464	458	448	446	455	13,885
ABERDEEN - SPRINGFIELD	1370	1360	1358	1360	1360	1350	1310	1100	1030	1000	1000	998	959	924	914	927	953	983	998	1040	1080	1150	1180	1260	1280	1280	1270	1270	1270	1290	1290	36,000
CORBETT	139	139	145	143	0	139	139	137	143	117	103	94	84	72	114	133	137	100	84	71	80	74	185	114	141	134	134	134	134	0	0	3,054
NIELSEN - HANSEN	11	15	16	12	10	11	12	13	13	13	11	11	9	10	11	11	14	14	9	5	3	3	1	14	15	17	17	19	11	9	9	305
RIVERSIDE	89	89	93	105	104	104	101	101	93	87	66	84	80	81	97	106	101	108	101	96	112	103	103	93	96	111	111	111	100	110	110	5603
DAN SKIN	188	186	180	178	175	193	184	190	179	178	170	162	149	183	193	190	184	170	166	146	182	173	193	148	200	186	195	189	175	178	190	5807
TREGO	69	74	71	68	66	66	69	65	53	50	47	46	44	52	56	58	64	65	56	51	55	49	58	70	75	68	68	63	60	58	0	1917
WERRY RICK	47	59	19	40	39	40	35	35	41	42	39	38	33	45	49	47	50	49	43	40	40	39	43	59	62	62	52	55	52	53	54	1417
WATSON	90	100	98	93	96	109	99	105	97	98	97	97	97	98	98	98	97	93	88	81	78	70	72	110	112	119	116	116	119	123	118	2834
PARSONS	23	23	22	22	21	23	23	23	23	23	23	22	20	24	6	23	20	20	18	17	23	20	24	25	27	22	23	23	24	25	25	674
TOTAL SHELLEY TO CLOUGH	3503	3500	3446	3446	3423	3553	3504	3570	3659	3635	3489	3660	2863	4990	5043	3078	3132	3088	3035	3033	3045	2695	2801	3496	3772	3609	3415	3496	3355	3451	3296	97,810

PLATE NO. 9

DAILY DISCHARGE IN SEC.-FT. OF SNAKE RIVER CANALS FOR AUG. 1937

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL FEET
ALLEN	0	0	0	0	4	11	11	16	10	11	14	18	18	14	11	11	14	18	18	10	8	5	8	33	10	33	33	33	33	33	33	548
ANDERSON	401	352	341	354	316	335	264	258	278	343	354	344	348	337	335	302	340	337	333	300	301	294	291	308	305	290	290	290	290	290	290	9,683
CASTLE ROCK	433	423	437	442	388	434	444	449	466	455	449	455	451	462	435	497	462	452	467	501	500	491	491	508	505	490	490	490	490	490	490	14,295
FARMERS FRIEND	354	351	351	351	351	352	351	348	349	348	348	339	339	347	346	364	362	356	360	362	376	378	378	349	348	333	334	334	334	334	334	10,861
ENTERPRISE	110	110	11	21	21	16	117	117	117	117	117	117	18	20	20	18	123	123	131	115	114	111	23	23	24	32	32	107	107	96	97	2,305
NELSON	0	0	2	2	1	0	0	0	3	3	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
MATTSON & CRAIG	8	8	0	0	0	11	14	13	15	11	10	10	10	10	10	11	15	12	11	11	12	14	21	14	8	11	9	11	9	0	0	301
ARNSBERGER	0	0	0	0	0	0	0	0	0	3	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
BUTLER ISLAND	47	46	0	55	54	51	53	53	55	55	55	49	49	49	49	49	49	48	49	49	49	49	49	49	48	49	49	49	49	48	48	1561
ROSS & RAND	5	4	4	4	4	3	3	3	3	4	2	4	3	3	3	4	0	4	4	5	4	4	5	6	4	4	4	4	4	4	4	116
STEELE	7	7	5	5	4	4	8	6	6	7	7	8	8	8	8	8	8	8	8	5	5	4	5	4	7	7	7	6	7	6	6	197
HARRISON	466	466	466	466	10	10	8	8	466	466	466	466	466	466	469	469	469	469	469	469	4	4	4	10	10	15	471	471	471	1	1	10	8518
CHENEY	7	7	6	0	0	0	0	0	4	4	7	3	7	7	7	3	3	0	4	4	5	5	5	5	0	0	0	0	0	0	0	43
BOOMER	148	144	144	141	140	138	146	145	141	148	140	135	143	143	144	143	143	148	144	105	81	82	83	84	82	80	82	83	83	85	84	3732
RUDY	51	49	48	50	50	48	47	46	47	50	52	53	54	53	51	60	58	55	57	43	32	32	33	34	35	38	37	38	38	37	37	1414
KITE & NORD	0	0	0	0	0	0	0	5	5	5	5	2	2	2	2	1	1	1	1	1	5	5	5	5	1	2	2	1	0	0	0	59
BURGESS	752	752	747	752	747	738	743	743	403	394	398	402	402	398	398	398	398	398	398	406	402	402	402	402	402	402	402	402	402	402	402	15189
CLARK & EDWARDS	71	71	70	70	70	70	69	69	68	68	70	70	70	70	69	70	69	69	69	70	70	70	70	70	70	70	70	70	70	70	68	70	2160
LOWDER	6	43	43	45	6	6	4	4	42	42	42	43	43	36	30	4	4	9	14	13	10	5	5	5	18	13	16	18	19	5	5	598
JENNINGS	0	0	0	0	0	0	9	9	8	8	8	9	10	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5	5	9	9	4	103
EAST LABELLE	123	118	116	117	115	120	117	120	120	113	118	125	125	122	125	124	120	115	117	110	119	117	117	116	112	109	105	102	105	106	108	3604
SUNNYDELL	70	64	64	63	64	79	77	79	84	86	92	92	86	91	90	84	80	0	0	78	84	84	82	87	84	84	94	90	89	0	0	2147
LENROOT	110	100	98	99	88	98	111	106	94	136	154	152	152	194	190	148	148	88	84	41	38	41	41	41	55	84	139	141	143	144	78	3336
REID	117	101	117	126	127	143	119	116	133	135	148	106	106	106	100	92	92	92	92	96	95	97	97	99	92	91	92	92	90	92	97	3298
TEXAS FEEDER	210	210	206	210	206	201	194	189	199	199	204	182	184	184	187	180	191	193	190	195	174	174	170	174	170	174	174	174	174	174	186	5832
NELSON-COREY	10	9	1	7	1	5	2	2	1	9	11	11	12	12	7	5	2	9	7	5	7	6	4	4	5	3	2	3	1	7	6	176
HILL-PETTINGER	2	2	2	1	1	1	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	30
RIGBY	167	164	162	161	161	160	160	160	158	158	158	162	157	162	162	160	164	164	164	161	170	164	164	161	162	153	124	120	164	164	164	5013
ISLAND	108	103	106	106	107	106	104	107	103	112	106	75	75	75	75	75	0	0	0	131	129	131	133	0	0	0	131	132	131	132	0	2548
DILTS	20	20	20	25	0	0	0	0	0	2	20	20	25	31	0	0	0	0	0	0	46	44	44	0	0	0	0	0	20	20	20	433
W. LABELLE & L. ISLAND	459	437	427	437	427	424	413	408	418	429	413	411	413	413	421	413	410	418	416	416	411	417	405	421	424	408	395	397	402	402	402	12917
PARKS & LEWISVILLE	338	341	352	341	322	350	350	329	345	334	335	347	346	346	312	312	328	328	324	326	306	307	307	309	311	283	290	294	283	280	278	9902
NORTH RIGBY	50	50	50	50	50	50	45	50	50	50	50	49	49	50	49	48	48	47	47	45	42	45	45	45	48	50	47	51	51	51	51	1503
WHITE	5	5	5	5	5	4	4	4	4	5	5	4	4	4	4	4	3	4	3	3	5	5	3	4	4	3	4	3	4	4	4	127
ELLIS	4	4	3	3	3	3	2	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	4	4	4	4	4	95
BRAMWELL	10	10	10	10	10	9	9	8	8	9	10	0	9	9	9	9	9	9	9	8	8	8	8	9	9	9	9	9	9	8	8	268
BUTTE & MRT LAKE	0	0	0	0	0	0	204	204	204	240	240	241	248	256	250	0	0	0	0	0	0	140	240	247	242	238	0	0	0	0	0	3294
OSGOOD	97	97	97	97	121	118	116	116	117	117	120	124	124	133	121	120	110	110	110	118	118	114	120	121	122	123	122	122	121	120	114	3541
BEAR ISLAND	0	3	3	3	3	3	3	0	0	3	3	1	1	3	0	0	0	3	3	3	3	3	0	3	3	3	0	0	0	0	0	0	91
SMITH	1	1	0	0	0	0	1	0	1	1	1	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	17
KENNEDY	40	42	42	40	37	33	29	30	32	34	50	34	34	34	35	36	37	35	34	32	29	32	34	34	35	34	34	33	31	30	31	1072
IDAHO	1000	1040	1090	1080	1060	1070	982	896	868	925	1070	1070	989	986	973	957	952	941	947	934	922	974	979	974	868	883	890	883	883	883	884	29814
GREAT WESTERN	369	367	361	367	374	371	363	362	360	371	370	368	365	366	354	349	344	349	348	343	338	336	332	332	331	325	325	325	325	325	325	10425
PORTER	219	214	219	218	217	223	205	220	220	225	220	215	205	235	240	250	253	253	253	262	270	273	277	280	281	280	282	285	280	277	274	7625
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	79	80	81	0	0	0	67	75	75	75	87	89	0	0	0	0	80	80	80	81	80	80	0	0	0	87	96	90	94	94	94	0	1734
SNAKE RIVER VALLEY	402	448	479	497	514	573	118	0	0	0	463	661	671	683	677	677	647	579	556	546	556	565	563	559	533	516	495	506	516	527	557	15648
TOTAL HEISE TO SHELLEY	6420	6440	6844	6946	6545	6520	6193	6078	6191	6583	7217	7275	7031	7184	7033	6750	6763	6517	6454	6058	6015	6219	6092	5784	5745	5659	5242	5344	5402	5506	5546	200047
TOTAL SHELLEY TO CLOUGH	1047	201	1944	1318	1597	1416	1604	1355	1335	1430	1326	1465	1559	1543	1501	1414	1376	1330	1341	1270	1208	1320	1305	1241	1220	1184	1105	1127	1120	1141	1162	42357
RESERVATION	0	0	0	0	0	0	0	0	0	250	264	383	382	371	371	346	269	369	267	265	265	259	258	258	259	261	267	0	0	0	0	4851
BLACKFOOT	133	148	153	302	304	288	265	250	250	264	383	382	371	371	346	269	369	267	265	265	259	258	258	259	261	267	0	0	0	0	0	4851
NEW LOVA SIDE	146	141	151	150	145	82	80	81	80	82	86	85	85	81	74	90	80	81	82	83	76	80	74	78	71	74	85	83	80	83	87	2391
PEOPLES	0	0	0	0	436	429	417	420	452	448	463	460	462	466	465	465	0	0	0	0	418	416	420	446	459	448	446	0	0	454	408	9220
ABERDEEN-SPRINGFIELD	1110	1040	1048	1040	1080	1060	264	0	0	68	819	1000	1020	1020	1018	998	944	805	758	737	801	761	781	780	789	784	745	586	743	645	647	26,485
CORBETT	133	101	0	86	108	97	110	108	104	99	102	103	98	106	104	111	123	120	116	117	96	86	80	79	96	89	89	134	114	97	106	3183
MILLER-HANSEN	10	11	10	11	14	9	15	9	7	5	8	7	5	13	13	12	14	14	15	15	3	9	5	5	11	11	9	13	11	9	9	343
RIVERSIDE	111	110	104	102	99	113	104	113	113	113	0	0	121	126	124	124	115	113	113	115	108	108	110	119	121	125	120	130	122	114	114	3533
DANSKIN	142	140	138	138	102	171	163	144	146	138	140	143	143	139	138	135	103	185	184	182	165	160	164	163	169	161	178	192	190	178	177	4833
TREGO	0	0	64	65	66	0	0	0	0	0	57	54	65	68	0	0	0	0	0	0	61	24	58	65	0	0	0	0	0	64	64	1405
WEARYRICK	46	52	29	40	35	34	54	66	72	52	57	56	58	64	54	52	54	57	54	48	39	34	36	38	42	42	38	45	41	35	37	1494
WATSON	108	111	116	112	115	110	97	92	101	102	111	109	95	98	94	91	102	97	97	96	88	94	96	100	97	96	87	100	97	93	95	3094
PARSONS	24	27	28	22	23	23	23	22	20	19	24	21	19	20	20	23	24	21	21	21	18	22	22	22	24	20	20	24	18	17	17	694
TOTAL SHELLEY TO CLOUGH	1047	201	1944	1318	1597	1416	1604	1355	1335	1430	1326	1465	1559	1543	1501	1414	1376	1330	1341	1270	1208	1320	1305	1241	1220	1184	1105	1127	1120	1141	1162	42357

DAILY DISCHARGE IN SEC-FT. OF SNAKE RIVER CANALS FOR SEPT. 1937

PLATE NO. 10

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
ANLEY	9	9	13	13	10	10	10	10	9	5	9	2	1	1	0	0	5	5	5	5	4	3	4	2	1	1	1	1	1	0	152
ANDERSON	288	282	276	275	256	254	250	245	244	243	221	199	174	161	157	165	239	264	251	225	255	243	210	206	201	241	216	162	155	143	6557
ENGLE ROCK	507	511	515	514	540	544	548	553	555	541	584	610	619	626	640	627	534	504	546	553	553	545	536	536	536	536	536	536	536	510	15937
FARMERS FRIEND	315	313	306	310	299	296	290	287	287	271	264	248	241	310	313	293	348	340	313	306	303	316	296	290	290	294	299	261	235	256	8871
ENTERPRISE	99	12	10	10	8	8	8	8	8	86	78	60	30	12	8	13	81	97	88	85	84	96	72	67	65	75	75	30	12	10	1405
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	3	0	0	0	0	0	0	0	0	9
MATTSON & CRAIG	0	0	0	0	1	14	13	15	19	7	5	2	0	0	1	2	18	18	18	10	9	9	9	4	8	6	5	4	5	2	204
ARNSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUTLER ISLAND	48	48	47	47	46	46	47	46	46	45	45	44	41	44	41	43	48	48	46	45	46	46	45	45	45	45	45	43	41	40	1351
ROSS & RAND	4	4	4	4	3	3	3	3	3	3	4	3	3	2	2	3	4	4	3	3	5	5	4	5	4	4	4	4	3	3	106
STEELE	3	4	5	4	6	5	5	5	5	5	4	5	5	5	5	3	5	5	4	4	4	4	3	3	3	3	4	5	5	6	132
HARRISON	10	10	10	10	10	462	462	463	462	2	2	2	10	10	10	410	454	40	77	61	62	65	62	62	62	65	65	123	123	173	3840
CHENEY	5	5	4	4	0	0	0	0	0	0	3	2	1	0	0	0	2	5	5	4	4	5	4	4	4	4	4	2	1	1	73
BOOMER	80	80	80	80	80	80	81	80	79	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	85	85	85	85	2420
RUDY	32	32	33	34	33	34	34	35	35	36	32	32	32	32	32	31	32	32	32	32	32	32	32	32	32	32	32	32	32	32	977
KITE & NORD	0	1	2	4	4	0	0	0	2	3	3	3	3	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	30
BURGESS	402	402	402	402	402	402	402	401	398	398	401	401	402	401	402	402	402	402	402	402	402	401	401	401	401	401	401	401	401	402	12051
CLARK & EDWARDS	70	70	70	70	70	70	70	68	68	70	70	70	70	63	61	52	70	68	70	69	68	70	68	68	70	70	70	70	69	70	2052
LOWDER	6	6	5	5	5	5	5	5	5	5	5	5	5	10	13	13	16	16	16	16	16	13	13	13	20	20	20	20	20	22	344
JENNINGS	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
EAST LABELLE	111	111	113	112	111	109	113	113	111	113	109	115	99	90	87	63	111	112	112	111	111	112	108	106	105	102	102	102	99	81	3149
SUNNYDELL	93	83	58	55	45	49	77	70	59	42	0	0	0	12	13	25	37	63	28	34	26	30	22	18	22	24	25	46	38	28	1122
LENROOT	107	89	89	88	56	41	41	55	55	112	104	83	42	34	36	39	42	42	42	42	42	42	42	41	39	42	42	42	42	38	1651
REID	86	67	66	69	69	64	66	64	71	67	59	40	63	30	21	30	67	67	63	66	67	67	67	65	67	67	67	59	60	63	1846
TEXAS FEEDER	170	174	174	174	170	174	174	170	194	165	158	143	147	102	96	102	172	172	172	172	172	172	172	167	172	169	172	158	156	161	4846
NELSON - COREY	1	6	9	7	3	7	8	8	11	0	0	0	0	0	0	0	12	19	20	20	20	20	20	19	2	0	0	0	0	0	219
HILL-PETTINGER	0	1	2	2	1	1	1	1	2	0	0	0	0	0	0	0	1	3	3	2	3	3	3	3	3	0	2	1	1	1	40
RIGBY	166	161	161	161	161	161	161	161	161	167	161	159	151	141	143	111	148	161	161	161	161	161	159	156	156	159	161	151	146	141	4469
ISLAND	0	0	0	146	143	117	113	0	0	0	0	131	118	110	113	0	0	0	0	118	124	127	122	0	0	0	121	99	94	91	1887
DILTS	0	0	0	0	0	0	0	0	0	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	24	22	21	207
W. LABELLE & L. ISLAND	368	384	343	358	353	338	328	333	338	348	340	336	306	302	306	302	350	361	346	340	292	282	278	292	287	292	268	263	254	249	9517
PARKS & LEWISVILLE	286	285	287	283	247	237	217	268	273	279	277	270	244	277	273	264	304	307	290	287	257	247	247	250	247	250	247	234	218	215	7797
NORTH RIGBY	49	51	51	51	51	49	50	50	50	53	50	50	38	21	19	11	25	50	50	50	50	50	49	50	50	50	50	47	36	25	1326
WHITE	3	4	5	3	3	3	5	5	4	5	4	4	1	0	0	0	1	4	4	3	4	4	3	4	3	4	3	3	2	2	93
ELLIS	2	3	3	2	2	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	0	0	33
BRAMWELL	8	8	8	8	7	7	7	7	7	8	8	7	7	0	0	0	0	6	8	8	8	2	2	1	1	2	2	1	0	0	132
BUTTE & MKT. LAKE	142	139	100	180	180	0	0	0	0	0	17	17	16	15	14	14	14	16	18	19	34	34	32	29	29	29	19	19	218	65	1644
OSGOOD	119	119	119	120	121	122	123	123	124	124	123	122	120	119	118	118	119	110	122	124	122	120	119	118	117	116	114	116	119	119	3549
BEAR ISLAND	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	3	3	3	3	24
SMITH	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	0	7
KENNEDY	32	31	31	31	32	33	35	33	32	29	24	20	20	18	17	15	12	14	17	21	20	19	19	19	20	21	22	18	14	14	685
IDAHO	877	875	701	710	719	728	737	746	755	764	665	677	643	695	695	695	509	503	503	503	503	503	503	372	371	372	352	444	372	372	17865
GREAT WESTERN	325	324	324	324	320	318	230	182	180	177	175	172	175	178	177	174	185	178	177	169	123	137	148	145	145	108	108	118	124	124	5744
PORTER	269	264	263	278	278	278	63	66	69	64	59	57	55	55	55	56	58	56	54	52	51	50	50	50	50	45	45	44	43	43	2420
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	0	0	79	77	79	77	76	76	9	9	10	10	9	9	8	7	7	8	8	19	19	19	20	16	12	12	12	12	12	11	420
SNAKE RIVER VALLEY	542	542	554	539	537	516	489	475	475	470	451	413	481	106	0	0	0	378	501	436	402	388	382	356	337	330	323	316	295	279	11360
TOTAL HEISE TO SHELLEY	5735	5601	5483	5510	5450	5466	5313	5235	5207	4812	4618	4385	4514	4113	3957	4044	4517	4581	4618	4462	4537	4511	4415	4329	4082	4051	4083	4047	4038	3901	140375
RESERVATION	0	0	0	0	0	0	107	301	297	293	298	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1546
BLACKFOOT	293	332	293	293	275	275	0	0	0	0	209	208	260	220	0	0	0	0	250	281	272	282	0	0	0	0	144	238	193	181	4595
NEW LAVA SIDE	83	83	87	85	83	84	84	82	84	81	80	84	85	82	83	83	81	83	82	80	80	79	87	85	84	83	83	124	141	145	2650
PEOPLES	422	418	418	0	0	0	0	418	414	410	406	391	0	24	24	44	46	427	418	420	420	408	46	50	50	52	410	406	403	410	7355
ABERDEEN-SPRINGFIELD	689	668	624	618	616	616	639	695	765	609	0	0	0	0	0	0	0	0	0	0	0	127	698	594	627	627	627	526	231	130	10097
CORBETT	96	101	90	120	124	116	122	88	72	82	122	107	128	109	112	108	114	68	113	132	134	137	151	124	128	131	88	86	60	58	3241
NIELSEN - HANSEN	5	4	4	6	6	4	6	3	0	0	2	1	3	1	1	4	5	0	8	9	9	9	11	9	10	11	9	9	9	2	162
RIVERSIDE	113	115	116	120	120	101	101	97	88	82	95	90	94	90	90	88	91	82	91	92	90	92	94	92	92	92	92	92	69	60	2828
DANSKIN	192	192	185	196	150	150	150	138	144	158	185	170	185	172	168	166	169	79	140	190	186	139	140	140	142	143	140	136	134	137	4892
TREGO	61	0	0	0	0	0	0	0	0	58	70	61	0	0	0	0	0	0	0	0	0	0	0	58	64	66	0	0	0	28	23	489
WENAHRICK	39	40	39	44	47	19	19	18	46	41	62	31	34	32	45	44	45	27	19	54	52	47	52	47	48	50	47	47	47	38	1219
WATSON	99	98	99	104	94	92	92	85	77	58	106	91	108	99	89	96	90	25	11	110	103	103	108	94	89	90	94	88	86	74	2445
PARSONS	18	18	18	17	18	17	17	16	12	12	13	12	13	12	12	16	16	9	0	16	12	12	11	11	11	11	9	9	9	8	385
TOTAL SHELLEY TO CLOUGH	2099	2058	1973	1960	1933	1876	1955	1941	1959	1849	1698	1496	1616	1341	1314	1499	1653	1302	1333	1554	1557	1520	1541	1404	1413	1420	1357	1267	1245	1176	47892

STREAM	MAY 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	JUN 1	2	3	4	5	6	7
BIG JIMMY CREEK	36	36	36	36	36	36	36	36	36	35	35	35	35	34	34	34	34	33	33	33	33	32	32	32	32	32	32	32	31	31	31	30	30	30	30	30	30	30
PORTNEUF RIVER INFLOW BELOW POCATELLO	295	295	295	295	295	294	293	292	291	290	289	288	287	286	285	284	283	282	281	280	279	278	277	276	275	275	276	280	285	290	300	310	330	340	353	351	349	347
BIG SPRING CREEK	458	458	458	458	458	457	456	455	454	453	453	452	451	450	450	449	448	447	447	446	445	444	444	443	442	442	442	442	442	442	443	443	443	443	443	446	445	446
CLEAR CREEK	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	115	115	115	115	115	115	115	115	115	115	115
FORD CREEK	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	7	7	7	7	7	7	7	7	7
KINNEY CREEK	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29
WIDE CREEK	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
PYLE SPRINGS	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
McTUCKER SPRINGS	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	25	25
HULL SPRINGS	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6
TANNER SPRINGS	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PORTNEUF RIV. AT POCATELLO	460	471	493	526	560	595	595	606	595	584	560	526	493	471	438	416	384	364	342	311	290	250	225	212	199	186	166	145	130	130	145	166	154	145	135	119	113	110
CRYSTAL DITCH	16	16	16	16	16	16	16	16	15	15	15	15	14	14	14	14	13	13	13	13	12	12	11	11	11	12	13	15	16	18	19	20	21	22	23	22	21	20
CRYSTAL WASTE	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	15	16	16	17	18	19	19	19	18
DANIELSON SPRINGS	42	42	42	42	42	42	42	42	42	42	43	43	43	43	43	43	43	43	44	44	44	44	44	44	44	45	46	47	49	50	51	53	54	56	57	56	55	54
ARTESIAN SPRINGS	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STERLING WASTE	6	6	6	6	6	6	6	6	6	5	5	5	4	4	4	3	3	3	2	2	2	1	1	1	1	1	1	2	2	2	3	3	4	4	4	4	4	4
COLBURN WASTE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
ABERDEEN WASTE	10	10	10	10	10	10	11	11	12	12	13	13	14	14	15	16	16	17	17	18	19	19	20	21	21	25	30	35	40	45	50	60	70	80	89	88	86	84
TARTAR WASTE	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	8	9	10	12	14	16	17	18	18	16	14	12
SCHILTZ WASTE	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
CEDAR WASTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5	10	15	20	20	15	10	5
ROSS FORK	36	36	36	36	36	36	36	36	36	35	35	35	34	34	34	33	33	33	33	32	32	32	31	31	31	31	31	32	32	32	33	33	34	34	34	34	35	36
TRIPLE CREEK	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	3	3	4	4	4	4	4
BANNOCK CREEK	39	39	39	39	39	38	37	36	35	34	32	30	28	26	22	18	14	10	6	5	4	3	2	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3
RUEGAR SPRINGS	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
TOTAL MEASURED	1679	1710	1738	1765	1799	1831	1829	1837	1824	1807	1782	1743	1709	1678	1641	1612	1572	1547	1521	1485	1442	1417	1389	1374	1359	1353	1342	1338	1339	1357	1397	1448	1478	1491	1513	1482	1451	1420
UNMEASURED INFLOW	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
TOTAL INFLOW C-N	2979	3010	3032	3065	3099	3131	3129	3137	3124	3107	3082	3043	3009	2978	2941	2912	2872	2847	2821	2785	2742	2717	2689	2674	2659	2653	2642	2638	2639	2657	2697	2748	2778	2791	2813	2782	2751	2720
MONTHLY TOTALS																										MAY TOTAL				83,546								

INFLOW TO AMERICAN FALLS RESERVOIR 1937

CLOUGH TO NEELEY STATIONS

24 HOUR SECOND FEET

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
30	30	30	31	31	31	31	31	31	31	32	32	32	32	32	32	31	31	30	30	30
351	349	347	345	343	341	339	338	336	335	334	333	332	331	332	333	333	334	335	336	336
444	445	446	448	449	451	452	452	452	453	453	454	454	454	454	454	453	453	452	452	452
115	115	115	115	115	115	115	115	115	115	116	116	116	116	116	116	117	117	117	118	118
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	28	28	28	28
53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	54	54	54
14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
26	25	25	24	23	22	22	22	23	24	25	26	27	27	27	27	27	26	26	26	26
6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7
0	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
119	113	110	105	111	119	110	104	105	101	100	94	90	77	69	68	73	70	65	64	63
22	21	20	19	18	17	17	16	15	14	13	12	11	10	10	10	10	11	11	11	11
19	19	18	18	17	17	17	17	17	17	17	16	16	16	17	18	19	20	21	22	23
56	55	53	52	50	49	48	48	49	49	50	50	51	51	51	52	52	53	53	54	54
2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
4	4	5	5	6	6	6	6	6	6	6	5	5	5	5	5	6	6	7	8	8
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
88	86	85	84	82	80	79	73	67	61	55	49	46	43	40	35	30	26	20	20	17
16	12	10	8	7	6	6	6	6	7	7	8	8	8	8	8	7	7	6	6	6
3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	4	4	3	3	3
15	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	1	1	1
34	35	35	36	37	38	38	38	37	36	35	34	33	33	33	33	32	32	31	30	30
4	4	4	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1
3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
1466	1460	1451	1441	1432	1425	1433	1419	1412	1402	1394	1380	1373	1355	1346	1343	1341	1327	1321	1324	1321
1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
2766	2760	2751	2741	2732	2725	2733	2719	2712	2702	2694	2680	2673	2655	2646	2643	2641	2627	2621	2624	2621

26	27	28	29	30	JUL 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
30	29	28	27	27	26	26	26	26	26	27	27	27	27	27	28	28	28	28	28	28
332	328	324	320	316	313	313	313	312	312	311	311	311	310	310	310	309	309	309	307	309
451	450	449	448	447	447	448	449	451	452	453	455	456	457	459	460	461	463	464	465	462
118	117	117	116	116	116	116	116	115	115	115	114	114	114	114	113	113	113	112	112	112
7	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	28
54	54	54	54	54	54	54	54	54	54	55	55	55	56	56	57	57	58	58	59	59
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
26	26	26	26	26	26	26	26	26	26	26	26	26	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	7
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
63	63	56	55	52	49	57	58	63	69	70	79	105	116	113	111	108	107	104	98	95
11	10	9	9	8	8	8	8	8	7	7	7	6	6	6	6	5	5	5	5	5
23	24	25	25	26	26	26	27	27	27	28	28	28	29	29	30	30	31	31	31	31
54	54	54	53	53	53	53	52	51	50	50	49	48	47	46	45	44	43	42	42	42
2	3	3	4	5	5	5	5	5	4	4	4	4	4	4	3	3	3	3	3	3
6	4	2	2	1	1	1	1	1	2	2	3	3	4	4	5	5	6	6	6	6
1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14
6	6	6	6	6	6	6	6	7	7	8	8	9	9	10	10	11	11	12	12	11
3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3
1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
30	30	31	31	32	32	32	32	32	31	31	31	31	31	30	30	30	29	29	29	29
1	2	2	3	4	4	4	4	4	4	3	3	3	3	2	2	2	1	1	1	1
3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	23	23	23	23	23	23
1374	1366	1292	1284	1280	1273	1282	1284	1289	1295	1298	1308	1335	1341	1344	1343	1340	1341	1339	1334	1327
1300	1300	1300	1300	1300	1290	1290	1290	1290	1294	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290
2674	2666	2592	2584	2580	2563	2572	2574	2579	2589	2588	2598	2625	2636	2634	2633	2630	2631	2629	2624	2617

JUNE TOTAL 80,438

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
28	28	28	27	27	27	27	27	27	27	27	27	27	27	27
311	313	315	316	318	320	322	323	324	325	326	327	328	329	330
459	456	453	450	447	444	440	437	434	431	428	425	422	419	416
112	112	111	111	111	110	110	110	109	109	109	108	108	108	107
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
59	58	58	57	56	56	55	55	54	54	54	54	54	54	54
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
27	27	27	26	26	26	25	25	25	25	25	25	25	25	25
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	1	1	1	1
84	77	73	69	67	64	61	59	57	56	55	54	53	52	51
8	8	7	6	6	5	5	5	5	5	5	5	5	5	5
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
41	40	40	39	38	38	37	36	36	35	34	34	33	32	32
6	6	6	6	5	5	5	4	4	4	4	4	3	3	3
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	13	13	12	11	10	9	8	8	7	6	6	5	5	4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
1324	1309	1290	1283	1272	1262	1252	1242	1232	1222	1212	1202	1192	1182	1172
1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290
2614	2599	2580	2573	2562	2552	2542	2532	2522	2512	2502	2492	2482	2472	2462

1937

| | | |

PLATE NO. 11

		24	25	26	27	28	29	30	31	SEP 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
51	17	26	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
348	28	321	322	323	324	323	322	321	320	319	318	316	315	314	313	312	311	309	308	307	306	305	304	303	302	300	299	298	297	296	296	296	296	296	296	296	296	296	296
359	311	458	457	457	457	457	456	455	455	454	453	453	452	452	451	450	450	449	448	448	447	447	446	446	445	445	444	444	443	443	443	443	443	443	443	443	443	443	443
1132	112	111	113	115	116	116	116	116	116	116	116	116	116	117	117	117	117	117	117	117	117	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118
77	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
258	28	29	28	28	28	28	28	28	29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
539	59	57	57	56	56	56	56	56	56	56	56	56	56	56	56	56	56	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
145	15	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
247	27	26	27	27	27	27	27	27	27	27	27	24	26	26	26	26	26	26	26	26	26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
47	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
21	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	1	1	1	1	1	1	1	1
1145	104	73	48	71	71	77	77	77	73	73	73	84	82	101	88	89	89	90	91	91	89	88	85	84	85	84	71	82	96	91	90	88	93	93	94	95	94	94	94
225	5	9	9	9	9	9	9	9	9	10	10	10	10	10	11	11	11	11	11	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13
191	30	24	25	25	25	25	25	25	24	24	24	24	23	23	23	23	22	22	22	22	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20
562	42	42	43	43	43	43	43	43	43	43	43	44	44	44	44	44	44	44	44	44	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
23	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	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	1	1	1	1	1	1	1
865	141	15	13	10	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
141	10	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
33	3	1	2	2	2	2	2	2	2	2	2	2	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	0	0
154	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
349	29	35	35	35	35	35	35	35	35	36	36	36	36	36	37	37	37	37	37	38	38	38	38	38	38	39	39	39	39	39	39	39	39	39	39	39	39	39	39
41	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	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	1	1	1	1	1	1	1	1	1
243	231	19	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
1148	1332	1293	1290	1291	1291	1296	1294	1292	1287	1284	1284	1292	1284	1304	1291	1290	1288	1287	1287	1288	1284	1281	1274	1272	1271	1269	1254	1268	1270	1270	1269	1267	1272	1272	1273	1274	1273	1273	1272
90	1290	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
1230	1262	2577	2570	2571	2571	2576	2574	2572	2567	2564	2564	2572	2564	2584	2571	2570	2568	2567	2567	2568	2564	2561	2554	2552	2551	2549	2534	2548	2550	2550	2549	2547	2552	2552	2553	2554	2553	2553	2553
			AUGUST TOTAL 78823																													SEPT TOTAL					76,736		

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				
MAY 16	565910			50				
17	574750			48				
18	586000			46				
19	596200			43				
20	609280	0	40	40		0	0	
21	618380	-1316	1354	38		-1316	-33	
22	629600	-2422	2458	36		-2422	-60	
23	635460	-2485	2528	43		-2485	-62	
24	647680	-1358	1406	48		-1358	-34	
25	656890	-108	162	54		-108	-3	
26	671890	-136	199	63		-136	-4	
27	684080	0	72	72		0	0	
28	694570	0	101	101		0	0	
29	709530	0	153	153		0	0	
30	721560	0	82	82		0	0	
31	729420	0	50	50		0	0	
JUNE 1	736150	0	25	25		0	0	
2	742820	0	34	34		0	0	
3	750270	0	43	43		0	0	
4	758740	0	34	34		0	0	
5	767200	0	25	25		0	0	
6	775200	-2126	2150	24		-2126	-53	
7	780210	-3035	3058	23		-3035	-76	
8	786230	-3413	3437	24		-3413	-85	
9	793000	-3361	3386	25		-3361	-84	
10	800050	-3199	3173	26		-3199	-80	
11	807430	-2168	2895	727		-2168	-54	
12	811930	-301	1531	1230		-301	-8	
13	820010	-68	1358	1290		-68	-2	
14	824830	-1162	2282	1120		-1162	-29	
15	830430	-2550	3527	977		-2550	-64	
16	836280	-3424	4424	1000		-3424	-86	
17	843920	-1553	3283	1730		-1553	-39	
18	848510	0	3290	3290		0	0	
19	849020	0	3880	3880		0	0	
20	850050	0	3910	3910		0	0	
21	852610	0	3980	3980		0	0	
22	855170	1471	2879	4350		1471	37	
23	857230	1946	2894	4840		1946	49	
24	856200	605	3825	4430		605	15	
25	855170	0	3550	3550		0	0	
26	853890	0	2840	2840		0	0	
27	853890	0	2570	2570		0	0	
28	854160	0	2820	2820		0	0	
29	852870	0	3490	3490	0	0	0	
30	850820	0	3550	3550	90	90	2	
JUL 1	849280	0	3080	3080	90	90	2	

HEISE + RILEY			DIV. HEISE-SHELLEY			HEISE TO SHELLEY LOSS STORED	REXBURG	MARKET LAKE SPRINGS
STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL			
		14220			9087		3190	
		15021			5220		3200	
		14123			6188		3180	
		15725			6677		3170	
0	13828	13828			6828		3050	
-1283	13793	12510			7050	-63	2970	
-2362	15175	12813			7269	-115	2830	
-2423	16340	13917			7630	-118	2060	
-1324	14144	19820			8122	-65	2260	
-105	15527	15422			7906	-6	2340	
-132	15337	15205			8046	-6	2280	
0	15712	15712			7992	0	2210	
0	16419	16419			7924	0	2490	
0	15615	15615			7203	0	2500	
0	13310	13310			6506	0	2170	
0	11809	11809			5826	0	1900	
0	10408	10408			5392	0	1650	
0	9998	9998			5372	0	1920	
0	10724	10724			5403	0	1340	
0	10724	10724			5397	0	1650	
0	9604	9604			5386	0	1980	
-2073	10847	8774			5501	-101	1250	
-2959	11332	8373			6292	-145	1000	
-3328	11799	8471			6138	-142	902	
-3277	12079	8802			5794	-140	1060	
-3119	11831	8712			5809	-152	1260	
-2114	11466	9352			5378	-103	1450	
-293	10995	10702			5421	-14	2950	
-66	10368	10302			5758	-3	3990	
-1133	11235	10102			6134	-55	3680	
-2486	12588	10102			7084	-131	3080	
-3338	14249	10911	0	7294	7294	-163	2690	
-1514	13638	12124	259	7876	8135	-74	2900	
0	12725	12725	212	7921	8183	0	2670	
0	13624	13624	206	7963	8169	0	2240	
0	14432	14432	383	7940	8323	0	2300	
0	14335	14335	464	8165	8629	0	2320	
1437	14007	12441	458	8142	8800	70	2360	
1917	15522	12439	418	8453	9071	94	2090	
590	14948	15438	326	8564	8940	29	1320	
0	13039	13039	488	8125	8613	0	836	
0	11837	11837	425	7916	8341	0	660	
0	11031	11031	230	7862	8092	0	600	
0	10630	10630	282	7873	8155	0	562	
0	11428	11428	379	7896	8225	0	539	
88	11343	11431	370	7798	8168	4	534	
88	10638	10726	122	7304	7426	4	544	

DATE	SA
	STOR.
MAY 16	
17	
18	
19	
20	
21	
22	0
23	-1220
24	-2297
25	-2305
26	-1259
27	-100
28	-126
29	0
30	0
31	0
JUN 1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	-1972
9	-2814
10	-3166
11	-3157
12	-2963
13	-2011
14	-279
15	-63
16	-1078
17	-2365
18	-3175
19	-1697
20	-212
21	-206
22	-383
23	-446
24	706
25	1940
26	1855
27	-45
28	-96
29	-23
30	-28
JUL 1	-37
2	-28
3	-3

DAILY SUMMARY OF DATA AT AND BETWEEN SNAK

24 HOUR SECOND FEET EXCEPT AS NOTED

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	GLOUGH STOR.	GLOUGH NORM.	GLOUGH TOTAL	CALCULATED INFLOW GLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR Contents Ac.Ft.	NEELEY STOR.	NEELEY NORM.	NEELEY TOTAL	LAKE WALCOTT Contents Ac.Ft.	MINI NORTH
MAY 18			12600	0		3439						9140	2647	MAY 18	1 718 440			11700	95620	1578
19			12600			3562						8630	2821	20	1 708 960			11700	93630	1576
20			12600			3722						8850	2786	21	1 711 200			11700	94150	1574
21			11700			3684						8510	2762	22	1 706 280			11700	93180	1578
22	0	9360	9360			3660	0			0	6700	6700	2717	23	1 698 880	0	11400	11400	92910	1576
23	-1220	9120	7900			3673	- 33		- 1147	-1147	6037	4890	2689	24	1 691 490	2183	9417	11600	93930	1576
24	-2247	9777	7530			3783	-135		- 2112	-2112	6052	3940	2674	25	1 682 060	3579	8726	12300	94030	1576
25	-2305	10515	8210			3829	-138		- 2167	-2167	6067	3900	2659	26	1 673 640	1974	8726	10700	93790	1566
26	-1259	10579	9320			3912	- 74		- 1183	-1183	6073	4890	2653	27	1 668 640	1874	8726	10600	93630	1580
27	- 100	10030	7930			3903	- 6		- 94	- 94	6084	5990	2642	28	1 662 020	1974	8726	10700	93630	1618
28	- 126	9276	9450			3927	- 8		- 118	-118	6088	5970	2638	29	1 658 270	1974	8726	10700	93550	1600
29	0	10300	10300			3870	0		0	0	5920	5920	2639	30	1 655 290	2024	8726	10750	94250	1630
30	0	11700	11700			3651	0		0	0	7390	7390	2657	31	1 655 940	1941	8559	10000	96150	1240
31	0	11300	11300			3191	0		0	0	8790	8790	2697	JUN 1	1 670 320	- 24	8594	8570	95430	983
JUN 1	0	9970	9970			2689	0		0	0	8430	8430	2748	2	1 675 390	- 393	8793	8400	95550	983
2	0	8730	8730			2512	0		0	0	7250	7250	2778	3	1 673 100	- 184	8674	8490	95930	983
3	0	7430	7430			2524	0		0	0	6100	6100	2799	4	1 677 580	- 251	9121	8870	94600	981
4	0	7360	7360			2507	0		0	0	5370	5370	2813	5	1 673 100	439	8381	8820	95910	983
5	0	7840	7840			2434	0		0	0	5680	5680	2786	6	1 679 220	- 5	7955	7950	95460	981
6	0	7900	7900			2361	0		0	0	6230	6230	2746	7	1 675 900	-512	8092	7580	94950	976
7	0	6700	6700			2493	0		0	0	5420	5420	2751	8	1 673 100	- 65	8385	8320	94990	979
8	-1932	7032	5060			2776	-118		-1854	-1854	5154	3300	2741	9	1 665 340	1236	8019	9230	94950	1050
9	-2814	7074	4260			2893	-149		-2645	-2645	4585	1940	2742	10	1 656 500	1785	7895	9680	95180	1140
10	-3166	7826	4660			2921	-190		-2976	-2976	4286	1810	2745	11	1 644 550	2133	7227	9360	94190	1200
11	-3117	8387	5270			2927	-187		-2930	-2930	5310	2380	2733	12	1 636 040	1549	7531	9080	93900	1200
12	-2967	8507	5540			2883	-178		-2789	-2789	5329	2550	2719	13	1 633 830	1837	8093	9080	95070	1210
13	-2011	9041	7030			2940	-121		-1890	-1890	5260	3370	2712	14	1 629 410	722	8058	9030	94490	1220
14	- 279	9289	9010			3012	- 17		- 262	- 262	5412	5250	2702	15	1 628 430	1328	7972	9200	94720	1280
15	- 63	8863	8800			3200	- 4		- 59	- 59	5809	5750	2694	16	1 618 350	1366	8314	9480	94490	1310
16	-1078	9018	7940			3329	- 65		-1013	-1013	5813	4800	2680	17	1 613 440	1497	8503	10000	94490	1300
17	-2365	9065	6700			3346	-142		-2223	-2223	5787	3560	2673	18	1 605 290	1487	8493	9980	94950	1400
18	-3175	9615	6440			3460	-191		-2984	-2984	5744	2760	2655	19	1 596 590	1524	8456	9980	94720	1470
19	-1699	8959	7260			3540	-102		-1597	-1597	4807	3210	2646	20	1 590 420	1101	8399	9500	94650	1490
20	- 212	7842	7630			3566	- 13		- 199	- 199	3959	3760	2643	21	1 586 270	1247	7963	9200	95180	1499
21	- 206	8246	8040			3490	- 12		- 194	- 194	4534	4340	2641	22	1 581 920	2308	6402	8710	95910	1480
22	- 383	8903	8520			3457	- 23		- 360	- 360	4920	4560	2627	23	1 573 270	1985	7135	9120	95310	1480
23	-464	10294	9830			3537	- 28		- 436	- 436	5874	5440	2621	24	1 567 160	2213	7547	9760	94890	1470
24	706	10194	10900			3625	42		664	664	5806	6470	2624	25	1 571 050	1303	8497	10200	94960	1480
25	1405	8995	10400			3551	84		1321	1321	5759	7080	2621	26	1 568 890	1870	8430	10300	95670	1430
26	185	7885	8070			3334	11		174	174	5796	5970	2614	27	1 565 080	1920	8380	9800	95670	1280
27	-488	6828	6340			3409	-29		- 459	- 459	4059	3600	2606	28	1 558 630	1180	8410	9590	95430	1280
28	-485	5285	4800			3356	-25		- 400	- 400	2740	2340	2592	29	1 545 320	3285	6445	9730	95710	1400
29	-230	4290	4060			3363	-14		- 214	- 214	1256	1040	2586	30	1 530 420	5268	5732	10600	94720	1440
30	-282	4062	3780			3386	-17		- 265	- 265	867	602	2580	JUL 1	1 514 980	3658	3842	11500	95180	1440
JUL 1	-377	4749	4370			3503	-23		- 356	- 356	768	412	2563	2	1 496 030	8167	3447	11480	94910	1570
2	-284	5196	4860			3544	-17	15	- 269	- 269	1059	790	2572	3	1 482 940	8169	3331	11500	95330	1620
3	- 38	4538	4500	0		3442	- 2	8	- 36	- 36	1056	1020	2574	4	1 468 280	7569	3631	11200	92110	1640
																7170	3620	10800	96990	1650

ND BETWEEN SNAKE RIVER GAGING STATIONS 1937

EET EXCEPT AS NOTED

| DATE | NEELEY | | | LAKE WALCOTT | MINIDOKA CANALS | | | | MOWELLS | | | | MILNER LAKE GAGE | GOODING PROJECT | | | NORTH SIDE CANAL CO | | | |

PLATE NO 12

DATE	STL	GOODING	RR	MAIN	TOTAL	STOR.	NORM	TWIN FALLS CAN. CO. STOR	NORM	TOTAL	MILNER LOW LIFT STOR.	NORM	TOTAL	SNAKE R. AT MILNER STOR.	NORM	TOTAL
MAY 16	0	720	62	2570	3352					3350			153			296
17	0	710	62	2540	3312					3340			132			1360
18	0	710	62	2540	3312					3350			150			284
19	0	710	62	2600	3372	0	3372	0	3360	3360			147			442
20	0	710	62	2650	3432	101	3331	0	3360	3360	148	0	148	808	0	808
21	0	720	62	2610	3392	392	3000	330	3000	3330	147	0	147	74	0	74
22	0	730	62	2620	3412	412	3000	320	3000	3320	147	0	147	23	0	23
23	0	720	62	2580	3362	362	3000	320	3000	3320	146	0	146	14	0	14
24	0	710	62	2520	3292	292	3000	300	3000	3300	147	0	147	13	0	13
25	0	730	62	2590	3382	382	3000	240	3000	3240	148	0	148	12	0	12
26	0	720	62	2330	3112	0	3112	300	3000	3300	143	0	143	781	0	781
27	0	720	62	2280	3062	0	3062	0	2820	2820	0	119	119	1076	434	1510
28	0	720	62	2410	3192	0	3192	0	2850	2850	0	132	132	0	25	25
29	0	710	62	2380	3152	0	3152	0	3040	3040	0	136	136	0	24	24
30	0	720	62	2410	3192	0	3192	0	3090	3090	0	140	140	0	22	22
31	0	730	62	2350	3142	0	3142	0	3090	3090	0	144	144	0	450	450
JUNE 1	0	720	62	2260	3042	0	3042	0	3090	3090	0	144	144	0	32	32
2	0	710	62	2290	3062	0	3062	0	3020	3020	0	143	143	0	24	24
3	0	700	62	2250	3012	0	3012	0	2970	2970	0	132	132	0	20	20
4	0	700	62	2240	3022	0	3022	0	2970	2970	0	132	132	0	13	13
5	0	720	62	2210	2992	0	2992	0	3040	3040	0	150	150	0	12	12
6	0	720	62	2140	2922	321	2601	70	3000	3070	120	0	120	15	0	15
7	0	710	62	2100	2872	66	2805	60	3000	3060	150	0	150	15	0	15
8	0	720	62	2210	2992	0	2992	10	3000	3010	151	0	151	12	0	12
9	0	730	62	2230	3022	22	3000	90	3000	3090	152	0	152	12	0	12
10	0	730	61	2200	2991	0	2991	60	3000	3060	144	0	144	13	0	13
11	0	720	61	2180	2961	0	2961	0	3000	3000	136	0	136	13	0	13
12	0	730	61	2220	3011	11	3000	0	2900	2900	135	0	135	0	13	13
13	0	730	61	2220	3011	11	3000	0	2870	2870	124	0	124	0	13	13
14	0	730	61	2270	3081	81	3000	0	2790	2790	125	0	125	0	13	13
15	0	750	61	2280	3091	91	3000	0	2740	2740	124	0	124	0	16	16
16	0	750	61	2250	3061	87	2974	0	2740	2740	119	0	119	0	19	19
17	0	730	61	2240	3031	957	2074	0	2730	2730	110	0	110	0	23	23
18	0	720	61	2360	3141	612	2529	0	2790	2790	122	0	122	0	14	14
19	0	720	61	2490	3271	407	2864	0	2910	2910	123	0	123	0	10	10
20	0	730	61	2580	3371	371	3000	0	2950	2950	124	0	124	0	7	7
21	0	730	61	2540	3341	341	3000	60	3000	3060	125	0	125	9	0	9
22	0	740	61	2500	3291	291	3000	280	3000	3280	124	0	124	10	0	10
23	0	730	61	2540	3331	331	3000	240	3000	3240	124	0	124	9	0	9
24	0	730	61	2560	3331	1392	1939	280	3000	3280	149	0	149	8	0	8
25	0	710	61	2580	3351	2745	606	320	3000	3320	150	0	150	7	0	7
26	0	710	61	2780	3481	3081	400	350	3000	3350	150	0	150	7	0	7
27	0	720	61	2690	3481	3081	400	350	3000	3350	152	0	152	8	0	8
28	0	730	61	2710	3501	3109	392	380	3000	3380	150	0	150	9	0	9
29	0	730	61	2750	3541	3141	400	420	2939	3420	150	0	150	9	0	9
30	0	730	61	2770	3561	3161	400	420	3000	3420	148	0	148	9	0	9
JULY 1	0	730	61	2770	3561	3161	400	440	3000	3460	148	0	148	9	0	9

DATE	JACKSON LAKE Contents Ac. Ft	MORAN STOR.	MORAN NORM.	MORAN TOTAL	TWIN LAKES STORED	MORAN + TWIN LAKES STORED	MORAN TO HEISE LOSS STORED	DIVERSION MORAN TO HEISE STORED	DATE
JUL 2	842320	1650	1900	3050	90	1240	31		JUL 3
3	845190	1940	1650	3590	90	2030	51		4
4	840350	3339	1621	4960	88	3427	86		5
5	834250	3081	1949	5030	85	3146	79		6
6	828190	2092	2658	4750	85	2177	54		7
7	824320	2440	1600	4040	85	2595	64	0	7
8	819500	2300	1500	3800	80	2380	60	3	8
9	815720	1500	1450	2950	80	1580	40	3	9
10	813190	700	1400	2100	80	780	20	3	10
11	811670	1720	1350	3120	78	1898	46	3	11
12	807380	3210	1300	4510	75	3285	82	3	12
13	800310	4170	1300	5490	72	4262	106	3	13
14	792000	3216	2484	5700	70	3286	82	3	14
15	785230	3918	1382	5300	68	3986	100	6	15
16	777960	3792	1208	5000	65	3857	96	6	16
17	770440	4376	1064	5440	60	4456	111	3	17
18	761720	4769	1331	6100	55	4824	120	3	18
19	752260	4880	1380	6260	52	4932	123	3	19
20	742580	4986	1114	6100	48	5034	126	10	20
21	732690	5854	1091	6950	45	5904	148	10	21
22	721070	6065	1285	7350	40	6105	153	11	22
23	709040	6191	1419	7610	36	6227	156	9	23
24	696260	6025	1345	7370	30	6055	151	12	24
25	684810	5531	1579	7110	26	5557	139	15	25
26	673840	5375	1515	6890	23	5398	135	15	26
27	663180	5617	1333	6950	20	5637	141	15	27
28	652040	6075	1035	7110	16	6091	152	10	28
29	639990	6010	1000	7010	12	6022	150	10	29
30	628920	5610	950	6560	8	5618	140	10	30
31	618380	4940	1340	6280	0	4940	123	10	31
AUG 1	610260	3960	1360	5320		3960	99	20	AUG 1
2	601660	4188	1342	5530		4188	105	20	2
3	592170	4590	940	5530		4590	115	20	3
4	582920	3810	930	4740		3810	95	20	4
5	576040	2340	910	3250		2340	58	20	5
6	571140	2230	900	3130		2230	56	20	6
7	565910	2500	890	3390		2500	62	20	7
8	559550	4350	870	5220		4350	109	20	8
9	548980	5990	860	6850		5990	150	20	9
10	537280	6080	850	6930		6080	152	20	10
11	526070	5960	830	6790		5960	149	20	11
12	514220	6040	810	6850		6040	151	20	12
13	502860	5680	790	6470		5680	142	20	13
14	492010	5100	770	5870		5100	127	20	14
15	482650	4760	750	5510		4760	119	20	15
16	473620	4680	740	5420		4680	117	15	16
17	464910	4490	730	5220		4490	112	10	17

HEISE + RILEY STOR.	HEISE + RILEY NORM.	HEISE + RILEY TOTAL	DIV. HEISE-SHELLEY STOR.	DIV. HEISE-SHELLEY NORM.	DIV. HEISE-SHELLEY TOTAL	HEISE TO SHELLEY LOSS STORED	REXBURG	MARKET LAKE SPRINGS	DATE	SHEL STOR.	SHEL
1209	9012	10221	103	7144	7247	57	521		JUL 4	1043	
1979	8148	10127	62	7156	7218	97	512		5	1820	
3341	7785	10126	1027	6204	7231	163	516		6	2151	
3087	8139	11226	875	6795	7670	151	548		7	2061	
2123	9003	11126	944	6619	7563	104	710		8	1075	
2478	7848	10326	787	6487	7274	121	863		9	1570	
2317	7911	10228	597	6524	7121	113	934		10	1687	
1537	7807	9344	76	6537	6613	75	1020		11	1386	
757	7437	8194	-304	6543	6239	37	1040		12	1824	
1799	6635	8434	-115	6449	6534	98	912		13	1926	
3200	6269	9469	256	6562	6818	156	745		14	2788	
4153	6459	10612	1199	6564	7713	203	665		15	2801	
3198	7619	10817	1242	6549	7791	154	676		16	1800	
3880	6637	10517	1336	6606	7942	189	695	0	17	2355	
3755	6004	9759	1568	6447	8015	183	715	2	18	2011	
4342	5381	9723	1509	6456	7965	212	695	2	19	2628	
4701	5518	10219	1746	6439	8185	230	544	4	20	2731	
4806	5613	10419	1941	6438	8379	235	480	6	21	2636	
4898	5106	10004	1929	6412	8341	239	431	6	22	2735	
5746	4778	10524	2116	5911	8027	280	404	4	23	3354	
5981	4783	10764	2625	5510	8135	290	387	4	24	3030	
6062	5063	11125	2673	5467	8140	296	371	5	25	3098	
5892	4933	10825	3041	5096	8137	287	371	6	26	2570	
5403	5122	10525	3083	4958	8041	264	367	6	27	2062	
5248	4976	10224	3187	4656	7843	256	367	7	28	1812	
5481	4746	10227	3179	4850	8029	247	367	8	29	2043	
5929	4300	10229	3259	4739	7998	289	363	32	30	2413	
5862	4793	10005	3477	4503	7980	284	347	45	31	2114	
5468	4534	10002	3315	4463	7778	247	375	8	AUG 1	1894	
4807	5393	10200	2388	4532	6920	235	391	7	2	2191	
3841	5219	9060	2359	4581	6940	188	391	7	3	1301	
4063	4837	8900	2279	4565	6844	198	391	7	4	1593	
4455	4475	8930	2392	4554	6946	217	391	7	5	1853	
3695	4654	8349	1840	4555	6395	180	391	6	6	1681	
2262	4717	6979	1923	4603	6526	110	391	6	7	235	
2154	4453	6607	1846	4447	6293	105	391	6	8	209	
2418	4038	6456	1456	4422	6078	108	329	6	9	660	
4221	3329	7550	1887	4402	6291	206	325	6	10	2132	
5820	3389	9209	1986	4536	6522	284	347	6	11	3556	
5908	3661	9569	2767	4450	7217	288	329	6	12	2859	
5791	3478	9269	3175	4100	7275	282	371	6	13	2340	
5869	3500	9369	2948	4083	7031	287	424	6	14	2640	
5518	3556	9074	3026	4108	7134	269	534	6	15	2329	
4953	3736	8689	2904	4139	7033	242	570	6	16	1813	
4621	3698	8319	2512	4238	6750	225	570	6	17	1896	
4548	3651	8199	2590	4173	6763	222	570	6	18	1742	
4268	3670	8038	2353	4164	6517	213	548	6	19	1808	

DAILY SUMMARY OF DATA AT AND BETWEEN S

24 HOUR SECOND FEET EXCEPT AS NOTED

SHEET FOR SAVINGS	DATE	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOTAL	DIV. SHELLEY-BLACKFOOT STOR.	DIV. SHELLEY-BLACKFOOT NORM.	DIV. SHELLEY-BLACKFOOT TOTAL	SHELLEY BLACKFOOT LOSS STORED
	JUL 5	1185	3615	9060	10	3330	3340	62
	6	1820	2300	9120	10	3213	3223	109
	7	2057	2569	9720	488	3135	3583	103
	8	2041	3119	5180	388	3116	3504	100
	9	1875	9535	6410	276	3102	3378	98
	10	1570	3970	5540	0	2659	2659	79
	11	1487	3973	5480	0	2655	2655	76
	12	1386	3564	4950	0	2804	2804	83
	13	1824	2996	4020	0	2860	2860	61
	14	1826	1954	3780	21	2842	2863	148
	15	2788	1552	4340	434	2446	2880	142
	16	2801	1749	4550	664	2361	3025	138
	17	1800	2750	4550	927	2151	3078	53
2	18	2355	1885	4240	957	2179	3132	84
2	19	2011	1579	3590	1146	1924	3088	51
3	20	2628	702	3330	1376	1458	3834	95
6	21	2731	619	3350	1433	1580	3033	74
6	22	2636	734	3370	1514	1581	3095	67
6	23	2735	305	3040	1863	1132	2995	70
4	24	3354	66	3420	1617	1184	2801	104
4	25	3030	700	3730	1713	1235	2948	79
5	26	3098	992	4090	1776	1196	2972	79
6	27	2570	1350	3920	1757	1187	2944	99
6	28	2062	1688	3750	1811	1104	2915	85
7	29	1812	1648	3460	1813	1083	2896	6
8	30	2093	1227	3320	1782	1070	2852	16
32	30	2417	827	3230	1771	1080	2851	38
15	31	2114	1236	3350	1706	1037	2743	28
8	AUG 1	1894	2126	4020	1167	880	2047	44
7	2	2191	2329	4520	1114	967	2081	49
7	3	1301	2339	3640	1074	888	1962	19
7	4	1595	1777	3370	1073	1095	2168	31
7	5	1853	1417	3270	1582	1046	2587	20
6	6	1681	1189	2870	1965	951	2916	13
6	7	835	2045	2880	669	935	1604	-24
6	8	209	1711	1920	394	959	1353	-11
6	9	660	1120	1780	928	897	1825	19
6	10	8132	-172	1960	256	624	1430	81
6	11	3556	-796	2760	1586	713	2299	118
6	12	2857	61	2920	1761	697	2458	66
6	13	2340	700	3040	1879	688	2582	87
6	14	2680	630	3270	1901	721	2622	89
6	15	2329	901	3230	1807	694	2501	25
6	16	1813	1167	2980	1695	709	2404	7
6	17	1890	960	2850	1255	708	1963	38
6	18	1748	1018	2760	1061	701	1762	41
6	19	1808	972	2780	1008	699	1707	48

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.
925	8	617	108	725	2429	JUL 5	1453160	3263	2337	11600	95630
1761	7	952	187	609	2585	6	1438280	9158	2792	11900	94950
1620	6	782	156	938	2598	7	1424370	9456	2794	12200	95430
1573	6	986	164	1080	2598	8	1406880	9196	2754	11950	96390
751	13	1497	163	1710	2625	9	1396770	8412	2788	11200	97110
1476	169	2161	259	2420	2636	10	1388700	8005	2895	10900	97110
1511	149	2651	299	2950	2634	11	1372120	7967	2933	10900	96150
1303	92	2148	192	2340	2633	12	1367010	8875	2825	11700	96310
963	81	1929	231	1660	2630	13	1348970	9239	2861	12100	96530
1697	163	765	293	998	2631	14	1334120	8874	2929	11800	96030
2222	92	808	242	1050	2629	15	1319760	8229	2871	11100	95910
2669	39	1181	189	1370	2624	16	1304990	8187	2813	11000	94950
821	23	1287	123	1310	2617	17	1290280	8110	2790	10900	94990
1318	11	969	161	1130	2622	18	1274720	8917	2783	11700	94990
796	6	720	156	484	2614	19	1257480	9330	2770	12100	94260
1177	5	190	155	345	2599	20	1240880	9696	2754	12400	95430
1202	5	68	155	223	2590	21	1219300	9665	2735	12400	96150
1055	2	20	152	172	2573	22	1200790	9175	2725	11900	96630
1162	1	15	151	166	2562	23	1183380	8787	2713	11500	96870
1633	1	12	151	163	2541	24	1166890	8805	2692	11500	96750
1238	1	30	151	181	2534	25	1149480	9015	2685	11700	96930
1243	1	335	151	486	2535	26	1131230	9314	2684	12000	96780
764	1	589	151	740	2593	27	1115110	9206	2694	11900	96720
236	1	945	151	596	2596	28	1097020	9203	2697	11900	96490
-1	1	365	151	516	2598	29	1079090	9201	2699	11900	96490
845	1	194	151	345	2650	30	1058140	9377	2701	12100	96720
609	1	181	151	332	2551	31	1043420	9198	2702	11900	95550
384	1	311	151	462	2561	AUG 1	1023540	8328	2712	11100	95550
683	3	877	153	1030	2577	2	1013140	7970	2730	10700	95670
1013	99	2081	289	2370	2581	3	1002890	7870	2830	10400	95430
813	25	1685	195	1880	2588	4	990830	7927	2763	10200	95070
489	5	1115	155	1270	2602	5	978990	7993	2757	10200	94950
311	2	683	152	835	2613	6	961830	8235	2745	10600	93720
303	2	406	152	558	2600	7	945560	8698	2752	11400	93320
-168	2	298	152	450	2602	8	929630	8796	2754	11580	94190
-196	1	293	151	444	2605	9	912690	8794	2756	11500	94020
218	1	588	151	739	2592	10	895890	8767	2743	11500	94600
1295	1	171	151	322	2581	11	880970	8668	2732	11400	95430
1282	1	167	151	318	2554	12	865280	8598	2705	11200	95670
1032	1	145	151	296	2541	13	848420	8508	2692	11200	95670
919	1	119	151	270	2540	14	830990	8469	2691	11100	95670
695	1	271	151	422	2548	15	814420	8401	2695	11100	95430
397	1	945	151	576	2555	16	802590	8374	2706	11100	95670
111	1	965	151	476	2560	17	786970	8389	2711	11100	95780
577	1	624	151	775	2565	18	768380	8384	2716	11080	95250
640	1	699	151	850	2568	19	752320	8481	2719	11400	94720
752	1	763	151	914	2573	20	740690	8624	2724	11300	94950

AND BETWEEN SNAKE RIVER GAGING STATIONS 1937

FEET EXCEPT AS NOTED

DAY	SHORT-FT	NEELEY STOR.	NEELEY NORM.	NEELEY TOTAL	LAKE WALCOTT Contents Ac.Ft.	MINIDOKA CANALS NORTH	MINIDOKA CANALS SOUTH	MINIDOKA CANALS TOTAL	MINIDOKA CANALS STOR.	NORM	HOWELLS STOR.	HOWELLS NORM.	HOWELLS TOTAL	DATE	MILNER LAKE GAGE	GOODING PROJECT STOR.	GOODING PROJECT NORM	GOODING PROJECT TOTAL	NORTH SIDE CANAL GOODING	NORTH SIDE CANAL P.A.	NORTH SIDE CANAL MAIN	NORTH SIDE CANAL TOTAL	STOR
JUL.	2460	9263	2737	11800	95430	1440	1280	2720	2720	0	5383	2737	8120	JUL. 6	10.66	1180	0	1180	730	60	2860	3650	
	2350	9158	2742	11900	94950	1440	1270	2710	2710	0	5868	2742	8610	7	10.74	1190	0	1190	730	60	2880	3670	
	2370	9456	2744	12200	95430	1440	1310	2750	2750	0	6006	2744	8750	8	11.06	1200	0	1200	730	60	2850	3640	
	2380	9196	2754	11950	96390	1440	1320	2760	2760	0	5386	2754	8140	9	10.96	1190	0	1190	730	61	2880	3641	
	2270	8912	2788	11200	97110	1460	1310	2770	2770	0	5092	2788	7880	10	10.78	1180	0	1180	710	60	2840	3610	
	2200	8005	2895	10900	97110	1640	1290	2940	2940	0	5195	2895	8090	11	10.70	1210	0	1210	710	60	2860	3630	
	2120	7967	2933	10900	96150	1640	1270	2930	2930	0	5297	2933	8230	12	10.65	1230	0	1230	720	60	2890	3670	
	2010	8875	2825	11700	95310	1620	1260	2880	2880	0	5785	2825	8610	13	10.80	1230	0	1230	720	60	2950	3730	
	2270	9239	2861	12100	95430	1590	1280	2870	2870	0	5999	2861	8810	14	10.93	1240	0	1240	720	61	2990	3771	
	2120	8874	2924	11800	96030	1590	1300	2890	2890	0	5776	2924	8700	15	11.04	1240	0	1240	740	61	2940	3741	
	2160	8229	2871	11100	95910	1500	1240	2740	2740	0	5829	2871	8700	16	11.00	1240	0	1240	740	61	2920	3721	
	2440	8187	2813	11000	94950	1460	1230	2690	2690	0	5647	2813	8460	17	10.94	1230	0	1230	740	61	2960	3761	
	2300	8110	2790	10900	94490	1460	1240	2720	2720	0	5620	2790	8410	18	10.86	1230	0	1230	730	61	2950	3741	
	2230	8917	2783	11700	94490	1460	1240	2720	2720	0	5887	2783	8670	19	10.88	1230	0	1230	730	61	2960	3751	
	2180	9330	2770	12100	94250	1480	1260	2740	2740	0	5980	2770	8750	20	10.90	1230	0	1230	730	61	2970	3761	
	2280	9444	2754	12400	95430	1540	1290	2830	2830	0	6026	2754	8780	21	10.84	1230	0	1230	730	61	2940	3731	
	2100	9465	2735	12400	96150	1590	1310	2900	2900	0	6135	2735	8870	22	10.96	1240	0	1240	800	61	2950	3811	
	2240	9175	2725	11900	96430	1600	1310	2910	2910	0	6245	2725	8990	23	10.96	1240	0	1240	900	61	2890	3851	
	2320	8787	2713	11500	96270	1600	1220	2820	2820	0	6007	2713	8720	24	10.94	1230	0	1230	940	61	2810	3811	
	2240	8808	2692	11500	96150	1590	1330	2920	2920	0	5998	2692	8690	25	10.85	1280	0	1280	940	61	2770	3771	
	2180	9015	2685	11700	95430	1590	1320	2910	2910	0	5985	2685	8670	26	10.90	1280	0	1280	930	61	2790	3781	
	2130	9314	2686	12000	95180	1590	1310	2900	2900	0	6094	2686	8780	27	10.96	1280	0	1280	950	61	2800	3811	
	2110	9206	2694	11900	94720	1590	1330	2920	2920	0	6086	2694	8780	28	10.97	1280	0	1280	950	61	2810	3821	
	2070	9203	2697	11900	94490	1590	1340	2930	2930	0	5883	2697	8580	29	10.92	1280	0	1280	950	62	2840	3852	
	2040	9201	2699	11900	94490	1590	1340	2930	2930	0	5821	2699	8520	30	10.83	1270	0	1270	950	62	2790	3802	
	2140	9379	2701	12100	94720	1570	1340	2910	2910	0	5939	2701	8640	31	10.90	1270	0	1270	950	60	2790	3800	
	2420	9198	2702	11900	95550	1340	1270	2610	2610	0	6018	2702	8720	AUG. 1	10.94	1270	0	1270	950	62	2750	3762	
	2590	8388	2712	11100	95550	972	1170	2142	2142	0	6008	2712	8720	2	11.05	1290	0	1290	960	62	2740	3782	
	2140	7970	2730	10700	95620	1170	1080	2250	2250	0	5730	2730	8460	3	11.04	1290	0	1290	960	62	2710	3732	
	2190	7570	2830	10400	95430	1250	1020	2270	2270	0	5430	2830	8260	4	10.92	1280	0	1280	930	62	2660	3652	
Aug.	2230	7437	2763	10200	95070	1200	1020	2220	2220	0	5327	2763	8090	5	10.72	1270	0	1270	920	62	2630	3612	
	2190	7443	2757	10200	94250	1220	1050	2270	2270	0	5413	2757	8170	6	10.62	1200	0	1200	910	62	2640	3612	
	2130	8235	2765	11000	93320	1240	1130	2370	2370	0	5615	2765	8380	7	10.67	1160	0	1160	920	62	2660	3642	
	2160	8648	2752	11400	93320	1280	1200	2480	2480	0	5768	2752	8520	8	10.76	1170	0	1170	920	62	2700	3682	
	2170	8744	2754	11500	94190	1330	1250	2580	2580	0	5686	2754	8440	9	10.70	1120	0	1120	910	62	2690	3662	
	2190	8744	2756	11500	94020	1360	1250	2610	2610	0	5624	2756	8380	10	10.70	1100	0	1100	920	62	2680	3662	
	2080	8757	2743	11500	94600	1360	1210	2570	2570	0	5667	2743	8410	11	10.72	1100	0	1100	920	62	2670	3652	
	2220	8668	2732	11400	95430	1380	1210	2590	2590	0	5648	2732	8380	12	10.76	1100	0	1100	910	62	2680	3652	
	2280	8595	2705	11300	95670	1460	1210	2670	2670	0	5645	2705	8350	13	10.77	1070	0	1070	910	61	2670	3641	
	2320	8508	2692	11200	95670	1490	1220	2710	2710	0	5628	2692	8320	14	10.71	1060	0	1060	920	60	2690	3670	
	2290	8409	2691	11100	95670	1490	1230	2720	2720	0	5569	2691	8260	15	10.61	1060	0	1060	910	60	2670	3640	
	2320	8401	2699	11100	95430	1490	1220	2710	2710	0	5531	2699	8230	16	10.66	1060	0	1060	920	60	2660	3630	
	2290	8394	2706	11100	95670	1480	1230	2710	2710	0	5554	2706	8260	17	10.67	1060	0	1060	930	61	2680	3671	
	2270	8389	2711	11100	95180	1480	1230	2710	2710	0	5579	2711	8290	18	10.64	1060	0	1060	910	61	2630	3601	
	2180	8284	2716	11500	94250	1470	1200	2670	2670	0	5674	2716	8390	19	10.62	1060	0	1060	920	61	2650	3631	
	2150	8481	2719	11400	94720	1470	1200	2670	2670	0	5741	2719	8460	20	10.75	1060	0	1060	920	61	2630	3611	
	2190	8574	2724	11300	94950	1470	1200	2670	2670	0	5626	2724	8350	21	10.76	1060	0	1060	920	61	2580	3561	

PLATE NO. 12A

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FEET

DAT.	S IR FT.	NET STOR.	NORTH SIDE CANAL CO. GOODING	P.R.	MAIN	TOTAL	STOR.	NORM.
JUL	260	326180	730	60	2860	3650	3328	322
	250	915190	730	60	2880	3670	3347	323
	270	945200	730	60	2850	3640	3317	323
	280	914190	730	61	2810	3601	3277	324
	270	841180	710	60	2840	3610	3282	328
	200	800210	710	60	2860	3620	3279	341
	220	796230	720	60	2890	3670	3325	345
	210	887230	720	60	2950	3730	3398	332
	270	923240	720	61	2990	3771	3434	337
	220	887240	740	61	2940	3741	3397	344
	260	822240	740	61	2920	3721	3383	338
	240	818230	740	61	2950	3751	3420	331
	200	811230	730	61	2960	3741	3413	328
	230	891230	730	61	2960	3751	3423	328
	280	933230	730	61	2970	3761	3435	326
	280	964230	730	61	2940	3731	3407	324
	300	966240	800	61	2950	3811	3489	322
	240	917240	900	61	2890	3851	3530	321
	220	878270	940	61	2810	3811	3492	319
	240	880270	940	61	2770	3771	3454	317
	280	901280	930	61	2790	3781	3465	316
	230	931280	950	61	2800	3811	3495	316
	210	920280	950	61	2810	3821	3504	317
	270	920280	950	62	2840	3852	3535	317
	240	920270	950	62	2790	3802	3484	318
	240	939270	950	60	2790	3800	3482	318
	220	919270	950	62	2750	3762	3444	318
	290	838290	960	62	2740	3782	3463	319
	240	797290	960	62	2710	3732	3410	322
	240	757280	930	62	2660	3642	3309	333
AUG	230	743270	920	62	2630	3612	3287	325
	240	744200	910	62	2640	3612	3288	324
	230	823240	920	62	2660	3642	3317	325
	260	844270	920	62	2700	3682	3358	324
	270	874220	910	62	2690	3662	3338	324
	280	874200	920	62	2680	3662	3338	324
	280	875200	920	62	2670	3652	3329	323
	270	846200	910	62	2680	3652	3331	321
	280	859270	910	61	2670	3641	3323	318
	220	850260	920	60	2690	3670	3353	317
	290	840260	910	60	2670	3640	3323	317
	220	840260	920	60	2650	3630	3312	318
	240	839260	930	61	2620	3611	3292	319
	270	838260	910	61	2630	3601	3282	319
	280	828260	920	61	2650	3631	3311	320
	260	868260	920	61	2630	3611	3291	320
	240	852260	920	61	2580	3561	3240	321

TWIN FALLS CAN. CO. STOR.	NORM	TOTAL	MILNER LOW LIFT STOR.	NORM	TOTAL	SNAKE R. AT MILNER STOR.	NORM	TOTAL
1115	2415	3530	137	0	137	1	0	1
1141	2419	3560	141	0	141	10	0	10
1039	2421	3510	146	0	146	18	0	18
1030	2430	3460	142	0	142	12	0	12
1000	2460	3460	141	0	141	1	0	1
906	2554	3460	140	0	140	7	0	7
882	2588	3470	141	0	141	7	0	7
1057	2493	3550	142	0	142	1	0	1
996	2524	3520	144	0	144	72	0	72
900	2580	3480	144	0	144	248	0	248
927	2533	3460	146	0	146	193	0	193
1018	2482	3500	148	0	148	198	0	198
1078	2462	3540	149	0	149	198	0	198
1135	2458	3590	172	0	172	196	0	196
1166	2444	3610	172	0	172	196	0	196
1180	2430	3610	172	0	172	196	0	196
1177	2413	3590	172	0	172	196	0	196
1166	2404	3570	172	0	172	198	0	198
1216	2394	3610	172	0	172	198	0	198
1235	2375	3610	172	0	172	198	0	198
1271	2369	3640	171	0	171	198	0	198
1240	2370	3630	168	0	168	202	0	202
1253	2377	3630	167	0	167	202	0	202
1250	2380	3630	169	0	169	204	0	204
1249	2381	3630	166	0	166	212	0	212
1227	2383	3610	156	0	156	202	0	202
1206	2384	3590	150	0	150	202	0	202
1177	2393	3570	150	0	150	200	0	200
1152	2408	3560	152	0	152	198	0	198
1013	2497	3510	152	0	152	196	0	196
1072	2438	3510	150	0	150	198	0	198
1097	2433	3530	150	0	150	198	0	198
1060	2440	3500	149	0	149	202	0	202
1092	2428	3520	151	0	151	202	0	202
1100	2430	3530	152	0	152	202	0	202
1098	2432	3530	153	0	153	198	0	198
1180	2420	3520	153	0	153	202	0	202
1109	2411	3520	137	0	137	202	0	202
1143	2387	3530	113	0	113	202	0	202
1175	2375	3550	119	0	119	202	0	202
1186	2374	3560	134	0	134	202	0	202
1179	2381	3560	151	0	151	202	0	202
1173	2387	3560	148	0	148	202	0	202
1158	2392	3550	126	0	126	202	0	202
1144	2396	3540	151	0	151	202	0	202
1141	2399	3540	155	0	155	202	0	202
1137	2403	3540	154	0	154	202	0	202

DATE	JACKSON LAKE Contents Ac.Ft.	MORAN			TWIN LAKES STORED	MORAN + TWIN LAKES STORED	MORAN TO HEISE LOSS STORED	DIVERSIONS MORAN TO HEISE STORED
		STOR.	NORM.	TOTAL				
AUG 1	456220	4130	710	4830		4130		
19	455500	3840	700	4540	0	3840	103	5
20	441000	4020	680	4700	0	3840	92	5
21	432400	4100	670	4770		4020	101	5
22	423600	4360	660	5020		4100	102	5
23	414590	4360	640	5000		4360	109	5
24	406090	4090	630	4720		4360	109	
25	397820	4000	610	4610		4090	102	
26	389800	3950	590	4540		4000	100	
27	381820	4040	580	4620		3950	99	
28	373850	4010	570	4580		4040	101	
29	365920	4000	560	4560		4010	100	
30	358030	4200	550	4750		4000	100	
31	349200	4150	550	4700		4200	105	
SEP 1	341220	3950	550	4500		4150	104	
2	334060	3775	545	4320		3950	99	
3	326690	3360	540	3900		3775	94	
4	320470	3090	540	3630		3360	84	
5	314340	3080	540	3620		3090	77	
6	308020	3020	530	3550		3080	77	
7	302050	2870	530	3400		3020	75	
8	296540	2170	520	2690		2870	72	
9	293360	1450	520	2170		2170	54	
10	290180	1380	510	1890		1450	41	
11	287840	500	510	1010		1380	34	
12	286780	150	500	650		500	12	
13	286150	108	500	608		150	4	
14	285510	330	490	820		108	3	
15	283410	1840	490	2330		330	8	
16	281380	3150	480	3630		1840	46	
17	277250	2870	470	3340		3150	79	
18	274600	2410	460	2870		2870	72	
19	272610	2270	450	2720		2410	60	
20	270840	2390	440	2830		2270	57	
21	268970	2300	430	2730		2390	60	
22	266760	1690	420	2110		2300	57	
23	264660	1610	410	2020		1690	42	
24	262990	1840	400	2240		1610	40	
25	261120	2010	390	2400		1840	46	
26	259450	910	380	1290		2010	50	
27	258630	415	370	785		910	23	
28	257880			374		415	10	
29	257830			250				
30	257580			250				
	TOTALS	280010			1842	281852	7040	535

DATE	HEISE + RILEY			DIV. HEISE-SHELLEY			HEISE TO SHELLEY LOSS STORED	REXBURG	MARKET LAKE SPRINGS
	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL			
AUG 1	4012	3714	7728	2411	4043	6454	196	530	
19	3758	3549	7307	2000	4058	6058	183	534	
20	3914	3416	7330	1953	4062	6015	191	570	
21	3993	3305	7298	2288	3931	6219	195	620	
22	4246	3139	7385	2179	3913	6092	207	630	
23	4251	3227	7478	1937	3852	5789	208	635	
24	3988	3195	7183	2153	3742	5895	194	625	
25	3900	3194	7094	2610	3649	6259	190	630	
26	3851	3153	7004	2561	3680	6242	188	615	
27	3929	3095	7024	2455	3690	6398	192	590	
28	3910	3124	7034	2259	3648	5902	191	580	
29	3900	3052	6952	2162	3654	5806	190	585	
30	4095	2997	7092	1893	3649	5542	200	580	
SEP 1	4096	3103	7199	2244	3491	5735	197	600	
2	3851	3118	6969	2083	3518	5601	180	680	
3	3681	3212	6893	1809	3614	5423	180	765	
4	3276	3497	6773	1990	3580	5570	160	786	
5	3013	3357	6370	1841	3609	5450	147	819	
6	3003	3257	6260	2182	3481	5663	147	792	
7	2945	3235	6180	1908	3425	5333	144	735	
8	2798	3292	6090	1713	3522	5235	137	715	
9	2116	3813	5929	1528	3679	5207	103	670	
10	1609	3566	5175	1122	3700	4822	79	690	
11	1346	3568	4914	967	3671	4638	66	690	
12	488	3864	4352	1032	3653	4685	24	685	
13	146	3585	3731	892	3619	4511	7	685	
14	105	3296	3501	529	3590	4113	5	715	
15	322	3078	3400	405	3552	3957	16	715	
16	1794	2096	3890	633	3431	4064	80	710	
17	3071	2484	5555	802	3715	4517	150	720	
18	2798	3191	5989	829	3754	4583	137	740	
19	2350	2995	5345	904	3734	4638	115	750	
20	2213	3011	5224	924	3738	4662	108	775	
21	2330	2873	5203	870	3661	4531	114	802	
22	2243	3261	5504	878	3643	4521	109	858	
23	1643	3266	4912	833	3602	4435	80	852	
24	1570	3171	4741	452	3677	4129	77	946	
25	1814	2927	4741	481	3601	4082	89	1010	
26	1960	3021	4981	529	3522	4051	96	994	
27	987	3804	4791	513	3570	4083	43	982	
28	405	3326	3731	448	3629	4077	20	958	
29		3480	3480	442	3696	4138		952	
30		3140	3140	395	3506	3901		896	
	274277			132085			13379		

DATE	SHELL
	STOR.
AUG 30	1911
31	1683
SEP 1	1576
2	1810
3	1868
4	3104
5	1699
6	1108
7	1184
8	1087
9	1973
10	1846
11	2009
12	1611
13	1586
14	1698
15	1132
16	1031
17	680
18	899
19	959
20	991
21	1185
22	1347
23	1187
24	1352
25	1268
26	741
27	1087
28	1250
29	1394
30	337
OCT 1	- 77
2	-436
3	-385

DAILY SUMMARY OF DATA AT AND BETWEEN

24 HOUR SECOND FEET EXCEPT AS NOTED

DAYS	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
4	AUG 20	1811	1179	2590	1050	691	1741	22	339
7	21	1582	748	2330	1485	606	2091	4	91
8	22	1726	562	2340	1469	614	2083	19	190
8	23	1518	842	2360	1480	613	2093	2	36
8	24	1868	662	2530	1461	628	2089	24	383
8	25	2114	616	2730	1488	675	2163	38	588
8	26	1649	961	2610	1477	677	2154	10	142
8	27	1108	1192	2300	1217	645	1862	-7	-102
8	28	1109	951	2060	779	717	1496	20	310
8	29	1097	883	1980	726	692	1418	22	349
8	30	1473	787	2260	1189	632	1821	17	267
8	31	1566	834	2400	1426	665	2091	8	132
7	SEP. 1	2009	541	2550	1441	658	2099	34	534
6	2	1611	949	2560	1394	665	2059	13	204
6	3	1586	964	2550	1311	662	1973	17	258
6	4	1698	882	2580	900	703	1603	48	250
6	5	1132	1378	2510	884	649	1533	15	233
6	6	1031	1309	2340	876	600	1476	9	146
6	7	680	1640	2320	737	600	1337	-3	-54
6	8	899	1371	2270	1390	551	1941	-30	-471
6	9	954	1246	2200	1442	547	1989	-29	-459
6	10	491	1629	2120	1346	548	1894	-51	-804
6	11	414	1426	1840	972	676	1648	-33	-525
6	12	319	1281	1600	880	616	1496	-34	-527
6	13	-562	2012	1450	257	653	910	-49	-770
6	14	-752	1912	1160	220	621	841	-58	-914
6	15	-967	1445	978	0	624	624	-28	-439
6	16	-93	1047	954	20	629	649	-7	-106
6	17	1079	-239	840	22	636	658	63	994
6	18	2125	-1189	936	403	399	802	103	1619
6	19	1838	12	1850	644	489	1133	71	1123
6	20	1337	693	2030	809	575	1384	32	496
6	21	1187	623	1810	802	555	1357	23	362
6	22	1352	668	2020	803	505	1308	33	514
6	23	1262	1158	2420	358	533	891	54	850
6	24	741	1489	2230	803	611	1414	-4	-58
6	25	1047	1183	2230	643	669	1312	24	380
6	26	1250	1020	2270	658	632	1290	36	556
6	27	1341	1139	2480	1257	580	1837	5	79
6	28	337	2003	2340	1073	688	1761	-44	-692
6	29	-77	1767	1690	633	762	1395	-43	-667
6	30	-436	1806	1370	624	654	1278	-64	-996
6	OCT. 1	-389						-23	-366
518		105331			89398			946	14987

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.
1	771	151	922	2575	AUG 21	727900	8474	2726	11200	94
1	299	151	450	2578	22	710340	8471	2729	11200	94
1	87	151	238	2575	23	692920	8274	2726	11000	94
1	83	151	234	2576	24	678330	8173	2727	10900	94
1	105	151	256	2573	25	663060	7876	2724	10600	95
1	189	151	340	2570	26	647480	7579	2721	10300	94
1	288	151	439	2571	27	632340	7578	2722	10300	94
1	199	151	350	2571	28	614980	7678	2722	10400	93
1	224	151	375	2574	29	604040	7573	2727	10300	93
1	189	151	340	2574	30	589660	7255	2725	9980	94
1	153	151	304	2572	31	576490	6997	2723	9720	94
1	171	151	322	2567	SEP. 1	562560	6972	2718	9630	93
1	145	151	296	2566	2	550290	6573	2717	9290	96
1	194	151	345	2564	3	538550	6155	2715	8870	96
1	283	151	434	2572	4	527100	6057	2723	8780	96
1	498	151	649	2564	5	516240	5815	2715	8530	95
1	731	151	882	2584	6	507690	5445	2735	8200	95
1	677	151	828	2571	7	498860	5048	2722	7790	94
1	568	151	719	2570	8	489130	4739	2721	7460	93
1	341	151	492	2568	9	481930	4381	2719	7100	92
1	109	151	260	2567	10	475200	4192	2718	6860	90
1	39	151	190	2567	11	468990	3712	2718	6430	87
1	87	151	238	2568	12	463020	3251	2719	5970	84
1	94	151	245	2564	13	456550	3025	2715	5740	85
1	98	151	249	2561	14	451170	3028	2712	5740	83
1	219	151	370	2559	15	445510	3035	2705	5740	81
2	124	152	276	2552	16	439650	3034	2704	5740	79
2	97	152	249	2551	17	433610	3007	2703	5710	77
2	78	152	230	2549	18	428610	3009	2701	5710	75
2	41	152	193	2534	19	420990	3024	2686	5710	72
2	14	152	166	2544	20	415230	2864	2696	5560	72
2	238	152	390	2550	21	409850	3308	2702	6010	71
2	364	152	516	2550	22	405490	1658	2702	4360	69
7	401	157	558	2549	23	401490	1004	2706	3710	66
6	726	156	882	2547	24	404720	-3	2703	2700	64
4	530	154	684	2552	25	405230	-136	2706	2570	61
2	518	152	670	2555	26	406260	-134	2704	2570	59
4	651	154	805	2553	27	407030	-117	2707	2590	57
3	469	153	622	2554	28	408050	-147	2707	2560	55
2	418	152	570	2553	29	408050	-745	2705	1960	52
2	364	152	516	2553	30	411900	-845	2705	1860	50
2	124	152	276	2553						
2	54	152	206							
	13357									

ND BETWEEN SNAKE RIVER GAGING STATIONS 1937

T EXCEPT AS NOTED

	NEELEY			LAKE WALCOTT	MINIDOKA CANALS				HOWELLS				DATE	MILNER LAKE GAGE	GOODING PROJECT				NORTH SIDE CANAL CO.						
DATE	STOR.	NORM.	TOTAL	Contents At Ft	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL	GOODING	R.A.	MAIN	TOTAL	STOR	NORM.		
	8429	2726	11200	94250	1480	1190	2670	2470	0	5454	2724	8180	AUG 22	10.82	1060	0	1060		61	1570	2554	2330	321		
	8431	2729	11200	94220	1470	1170	2640	2440	0	5531	2729	8260	23	10.70	1060	0	1060		61	2510	3497	3170	321		
	8274	2726	11000	94250	1470	1170	2640	2440	0	5504	2726	8230	24	10.80	1040	0	1040		61	2900	3281	2960	321		
	8173	2727	10900	94220	1440	1210	2650	2450	0	5333	2727	8060	25	10.82	1030	0	1030		61	2280	3371	3050	321		
	7974	2724	10600	95180	1430	1220	2650	2450	0	5106	2724	7830	26	10.76	1030	0	1030		61	2320	3301	2980	321		
	7879	2721	10300	94950	1430	1210	2640	2440	0	5019	2721	7740	27	10.70	1030	0	1030		61	2300	3281	2960	321		
	7578	2722	10300	94370	1420	1210	2630	2430	0	4980	2722	7710	28	10.55	1020	0	1020		61	2280	3251	2930	321		
	7478	2722	10400	93670	1420	1190	2610	2410	0	4908	2722	7630	29	10.74	1020	0	1020		61	2280	3271	2950	321		
	7473	2727	10300	93670	1320	1150	2470	2470	0	4843	2727	7570	30	10.88	920	0	920		61	2220	3201	2880	321		
	7245	2725	9980	94490	1180	1140	2320	2320	0	4565	2725	7290	31	10.92	850	0	850		61	2180	3171	2850	321		
	6997	2723	9720	94370	1180	1120	2300	2300	0	4227	2723	6950	SEP 1	10.78	850	0	850		60	2080	3070	2749	321		
	6912	2718	9630	95180	1190	1120	2310	2310	0	3912	2718	6630	2	10.66	850	0	850		60	1890	2880	2560	320		
	6733	2717	9290	96510	1150	1110	2260	2260	0	3783	2717	6500	3	10.57	830	0	830		60	1850	2846	2526	320		
	6155	2715	8870	96870	1100	1090	2190	2190	0	3785	2715	6500	4	10.64	810	0	810		60	1800	2770	2450	320		
	6057	2723	8780	96990	1090	1040	2130	2130	0	3727	2723	6500	5	10.48	810	0	810		60	1800	2760	2440	320		
	5815	2715	8530	95910	1090	939	2029	2029	0	3755	2715	6470	6	10.59	790	0	790		60	1770	2738	2418	320		
	5445	2735	8200	95430	1080	896	1976	1976	0	3635	2735	6370	7	10.63	770	0	770		60	1710	2690	2368	322		
	5068	2722	7790	94840	1080	882	1962	1962	0	3358	2722	6080	8	10.62	750	0	750		60	1670	2640	2320	320		
	4739	2721	7460	93900	1080	882	1962	1962	0	3109	2721	5830	9	10.59	730	0	730		60	1640	2620	2300	320		
	4381	2719	7100	92390	1030	882	1912	1912	0	3041	2719	5760	10	10.65	730	0	730		60	1620	2580	2260	320		
	4142	2718	6860	90880	965	848	1813	1813	0	2942	2718	5660	11	10.68	730	0	730		60	1560	2520	2200	320		
	3712	2718	6430	89340	958	809	1767	1767	0	2722	2718	5440	12	10.50	730	0	730		60	1460	2420	2100	320		
	3251	2719	5970	86920	947	776	1723	1723	0	2451	2719	5170	13	10.55	730	0	730		60	1270	2230	1910	320		
	3025	2715	5740	85400	939	768	1707	1707	0	2335	2715	5050	14	10.52	730	0	730		60	1190	2150	1831	319		
	3028	2712	5740	83540	928	776	1704	1704	0	2338	2712	5050	15	10.59	730	0	730		60	1170	2120	1801	319		
	3035	2705	5740	81510	932	795	1727	1727	0	2465	2705	5170	16	10.50	730	0	730		58	1180	2138	1820	318		
	3036	2704	5740	79260	934	784	1718	1718	0	2616	2704	5320	17	10.58	730	0	730		57	1150	2097	1779	318		
	3007	2703	5710	77230	936	725	1661	1661	0	2637	2703	5340	18	10.79	730	0	730		56	1110	2076	1758	318		
	3009	2701	5710	75200	932	624	1556	1556	0	2639	2701	5340	19	10.70	730	0	730		53	1060	2003	1685	318		
	3024	2686	5710	72940	925	596	1518	1518	0	2704	2686	5390	20	10.84	730	0	730		52	1080	2032	1716	316		
	2864	2696	5560	72050	862	551	1413	1397	14	2710	2680	5390	21	10.94	730	0	730		50	1060	2010	1610	400		
	3308	2702	6010	71390	776	524	1300	1128	172	2970	2530	5000	22	10.96	730	0	730		44	1090	1984	1584	400		
	1458	2702	4360	69850	746	498	1244	833	412	2950	2290	4740	23	10.64	730	0	730		45	1010	1925	1525	400		
	1004	2704	3710	66000	675	452	1127	611	516	2920	2190	4610	24	10.90	730	0	730		38	721	1709	1309	400		
	- 3	2703	2700	64360	672	395	1067	439	633	1510	2070	3580	25	10.76	730	0	730		33	350	1263	863	400		
	-136	2706	2570	61720	658	346	1004	288	714	1070	1990	3060	26	10.54	730	0	730		32	251	1163	763	400		
	-134	2704	2570	59450	649	328	977	263	714	830	1990	2820	27	10.22	720	0	720		30	214	1104	704	400		
	-117	2707	2590	57190	637	359	996	279	717	770	1990	2760	28	10.03	720	0	720		29	179	1069	669	400		
	-147	2707	2560	55470	649	403	1052	335	717	850	1990	2840	29	9.71	420	0	420		29	163	1052	652	400		
	-145	2705	1960	52250	670	439	1109	394	715	370	1990	2360	30	9.78	0	0	0		28	161	1049	649	400		
	-145	2705	1860	50520	722	512	1234	449	785	200	1920	2120													
																	130795					248184			
								218041																	
518																									

DATE	NORTH SIDE CANAL CO.						TWIN FALLS CAN. CO.			MILNER LOW LIFT			SNAKE R. AT MILNER		
	ING	R.A.	MAIN	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
AUG 18	920	61	2570	3551	3230	321	1125	2405	3530	154	0	154	202	0	202
19	920	61	2510	3491	3170	321	1122	2408	3530	154	0	154	202	0	202
20	930	61	2400	3381	3060	321	1125	2405	3530	127	0	127	202	0	202
21	920	61	2380	3371	3050	321	1124	2406	3530	126	0	126	202	0	202
22	920	61	2320	3301	2980	321	1097	2403	3500	126	0	126	202	0	202
23	910	61	2300	3281	2960	321	1060	2400	3460	126	0	126	200	0	200
24	930	61	2280	3251	2930	321	999	2401	3400	125	0	125	198	0	198
25	920	61	2220	3201	2880	321	1009	2401	3410	126	0	126	200	0	200
26	930	61	2180	3171	2850	321	934	2406	3340	126	0	126	200	0	200
27	930	60	2080	3070	2749	321	876	2404	3280	127	0	127	200	0	200
28	930	60	1890	2880	2540	320	838	2402	3240	127	0	127	200	0	200
29	930	60	1850	2840	2520	320	852	2398	3250	116	0	116	200	0	200
30	910	60	1800	2770	2450	320	793	2397	3190	127	0	127	198	0	198
31	900	60	1800	2760	2440	320	745	2395	3140	128	0	128	198	0	198
SEP 1	920	60	1770	2750	2430	320	757	2403	3140	127	0	127	198	0	198
2	920	60	1710	2690	2368	322	735	2395	3130	126	0	126	200	0	200
3	910	60	1670	2640	2320	320	597	2413	3010	127	0	127	200	0	200
4	900	60	1660	2620	2300	320	488	2402	2890	127	0	127	200	0	200
5	900	60	1620	2580	2260	320	359	2401	2760	126	0	126	200	0	200
6	900	60	1560	2520	2200	320	261	2399	2660	127	0	127	200	0	200
7	900	60	1460	2420	2100	320	102	2398	2500	127	0	127	200	0	200
8	900	60	1270	2230	1910	320	62	2398	2460	126	0	126	200	0	200
9	900	60	1190	2150	1831	319	61	2399	2460	126	0	126	200	0	200
10	890	60	1170	2120	1801	319	64	2396	2460	126	0	126	200	0	200
11	900	58	1180	2138	1820	318	67	2393	2460	125	0	125	200	0	200
12	890	57	1150	2097	1779	318	63	2387	2450	125	0	125	204	0	204
13	910	56	1110	2076	1758	318	54	2386	2440	126	0	126	206	0	206
14	890	53	1060	2003	1685	318	55	2385	2440	127	0	127	204	0	204
15	900	52	1080	2032	1716	316	57	2383	2440	126	0	126	204	0	204
16	900	50	1060	2010	1610	400	40	2370	2410	108	0	108	204	0	204
17	900	46	1040	1986	1586	400	0	2280	2280	78	0	78	204	0	204
18	870	45	1010	1925	1525	400	0	2130	2130	78	0	78	214	0	214
19	890	38	781	1709	1309	400	0	1890	1890	79	0	79	268	0	268
20	880	33	350	1243	843	400	0	1790	1790	79	0	79	263	0	263
21	870	32	251	1153	753	400	0	1670	1670	79	0	79	268	0	268
22	860	30	214	1104	704	400	0	1590	1590	79	0	79	263	0	263
23	860	30	179	1069	669	400	0	1590	1590	79	0	79	263	0	263
24	860	29	163	1052	652	400	0	1590	1590	80	0	80	263	0	263
25	880	28	161	1069	669	400	0	1590	1590	79	0	79	263	0	263
26															
27															
28															
29															
30															
31															
					268184		75958					16536			

NAME OF CANAL		MAY 20	21	22	23	24	25	26	27	28	29	30	31	JUNE 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
SWAN VALLEY CANALS	1																																			
	2																																			
RILEY	3																																			
PROGRESSIVE IRR. DIST.	4																																			
FARMERS FRIEND	5																																			
ENTERPRISE	6																																			
NELSON	7																															0	8	11	17	18
NATTSON - CRAIG	8																															0	130	139	243	177
RANSBERGER	9																																		31	0
HARRISON	10																																			
CHENEY	11																																			
RUDY & BOOMER	12																																			
NITE & NORD	13																																			
BURGESS	14																																			
LOWDER & JENNINGS	15																																			
SUNNYDELL	16																													0	181	181	172	145	61	56	6
LENROOT	17																																			
REID	18																																			
HILL-PETTINGER	19																																			6
DILTS	20																																			
ISLAND	21																																			
HENRYS FORK CANALS [a]	22																																			
BUTTE & MARKET LAKE	23																																			
OSGOOD	24																																			
BEAR ISLAND	25																																			
SMITH	26																													0	1	1	1	0	0	0
KENEDY	27																													0	50	0	0	0	61	110
IDAHO	28																																	0	17	17
MARTIN	29																													0	27	30	33	0	41	86
NEW SWEEDEN IRR. DIST.	30																																			
WOODVILLE	31																																			
SNAKE RIVER VALLEY	32																																			
PENALTY ON STORED NORMAL	33																																			
	34																																			
TOTAL HEISE - SHELLEY	35																													0	379	377	264	383	40	48
	36																																			
RESERVATION	37																																			
BLACKFOOT	38																																			
NEW LAVA SIDE	39																																			
PEOPLES	40																																			
ABERDEEN	41																																			
CORBETT	42																																			
RIVERSIDE	43																																			
TREGO	44																																			
PENALTY ON STORED NORMAL	45																																			
	46																																			
TOTAL SHELLEY-BLACKFOOT	47																																			
	48																																			
MINIDOKA PROJECT	49					84	114	94	114	124	29	4	0	0	0	0	0	0	0	0	0	0	0	279	322	0	0	198	0	0	0	0	0	899	894	898
MILNER LOW LIFT	50						148	147	147	146	147	148	143											120	150	151	152	144	136	135	129	125	124	119	110	110
TWIN FALLS CANAL CO.	51							330	320	320	300	246	300											70	60	10	90	60								
NORTH SIDE CANAL CO.	52						101	402	392	412	342	292	382												321	44	0	22	0	0	11	11	81	91	87	53
GOODING PROJECT	53						1080	1120	1140	1170	1140	1150	1170	1180	320	310	300	310	642	913	766	520	1064	1150	1130	1100	1070	1070	1070	1070	1070	1080	1080	1090	1090	108
IDAHO POWER CO.	54																																			
	55																																			

[a] Listed here one day later than actual draft. See plate 22 for details.

DAILY STORAGE DIVERSIONS

24 HOUR SECOND FEET EXCEPT AS NOTED

| | JULY | | |

IONS 1937

NOTED

3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	SEP. 1	2	3	4	5	6	7	8	9	10	11	12	13	14
20	20	20	20	20	20	20	20	20	20	20	20	20	15	10	5	5	5	5	5	0																						
0	0	19	19	17	16	20	19	19	19	19	14	19	19	19	18	18	17	10	8	5	8	13	14	14	13	14	12	12	9	9	13	13	10	10	10	10	9	5	4	2	1	0
0	103	104	109	108	107	142	197	203	199	199	199	200	199	202	164	129	101	81	47	20	19	21	24	66	62	66	67	66	0	0	0	0	0	0	0	0	0	5	5	9	23	8
0	0	0	5	0	0	0	0	6	0	0	25	24	22	20	14	18	20	34	36	36	7	6	0																			
21	21	21	16	117	117	117	117	117	117	18	20	20	18	123	123	121	115	114	111	23	23	24	22	22	107	107	96	97	99	12	10	10	8	8	2	8	8	86	78	60	30	12
1	1	0	-1	-1	-1	2	2	1	1	1	1	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-6	-6	-6	6	7	8	8	4	3	3	3	3	3	4	8	5	4	4	5	7	14	7	0	4	2	4	2	-6	-6	-6	-6	-6	-6	-5	7	6	8	12	0	0	-4	-6	-6
0	0	0	0	0	0	0	3	8	0																																	
400	400	-48	-48	-48	-48	401	401	405	405	405	408	408	408	408	408	408	-51	-51	-51	-45	-45	-41	406	406	406	-53	-53	-45	-45	-45	-45	-45	-45	397	397	398	397	-53	-53	-53	-45	-45
0	-5	-5	-5	-5	-5	-2	-2	7	3	7	7	5	0																													
51	50	49	45	52	50	47	57	81	77	86	85	85	92	90	92	90	37	2	3	5	9	6	7	8	10	10	11	10	1	1	2	3	2	3	4	4	3	5	1	1	1	0
-7	-7	-7	0	0	5	5	5	5	2	2	2	2	1	1	1	1	1	5	5	5	5	1	2	2	1	0																
26	351	346	337	342	301	0																																				
17	19	-18	4	13	13	50	50	50	52	53	36	30	4	4	6	6	5	6	0	0	0	5	5	5	5	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	15	13	15	20	22	72	72	66	67	70	64	60	-18	-18	58	64	64	62	67	64	64	74	70	69	-18	-18	93	63	38	35	25	29	56	58	39	22	-18	-18	-18	-18
60	61	50	60	73	68	56	98	122	120	120	142	158	116	116	56	52	9	6	9	9	9	23	52	107	109	111	112	96	75	57	57	56	29	9	9	23	23	80	72	47	0	
0	0	0	0	0	0	0	0	0	36	36	36	30	22	22	22	22	26	25	27	27	29	22	21	22	22	20	22	27	14	0												
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21	486	442	396	477	429	424	332	403	490	514	491	444	317	393	419	535	534	487	489	59	-60	-60	-60	57	58	57	58	-60	-60	-60	-60	-60	22	69	43	37	-60	-60	-60	-60	57	44
0	0	0	0	209	209	209	240	240	241	248	256	250	0	0	0	0	0	0	240	478	482	459	459	444	443	467	470	474	513	505	296	295	382	369	404	415	437	384	386	394	334	39
81	81	105	102	100	100	111	106	109	113	113	112	110	109	107	107	107	107	107	108	240	242	242	238	0	0	0	0	0	242	229	200	149										
3	3	3	3	3	0	0	3	3	1	3	0	0	0	3	3	3	3	3	0	109	110	111	112	111	111	110	109	108	108	108	108	109	110	111	112	112	113	113	112	111	109	10
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10	8	5	5	1	2	4	15	31	15	15	15	16	17	18	16	15	13	10	13	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0
90	80	60	70	0	0	0	0	70	210	129	124	113	97	92	81	87	74	42	259	45	17	16	15	13	10	11	11	18	13	12	12	11	0									
35	35	35	35	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	259	218	373	380	373	373	373	373	376	437	435	331	410	419	358	347	306	195	184	85	97	63	10
189	391	380	383	349	383	381	416	412	405	392	423	417	422	420	424	423	427	430	431	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
81	0	0	0	47	75	75	75	87	89	0	0	0	80	80	80	81	80	80	0	431	434	434	427	429	432	427	424	421	416	410	409	424	420	418	105	70	51	43	56	51	52	52
29	297	314	373	-73	-180	-180	-180	241	441	471	483	477	472	447	379	356	346	356	365	0	0	87	86	90	94	94	94	0	0	0	79	77	77	77	76	74	9	9	10	10	9	9
-1	-2	-9	-6	-14	-20	-20	-20	0	0	0	0	0	0	-6	-9	-9	-6	-6	-6	363	339	333	376	295	306	316	327	337	342	342	354	339	327	316	289	275	275	270	282	273	282	282
																				-25	-11	-11	-6	0	0	-6	-8	-14	-12	-12	-12	-5	-5	0	0	-6	-6	-12	-14	-8	-7	-8	-8	-8
279	2392	1840	1923	1846	1636	1889	1986	2767	3175	2948	3026	2904	2512	2590	2353	2411	2000	1963	2288	3179	1937	2153	2610	2762	2628	2284	2152	1893	2244	2083	1809	1990	1841	2182	1968	1713	1528	1112	967	1022	877	1
-14	-14	-14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107	301	287	293	298	296		
0	0	0	0	0	0	0	244	383	382	371	371	346	269	269	267	265	265	259	258	258	259	269	267	0	0	0	0	296	293	312	293	293	275	275	0	0	0	0	209	208	260	
71	70	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-20	-20	412	405	403	396	428	424	438	436	438	442	441	441	-20	-20	-20	-20	394	392	394	422	430	424	422	-20	-20	430	380	398	394	394	-20	-20	-20	-20	394	394	386	382	367	-20	
040	1040	1040	1040	1040	266	0	0	68	819	1000	1020	1020	1020	985	996	805	738	737	808	741	780	789	784	795	786	743	695	689	689	668	624	618	616	616	439	695	355	609	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	11	7	8	0	0	0	0	0	0	15	5	0	0	0	0	0	11	15	7	13	0	0	0	0	13	0	19
							0	-100	-100	0																																
0	0	0	0	0	0	0	0	57	54	65	48	0	0	0	0	0	62	24	58	57	0	0	0	0	0	64	67	67	0	0	0	0	0	0	0	0	0	58	26	47	0	
-3	-3	-1	0	0	0	0	0	-11	-11	0	0	0	0	-2	-2	-2	-2	0	0	0	0	0	0	0	-2	-2	0	0	0	0	0	-2	-2	-2	-2	0	0	0	0	0	-2	
1794	1073	1232	1445	679	396	928	756	1586	1761	1894	1901	1807	1695	1255	1061	1008	1050	1485	1469	1480	1461	1488	1477	1277	1229	1226	1189	1424	1434	1396	1311	906	884	874	737	1390	1442	1196	972	880	737		
2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2650	2650	2640	2630	2610	2470	2320	2300	2310	2260	2190	2130	2029	1976	1962	1942	1892	1813	1747	1702	1703	
154	154	154	154	154	154	154	154	154	155	151	151	151	151	148	126	124	127	127	127	127	127	124	126	126	125	124	126	127	127	116	127	128	127	126	127	127	127	126	124	124	124	124
185	185	185	185	185	185	185	185	185	137	113	119	154	151	148	126	124	127	127	127	122	1125	1124	1089	1060	999	1009	954	876	838	852	793	765	757	735	597	488	319	267	202	42	41
3230	3230	3230	3230	3230	3230	3230	3230	3230	3230	3230	3230	3230	3230	3230	3230	3230	3230	3240	3240	3170	3040	3050	2980	2940	2930	2880	2880	2850	2747	2540	2520	2450	2440	2430	2268	2320	2200	2100	1900	1900	1900	1900
1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1030	1030	1030	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020
202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	200	198	200	200	200	200	200	200	198	198	198	200	200	200	200	200	200	200	200

IONS

NOTE:

NO.	TOTAL SEC. FT	TOTAL AC. FT.	JACKSON LAKE EQUIV AC. FT.	JACKSON LAKE RIGHT AC. FT	RM. FALLS RIGHT AC. FT.	OTHER RIGHTS AC. FT.	SEASONAL PURCHASES AC. FT
1	535	1062	1145	0	0		
2							
3	1418	2812	3033	1200	1163		
4	9359	18563	20015	0	22142		
5	872	1730	1865	2000	0		
6	5668	11242	12122	6100	18417		
7	0	0	0	0	0		
8	124	246	265	0	0		
9	-41	-81	-87	0	0		
10	10854	21533	23220	5000	18179		
11	0	0	0	0	0		
12	2804	5565	6000	2000	9031		
13	0	0	0	0	0		
14	8064	15994	17246	5120	11997		
15	488	967	1040	1040	0		
16	2405	4770	5143	4000	0		
17	4594	9112	9826	3000	6826		
18	720	1428	1541	0	3002		
19	9	18	19	0	0		
20	733	1453	1567	0	1567		
21	0	0	0	0	0		
22	26298	52061	56137	0	44867		
23	6287	12470	13447	0	5806		
24	8492	16844	18163	0	24027	⑨	3493
25	140	278	300	0	330		
26	34	67	72	0	120		
27	632	1253	1351	355	0		
28	12497	24788	26728	0	37588		
29	2244	4450	4800	1500	3300		
30	23291	46197	49817	5000	43239		
31	3079	6107	6586	0	13200		
32	25893	51259	54167	15000	40552	③	1082
33	-777	-1541	-1662	0	0		
34							
35	156685	309585	332720	51315	298353		4480
36							
37	1386	2749	2964	0	0		
38	10133	20099	21672	0	22053		
39	582	1154	1245	0	0		
40	20990	41632	44887	8000	34732		
41	54494	108086	116559	42685	20639		
42	873	1732	1868	0	5868		
43	-200	-397	-428	0	0		
44	1203	2386	2573	0	2195		
45	-63	-125	-135	0	0		
46							
47	89398	177316	191205	50685	134837		
48							
49	218041	432478		325810	74895	⑮	1453
50	16536	32799		0	53455		
51	75590	150660		82980	225378		
52	268468	531939		274430	477182		
53	130795	259428		0	413530		
54	16303	32337		0	45000		
55	971302	1926542		787220	1224430		1499

PLATE NO. 14

22	23	24	25	26	27	28	29	30	NO.	TOTAL SEC. FT.	TOTAL AC. FT.	JACKSON LAKE EQUIV. AC. FT.	JACKSON LAKE RIGHT AC. FT.	AM. FALLS RIGHT AC. FT.	OTHER RIGHTS AC. FT.	SEASONAL PURCHASES AC. FT.	TOTAL RIGHTS AC. FT.
									1	535	1062	1145	0	0		0 ① 1145	1145
									2								
4	2	1	1	1	1	1	0	0	3	1918	2812	3032	1200	1163		0 ② 900	3263
									4	9359	18563	20015	0	22142		0 ③ 7595	29757
									5	822	1730	1865	2000	0		0	2000
96	72	47	65	35	9	0	0	0	6	5668	11242	12122	6100	15417		0 ④ -9395	12122
2	0								7	0	0	0	0	0		0	0
2	2	-2	0	0	-1	-2	-1	-4	8	124	244	265	0	0		0 ⑤ 265	265
									9	-41	-81	-87	0	0		0 ⑥ -87	-87
									10	10856	21533	23220	5000	18179		0 ⑦ 41	23220
									11	0	0	0	0	0		0	0
1	1	1	1	1	6	6	6	6	12	2804	5565	6000	2000	3031		0 ⑧ 969	6000
									13	0	0	0	0	0		0	0
									14	8064	15994	17246	5120	11997		0 ⑨ 129	17246
									15	488	967	1040	1040	0		0	1040
									16	2405	4770	5143	4000	0		0 ⑩ 1143	5143
									17	4594	9112	9826	3000	6826		0	9826
									18	720	1428	1541	0	3002		0 ⑪ -1441	1541
2	1	0							19	9	18	19	0	0		0 ⑫ 19	19
0	0	28	28	28	24	19	0		20	733	1453	1567	0	1567		0	1567
48	-60	-21	0	47	25	20	17		21	0	0	0	0	0		0	0
182	161	143	157	167	163	165	167		22	26298	52061	56137	0	44867		0 ⑬ 12288	57155
									23	6287	12470	13447	0	5806		0 ⑭ 7641	13447
108	107	104	105	103	105	108	108		24	8492	16844	18163	0	24027	⑨ 3453	⑳ -1026	24654
0	0	0	3	3	3	3	3		25	140	278	300	0	330		0	330
1	0	1	1	0	0				26	34	67	72	0	120		0	120
									27	632	1253	1351	355	0		0 ⑮ 996	1351
203	0								28	12497	24788	26728	0	39588		0	39588
0	0	0	6	5	5	5	5		29	2244	4450	4800	1500	3300		0	4800
10	10	10	10	10	10	10	8		30	23291	46197	49817	5000	43239		0 ⑯ 1578	49817
20	16	12	12	12	12	12	11		31	3079	6107	6586	0	15200		0 ⑰ -4200	9000
82	156	137	130	123	116	95	78		32	25843	51259	54167	15000	40552	⑬ 1027	0	56579
0	-6	-2	0	0	0	0	0		33	-777	-1541	-1662	0	0		0 ⑱ -1250	-1250
									34								
33	452	481	529	513	468	442	395		35	156085	309585	332720	51315	298353	4480	16145	370493
									36								
									37	1386	2749	2964	0	0		0 ① 2964	2964
0	0	0	0	244	238	193	181		38	10133	20099	21672	0	22053		0	22053
0	0	0	0	0	44	41	45		39	582	1154	1245	0	0		0 ⑭ 1245	1245
2	24	24	28	386	382	339	338		40	20990	41632	44887	8000	34132		0 ⑮ 2755	44887
7	698	592	627	627	409	0			41	54494	108086	116559	42685	70639		0 ① 3235	116559
1	15	19	3	0					42	873	1732	1868	0	5868		0 ⑫ -4000	1868
									43	-200	-397	-428	0	0		0 ⑰ -428	-428
7	64	6	0						44	1203	2386	2573	0	2145		0 ⑯ 428	2573
									45	-63	-125	-135	0	0		0 ⑱ -135	-135
									46								
803	693	658	1257	1023	633	624			47	89398	177316	191205	50685	134837		0 4664	191586
									48								
434	288	263	279	335	374	449			49	218041	432478		325810	74895	⑲ 145290	0	547995
79	79	79	79	80	80	79			50	14536	32799		0	53455		0	53455
1309	863	753	704	669	652	669			51	75598	150440		82980	225378		0 ⑬ -23354	285004
730	730	730	720	720	420	0			52	268168	531939		276430	427182		0	753612
263	263	263	263	263	263	263			53	130795	259428		0	413530		0	413530
									54	16301	32337		0	45000		0	45000
									55	971302	1926592		787220	1724430	149970	0	2661820

NOTES

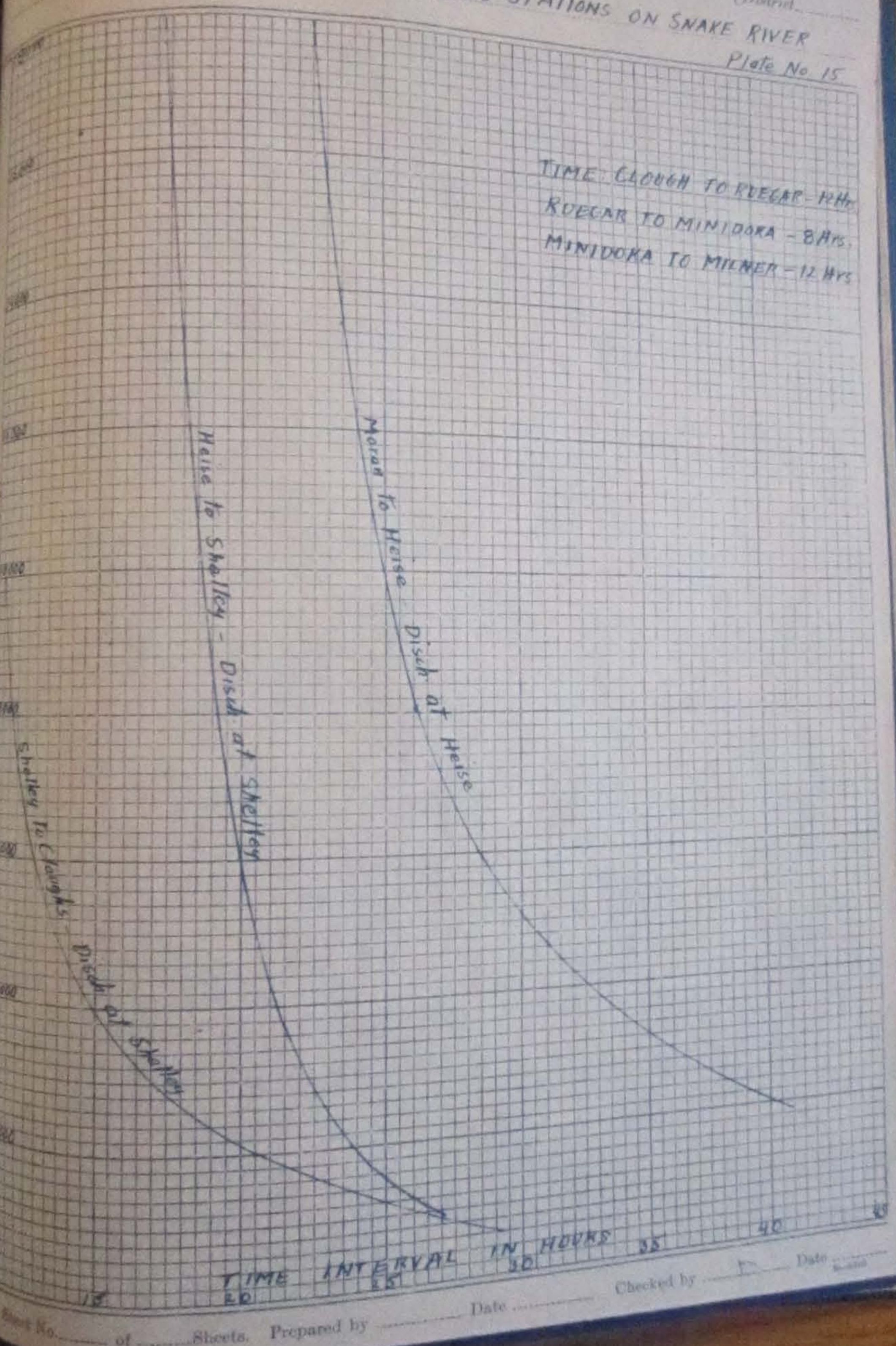
① From Pool.
② From Enterprise Canal.
③ 7595 to Progress, 900 to Riley, 900 to Rudy
④ Transfer to Mattson-Craig.
⑤ 178 from Pool, 87 from Arnsberger.
⑥ 900 from Enterprise, 69 from Pool.
⑦ 539 from Pool, transferred 2000 to Consol. Farmers.
⑧ 10288 from Pool, 2000 from Reid
⑨ Twin Lakes.
⑩ Transfer to New Sweeden Irr. Dist.
⑪ 1026 from Osgood, 552 from Pool.
⑫ To Pool
⑬ From Market Lake Springs.
⑭ From Peoples.
⑮ 4000 from Corbett less 1245 to New Lava Side.
⑯ To Peoples.
⑰ To Trego.
⑱ From Riverside.
⑲ 96,700 Lake Walcott and 48590 gain Neeley to Milner.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

File Number | Washington ... District ...

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No 15



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

PLATE NO. 15

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR MAY 1937

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	8	10	16	82
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	25	54	67	67	92	95	96	518
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	46	29	58	71	71	90	95	106	600
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	16	21	25	32	43	51	252
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	1	1	1	1	1	1	7
ENTERPRISE	40	40	40	40	40	45	90	51	57	75	70	79	84	74	87	87	88	97	102	101	104	114	123	127	106	119	124	138	146	152	159	2806
BELL	0	0	0	0	0	0	0	0	2	4	4	4	4	6	8	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	8	197
FALL RIVER	0	0	0	0	0	0	0	0	0	0	0	0	0	159	264	268	266	284	306	291	287	344	400	415	424	420	420	431	442	403	350	6256
McBEE	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	7	7	7	7	6	84
CHESTER	0	0	0	0	0	0	0	0	0	41	41	41	42	42	46	50	50	50	47	44	46	50	51	54	55	57	58	56	60	65	70	1118
SILKEY	0	0	0	0	0	0	0	0	0	9	9	9	9	9	9	9	9	0	0	0	0	0	25	25	25	26	26	26	26	26	20	247
CURR	0	0	0	0	0	0	0	0	0	0	0	0	24	24	28	32	40	40	0	59	60	60	60	61	61	61	61	61	61	61	50	904
TOTAL SQUIRREL-CHESTER	40	40	40	40	40	45	90	51	64	134	129	139	168	419	447	461	468	486	465	505	507	583	670	693	699	716	735	763	797	797	778	11949

HENRYS FORK CANALS

DEWEY	22	22	22	22	22	22	22	22	22	23	23	23	23	24	24	25	25	25	26	26	26	26	26	26	27	27	27	27	27	27	25	756
LAST CHANCE	30	30	30	30	30	30	36	46	56	66	65	64	64	65	64	64	74	68	66	64	64	77	90	99	108	104	100	101	101	102	94	2082
ST. ANTHONY UNION	450	450	483	473	494	486	477	498	506	515	473	452	468	477	488	498	485	494	515	510	498	557	564	575	555	548	546	552	544	536	481	15648
FARMERS FRIEND	91	101	126	155	172	172	172	184	196	172	196	184	201	184	207	207	139	231	242	266	231	266	227	231	242	252	272	252	254	207	206	6294
TWIN GROVES	71	76	78	86	86	86	88	90	44	98	98	98	108	118	118	138	156	156	156	156	151	147	149	151	153	153	169	156	156	149	147	3856
SALEM UNION	121	140	159	164	170	172	174	177	180	180	180	180	191	202	206	210	214	213	212	214	218	218	218	218	217	216	214	213	210	207	198	6071
TOTAL ASHTON-ST. ANTHONY	785	819	898	930	974	968	969	1017	1054	1054	1035	1001	1055	1070	1107	1142	1093	1187	1217	1236	1181	1311	1274	1300	1302	1300	1328	1301	1308	1238	1204	34852
EGIN	301	319	312	265	283	283	297	319	315	322	326	309	333	329	337	344	344	380	383	395	369	373	387	391	387	387	387	385	381	383	347	10102
ST. ANTHONY UNION FEEDER	90	90	96	92	90	93	96	96	97	98	99	98	102	104	106	108	104	119	119	115	113	115	119	119	124	124	118	118	119	115	100	3291
INDEPENDENT	240	249	243	306	69	262	260	275	295	284	293	308	311	302	312	343	338	365	371	366	360	366	368	395	373	368	361	380	371	338	326	9858
CONSOLIDATED FARMERS	150	155	162	167	172	171	224	234	224	224	224	227	228	230	238	241	240	238	248	257	273	307	315	315	324	317	315	326	326	309	309	7686
TOTAL ST. ANTHONY-REXBURG	781	813	833	830	614	815	885	914	931	928	942	941	974	965	1063	1036	1026	1102	1121	1133	1113	1161	1189	1210	1206	1193	1191	1209	1207	1145	1076	31537

TETON RIVER CANALS

SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	16	15	45		
WILFORD	26	26	26	27	28	28	0	0	0	0	120	122	123	124	130	140	150	160	167	157	164	175	177	200	198	199	199	208	208	208	188	3678
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	54	66	59	71	84	89	91	85	599
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	44	44	44	44	44	44	44	40	304
PIONEER	0	0	0	0	0	0	0	0	0	5	10	10	10	3	3	10	17	17	17	17	17	10	3	3	10	14	14	14	14	14	14	246
STEWART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	22	22	22	22	22	22	0	0	0	22	22	22	22	20	20	271
PINCOCK-BYINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	19	21	21	21	20	20	20	159
PINCOCK-GARNER	0	0	0	0	0	20	20	21	22	23	24	25	25	25	25	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	634
TETON ISLAND FEEDER	0	0	0	0	50	100	150	155	160	165	170	175	180	190	200	220	240	260	300	320	326	330	340	360	370	376	376	380	380	380	338	6496
NORTH SALEM	0	0	0	0	0	0	0	0	0	18	18	18	20	22	24	26	28	29	29	25	28	32	34	35	36	36	36	36	36	36	36	658
ROXANA	1	1	1	1	1	2	2	3	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	3	3	3	2	2	2	2	2	90
ISLAND WARD	30	30	30	30	35	40	45	51	53	55	60	60	60	60	65	66	67	67	70	75	80	85	90	96	98	99	100	101	100	100	100	2058
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	14	13	15	16	18	17	17	18	19	20	184
CITY OF REXBURG	0	0	0	0	0	0	0	0	0	20	26	26	32	37	38	40	42	44	46	47	48	50	51	52	50	47	50	48	47	48	47	934
REXBURG IRRIGATION	0	0	0	66	68	69	70	70	80	90	100	104	104	104	131	189	186	188	199	203	196	226	253	261	264	256	268	274	286	283	253	4864
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
SAVORY-SOMMERS	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	8	9	10	11	11	11	11	12	12	13	13	13	174
TOTAL	58	58	58	125	183	249	287	300	337	380	532	546	560	579	650	741	792	826	884	908	940	986	1003	1135	1110	1131	1158	1204	1218	1224	1063	21849

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
GARFIELD	13	13	13	13	13	13	13	13	13	13	13	4	4	4	4	4	4	4	4	4	17	17	17	17	17	17	17	17	0	0	311
HARRYSVILLE	101	110	110	137	140	133	139	148	156	165	164	175	135	104	100	102	88	107	107	107	142	158	172	180	190	199	219	0	199	199	4176
FALL ABOVE SQUIRREL	114	123	123	150	153	136	152	161	169	178	177	179	139	108	104	106	92	111	111	124	159	175	189	197	207	216	236	0	199	199	4487
FARMERS OWN	63	67	67	75	67	67	67	70	70	66	66	66	9	19	23	39	44	28	34	44	50	63	62	73	73	69	62	54	54	77	1668
LMY	2	2	2	2	2	2	2	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4	0	0	0	104
NTERPRISE	168	166	173	180	181	182	184	186	179	187	190	194	194	186	157	140	144	152	144	156	152	150	152	144	144	144	142	70	0	0	4533
ELL	8	8	8	8	8	8	8	8	8	8	8	8	10	11	11	11	11	11	12	12	12	12	12	12	12	11	11	10	5	5	287
ALL RIVER	330	251	346	442	456	470	415	424	433	442	451	468	310	293	276	300	324	348	366	380	394	433	415	424	433	446	459	466	455	455	11905
C BEE	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7	7	7	7	7	7	7	7	7	7	6	6	6	173
HESTER	81	76	70	70	70	70	67	70	72	60	79	70	16	16	16	16	16	50	80	80	80	82	75	65	55	49	38	19	7	7	1622
ILKEY	11	11	11	11	11	11	11	11	11	11	11	11	15	21	21	22	24	26	28	30	32	34	34	34	30	28	16	12	10	10	559
UHR	40	38	38	38	38	38	39	39	40	40	38	36	34	32	30	32	38	39	39	39	39	39	40	40	40	40	40	40	40	40	1143
RL SQUIRREL - CHESTER	708	633	719	851	838	853	796	817	822	823	852	862	597	588	544	571	612	666	715	747	771	825	802	803	798	798	779	677	577	600	22014

HENRYS FORK CANALS

DEWEY	22	22	22	22	22	21	21	21	21	21	21	21	21	22	22	22	22	21	22	22	22	22	22	21	20	20	19	0	0	0	578
LAST CHANCE	85	17	63	60	74	0	0	64	65	66	66	67	73	70	66	70	70	75	75	80	80	82	82	82	80	70	65	51	0	0	1808
ST. ANTHONY UNION	477	477	477	489	494	448	464	464	494	500	505	510	400	362	362	362	425	415	410	404	454	551	483	470	480	490	504	496	475	475	13817
FARMERS FRIEND	162	156	158	160	156	158	160	156	167	171	160	95	30	32	30	62	62	62	63	115	115	117	115	205	229	229	229	0	0	0	3554
TWIN GROVES	147	151	156	147	147	145	138	156	151	151	124	124	32	32	50	78	78	76	77	97	97	133	144	148	144	148	150	148	150	154	3673
SALEM UNION	195	194	205	216	215	208	192	200	218	216	214	225	220	107	126	136	138	140	145	168	192	204	216	212	223	218	199	180	210	235	5727
TOTAL - ANTON - ANTHONY	1064	1051	1086	1102	1119	980	975	1064	1116	1135	1090	1042	776	625	656	730	795	790	792	936	960	1104	1062	1138	1176	1135	1144	877	835	844	25 2405
EGIN	338	335	340	335	295	310	317	317	259	249	229	232	196	199	218	218	232	242	242	259	292	299	298	284	331	360	353	367	335	343	8694
ST. ANTHONY UNION FEEDER	99	97	110	97	88	79	83	90	41	91	90	90	44	44	44	82	96	55	51	53	74	94	92	96	96	86	34	44	44	44	2284
INDEPENDENT	318	315	320	348	320	293	293	280	289	291	234	215	168	165	168	161	199	203	209	215	257	266	284	295	288	283	161	158	140	131	7165
CONSOLIDATED FARMERS	309	295	295	295	259	251	251	267	259	283	267	243	224	224	211	223	334	322	335	324	335	314	236	196	194	198	76	68	110	204	6721
TOTAL - ANTHONY - RETURN	1064	1012	1065	1055	962	933	944	962	896	920	890	780	632	632	641	683	751	722	728	751	848	883	910	871	909	847	624	637	629	762	24867

TETON RIVER CANALS

STODDOWAY	16	16	16	16	16	15	14	13	13	13	13	10	8	8	8	8	8	8	8	8	12	15	20	23	22	20	19	19	19	19	423
WILFORD	171	188	199	186	193	106	104	175	187	191	191	181	47	52	52	138	169	167	158	168	179	195	211	204	205	205	206	93	97	96	4698
TETON IRRIGATION	77	92	104	91	94	100	97	105	89	85	90	93	0	0	0	0	0	92	77	73	86	93	109	111	109	114	111	100	122	59	2353
GOOD LUCK	29	21	35	40	40	40	40	40	35	30	30	30	0	0	0	0	0	30	39	39	39	39	39	39	35	30	27	21	14	14	823
PIONEER	14	14	14	14	14	14	14	14	14	14	14	14	5	5	5	5	5	10	15	20	25	30	40	40	40	35	27	21	16	16	526
STEWART	19	18	19	19	18	18	18	16	18	18	18	18	18	19	19	19	19	19	22	25	27	27	27	29	28	28	27	20	14	15	621
PINCOCK-BYINGTON	19	17	16	16	15	15	15	15	15	16	16	18	20	22	22	22	22	22	22	22	22	22	22	22	20	17	16	15	15	15	553
PINCOCK-GARNER	30	30	30	30	28	28	19	19	20	21	22	22	22	22	26	30	30	30	30	30	30	30	30	31	32	34	35	36	36	32	824
TETON ISLAND FEEDER	328	308	300	295	260	240	219	267	290	295	308	308	310	350	350	407	410	410	410	410	410	410	413	410	400	368	340	328	360	407	10310
NORTH SALEM	22	20	18	14	14	14	12	10	1	1	1	1	20	21	21	25	27	30	33	36	36	36	30	20	18	15	0	0	0	0	493
ROBANA	7	5	0	0	0	0	0	0	0	0	0	2	3	3	3	3	3	2	1	1	8	8	8	8	7	7	10	10	10	12	130
ELANO WARD	50	50	40	35	30	30	28	25	23	21	20	19	18	18	17	16	14	13	11	40	60	70	77	70	70	61	60	40	0	0	1037
WOODLAND - JOHNSON	50	47	45	43	42	41	41	41	41	41	41	41	10	10	10	10	10	10	10	35	36	31	30	29	30	32	32	33	31	29	601
CITY OF REXBURG	57	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	1620
REXBURG IRRIGATION	228	198	148	205	233	208	190	184	192	177	181	179	268	255	247	241	233	247	233	236	240	253	176	226	210	168	140	133	116	136	6268
PACOMAH - BOWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHURTZ - SOMERS	15	15	15	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	654
TOTAL	1062	1010	1004	1001	1004	1004	973	1015	1023	1029	1043	1027	1000	1055	1064	1163	1184	1190	1135	1216	1295	1345	1330	1387	1365	1300	1186	1116	915	896	31797

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR JULY 1937
FALL RIVER CANALS

PLATE NO. 15

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
LOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YSVILLE	0	0	0	81	81	81	82	82	82	82	82	82	82	84	83	84	0	0	0	0	0	0	0	0	0	0	68	53	68	66	68	1309
ABOVE SQUIRREL	0	0	0	81	81	81	82	82	82	82	82	82	82	84	83	84	0	0	0	0	0	0	0	0	0	0	68	53	68	66	68	1309
RMERS OWN	0	0	0	12	12	12	48	48	48	48	48	48	48	48	48	48	44	12	12	12	0	0	0	0	0	0	0	0	0	39	39	631
TY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TERPRISE	0	0	65	65	65	65	119	119	119	119	119	119	119	120	121	121	119	120	121	121	121	121	146	148	150	148	147	146	145	145	127	3480
LL	5	5	5	5	6	7	8	6	4	4	4	4	4	3	5	5	4	5	5	5	5	5	5	5	5	5	5	5	6	6	6	157
LL RIVER	366	366	366	359	352	330	308	300	291	297	297	297	297	299	308	302	297	298	299	297	295	310	345	350	354	328	303	301	299	306	312	9839
-BEE	7	7	7	7	7	7	7	6	5	5	5	5	4	4	4	5	5	5	6	6	5	5	2	2	0	0	0	0	0	0	4	132
ESTER	3	3	3	3	3	3	3	3	2	2	2	2	9	9	10	10	10	10	11	11	6	3	3	3	3	3	3	3	3	3	6	151
LKEY	10	10	2	2	3	3	23	16	14	14	14	14	6	6	5	5	6	6	6	6	25	18	12	8	4	4	17	10	0	0	0	269
URR	38	38	38	38	38	38	38	37	37	38	38	37	37	36	29	29	29	31	33	35	37	38	40	38	37	37	37	37	31	31	31	1106
AL SQUIRREL-CHESTER	429	429	486	491	486	465	554	535	520	527	527	526	524	525	530	526	482	487	493	481	494	510	553	554	553	515	512	502	484	530	525	15765

HENRYS FORK CANALS

DEWEY	0	0	6	7	7	9	9	9	10	9	9	8	7	7	7	7	7	8	8	7	8	8	8	9	9	10	10	11	11	11	12	252
AST CHANCE	0	0	47	47	47	50	52	50	47	47	47	40	47	47	46	46	46	44	43	46	48	48	47	47	47	47	47	46	44	43	42	1345
T. ANTHONY UNION	475	484	492	488	485	473	462	446	429	429	429	420	410	410	410	410	410	405	401	430	458	456	454	456	458	457	456	457	458	458	458	13824
ARMERS FRIEND	0	0	0	0	52	52	17	16	16	16	16	16	16	16	17	17	17	17	17	17	62	61	61	61	62	63	65	63	61	61	0	955
TWIN GROVES	143	133	115	98	94	90	89	88	88	88	83	78	77	76	74	73	75	78	78	90	85	80	83	86	83	80	82	84	83	82	82	2718
SALEM UNION	206	196	186	189	192	176	160	152	42	38	33	33	76	75	74	74	122	140	157	169	180	174	168	164	160	172	184	172	160	160	160	4344
OTAL - ASHTON-ST ANTHONY	824	813	846	824	841	850	789	761	652	624	617	595	633	631	630	627	670	692	703	760	841	823	822	823	830	824	845	833	817	815	859	24483
EGIN	299	296	291	296	299	265	230	241	252	258	265	265	351	324	297	295	293	310	316	336	347	347	304	326	347	351	355	351	347	326	304	9495
ST ANTHONY UNION FEEDER	58	58	59	54	49	58	68	64	60	59	58	47	36	39	42	40	39	35	31	31	31	36	40	44	45	44	44	44	43	49	55	1460
INDEPENDENT	94	92	88	88	48	50	147	180	163	160	159	147	135	135	135	135	135	135	135	135	84	98	121	124	137	140	144	140	135	146	158	3980
CONSOLIDATED FARMERS	248	201	135	230	218	236	251	246	217	213	209	208	206	150	147	145	143	155	168	110	143	150	156	140	150	159	161	170	177	177	177	5607
OTAL - ST ANTHONY-REXBURG	931	871	859	868	834	809	796	931	692	690	691	667	728	648	621	615	610	635	640	612	605	631	621	634	679	698	705	705	702	668	694	26542

TETON RIVER CANALS

SIDDOWAY	16	13	13	13	14	14	14	13	13	13	14	15	15	16	16	15	14	12	12	0	12	12	13	14	14	13	13	14	14	14	14	411
WILFORD	96	91	80	79	80	81	83	146	146	145	128	111	110	67	84	101	94	88	86	85	84	64	64	63	81	99	98	96	75	54	54	2803
TETON IRRIGATION	114	96	88	89	90	71	68	65	63	61	62	63	71	79	75	69	70	69	71	78	79	79	85	92	89	12	110	113	70	95	92	2410
GOOD LUCK	14	11	11	11	11	11	12	12	12	12	12	12	12	11	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	10	10	359
PIONEER	13	13	13	13	13	13	13	14	14	14	14	18	18	13	13	14	13	12	12	12	12	11	11	12	12	12	12	12	11	11	11	401
STEWART	13	13	13	13	12	12	14	13	13	14	12	11	13	13	13	14	12	11	12	12	12	12	12	12	12	12	12	12	11	10	10	377
PINCOCK-AYLINGTON	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	16	14	14	14	14	14	8	8	8	8	8	8	8	8	8	8	340
PINCOCK-GARNER	12	11	10	9	9	9	8	8	8	8	8	8	8	8	8	10	10	12	12	12	11	10	10	10	10	10	10	8	8	8	8	302
TETON ISLAND FEEDER	230	242	256	251	249	235	211	197	233	188	216	245	242	239	236	211	235	237	260	281	232	183	186	188	205	222	200	178	158	133	137	7341
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	13	14	13	12	12	12	30	31	14	13	13	7	7	7	7	7	7	6	6	6	6	5	6	7	6	5	6	7	8	9	9	321
ISLAND WARD	0	0	0	0	0	18	29	29	19	9	8	6	6	6	6	6	6	4	3	0	0	0	0	0	0	0	0	0	0	0	0	144
WOODMANSEE-JOHNSON	30	6	0	16	12	7	14	21	21	23	23	23	8	4	4	21	15	10	10	3	3	3	3	3	3	22	27	23	16	11	11	400
CITY OF REXBURG	28	26	20	22	25	25	26	25	25	24	24	24	24	24	23	23	20	26	26	25	24	24	24	20	18	19	20	22	25	25	25	611
REXBURG IRRIGATION	143	145	154	146	143	131	148	145	130	124	124	122	122	92	143	149	144	129	130	112	110	107	110	110	110	151	110	111	111	111	110	4183
ERGORMICK-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
SAULT-SOMERS	20	21	23	21	25	15	15	15	18	20	20	19	16	15	13	13	35	35	19	21	14	15	15	15	14	14	14	15	14	14	14	489
TOTAL	1155	1070	1082	1060	1033	1018	1077	1154	1048	1020	1021	1000	1000	879	1020	1020	1021	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	34810

DAILY DISCHARGE IN SEC.-FT OF HENRYS FORK CANALS FOR AUGUST 1937

PLATE NO. 13

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	70	69	68	68	68	76	76	76	0	0	0	0	0	0	0	0	75	76	75	65	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ABOVE SQUIRREL	70	69	68	68	68	76	76	76	0	0	0	0	0	0	0	0	75	76	75	65	0	0	0	0	0	0	0	0	0	0	0	862
FARMERS OWN	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	26	26	26	0	0	0	0	0	0	0	256
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	117	115	113	131	115	89	78	96	135	137	137	136	135	146	143	147	148	147	150	150	149	149	150	150	150	153	156	158	161	164	4227
BELL	5	3	2	1	1	1	1	1	4	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
FALL RIVER	308	303	299	295	306	303	301	303	333	317	316	53	53	39	25	25	43	177	185	177	177	165	167	167	167	167	167	189	189	189	169	6074
McBEE	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	57
CHESTER	6	6	4	3	3	6	6	6	9	8	7	6	10	10	15	15	15	10	9	9	9	9	9	8	3	3	3	3	3	3	3	216
SILKEY	0	0	0	0	0	13	18	21	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	9	3	3	3	3	106
CURB	30	30	30	29	29	29	30	34	43	40	30	30	30	30	30	30	30	28	28	28	28	28	28	28	28	27	27	27	27	28	27	921
TOTAL SQUIRREL-CHESTER	511	499	490	481	472	469	447	445	510	504	495	228	231	215	217	214	236	364	371	392	392	379	381	352	354	355	361	380	382	386	368	11881

HENRYS FORK CANALS

DEWEY	10	9	10	11	11	11	0	0	0	0	0	0	0	0	0	0	4	5	4	0	0	0	0	4	7	7	4	5	5	5	5	117
LAST CHANCE	36	31	40	49	45	44	7	12	8	7	8	10	14	13	10	11	11	11	9	8	11	11	7	14	9	4	2	2	2	7	0	453
ST. ANTHONY UNION	436	415	414	412	410	410	408	408	406	404	402	438	444	444	440	434	417	410	402	395	389	370	367	352	352	350	353	353	355	355	349	12294
FARMERS FRIEND	0	0	0	0	0	0	0	0	0	0	0	12	18	16	17	17	17	0	0	0	0	0	0	0	0	9	9	9	11	11	0	146
TWIN GROVES	79	80	80	76	76	75	75	73	73	76	75	52	55	25	22	23	24	25	25	27	28	29	30	31	21	21	20	21	20	21	20	1388
SALEM UNION	140	120	124	128	128	128	128	128	133	128	131	124	88	90	90	90	93	91	93	96	95	96	98	99	100	97	83	83	83	83	83	3271
TOTAL ASHTON-ST. ANTHONY	701	655	668	676	670	668	618	621	620	615	616	636	619	588	579	575	566	542	533	526	523	506	502	500	499	488	471	473	476	482	457	17669
EGIN	281	258	286	313	290	319	320	277	275	290	284	251	254	254	246	249	230	230	231	236	241	242	234	239	229	234	237	237	237	237	230	7973
ST. ANTHONY UNION FEEDER	52	48	50	51	47	52	34	39	39	47	34	53	72	76	83	69	80	58	70	73	80	84	80	79	76	75	75	76	75	74	74	1485
INDEPENDENT	156	154	156	158	152	147	137	137	135	151	154	172	172	167	172	167	185	165	154	137	144	140	142	118	115	115	112	115	115	112	115	4471
CONSOLIDATED FARMERS	176	174	140	183	165	170	170	168	131	150	125	129	150	149	147	149	148	110	101	101	101	101	101	101	63	63	101	101	101	101	101	3971
TOTAL ST. ANTHONY - REXBURG	665	634	632	705	654	680	664	621	580	638	602	605	648	646	648	634	643	563	557	547	567	567	557	537	483	487	525	529	528	524	520	18400

TETON RIVER CANALS

SIDDOWAY	14	14	13	14	14	13	13	13	16	15	15	14	12	12	0	0	0	0	11	15	17	17	15	13	13	0	0	0	0	0	0	299
WILFORD	75	68	60	61	61	58	58	66	73	71	73	62	61	59	41	41	41	40	40	53	53	44	44	44	43	43	43	16	16	24	26	1558
TETON IRRIGATION	73	85	98	88	85	86	81	84	79	77	81	86	82	74	65	60	62	60	63	63	61	62	60	59	57	56	24	32	44	39	43	2069
GOOD LUCK	8	8	7	8	6	5	5	4	12	10	10	10	10	10	6	6	6	6	6	6	5	5	4	4	4	4	4	2	4	4	4	193
PIONEER	11	10	9	9	9	9	10	10	11	10	10	8	8	8	8	9	8	9	10	10	10	9	9	9	9	7	8	9	8	8	9	281
STEWART	12	11	10	10	10	10	10	11	10	11	11	11	11	10	11	11	11	11	11	11	11	11	11	11	11	10	9	8	11	11	11	329
PINCOCK-BYINGTON	8	8	7	7	7	7	7	6	7	7	6	6	7	6	6	6	6	6	6	8	7	7	7	7	7	7	7	7	7	7	7	211
PINCOCK-GARNER	8	7	6	7	6	6	6	7	9	9	9	8	8	9	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	9	9	242
TETON ISLAND FEEDER	188	170	153	142	142	128	137	135	144	160	153	146	96	68	81	89	85	85	81	127	135	144	144	155	148	135	96	119	121	111	113	3921
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	9	9	9	9	7	14	12	11	11	10	9	10	11	9	7	7	7	7	7	6	7	7	5	6	6	5	4	4	3	4	3	235
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	2	2	2	2	2	2	2	2	4	14	17	2	2	2	2	2	2	2	2	21	18	16	18	18	18	2	2	2	2	2	2	188
CITY OF REXBURG	27	29	27	26	24	21	24	29	25	20	21	21	22	22	21	20	25	23	22	25	24	24	23	25	28	28	28	27	21	29	28	759
REXBURG IRRIGATION	142	140	138	142	138	125	157	126	143	110	119	124	115	115	125	137	131	135	132	134	138	137	134	125	129	125	157	145	149	142	140	4249
MC CORMICK-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
SAURY-SOMMERS	12	12	12	11	9	9	12	11	10	10	9	12	13	13	13	14	14	13	11	6	6	8	9	11	10	9	8	8	10	8	7	320
TOTAL	639	623	553	536	510	493	524	515	554	534	543	530	458	417	394	410	406	405	410	493	500	494	491	497	492	434	398	387	404	398	402	14834

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR SEPT 1937

PLATE NO. 15

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS OWN	0	0	0	0	0	0	0	0	0	16	16	16	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	426
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	163	165	165	165	165	165	165	164	163	162	120	120	121	121	122	122	124	126	128	130	130	130	130	130	144	154	154	156	158	158	4320
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER	169	28	28	117	117	117	115	113	62	62	62	62	73	85	99	113	20	20	20	20	20	20	20	20	20	20	20	98	98	98	1858
McBEE	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	0	1	1	1	1	20
CHESTER	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	85
SILKEY	3	3	4	4	4	3	3	2	2	3	3	3	3	2	2	2	2	2	2	7	7	7	2	2	2	2	2	1	1	1	86
CURA	27	27	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	15	15	15	15	15	15	15	15	694
TOTAL SQUIRREL-CHESTER	367	228	228	317	317	316	314	309	237	272	230	230	247	258	273	287	196	198	200	207	207	207	190	190	204	214	215	217	297	297	7489

HENRYS FORK CANALS

DEWEY	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	17	17	17	17	141
LAST CHANCE	0	0	10	10	10	0	0	0	0	2	2	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	84
ST ANTHONY UNION	353	348	343	342	341	340	340	340	340	340	340	340	323	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	9632
FARMERS FRIEND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	13	13	13	13	8	8	8	8	125
TWIN GROVES	19	18	18	10	10	11	13	12	12	12	12	11	10	10	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	311
SALEM UNION	86	35	16	14	13	12	12	12	11	10	10	10	11	11	11	39	39	39	39	39	39	39	39	39	39	39	32	32	35	35	837
TOTAL ASHTON-ST ANTHONY	463	406	392	381	379	368	370	369	363	364	364	367	350	333	328	359	359	359	359	371	371	371	371	371	371	371	373	373	376	376	11128
EGIN	215	215	215	214	213	212	221	230	223	213	216	220	220	175	175	175	177	180	184	188	184	175	175	175	175	175	134	134	134	134	5673
ST ANTHONY UNION FEEDER	76	76	76	74	72	70	72	74	74	75	74	72	69	66	65	64	65	66	66	67	68	69	68	68	67	66	64	64	42	42	2031
INDEPENDENT	115	118	121	123	125	127	118	109	112	114	113	112	114	115	109	103	103	103	103	103	100	98	98	98	98	98	65	65	65	65	3110
CONSOLIDATED FARMERS	0	0	0	0	0	40	46	73	73	73	73	73	73	73	73	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1120
TOTAL ST ANTHONY-REXBURG	406	409	412	411	410	449	457	486	481	475	476	471	476	429	421	372	375	379	383	380	380	372	371	371	370	369	293	293	271	271	11934

TETON RIVER CANALS

SIDDOWAY	0	0	0	23	23	23	18	18	18	18	0	0	0	0	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	332
WILFORD	31	36	40	43	44	43	43	45	47	36	26	26	27	27	28	35	35	35	35	35	34	33	33	32	32	32	32	32	32	32	1041
TETON IRRIGATION	42	42	44	45	44	43	38	39	40	34	38	38	37	32	26	27	28	28	28	29	29	29	44	44	44	10	20	20	20	20	1022
GOOD LUCK	4	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	3	3	3	3	143
PIONEER	9	9	10	10	9	9	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	118
STEWART	11	10	10	11	11	12	12	13	13	12	11	11	10	10	9	9	9	9	9	9	10	10	10	11	10	10	9	9	9	9	308
PINCOCK-BYINGTON	7	8	8	7	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	8	9	9	9	9	9	9	233
PINCOCK-GARNER	7	8	8	8	9	8	8	8	8	8	8	8	8	8	8	7	7	7	7	8	8	8	8	8	8	7	7	7	7	7	233
TETON ISLAND FEEDER	110	107	106	104	158	159	160	158	155	154	153	130	133	121	119	115	111	110	109	109	108	108	107	107	112	117	123	123	131	135	3746
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	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50
ELAND 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	3	3	2	8	8	8	8	8	8	8	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	102
CITY OF REXBURG	34	34	30	34	31	30	29	29	29	28	27	30	30	30	28	28	28	28	26	26	25	24	25	17	16	19	18	18	18	18	705
REXBURG IRRIGATION	153	153	118	115	159	158	159	157	158	130	98	105	113	110	108	110	110	111	111	112	113	113	114	110	123	116	98	96	94	92	3423
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
SHARP-SOMMERS	4	5	4	3	3	3	3	3	4	4	4	4	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	104
TOTAL	345	351	338	424	455	453	442	456	453	396	384	375	375	340	335	350	350	350	350	355	347	341	347	340	355	335	327	326	335	339	10549

DATE	HENRYS LAKE	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	DATE	HENRYS FORK NR. ISLAND PARK			STORED LOSS ISLAND PARK TO WARM RIVER
	Cont. Ac. Ft	STOR	NORM	TOTAL			STOR	NORM	TOTAL	
JUNE 29	30550	0	10	10	0	JUN. 30	0	419	419	0
30	30550	38	10	48	2	JUL. 1	36	412	448	1
JUL. 1	30476	82	10	92	3	2	79	410	489	3
2	30333	79	10	89	3	3	76	417	493	2
3	30176	87	10	97	3	4	84	413	497	2
4	30004	258	9	267	10	5	248	332	580	5
5	29493	342	9	351	14	6	328	386	714	7
6	28815	340	9	349	14	7	326	435	761	7
7	28140	336	9	345	13	8	323	438	761	6
8	27474	334	9	343	13	9	321	435	756	6
9	26812	275	8	283	11	10	264	481	745	5
10	26267	96	8	104	4	11	92	497	589	2
11	26077	68	8	76	3	12	65	459	524	1
12	25942	68	8	76	3	13	65	432	497	1
13	25787	68	8	76	3	14	65	417	482	1
14	25632	67	8	75	3	15	64	421	485	1
15	25479	66	8	74	3	16	63	453	516	1
16	25328	66	8	74	3	17	63	422	485	1
17	25177	62	8	70	2	18	60	414	474	1
18	25024	60	8	68	2	19	58	405	463	1
19	24885	60	8	68	2	20	58	412	470	1
20	24746	100	8	108	4	21	96	405	501	2
21	24538	212	7	219	8	22	204	345	549	4
22	24098	254	7	261	10	23	244	416	660	5
23	23595	292	7	299	12	24	280	404	684	6
24	22977	321	7	328	13	25	308	386	694	6
25	22322	317	7	324	13	26	306	429	735	6
26	21680	319	7	326	13	27	306	450	756	6
27	21032	319	7	326	13	28	306	429	735	6
28	20394	312	7	319	13	29	299	410	709	6
29	19769	305	7	312	12	30	293	396	689	6
30	19158	298	7	305	12	31	286	423	709	6
31	18545	299	7	306	12	AUG. 1	287	417	704	6
AUG 1	17932	294	7	301	12	2	282	453	735	6
2	17330	289	7	296	12	3	277	427	704	6
3	16790	285	7	292	11	4	274	410	684	5
4	16160	277	6	283	11	5	266	413	679	5
5	15590	210	6	216	8	6	202	429	631	4
6	15140	197	6	203	8	7	189	423	612	4
7	14750	196	6	202	8	8	188	370	558	4
8	14340	196	6	202	8	9	188	410	598	4
9	13930	192	6	198	8	10	184	400	584	4
10	13530	192	6	198	8	11	184	387	571	4
11	13130	190	6	196	8	12	182	394	576	4
12	12740	185	6	191	7	13	178	367	545	4
13	12360	196	6	202	8	14	188	353	541	4
14	11950	200	6	206	8	15	192	366	558	4
15	11540	197	6	203	8	16	189	356	545	4

DATE	HENRYS FORK AT WARM RIVER			STORED LOSS WARM RIVER TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			DIVERSIONS ASHTON TO ST. ANTHONY	
	STOR.	NORM	TOTAL			STOR.	NORM	TOTAL	STOR.	NORM
JUL. 1	0	806	806	0	JUL. 2	0	1110	1110	0	815
2	35	814	849	0	3	35	1085	1120	53	793
3	77	797	874	0	4	77	1053	1130	54	776
4	74	800	874	0	5	79	1084	1140	135	742
5	82	823	905	1	6	81	1299	1380	140	710
6	243	817	1060	1	7	242	1178	1420	143	644
7	321	779	1100	2	8	319	1081	1400	141	620
8	319	791	1110	2	9	317	1103	1420	139	493
9	317	803	1120	2	10	315	1105	1420	138	489
10	315	805	1120	2	11	313	1057	1370	97	520
11	259	791	1050	1	12	258	962	1220	48	547
12	90	828	918	1	13	89	1091	1180	54	579
13	64	822	886	0	14	64	1096	1160	54	577
14	64	797	861	0	15	64	1096	1160	53	575
15	64	797	861	1	16	63	1097	1160	53	579
16	63	798	861	0	17	63	1087	1150	54	624
17	62	812	874	0	18	62	1048	1110	52	640
18	62	781	843	1	19	61	1029	1090	50	653
19	59	778	837	0	20	59	1071	1130	54	706
20	57	780	837	0	21	57	1173	1230	442	379
21	57	804	861	0	22	57	1223	1280	431	396
22	94	811	905	1	23	93	1127	1220	453	367
23	200	744	944	1	24	199	1061	1260	454	369
24	239	811	1050	1	25	238	1072	1310	450	370
25	274	776	1050	1	26	273	1047	1320	457	372
26	302	748	1050	2	27	300	1080	1380	471	374
27	300	800	1100	2	28	298	1082	1380	473	360
28	300	780	1080	2	29	298	1082	1380	504	313
29	300	780	1080	2	30	298	1072	1370	541	274
30	293	767	1060	1	31	292	1058	1350	471	283
31	287	753	1040	1	AUG. 1	286	914	1200	454	247
AUG. 1	280	830	1110	1	2	279	911	1190	424	231
2	281	789	1070	2	3	279	1091	1370	434	234
3	274	804	1080	1	4	275	1065	1340	441	235
4	271	789	1060	1	5	270	1040	1310	417	253
5	269	771	1040	1	6	268	1052	1320	803	266
6	261	759	1020	2	7	259	991	1250	394	224
7	198	778	976	1	8	197	1023	1220	396	225
8	185	772	957	1	9	184	996	1180	342	278
9	184	740	924	1	10	183	1047	1230	327	238
10	184	773	957	1	11	183	1017	1200	373	243
11	180	764	944	1	12	179	1111	1290	395	241
12	180	744	924	1	13	179	1101	1280	375	244
13	178	746	924	1	14	177	1083	1260	328	240
14	174	725	899	1	15	173	1077	1250	327	252
15	184	715	899	1	16	183	1067	1250	404	171
16	188	724	912	1	17	187	1043	1230	430	136
17	185	765	950	1	18	184	1046	1230	546	-4

HENRYS FORK - DAILY SEGREGATION OF FLOW - 1937

24 HOUR SECOND FEET EXCEPT AS NOTED

SHTON THONY	HENRYS FORK AT ST. ANTHONY			DIVERSIONS BELOW ST. ANTHONY			STORED BALANCE BELOW DIVERSIONS
TOTAL	STOR.	NORM	TOTAL	STOR.	NORM	TOTAL	
813	0	722	722	0	447	447	
846	-18	624	608	0	574	574	-18
829	23	577	600	0	668	668	23
827	-41	631	590	0	624	624	-41
850	-59	883	824	50	559	609	-109
761	128	872	1000	197	549	746	-98
732	178	842	1020	180	551	731	-2
627	177	873	1050	163	529	692	15
617	216	784	1000	0	691	691	17
595	210	614	824	0	667	667	216
633	35	707	742	0	728	728	210
631	10	684	694	0	648	648	35
628	11	711	722	0	621	621	10
627	10	684	694	0	615	615	11
678	9	704	713	0	610	610	10
692	10	649	659	0	635	635	9
709	11	631	642	0	660	660	10
760	5	572	577	135	477	612	11
841	-385	920	585	84	521	605	-130
827	-374	1008	634	98	533	631	-469
822	-360	937	577	197	424	621	-472
823	-255	855	600	189	450	639	-557
820	-212	888	676	70	609	679	-444
829	-184	843	659	79	615	694	-282
845	-171	813	642	82	623	705	-263
833	-135	825	650	170	535	705	-253
817	-206	856	650	312	390	702	-345
815	-243	910	667	323	375	698	-518
754	-179	855	676	335	359	694	-566
701	-168	835	667	252	414	666	-514
655	-145	779	634	248	386	634	-420
668	-155	849	694	216	416	632	-393
676	-166	869	703	261	444	705	-371
670	-147	831	684	237	417	654	-427
648	-134	801	667	317	371	688	-384
618	-135	777	642	307	359	666	-461
621	-199	824	625	329	292	621	-442
620	-158	750	592	286	294	580	-488
615	-194	836	642	342	296	638	-526
616	-190	832	642	304	298	602	-494
636	-216	919	703	343	262	605	-559
619	-196	1111	915	392	256	648	-588
588	-151	1103	952	370	256	626	-541
579	-154	1189	965	388	260	648	-542
575	-221	1111	890	368	266	634	-589
566	-243	1122	879	357	286	643	-600
542	-362	1186	824	275	288	563	-437

DATE	HENRYS LAKE	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	DATE	HENRYS FORK NR. ISLAND PARK			STORED LOSS ISLAND PARK TO WARM RIVER	DATE	HENRYS FO AT WARM RIVER		
	Cont. Ac.Ft.	STOR.	NORM	TOTAL			STOR.	NORM	TOTAL			STOR.	NORM	TO
AUG. 16	11130	253	6	259	10	AUG 16&17	243	369	612	5	AUG. 16	238	738	
17	10610	328	6	334	13	18	315	311	626	6	17	307	681	
18	9950	315	6	321	13	19	302	348	650	6	18	296	714	
19	9300	291	6	297	12	20	279	415	694	6	19	273	743	
20	8690	286	6	292	11	21	235	409	644	6	20	249	751	
21	8100	295	6	301	12	22	283	387	670	6	21	277	733	
22	7490	275	6	281	11	23	264	386	650	5	22	259	734	
23	6920	202	6	208	8	24	194	413	607	4	23	190	748	
24	6490	194	6	200	8	25	186	394	580	4	24	182	736	
25	6080	176	6	182	7	26	169	377	546	3	25	166	739	
26	5700	157	6	163	6	27	151	394	545	3	26	148	751	
27	5360	139	6	145	6	28	133	395	528	3	27	130	750	
28	5070	124	5	129	5	29	119	393	512	2	28	117	757	
29	4800	108	5	113	4	30	104	404	508	2	29	102	759	
30	4560	93	5	98	4	31	89	389	478	2	SEP. 1	87	756	
31	4250	84	5	89	3	SEP. 1	81	375	456	2	2	79	745	
SEP. 1	4040	81	5	86	3	2	78	374	452	2	3	76	736	
2	3890	82	5	87	3	3	79	365	444	2	4	77	754	
3	3710	51	5	56	2	4	49	343	392	1	5	48	740	
4	3590	4	5	9	0	5	4	397	401	0	6	4	743	
5	3580	4	5	9	0	6	4	390	394	0	7	4	737	
6	3570	4	5	9	0	7	4	386	390	0	8	4	743	
7	3560	4	5	9	0	8	4	347	351	0	9	4	737	
8	3550	3	5	8	0	9	3	345	348	0	10	3	732	
9	3540	2	5	7	0	10	2	385	387	0	11	2	733	
10	3530	0	5	5	0	11	0	383	383	0	12	0	725	
11	3530	0	5	5	0	12	0	382	382	0	13	0	729	
12	3530	0	5	5	0	13	0	387	387	0	14	0	735	
13	3530	0	5	5	0	14	0	376	376	0	15	0	724	
14	3530	38	5	43	2	15	34	347	381	1	16	35	718	
15	3450	85	5	90	3	16	82	330	412	2	17	80	694	
16	3270	80	5	85	3	17	77	342	419	2	18	75	701	
17	3100	75	5	80	3	18	72	347	419	1	19	71	711	
18	2940	69	5	74	3	19	66	353	419	1	20	65	729	
19	2790	64	5	69	3	20	61	369	430	1	21	60	749	
20	2660	59	5	64	2	21	57	376	433	1	22	56	754	
21	2540	54	5	59	2	22	52	378	430	1	23	51	758	
22	2430	49	5	54	2	23	47	405	452	1	24	46	771	
23	2330	48	5	53	2	24	46	398	444	1	25	45	767	
24	2230	46	5	51	2	25	44	382	426	1	26	43	744	
25	2130	45	5	50	2	26	43	372	415	1	27	42	734	
26	2040	43	5	48	2	27	41	371	412	1	28	40	730	
27	1950	41	5	46	2	28	39	366	405	1	29	38	726	
28	1860					29					30			
29	1780					30								
30	1700													
TOTALS		13849			556		13293			331		13022		

PLATE NO. 21

ASHTON TMON TOTAL	WARM RIVER	STORED LOSS ISLAND PARK TO WARM RIVER	DATE	HENRYS FORK AT WARM RIVER STOR.	NORM	TOTAL	STORED LOSS WARM RIVER TO ASHTON	DATE	HENRYS FORK NEAR ASHTON STOR	NORM	TOTAL	DIVERSIONS ASHTON TO ST. ANTHONY STOR.	NORM	TOTAL	HENRYS FORK AT ST. ANTHONY STOR.	NORM	TOTAL	DIVERSIONS BELOW ST. ANTHONY STOR.	NORM	TOTAL	STORED BALANCE BELOW DIVERSIONS
8[illegible]12		5	AUG. 18	238	238	476	1	AUG. 19	237	793	1230	543	-10	533	-306	1076	770	245	302	547	-541
84 26		4	19	309	681	990	2	20	307	943	1250	495	31	526	-188	979	791	238	309	547	-426
82 50		4	20	296	714	1010	1	21	295	995	1290	500	23	523	-205	1084	879	245	302	547	-450
81 94		4	21	273	767	1040	1	22	272	1018	1290	489	17	506	-217	1094	879	241	326	567	-458
85 84		4	22	269	751	1020	1	23	268	1012	1280	489	13	502	-221	1089	868	243	314	557	-464
78 70		4	23	277	733	1010	2	24	275	965	1230	473	27	500	-198	1064	868	165	372	537	-367
74 50		5	24	259	724	983	1	25	268	902	1190	468	31	499	-210	1045	835	127	356	483	-337
63 07		4	25	190	748	938	1	26	189	971	1160	448	40	488	-259	1083	824	127	340	487	-386
62 80		4	26	182	736	918	1	27	181	949	1130	445	26	471	-264	1077	813	165	360	525	-429
61 46		3	27	146	739	885	1	28	145	965	1120	469	4	473	-304	1104	802	165	264	529	-469
59 45		3	28	148	751	899	1	29	147	983	1130	472	4	476	-325	1116	791	165	263	528	-490
63 28		3	29	130	750	880	1	30	129	991	1120	481	1	482	-352	1132	770	165	359	524	-517
63 12		2	30	117	757	874	0	31	117	993	1110	445	12	457	-328	1108	780	165	355	520	-492
62 08		2	31	102	759	861	0	SEP. 1	103	928	1080	429	34	463	-327	1107	780	74	330	404	-403
62 78		2	SEP. 1	87	756	843	1	2	86	984	1070	237	169	406	-151	997	846	59	350	409	-210
47 56		2	2	79	745	824	0	3	79	961	1040	229	163	392	-150	1065	915	44	346	412	-216
49 52		2	3	74	736	812	0	4	74	1004	1080	316	65	381	-240	1148	928	44	345	411	-306
70 44		2	4	77	754	831	1	5	74	974	1050	303	76	379	-227	1147	940	44	344	410	-293
74 12		1	5	48	740	788	0	6	48	927	975	298	70	368	-250	1140	890	106	343	449	-356
84 01		0	6	4	743	747	0	7	4	921	975	294	76	370	-292	1138	846	119	338	457	-411
82 94		0	7	4	737	741	0	8	4	958	962	291	78	369	-287	1100	813	106	340	486	-433
82 90		0	8	4	743	747	0	9	4	945	949	238	25	363	-234	1091	857	146	335	481	-380
82 51		0	9	4	737	741	0	10	4	945	949	252	112	364	-248	1105	857	134	341	475	-382
82 48		0	10	3	732	735	0	11	3	959	962	210	154	364	-207	1053	846	134	342	476	-341
82 87		0	11	2	733	735	0	12	2	934	936	210	157	367	-208	1054	846	126	351	477	-334
84 83		0	12	0	735	735	0	13	0	949	949	228	122	350	-228	1074	846	126	360	486	-344
83 83		0	13	0	729	729	0	14	0	936	936	239	94	333	-239	1085	846	73	356	429	-312
81 87		0	14	0	735	735	0	15	0	949	949	169	159	328	-169	1015	846	119	307	426	-288
81 76		0	15	0	724	724	0	16	0	949	949	183	176	359	-183	1018	835	56	316	372	-239
75 83		1	16	35	718	753	0	17	35	953	988	185	174	359	-150	985	835	56	319	375	-206
70 12		2	17	80	696	776	0	18	80	920	1000	183	176	359	-163	971	848	56	323	379	-159
65 19		2	18	75	701	776	1	19	74	926	1000	168	189	359	-99	1022	928	56	327	383	-150
66 19		1	19	71	711	782	0	20	71	917	988	190	181	371	-119	1047	928	56	322	388	-175
67 19		1	20	65	729	794	0	21	65	945	1010	185	186	371	-120	1110	990	0	380	380	-120
67 30		1	21	60	764	824	1	22	59	941	1000	182	189	371	-123	1143	1020	0	372	372	-123
66 33		1	22	56	744	800	0	23	56	954	1010	161	210	371	-105	1105	1000	0	371	371	-105
61 30		1	23	51	798	849	0	24	51	959	1010	143	228	371	-92	1178	1080	0	371	371	-92
62 52		1	24	46	791	837	0	25	46	954	1000	157	214	371	-111	1101	990	0	370	370	-111
62 44		1	25	45	761	806	0	26	45	955	1000	147	224	371	-122	1089	965	0	369	369	-122
61 24		1	26	43	745	788	0	27	43	932	975	163	210	373	-120	1046	940	0	293	293	-120
61 05		1	27	42	734	776	0	28	42	946	988	165	208	373	-123	1051	928	0	293	293	-123
62 12		1	28	40	730	770	0	29	40	948	988	147	209	376	-127	995	868	0	271	271	-127
61 05		1	29	38	726	764	0	30	38	922	975			376	38	830	868	0	271	271	38
58[illegible]			30																		
57[illegible]																					
57[illegible]																					
56[illegible]																					
54[illegible]		271		13022			65		12957			26429			-13522			18734			-26256

DAILY STORAGE DELIVERIES FROM JACKSON LAKE AND HENRYS LAKE

24 HOUR SECOND FEET EQUIVALENTS

	TOTAL JACKSON LAKE DIVER. ON HENRYS FORK & TRIBS	SALEM UNION CANAL JT.	SALEM UNION CANAL HT.	TOTAL ABOVE ST. ANTHONY JT.	TOTAL ABOVE ST. ANTHONY HT.	EGIN CANAL HT.	INDEPENDENT CANAL JT.	INDEPENDENT CANAL HT.	CONSOLIDATED FARMERS CANAL JT.	CONSOLIDATED FARMERS CANAL HT.	TOTAL BELOW ST. ANTHONY JT.	TOTAL BELOW ST. ANTHONY HT.	HENRYS LAKE USERS JT.	PALMER SPR. USERS JT.	MARYSVILLE CANAL JT.	FARMERS OWN CANAL JT.	CONANT CREEK JT.	ENTERPRISE IRR. DIST. JT.	TETON RIX USERS JT.	FALL RIV. CANAL JT.	McBEE CANAL JT.	CHESTER AND SILKEY CAN. JT.	DEWEY AND LAST CHANCE CANALS JT.	CHESTER AND SILKEY CAN. HT.	FARMERS FRIEND CAN. JT.	TWIN GROVES CANAL JT.
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Diverted by Reservoir

HENRYS FORK CANALS

PLATE NO. 22

1937

DATE	HENRYS LAKE USERS	BUCK SPR. USERS	MARYSVILLE CANAL	FARMERS BRO. CANAL	CONSOL. CREEK	ENTERPRISE IRR. DIST.	TETON RIV. USERS	FALL RIV. CANAL	McGEE CANAL	CHESTER BRO.	SMITH CAN.	DEWEY AND EAST CHANNEL CANALS	FARMERS FRIEND CAN.	TWIN GROVES CANAL	SALEM UNION CANAL	TOTAL ABOVE ST. ANTHONY	EGIN CANAL								
29						156		187	2	2	5	2	11	21	83	461	2			44		101		165	470
30						158		189	2	2	5	2	11	20	83	470	2			44		101		165	470
31						161		189	2	2	5	2	11	21	83	474	7			64		101		165	474
SEP 1						164		169	2	2	5	0		20	83	445				64	68	33	68	97	512
2						163		169	2	2	5			2	86	429									505
3						165		28	2	2	5				35	237			76				76		296
4						165		28	2	3	15				16	229			59				59		295
5							165	117	2	3	15				14	316			66				66		382
6							165	117	2	3	3				13	303			66				66		369
7							165	117	2	2					12	298			66				66		404
8							165	115	2	2					12	296			66	40		106			415
9							164	113	1	1					12	291			73	46		119			427
10				0			163	42	1	1					11	238			73	73		146			384
11				16		142		42	0	2					10	252			73	73		146			386
12				14		120		42		2					10	210			61	73		134			344
13				16		120		42		2					10	210			61	73		134			336
14				21		121		73		2					11	220			53	73		126			346
15				21		121		85		1					11	239			43	73		116			314
16				21		122		14		1					11	239				73		73			312
17				21		122		0		1					11	169			57	42		42	57		211
18				21		124				1					39	183			56				56		183
19				17		126				1					39	185			56				56		185
20				0		128				1					39	183			56				56		183
21						130				8		13			39	168			56				56		168
22						136				3		13			39	190			56				56		190
23						130						13			39	185									185
24						130						13			39	182									182
25						130						13			18	161									161
26						144						13				143									143
27						154				0		13				157									157
28						154				1		8				167									167
29						156				1		8				163									163
30						158				1		8				165									165
																167									167
TOTAL SEPT.	7	10	933	504	234	6749	3184	3914	80	243	226	1984	397	2300	3677	3137	21358	5121	434	2198	4797	2692	2486	4890	7849	24248
TOTAL APR. 1	14	20	859	1080	444	13387	6315	7762	159	481	449	3934	787	4563	6163	4222	42363	10140	825	4359	9519	5339	5168	9698	15547	52061
USE GRANTED	15	22	927	1078	500	14934	6810	8369	172	519	484	4203	849	4920	6581	4497	45580	10850	934	4700	10169	5757	5228	10457	16419	57155
USE MEASURED	⑮ 15	⑯ 22	⑰ 927	⑱ 1078	⑲ 500	⑳ 14934	㉑ 6810	㉒ 8369	㉓ 172	㉔ 519	㉕ 484	4203	849	㉖ 4920	㉗ 6581	4497	45580	㉘ 10850	㉙ 934	㉚ 4700	10169	㉛ 5757	5228	10457	16419	57155

NOTES

① 4290 from Fremont Madison Dist.; less 1190 to Salem Union, 122 to Consol. Farmers, and 2000 to Fall River Canal.
② 1814 from F.M. Dist.; and 124 from Pool, less 842 to Twin Groves.
③ From F.M. Dist.
④ Am. Falls Right 25104 less 382 to Consol. Farmers, 4940 to Fall River Canal, 2330 to Salem Union, 2980 to Teton River users.
⑤ 2600 from F.M. Dist., 2000 from Enterprise, and 2210 from Pool.
⑥ Rented from Pool.
⑦ 1152 from F.M. Dist., 2000 from Marysville, 4940 from Enterprise, 237 from Pool.
⑧ 500 from F.M. Dist., 19 from Pool.
⑨ 475 from F.M. Dist., 9 from Pool.
⑩ 1630 from F.M. Dist., 121 from Pool, less 982 to Twin Groves.
⑪ 1080 from F.M. Dist., 2156 from Pool, 842 from Farmers Own, 982 from Farmers Friend.
⑫ 1500 from F.M. Dist., 1561 from Pool, 1190 from Marysville, 2330 from Enterprise.
⑬ 1868 Right, less 934 to Independent.
⑭ 2500 from F.M. Dist., 2200 from Pool.
⑮ 7362 right, plus 1868 from St. Anthony Union & 934 from Egin.
⑯ 1800 from F.M. Dist., 2000 from Reid, 1402 from Pool, 173 from Marysville, 382 from Enterprise.

Daily discharge, in second-feet, of JACKSON LAKE NEAR MORAN, WYO. for the year ending September 30, 1928

Plate No. 23

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	361,320	376,950	388,470	408,550	431,500	457,370	477,510	504,240	756,150	649,280	610,260	341,220
2	361,980	377,400	388,690	409,220	432,400	458,060	478,890	505,400	742,820	647,480	601,660	334,080
3	362,630	377,840	389,130	409,670	433,080	458,740	480,030	506,550	750,770	645,190	592,170	326,690
4	363,290	378,280	389,360	410,340	433,530	459,420	480,720	507,940	758,740	640,350	582,920	320,470
5	363,950	378,720	389,800	411,240	435,110	459,870	481,640	510,040	767,700	634,250	576,040	314,240
6	364,610	379,170	390,460	411,680	436,690	460,550	482,320	512,130	775,200	628,140	571,100	308,020
7	365,270	379,610	391,570	412,130	438,040	461,010	483,010	515,850	780,210	624,320	565,910	302,050
8	365,710	380,050	392,680	412,800	439,180	461,700	483,470	518,630	786,230	619,500	559,550	296,540
9	366,140	380,500	393,790	413,250	439,860	462,160	484,160	525,370	793,000	615,720	548,980	293,360
10	366,580	380,940	394,240	413,690	440,320	462,650	484,850	531,190	800,050	613,190	537,280	290,180
11	367,020	381,380	394,690	414,140	441,230	463,300	485,550	537,040	807,650	611,670	526,070	287,840
12	367,460	381,600	395,140	414,590	442,140	463,990	486,240	541,720	811,930	807,380	514,220	285,780
13	367,900	382,270	395,580	415,040	443,040	464,450	486,930	546,640	820,010	800,310	502,860	286,150
14	368,340	382,710	396,030	415,260	444,640	465,140	487,680	551,320	824,830	792,000	492,010	285,510
15	368,780	382,930	396,480	415,710	445,320	465,600	488,550	556,720	830,430	785,730	482,550	283,610
16	369,210	383,380	397,370	416,160	446,000	466,280	489,470	565,910	836,280	777,960	473,620	278,380
17	369,650	383,820	397,820	417,620	447,140	466,740	490,390	576,750	843,920	770,440	464,910	271,250
18	370,090	384,040	398,270	419,320	448,500	467,430	491,320	586,000	848,510	761,720	456,230	265,600
19	370,760	384,480	398,710	420,900	449,870	467,890	492,240	596,200	849,020	752,260	448,500	260,610
20	371,410	384,700	399,160	422,930	451,000	468,580	493,390	609,780	850,050	742,580	441,000	255,860
21	372,080	385,150	399,830	423,830	451,460	469,030	494,550	618,380	852,610	732,690	432,400	250,480
22	372,520	385,370	400,730	424,510	451,910	469,720	495,470	624,600	855,170	721,070	423,600	246,760
23	372,960	385,810	401,620	424,960	452,600	470,410	496,160	635,660	857,220	709,040	414,590	243,660
24	373,410	386,030	402,290	425,410	453,500	471,100	496,860	647,680	856,200	696,760	406,090	240,990
25	373,850	386,480	403,180	425,860	454,420	471,780	497,550	656,880	855,170	684,810	397,820	237,120
26	374,290	386,700	403,860	426,780	455,320	472,470	498,470	671,890	853,890	673,840	389,800	233,650
27	374,740	387,140	404,750	427,660	456,010	473,160	499,630	684,080	853,890	663,180	381,820	232,630
28	375,180	387,360	405,420	428,340	456,690	473,840	500,780	694,570	854,160	652,040	373,850	231,620
29	375,620	387,800	406,320	429,240		474,760	501,930	709,530	852,870	639,990	365,920	231,820
30	376,070	388,030	407,210	429,920		475,450	503,090	721,560	850,820	628,920	358,030	232,020
31	376,510		407,880	430,820		476,370		729,470		618,380	349,700	

Year
Mean
Run-off

Year or Period ____ Mean ____ Run-off ____

Daily discharge, in second-feet, of SNAKE RIVER NEAR MORAN, WYO. for the year ending September 30, 19[illegible]

Plate No. 24

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	40	25	24	25	25	25	26	45	25	3080	5320	4500
2	33	25	24	25	25	25	28	50	34	3050	5330	4320
3	28	25	24	25	25	25	28	56	43	3590	5530	3900
4	28	25	24	24	25	25	27	63	34	4960	4740	3630
5	28	25	24	24	25	25	27	72	25	5030	3250	3620
6	28	25	23	23	25	25	26	82	24	4750	3130	3550
7	28	25	24	23	25	25	26	87	23	4060	3390	3400
8	28	25	25	23	25	25	25	92	24	3800	5220	2690
9	28	25	24	24	25	24	25	77	25	2950	6850	2170
10	25	25	24	25	25	24	28	66	26	2100	6930	1890
11	25	25	23	25	25	24	32	54	727	3120	6790	1010
12	25	25	23	25	25	24	32	56	1230	4510	6850	650
13	25	25	23	25	24	24	32	59	1290	5490	6470	600
14	25	25	23	25	23	25	32	56	1120	5700	5870	820
15	25	25	24	25	23	25	32	54	977	5300	5510	2330
16	25	25	24	25	23	25	32	50	1000	5000	5420	3630
17	25	25	25	25	23	25	32	48	1730	5460	5220	3340
18	25	25	25	25	23	25	32	46	3290	6100	4830	2870
19	32	25	25	24	23	25	32	43	3880	6260	4560	2720
20	40	25	25	24	23	25	32	40	3910	6100	4760	2830
21	36	25	25	25	23	25	32	38	3980	6950	4770	2730
22	30	25	25	25	23	25	32	36	4350	7350	5020	2110
23	28	25	25	23	24	25	32	43	4860	7610	5000	2020
24	28	25	25	23	24	25	32	48	4430	7370	4720	2360
25	28	25	25	23	25	24	33	54	3550	7110	4610	2400
26	28	24	25	24	25	24	33	63	2840	6890	4540	1290
27	27	24	25	24	25	24	35	72	2570	6950	4620	785
28	26	24	25	25	25	24	37	101	2820	7110	4580	374
29	26	24	25	25		25	38	153	3490	7010	4560	250
30	25	24	25	25		25	40	82	3550	6560	4750	250
31	25		25	25		25		50		6280	4700	
Mean	28.2	24.8	24.3	24.3	24.3	24.7	31.0	62.6	1865	5406	5026	2298
Acre-Feet	1750	1480	1490	1490	1350	1520	1840	3840	110,800	332,400	313,300	136,800

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Year Mean 1254

Acre-Feet 908,040

Daily discharge, in second-feet, of SNAKE RIVER NEAR ALPINE, WYO. for the year ending September 30, 19 21.

Plate No. 24 A

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							1180	2180	7120	8980	8200	5840
2							1320	2650	6390	8370	7490	5680
3							1290	3240	6510	8020	7600	5590
4							1180	3910	7250	8600	7170	5220
5							1290	4430	6840	9250	6320	5060
6							1240	5080	5910	9370	5330	4880
7							1200	5300	5350	8920	5160	4880
8							1140	5910	5120	8460	5330	4780
9							1160	6220	5300	8140	6870	4250
10							1210	5960	5500	6940	8110	3760
11							1350	5740	5500	6290	8080	3520
12							1290	5520	6820	6940	8020	2770
13							1300	5590	7440	8000	8000	2370
14							1620	5980	7000	8780	7660	2220
15							1930	6900	6840	8900	7300	2210
16						1160	2060	7630	7100	8400	7100	3440
17						1170	1820	8080	8170	7910	6920	4800
18						1200	1710	8950	9280	8430	6720	4520
19						1140	1730	9870	10400	8900	6270	4130
20						1140	1820	9500	10900	8660	6030	3980
21						1080	1930	8020	12300	8630	6100	4210
22						1140	2110	7380	13900	9100	6100	4010
23						1150	1970	7940	14800	9500	6290	3640
24						1160	1800	9160	14200	9560	6200	3540
25						1170	1740	10100	11700	9370	6000	3680
26						1140	1940	10500	10000	9040	5910	3730
27						1110	2370	10300	8900	8950	5840	2920
28						1080	2440	11300	8520	8870	5860	2420
29						1100	2260	12000	8780	8840	5770	2090
30						1120	2080	10400	9280	8570	5770	1840
31						1140		8400		8780	5930	

(16-3½)

							1138	1649	7250	8457	8557	6627	3864
Mean Acre-Feet							56,100	98,140	444,600	502,100	526,200	407,500	229,900

Mean ..... Feet 2,244,540

Daily discharge, in second-feet, of GREYS RIVER near ALPINE, WYO. for the year ending September 30, 1951

Plate No. 24 B

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							182	536	1410	904	426	272
2							207	832	1320	848	389	276
3							195	1120	1370	817	374	276
4							182	1320	1460	778	360	276
5							195	1520	1320	746	356	269
6							188	1610	1200	754	351	262
7							185	1800	1140	723	351	258
8							176	1830	1150	731	338	258
9							188	1710	1160	692	342	280
10							207	1520	1160	638	329	272
11							227	1460	1230	646	320	262
12							214	1400	1300	601	320	258
13							233	1510	1180	601	320	258
14							292	1650	1140	616	312	254
15							360	1740	1150	638	316	251
16							384	1810	1230	565	312	251
17						198	338	1860	1340	516	316	247
18						195	312	1900	1230	488	316	247
19						195	351	1930	1210	468	304	247
20						195	394	1730	1240	456	300	247
21						195	432	1570	1370	444	300	247
22						195	438	1620	1440	438	288	247
23						195	379	1720	1400	432	284	265
24						192	342	1770	1260	426	284	262
25						188	370	1770	1130	420	280	254
26						182	522	1780	1040	414	280	251
27						170	739	1810	992	398	276	251
28						164	661	1880	944	389	276	247
29						159	509	1840	928	379	276	247
30						167	450	1670	976	384	276	247
31						164		1540		462	272	
(17-31st)												
Mean						184	328	1805	1214	575	318	258
Acre-Feet						5460	19,540	98,690	72,240	35,350	19,550	15,350

6-7119

Years and Period — Mean — Acre-Feet 266,140

...ily discharge, in second-feet, of SNAKE RIVER near HEISE, IDAHO ...for the year ending September 30, 19...

Plate No. 15

...y	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3420	3020	2470			2180	2180	4310	11800	11400	10200	7140
2	3290	3000	2470	2280		2180	2280	5070	10400	10700	9060	6960
3	3250	2850	2460			2140	2380	6500	9980	10200	8900	6880
4	3230	2730	2460			2080	2240	8110	10700	10100	8930	6760
5	3210	2880	2460			2050	2160	9450	10700	11100	8330	6360
6	3190	2900	2460			2060	2180	10600	9580	11200	6960	6250
7	3180	2880	2450			2090	2200	10800	8770	11100	6590	6170
8	3160	2800	2490			2140	2120	12000	8360	10300	6440	6080
9	3140	2740	2520			2080	2140	12700	8460	10200	7530	5920
10	3120	2710	2450			2030	2210	11900	8800	9320	9190	5170
11	3100	2730	2340			2060	2360	11700	8710	8180	9550	4910
12	3090	2740	2490			2060	2450	10900	9350	8420	9250	4350
13	3070	2710	2280			2090	2410	11000	10700	9450	9350	3730
14	3050	2730	2280			2090	2650	11600	10300	10600	9060	3500
15	3070	2730	2440			2080	3270	13300	10100	10800	8670	3400
16	3070	2730	2570			2090	3690	13800	10100	10500	8300	3890
17	3050	2730	2550			2120	3650	14200	10900	9740	8180	5550
18	3030	2730	2470			2140	3360	15000	12100	9710	8020	5980
19	3070	2710	2440			2120	3340	16100	12700	10200	7710	5340
20	3120	2680	2420			2060	3530	15700	13600	10400	7290	5820
21	3140	2680	2390			2050	3810	13800	14400	9980	7320	5200
22	3090	2680	2410			2010	4240	12500	16300	10500	7290	5500
23	3030	2650	2420			2090	4240	12800	17400	10700	7380	4910
24	3000	2610	2340			2080	3830	13900	17400	11100	7470	4740
25	3000	2580	2320			2020	3630	14800	15400	10800	7170	4740
26	3000	2570	2420			2010	4020	15400	13000	10500	7080	4980
27	3000	2530	2410			1960	5070	15200	11800	10200	6990	4690
28	3000	2500	2390			1960	5500	15700	11000	10200	7020	3730
29	2960	2530	2380			1980	5070	16600	10600	10200	7020	3480
30	2960	2530	2300			1990	4440	15600	11400	9980	6940	3140
31	2960		2300			2060		13300		9980	7080	

Mean	3098	2720	2421	Est. 2150	Est. 2100*	2069	3222	12,400	11,490	10,250	7944	5156
Acre-Feet	190,500	161,600	148,900	132,200	116,600	127,200	191,700	762,500	683,900	630,300	488,500	306,800

* Approximate estimate

Year Mean 5,443

Acre-Feet 3,940,700

Daily discharge, in second-feet, of SNAKE RIVER NEAR SHELLEY, IDAHO for the year ending September 30, 19 28

Plate No. 26

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2100	2470	2700	2120			2830	4580	9970	4370	4020	2550
2	1660	2550	2890	1990			3090	4760	8730	4860	4520	2560
3	1540	2580	2920				3480	4660	7630	4500	3640	2550
4	1510	2800	2920				3330	6440	7360	4060	3370	2580
5	1410	2850	2820				3190	8180	7840	4120	3270	2510
6	1440	3060	2450				2980	9830	7900	4720	2870	2540
7	1560	3090	2680				3040	11200	6700	5180	2380	2320
8	1650	3190	2910				3000	11700	5060	5610	1920	2270
9	1670	3130	3230				3020	13100	4260	5540	1780	2200
10	1620	3000	2900				2780	13800	4660	5480	1960	2120
11	1490	3000	3050				2870	13500	5270	4950	2760	1840
12	1550	3040	3000				2980	13300	5540	4020	2920	1600
13	1300	3020	2600				3070	12200	7030	3780	3040	1450
14	1180	2980	2500				3060	11700	9010	4340	3270	1160
15	1170	2940	2530				3170	12000	8800	4550	3130	978
16	1140	2920	2500				3800	13000	7940	4550	2980	954
17	1150	2830	3000				4140	13200	6700	4240	2850	840
18	1270	2800	3590				4140	12600	6440	3590	2760	936
19	1460	2780	3290				3850	12600	7260	3330	2780	1850
20	1720	2760	3250				3730	12600	7630	3350	2590	2030
21	1810	2700	3000			3110	3750	11700	8040	3370	2330	1810
22	1930	2640	2900			3000	4020	9360	8520	3060	2340	2020
23	2080	2630	2800			3030	4260	7900	9830	3420	2360	2420
24	2080	2610	3070			3100	4370	7530	10900	3730	2530	2230
25	2160	2590	2960			3200	4040	8210	10400	4090	2730	2230
26	2270	2590	2890			3050	3750	9320	8070	3920	2610	2270
27	2560	2640	2710			2710	3940	9930	6340	3750	2300	2480
28	2390	2590	2820			2710	4950	9650	4800	3460	2060	2340
29	2230	2610	2850			2710	5540	10300	4060	3370	1980	1690
30	2300	2710	2390			2710	5240	11700	3780	3290	2260	1370
31	2480		2300			2710		11300		3350	2400	

(31)

Mean	1745	2803	2852			3204	3647	10,370	7216	4127	2733	1980
Acre-Feet	107,300	166,800	175,400			63,550	217,000	637,400	429,400	253,800	168,000	116,000

Year 0[illegible]

Mean _____

Acre-Feet _____

Daily discharge, in second-feet, of BLACKFOOT RIVER near BLACKFOOT, IDAHO for the year ending September 30, 19 30

Plate No.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	60	221	220	160		60	70	116	289	15	3	
2	50	274	220	150		60	70	96	163	8	99	
3	45	303	223	90		70	73	132	217	4	25	
4	35	373	307	60		77	75	230	295	8	5	
5	37	304	303			72	78	301	282	7	2	
6	47	301	300			66	80	452	282	6	2	1
7	57	303	296			79	87	498	244	6	2	1
8	44	242	278			94	108	542	120	13	1	1
9	32	201	260			78	112	554	124	109	1	1
10	46	215	242			61	106	550	205	149	1	1
11	45	208	223			64	123	506	192	42	1	1
12	33	196	227			66	98	424	148	81	1	1
13	22	188	231			68	85	286	196	143	1	1
14	89	199	235				75	227	196	92	1	1
15	108	205	232	56			75	240	91	38	1	2
16	196	199	229				77	172	32	23	1	2
17	265	208	282				85	145	12	11	1	2
18	248	236	334				85	110	10	6	1	2
19	205	228	280		41		87	104	19	5	1	2
20	232	199	238				89	111	34	5	1	2
21	188	201	264				71	90	54	2	1	2
22	174	192	289			65	99	6	38	1	1	7
23	187	185	286				94	6	9	1	1	6
24	169	134	273				111	6	6	1	1	4
25	160	151	267				126	6	77	1	1	2
26	179	172	318				91	6	68	1	1	4
27	160	192	270				88	6	47	1	1	3
28	80	212	241	56			124	6	38	1	1	2
29	98	215	226				172	6	29	1	1	2
30	188	215	223	50			160	42	22	1	1	2
31	212		216					261		1	1	

Mean	119	222	259	63.0	Est. 45	67.3	95.8	201	118	25.3	5.2	2.0
Acre-Feet	7,320	13,230	15,930	3,880	2,500	4,140	5,700	12,370	7,020	1,560	321	119

U. S. GOVERNMENT PRINTING OFFICE 6—2169

Year
Mean 102
Acre-Feet 74,090

Daily discharge, in second-feet, of SNAKE RIVER at CLOUGHS RANCH near BLACKFOOT, IDAHO, for the year ending September 30, 19 51

Plate No. 25

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	627	1660	2430	1890	1870	2090	2370	4480	8430	412	1030	296
2	370	1760	2180	1430	1930	2130	2680	3760	7250	790	2270	345
3	245	1980	2430	1320	1880	2140	2900	3670	6100	1020	1800	434
4	276	2340	2280	1130	1860	2150	2930	4720	5370	773	1270	649
5	340	2420	2040	1110	1910	2150	2820	6340	5680	609	835	882
6	434	2600	2040	947	1940	2100	2710	8160	6230	938	558	828
7	468	2800	2300	900	1940	2110	2690	9900	5420	1080	450	719
8	522	2900	2790	852	1940	2170	2680	10500	3300	1710	444	497
9	516	2900	2920	805	1840	2210	2640	11500	1940	2420	439	260
10	480	2900	2640	570	1830	2280	2440	12400	1810	2950	322	190
11	468	2900	2800	596	1800	2370	2520	12400	2380	2360	318	238
12	434	2900	2760	522	1810	2430	2550	12100	2550	1660	296	245
13	434	2920	2380	747	1800	2550	2680	11200	3370	998	370	249
14	390	2950	2100	775	1890	2680	2630	9930	5350	1050	422	370
15	350	2930	2130	1110	1940	2640	2720	9540	5750	1370	596	276
16	434	2880	2300	1440	2020	2660	3000	9870	4800	1310	616	249
17	492	2840	2770	1600	2000	2770	3440	9870	3560	1130	775	230
18	462	2800	2870	1700	1940	2740	3650	9140	2760	684	850	193
19	468	2770	2950	1870	1810	2760	3510	8630	3210	345	914	166
20	691	2720	2950	1760	1840	2800	3350	8850	3760	223	922	280
21	754	2690	2920	1660	1860	2770	3300	8510	4340	172	450	516
22	835	2610	2770	1630	1810	2770	3450	6700	4560	166	238	552
23	964	2540	2690	1500	1780	2660	3670	4890	5440	163	234	582
24	1050	2460	2740	1320	1760	2690	3960	3940	6470	181	256	684
25	1100	2490	2710	1160	1860	2760	3810	3900	7080	486	340	670
26	1240	2500	2540	1260	1940	2920	3450	4890	5970	740	439	805
27	1450	2560	2740	1510	2050	2800	3420	5990	3600	596	350	622
28	1530	2560	2690	1720	2060	2520	4070	5970	2340	516	373	570
29	1370	2550	2520	1820		2460	5100	5920	1040	345	340	516
30	1490	2490	2220	1860		2430	5040	7390	602	338	304	376
31	1540		2220	1860		2370		8790		462	320	

Year	720	2611	2543	1302	1890	2486	3206	7866	4349	903	618	460
Acre-Feet	44,270	155,300	156,300	80,080	104,900	152,900	190,800	483,700	256,800	55,520	37,970	27,350

Year Mean 2414

Acre-Feet 1,747,890

U. S. GOVERNMENT PRINTING OFFICE 9—7189

...ARY of AMERICAN FALLS RESERVOIR at AMERICAN FALLS, IDAHO ...for the year ending September 30, 19...

Plate No. 24

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	608,100	692,240	907,430	1154,280	1295,670	1498,120	1712,330	1722,020	1670,320	1514,980	1025,590	562,560
2	609,040	702,490	913,900	1160,280	1300,540	1504,410	1710,080	1719,170	1675,340	1496,030	1013,140	550,290
3	609,980	709,320	923,600	1166,840	1306,890	1513,910	1712,900	1714,610	1673,100	1482,940	1002,840	538,550
4	609,670	717,570	930,480	1173,900	1316,300	1523,490	1713,470	1710,080	1677,560	1468,280	990,830	527,100
5	611,540	725,290	934,930	1178,140	1324,220	1532,010	1713,470	1707,280	1673,100	1453,160	978,940	516,240
6	613,100	734,070	939,370	1183,790	1334,120	1541,060	1712,900	1714,610	1674,220	1438,250	961,830	507,690
7	614,350	742,840	946,390	1188,030	1342,530	1549,580	1717,460	1719,740	1675,900	1424,370	945,560	496,860
8	615,920	753,070	952,230	1192,270	1349,960	1557,570	1715,750	1722,020	1673,100	1406,880	929,670	489,130
9	618,160	764,250	961,410	1196,980	1357,430	1566,160	1710,080	1720,880	1665,340	1396,770	912,680	481,930
10	620,740	774,350	970,590	1201,220	1363,990	1574,310	1710,080	1715,180	1656,500	1388,700	895,080	475,300
11	622,670	783,720	979,360	1204,510	1370,540	1582,470	1703,920	1711,760	1646,550	1379,120	880,970	468,940
12	623,640	793,640	986,530	1206,870	1376,590	1591,160	1710,080	1715,750	1636,040	1367,010	865,280	463,020
13	625,570	803,650	993,830	1207,810	1384,660	1599,850	1708,960	1714,040	1633,830	1348,970	848,420	456,550
14	626,860	813,280	1000,700	1208,280	1392,730	1608,550	1711,200	1705,040	1629,410	1334,120	830,890	451,170
15	631,050	822,180	1007,570	1210,190	1400,300	1620,010	1711,200	1705,600	1624,450	1319,760	816,620	445,510
16	632,340	829,750	1014,860	1208,750	1407,400	1628,860	1711,200	1708,960	1618,350	1304,440	802,540	439,650
17	633,310	832,410	1020,440	1211,630	1416,140	1638,810	1715,180	1711,200	1613,440	1290,800	786,970	433,610
18	635,240	844,230	1032,170	1216,900	1421,280	1648,760	1717,460	1710,080	1605,290	1274,730	768,580	428,610
19	638,140	850,710	1043,180	1217,860	1428,990	1658,710	1716,890	1710,640	1596,590	1257,680	752,350	420,990
20	639,750	857,190	1051,980	1220,260	1435,680	1666,450	1717,460	1708,960	1590,620	1240,880	740,040	415,250
21	642,970	863,320	1060,790	1225,060	1443,390	1675,340	1716,320	1711,200	1586,270	1219,300	727,400	409,850
22	645,230	868,420	1070,030	1230,330	1449,050	1684,310	1719,740	1706,720	1581,920	1200,740	710,340	405,490
23	648,450	873,120	1079,490	1235,610	1455,730	1689,910	1718,050	1698,880	1573,770	1183,320	692,920	401,640
24	652,430	877,850	1088,060	1240,400	1463,570	1698,880	1716,890	1691,590	1571,660	1166,840	678,330	404,720
25	657,410	882,140	1096,170	1247,120	1470,370	1705,600	1714,040	1682,060	1571,050	1143,680	663,060	405,230
26	661,730	886,850	1106,990	1251,910	1477,180	1708,960	1710,080	1673,660	1568,880	1131,230	647,480	406,260
27	668,040	891,560	1116,020	1257,680	1482,940	1713,470	1706,720	1668,660	1565,080	1115,110	632,340	407,030
28	672,690	896,260	1120,630	1263,530	1490,270	1714,040	1706,720	1662,020	1558,630	1097,070	614,980	408,050
29	678,660	900,180	1128,470	1270,350		1713,470	1717,460	1654,290	1545,320	1079,040	604,040	408,050
30	684,380	905,000	1138,610	1278,620		1711,760	1721,450	1655,390	1530,420	1058,140	589,660	411,900
31	689,170		1146,450	1286,900		1711,200		1655,940		1043,620	576,490	

Mean												
Acre-Feet												

Year or Mean

Ret

Daily discharge, in second-feet, of SNAKE RIVER at HEELEY, IDAHO for the year ending September 30, 1923

Plate No. 20

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2380	1190	2020	1280	1200	1020	4980	8200	8200	11600	11100	9630
2	2430	1170	1100	1250	1180	633	5060	8610	8490	11500	10700	9290
3	2460	1190	1090	1240	1050	350	5030	8570	8870	11200	10400	8870
4	2480	1170	1350	1300	702	250	5070	8200	8820	10800	10200	8780
5	2490	880	1640	1260	413	312	5090	6900	7950	11000	10200	8530
6	2470	610	1630	1220	524	325	5110	7870	7580	11900	11000	8200
7	2280	448	1610	1210	710	586	5100	9290	8320	12200	11400	7790
8	2210	302	1630	1210	994	742	7580	12400	9330	11900	11500	7460
9	2160	302	1630	1210	1210	890	6600	15800	9680	11200	11500	7100
10	2210	606	1630	1210	1210	900	4930	15800	9460	10900	11500	6860
11	2230	613	1600	1210	1210	900	5090	15700	9080	10900	11400	6430
12	2250	614	1600	1970	837	900	5060	15700	9080	11700	11300	5970
13	2250	595	1630	3900	572	804	5070	15600	9030	12100	11200	5740
14	2250	955	1520	3350	593	678	5090	15100	9200	11800	11100	5740
15	2220	1550	1140	3940	710	686	5060	11700	9680	11100	11100	5740
16	2220	1550	912	3980	870	686	5050	11000	10000	11000	11100	5740
17	2220	2240	674	1170	870	694	5110	11000	9980	10900	11100	5710
18	2000	2340	680	3930	870	930	5160	11300	9980	11700	11500	5710
19	1990	2350	668	4210	860	1160	5230	11700	9500	12100	11400	5710
20	2010	2340	780	2330	870	1130	5420	11700	9200	12400	11300	5560
21	1990	2350	810	1720	890	1110	5390	11700	8910	12400	11200	6010
22	1990	2840	810	1620	870	1660	5750	11600	9160	11900	11200	4360
23	1830	2840	826	1150	686	2230	6420	11600	9760	11500	11000	3710
24	1410	2820	818	1170	686	1810	8360	11300	10200	11500	10900	2700
25	1220	2800	250	1200	870	2640	8360	10700	10300	11700	10600	2570
26	1330	2780	1420	1210	880	3630	7300	10600	9800	12000	10300	2570
27	1310	2770	1430	1120	880	4890	4980	10700	9590	11900	10300	2590
28	1320	2830	811	1030	880	5490	5010	10700	9890	11900	10400	2560
29	1180	2850	820	726		5980	5880	10800	10600	11900	10300	1960
30	1140	2850	820	755		5480	7620	10000	11500	12100	9980	1860
31	1180		1170	903		5180		8570		11900	9720	
Mean	1975	1692	1178	1774	861	1784	5699	11,300	9371	11,630	10,900	5715
Acre-Feet	121,400	100,700	72,450	109,100	47,810	108,400	339,100	695,000	557,600	715,200	670,200	340,100

U. S. GOVERNMENT PRINTING OFFICE 6—7199

Year Mean 5355

Acre-Feet 3,877,040

Daily discharge, in second-feet, of LAKE ALCOTT NEAR HENDORA, IDAHO for the year ending September 30, 19[illegible]

Plate No. 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	47,360	25,730	50,740	61,060	62,270	62,160	68,530	96,870	95,550	95,910	95,550	95,180
2	46,090	26,340	49,790	61,610	62,490	62,380	67,870	96,750	95,430	95,550	95,670	96,510
3	44,820	26,140	50,520	61,830	62,490	62,160	69,190	96,870	94,600	97,110	95,430	96,870
4	43,870	25,730	50,520	61,940	62,380	61,720	69,850	96,390	95,910	96,990	95,070	96,990
5	42,390	25,230	51,490	62,600	62,160	61,280	69,850	94,020	95,550	95,430	94,250	95,910
6	42,070	24,310	52,680	63,040	61,500	60,740	71,390	94,140	94,950	94,950	93,320	95,430
7	41,440	22,590	53,860	63,480	61,720	60,420	75,650	94,840	94,490	95,430	93,320	94,840
8	40,380	21,670	54,400	63,590	61,940	60,420	83,430	95,180	94,950	96,390	94,140	93,900
9	39,560	21,170	55,900	63,700	62,380	60,420	89,360	96,870	94,950	97,110	94,020	92,390
10	38,920	19,440	56,980	63,810	62,600	60,420	89,360	96,630	95,180	97,110	94,800	90,880
11	38,300	18,050	58,480	63,480	62,820	60,420	87,500	96,510	94,140	96,150	95,430	89,360
12	37,260	16,470	60,100	62,820	62,930	60,530	90,290	96,630	93,900	95,310	95,670	86,920
13	36,640	14,090	60,850	62,600	62,270	60,960	91,690	96,390	95,070	95,430	95,670	85,400
14	36,020	13,300	61,500	61,720	61,940	60,850	92,860	94,720	94,490	96,030	95,670	83,540
15	36,230	11,620	62,050	61,500	61,720	60,630	93,090	95,910	94,720	95,910	95,430	81,510
16	35,290	12,110	61,610	61,940	61,940	60,630	92,970	95,430	94,490	94,950	95,670	79,260
17	34,360	12,510	61,720	61,280	62,050	60,420	94,020	95,670	94,950	94,490	95,180	77,230
18	33,740	13,690	61,500	59,990	62,160	60,100	94,600	95,070	94,720	94,490	94,250	75,200
19	32,910	15,280	61,500	62,270	62,380	60,850	92,860	95,670	95,550	94,250	94,720	72,940
20	32,080	14,960	61,500	62,270	62,490	61,280	94,140	95,670	95,180	95,430	94,950	72,050
21	31,460	15,040	61,500	62,380	62,380	61,830	93,790	96,150	95,910	96,150	94,950	71,390
22	30,630	21,670	61,500	63,040	62,380	61,940	94,840	95,180	95,310	96,630	94,720	69,850
23	30,420	24,920	61,060	62,600	62,490	62,380	93,550	95,910	94,840	96,270	94,250	66,000
24	30,420	28,580	60,630	62,600	62,160	62,600	96,630	96,030	94,950	96,150	94,720	64,360
25	30,210	31,870	59,770	62,820	62,050	61,060	96,390	95,790	95,670	95,430	95,180	61,720
26	29,590	35,400	58,480	62,820	62,160	61,280	95,910	95,670	95,670	95,180	94,950	59,450
27	29,590	38,410	59,340	62,490	62,160	63,260	91,690	95,670	95,430	94,720	94,370	57,190
28	29,180	41,860	60,200	62,160	62,160	65,890	90,550	94,950	95,310	94,490	93,670	55,470
29	28,680	45,140	60,310	62,490		66,880	92,620	94,260	94,720	94,490	93,670	52,250
30	28,070	47,570	60,650	62,160		67,650	95,430	96,150	95,180	94,720	94,490	50,520
31	27,260		60,420	62,160		68,310		95,430		95,550	94,370	

Mean												
Acre-Feet												

U. S. GOVERNMENT PRINTING OFFICE 1—7138

YEAR ON P[illegible] MEAN [illegible] RE-FEET

Daily discharge, in second-feet, of MINIDOKA NORTH SIDE CANAL NEAR MINIDOKA, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	620	285	332				0	757	983	1570	972	1190
2	652	286	332				0	757	983	1620	1170	1150
3	662	286	288				0	795	981	1640	1250	1100
4	658	286	252				0	888	983	1650	1200	1090
5	652	286	253				22	992	981	1640	1220	1050
6	651	284	254				39	1100	976	1640	1240	1080
7	647	278	256				41	1220	974	1640	1280	1080
8	641	275	257				41	1320	1050	1650	1330	1080
9	632	274	260				42	1440	1100	1650	1360	1030
10	628	271	98				110	1510	1160	1640	1360	968
11	626	267	0				150	1550	1200	1640	1380	958
12	611	263	0				190	1570	1200	1620	1460	947
13	556	254	0				245	1570	1210	1590	1490	939
14	514	248	0				247	1570	1220	1590	1490	928
15	516	245	0				309	1560	1280	1500	1490	932
16	471	247	0				350	1550	1350	1460	1480	934
17	408	245	0				350	1560	1400	1460	1480	936
18	406	250	0				351	1560	1470	1460	1470	932
19	403	254	0				351	1570	1490	1480	1470	925
20	362	260	0				398	1570	1490	1540	1470	862
21	305	265	0				460	1570	1480	1590	1480	776
22	303	271	0				462	1570	1480	1600	1470	746
23	302	282	0				463	1570	1470	1600	1470	675
24	300	289	0				467	1570	1480	1590	1440	672
25	298	298	0				467	1560	1430	1590	1430	658
26	298	305	0				592	1580	1380	1590	1430	649
27	296	310	0				692	1610	1380	1590	1420	637
28	296	316	0				736	1600	1400	1590	1420	649
29	296	323	0				742	1530	1440	1590	1320	670
30	295	327	0				753	1260	1460	1570	1180	722
31	291		0					983		1340	1180	

DRY

Mean	471	278	83.3	0	0	0	502	1561	1263	1578	1366	900
Acre-Feet	28,950	16,520	5,120	0	0	0	17,990	84,920	75,140	97,030	83,900	53,560

YEAR — MEAN 640 — ACRE-FEET 463,150

U. S. GOVERNMENT PRINTING OFFICE 16-7149

Daily discharge, in second-feet, of MINIDOKA SOUTH SIDE CANAL near MINIDOKA, IDAHO for the year ending September 30, 19 33

Plate No. 5

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	480	218	152				0	329	568	1290	1170	1120
2	463	219	56				0	333	437	1300	1080	1110
3	430	212	0				0	333	414	1300	1020	1090
4	397	210	0				0	335	472	1300	1020	1040
5	357	206	0				0	387	508	1280	1050	939
6	348	202	0				0	478	558	1270	1130	896
7	344	198	0				0	606	674	1310	1200	882
8	342	194	0				0	790	744	1320	1250	882
9	322	184	0				0	876	803	1310	1250	882
10	309	179	0				0	916	845	1290	1210	848
11	307	175	0				0	965	848	1270	1210	809
12	305	164	0				0	1070	851	1260	1210	776
13	335	154	0				0	1200	848	1280	1220	768
14	361	156	0		DRY		0	1290	959	1300	1230	776
15	359	160	0				0	1310	1160	1240	1220	795
16	322	157	0				0	1300	1270	1230	1230	784
17	266	155	0				0	1280	1290	1260	1230	725
18	254	157	0				0	1280	1230	1260	1200	624
19	252	158	0				0	1280	1150	1260	1200	593
20	250	159	0				0	1280	1080	1290	1200	551
21	249	158	0				0	1260	1090	1310	1190	524
22	247	158	0				0	1220	1140	1310	1170	498
23	246	151	0				0	1240	1110	1320	1170	452
24	243	149	0				0	1270	1030	1330	1210	395
25	243	150	0				0	1260	1000	1320	1220	346
26	243	151	0				0	1260	1000	1310	1210	328
27	240	153	0				0	1240	1030	1330	1210	359
28	240	151	0				0	1150	1090	1340	1190	403
29	227	153	0				0	1200	1200	1340	1150	439
30	219	156	0				109	814	1240	1340	1140	512
31	216							692		1270	1120	
Mean	304	172	6.71	0	0	0	3.63	976	921	1292	1178	705
Acre-Feet	18,680	10,210	413	0	0	0	216	59,990	54,820	79,420	72,420	41,940

Year or ... Mean 467

Acre-Feet 338,109

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

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2150	1160	1010	1050	1220	1080	4720	6820	6570	8120	8720	6630
2	2140	1080	1020	1250	1260	1080	4930	7460	7010	7940	8460	6500
3	2150	1080	676	1270	1320	922	4930	7320	7320	7830	8260	6500
4	2140	1010	728	1090	1290	768	5050	7540	7400	7880	8090	6300
5	2150	1040	753	1100	1200	628	4300	6370	6710	8120	8170	6470
6	2110	986	711	1030	820	792	3660	6060	6310	8610	8380	6370
7	1980	1050	855	1200	750	778	3600	6900	6390	8750	8520	6080
8	1890	255	877	1220	780	991	3760	8870	7070	8140	8440	5830
9	1880	520	836	1200	1160	1080	4610	12700	7540	7880	8380	5760
10	1790	1080	866	1240	1210	1100	4740	13200	7510	8090	8410	5660
11	1720	1000	883	1350	1260	1090	4630	13200	6980	8230	8380	5440
12	1720	1480	1000	2110	1300	1010	4390	13400	6900	8610	8350	5170
13	1720	1460	1340	3110	1150	1040	4020	13100	7070	8810	8320	5050
14	1730	1160	1260	3250	1020	1040	4340	12400	6950	8700	8260	5050
15	1800	1010	1360	2950	800	1000	4430	9710	6900	8700	8230	5170
16	1900	1000	1160	3470	900	1010	4590	8350	7040	8460	8260	5320
17	1920	1230	994	3170	930	996	4720	8320	7120	8410	8290	5340
18	1920	1230	789	1950	990	1070	4930	8200	6930	8670	8410	5340
19	1920	1290	774	3050	980	1030	4560	8670	6840	8750	8460	5390
20	1930	830	887	3020	1010	1120	4880	8750	6440	8780	8350	5390
21	1920	891	932	950	1020	1200	4810	8990	6210	8870	8380	5000
22	1780	903	1000	1860	1020	1300	5120	8720	6290	8990	8260	4740
23	1590	815	1160	1120	1020	2080	5320	8750	5950	8720	8230	4610
24	1400	804	1270	1050	1020	2540	8030	8580	7320	8640	8060	3580
25	1110	820	1320	1100	1030	2740	7970	7800	7600	8670	7830	3060
26	1110	826	1150	1380	1070	2760	7770	7910	7260	8780	7740	2820
27	1150	831	1100	1320	1080	3230	5960	7880	6950	8780	7710	2760
28	1400	832	943	1030	1090	4570	4500	7830	7320	8580	7630	2840
29	1110	838	959	890		4910	4480	7830	7510	8520	7570	2360
30	1130	1010	958	850		4930	5960	8580	6000	8640	7290	2120
31	1100		1000	1100		4960		7120		8720	6950	
Mean	1725	984	986	1669	1061	1765	4990	8946	7014	8496	8155	4862
Acre-Feet	106,000	58,550	60,640	102,600	58,910	108,400	296,900	550,100	417,300	522,400	501,400	295,200

Year
Mean 4,252
Acre-Feet 3,076,400

Late Milner at Milner, Idaho — for the year ending September 30, 19 [illegible]

Plate No. 35

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10.30	8.11	7.80	7.10	7.45	7.64	9.06	10.34	10.92	10.63	10.94	10.78
2	10.28	8.14	7.47	6.86	7.45	7.62	8.40	10.32	10.88	10.83	11.05	10.66
3	10.20	8.26	7.80	6.96	7.56	7.76	8.91	10.24	10.76	10.84	11.04	10.57
4	10.18	8.38	7.76	7.11	7.72	7.76	8.65	10.26	10.96	10.74	10.92	10.54
5	10.06	8.30	7.60	7.17	7.90	7.59	8.94	10.26	11.04	10.65	10.72	10.48
6	10.24	8.26	7.50	6.94	8.06	7.53	8.65	10.22	10.84	10.66	10.62	10.59
7	10.21	8.20	7.39	6.82	7.86	7.25	9.02	10.22	10.58	10.94	10.67	10.63
8	10.14	8.25	7.30	6.89	7.62	7.12	9.01	10.28	10.52	11.06	10.76	10.62
9	10.06	8.15	7.29	6.94	7.44	7.16	8.98	10.26	10.56	10.96	10.70	10.59
10	9.99	8.14	7.41	6.98	7.46	7.24	9.06	10.31	10.65	10.78	10.70	10.65
11	9.82	8.21	7.36	7.04	7.60	7.36	8.94	10.24	10.66	10.70	10.72	10.68
12	9.58	8.15	7.26	7.12	7.77	7.50	9.50	10.27	10.46	10.65	10.76	10.60
13	9.42	8.16	7.18	6.87	7.98	7.48	9.41	10.24	10.70	10.80	10.77	10.55
14	9.14	8.22	7.38	7.22	8.04	7.44	8.86	10.25	10.76	10.93	10.71	10.52
15	9.18	8.12	7.51	7.20	8.00	7.52	10.00	10.22	10.66	11.06	10.61	10.44
16	9.09	8.06	7.78	7.08	7.81	7.42	10.15	10.29	10.61	11.00	10.66	10.50
17	9.05	7.80	7.72	7.16	7.67	7.51	10.31	10.53	10.76	10.96	10.67	10.58
18	9.04	8.18	7.74	7.02	7.65	7.05	10.24	10.12	10.76	10.86	10.54	10.74
19	8.96	8.40	7.67	6.81	7.62	7.40	10.02	10.34	10.86	10.68	10.62	10.70
20	8.91	8.54	7.42	6.94	7.54	7.40	10.18	10.52	11.04	10.90	10.76	10.64
21	8.97	8.50	7.16	7.18	7.52	7.60	9.88	10.50	11.04	10.86	10.78	10.94
22	9.20	8.37	7.16	7.32	7.50	7.64	10.26	10.54	10.86	10.96	10.82	10.96
23	9.24	8.52	7.08	7.76	7.52	7.29	9.88	10.52	10.68	10.96	10.70	10.64
24	9.26	8.19	7.06	7.80	7.54	7.65	10.28	10.56	10.71	10.94	10.80	10.90
25	9.24	8.02	7.20	7.72	7.52	7.70	10.28	10.51	10.92	10.85	10.82	10.76
26	9.01	7.88	7.40	7.71	7.48	7.86	10.27	10.46	10.97	10.90	10.76	10.54
27	8.92	7.75	7.45	7.86	7.50	8.08	9.94	10.46	10.78	10.96	10.70	10.22
28	8.82	7.64	7.50	7.94	7.56	8.64	9.56	10.36	10.68	10.97	10.55	10.05
29	8.75	7.52	7.45	7.86		8.93	10.16	10.18	10.54	10.92	10.76	9.71
30	8.62	7.40	7.35	7.80		8.96	10.26	10.66	10.58	10.83	10.88	9.78
31	8.38		7.15	7.57		8.99		10.85		10.90	10.92	

Mean													
Acre-Feet													

Year ____ Mean ____

Acre-Feet ____

Daily discharge, in second-feet, of P A LATERAL NEAR MILNER, IDAHO for the year ending September 30, 19 25

Plate No. 31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0						0	62	61	62	60
2		0						6	62	61	62	60
3		0						14	62	61	62	60
4		0						15	62	61	62	60
5		0						32	62	61	62	60
6		0						32	62	60	62	60
7		0						52	62	60	62	60
8		0						58	62	60	62	60
9		0						60	62	61	62	60
10		0						60	62	60	62	60
11		0						62	62	60	62	60
12		0						62	62	60	62	60
13		0			Dry			62	62	60	61	60
14		0						62	62	61	60	60
15	Dry	0						62	61	61	60	60
16		0						62	61	61	60	58
17		0						62	61	61	61	57
18		11						62	61	61	61	56
19		15						62	61	61	61	53
20		4						62	61	61	61	52
21		0						62	61	61	61	50
22		0						62	61	61	61	46
23		0						62	61	61	61	45
24		0						62	61	61	61	38
25		0						62	61	61	61	37
26		0						62	61	61	61	33
27		0						62	61	61	61	30
28		0						62	61	61	61	30
29		0						62	61	62	61	29
30		0						62		60	61	28
31												
Mean	0	1.0	0	0	0	0	0	52.4	61.5	60.8	61.3	51.2
Acre-Feet	0	60	0	0	0	0	0	3220	3660	3740	3770	3050

Year ending Sept. 30

Mean 24.2

Acre-Feet 17,500

Daily discharge, in second-feet, of MILNER LOW LIFT CANAL NEAR MILNER, IDAHO, for the year ending September 30, 19 31

Plate No. 57

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							0	0	132	152	150	127
2							0	0	136	150	150	116
3							0	34	140	150	152	127
4							0	87	144	148	152	128
5							0	112	144	148	150	127
6							0	115	143	157	150	126
7							0	130	132	161	149	127
8							0	138	132	146	151	127
9							0	137	150	162	152	126
10							0	155	120	161	153	127
11							0	155	150	160	153	127
12							0	154	151	161	137	126
13							0	154	152	162	113	126
14			Canal Dry				0	155	144	156	119	126
15							0	152	136	164	154	125
16							0	154	135	166	151	125
17							0	154	124	168	143	126
18							0	154	125	169	126	127
19							0	152	124	172	151	126
20							0	153	119	173	155	108
21							0	152	110	172	154	78
22							0	150	122	172	154	79
23							0	147	123	172	154	79
24							0	148	124	172	127	79
25							0	147	125	173	126	79
26							0	147	124	171	126	79
27							20	146	124	168	126	79
28							6	147	149	167	125	80
29							9	148	150	169	126	80
30							0	143	150	166	126	79
31								119		156	127	
Mean	0	0	0	0	0	0	0.87	130	134	163	142	110
Acre-Feet	0	0	0	0	0	0	52	8010	8000	10,020	8700	6550

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Year or Period

Mean 57.1

Acre-Feet 41,312

... DOOLING PROJECT WATER IN DOOLING CANAL ... for the year ending September 30, 19--.

Plate No. 58

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									1170	1130	1270	850
2								155	1160	1150	1290	850
3								370	1150	1180	1290	830
4								540	1160	1180	1280	810
5								760	1160	1180	1270	810
6								930	1150	1180	1200	790
7								1000	1140	1190	1160	770
8								1060	1130	1200	1170	750
9								1070	1140	1190	1120	730
10		140		No water diverted on days for				1080	1150	1180	1100	730
11		470		which no discharge is given				1080	1130	1210	1100	730
12		507						1090	1100	1230	1100	730
13		491						1090	1070	1230	1070	730
14		462						1090	1070	1240	1060	730
15		117						1090	1070	1240	1060	730
16								1090	1070	1240	1060	730
17								1090	1070	1230	1060	730
18							162	1080	1080	1230	1060	730
19							268	1090	1080	1230	1060	730
20							346	1090	1090	1230	1060	730
21							465	1080	1090	1230	1060	730
22							540	1080	1080	1240	1060	730
23							590	1080	1070	1240	1060	730
24							650	1080	1080	1270	1040	730
25							660	1120	1120	1280	1030	730
26							650	1160	1130	1280	1030	730
27							640	1170	1130	1280	1030	720
28							230	1160	1130	1280	1020	720
29								1150	1120	1280	1020	420
30								1170	1120	1270	920	
31								1180		1270	850	
Mean	0	72.9	0	0	0	0	175	977	1,114	1,225	1,096	715
Acre-Feet	0	4340	0	0	0	0	10,320	60,050	66,270	75,350	67,360	42,570

Year ... Mean 451

Acre-Feet 326,260

Daily discharge, in second-feet, of NORTH SIDE CANAL CO. WATER IN SCOPING CANAL for the year ending September 30, 19 [illegible]

Plate No. 25

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								599	720	720	950	930
2								609	720	730	960	930
3								623	710	730	960	930
4								660	720	730	930	910
5								670	730	730	920	900
6								680	720	730	910	920
7								700	710	730	920	920
8								710	700	730	920	910
9								700	700	730	910	900
10		No water diverted on days for which					381	700	720	710	920	900
11		no discharge is given					326	690	720	710	920	900
12							517	690	710	720	910	900
13							581	690	720	720	910	900
14							614	700	730	720	920	900
15							625	700	730	740	910	890
16							631	700	720	740	920	900
17							612	700	730	740	930	890
18							600	700	730	730	910	910
19							621	710	750	730	920	890
20							564	720	750	730	920	900
21							595	710	750	730	920	900
22							630	710	730	800	920	900
23							580	710	720	900	920	870
24							600	720	720	940	920	890
25							600	710	730	940	930	880
26							610	720	740	930	920	870
27							600	730	730	950	920	860
28							570	720	730	950	910	860
29							586	710	710	950	930	860
30							592	730	710	950	920	880
31								720		950	930	
Mean	0	0	0	0	0	0	401	695	724	792	923	897
Acre-Feet	0	0	0	0	0	0	23,870	42,750	43,060	48,670	56,750	53,360

Year or Period

Mean 571

Acre-Feet 268,440

Daily discharge, in second-feet, of SOUTH SIDE TWIN FALLS CANAL at MILNER, IDAHO, for the year ending September 30, 1930.

Plate No. 30

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	709	655	486	420	314	281	592	476	2280	2700	2750	2080
2	708	664	491	419	314	281	374	761	2410	2690	2760	1890
3	705	422	494	420	317	264	491	1030	2380	2710	2710	1850
4	703	499	488	420	326	264	645	1070	2410	2750	2650	1800
5	701	604	485	420	329	262	691	1180	2350	2770	2630	1800
6	705	597	488	420	332	256	651	1440	2260	2860	2640	1770
7	698	597	488	422	330	256	570	1650	2290	2880	2660	1710
8	698	597	485	422	327	253	422	1780	2250	2850	2700	1670
9	691	591	483	422	325	256	201	1900	2260	2810	2690	1660
10	688	591	488	422	323	262	0	1950	2210	2840	2680	1620
11	695	597	482	420	305	256	0	1980	2140	2850	2670	1560
12	698	594	476	418	287	256	0	2180	2100	2890	2680	1460
13	698	588	470	416	284	262	0	2260	2210	2950	2670	1270
14	688	588	479	416	267	264	0	2290	2230	2990	2690	1190
15	695	585	476	416	245	267	0	2350	2200	2940	2670	1170
16	695	582	464	416	237	270	0	2500	2180	2920	2650	1180
17	695	560	458	416	237	276	0	2650	2220	2950	2620	1150
18	726	563	461	383	242	264	100	2620	2220	2950	2630	1110
19	743	539	446	382	262	273	161	2610	2270	2960	2650	1060
20	743	539	446	381	273	287	159	2570	2280	2970	2630	1080
21	746	539	446	380	287	317	159	2540	2250	2940	2580	1060
22	757	536	446	379	273	326	159	2540	2240	2950	2570	1040
23	750	539	443	378	276	317	159	2600	2360	2890	2510	1010
24	746	539	440	376	284	320	228	2650	2490	2810	2400	781
25	715	521	446	375	305	344	375	2630	2580	2770	2380	350
26	688	512	458	374	305	365	496	2610	2540	2790	2320	251
27	684	503	449	374	296	368	629	2620	2500	2800	2300	214
28	684	494	440	374	281	377	574	2580	2540	2810	2280	179
29	684	488	431	356		383	364	2520	2560	2840	2280	163
30	681	482	428	335		380	326	2590	2580	2790	2220	161
31	678		422	320		377		2330		2790	2180	

MEAN	706	557	464	397	292	296	278	2112	2326	2852	2563	1176
ACRE-FEET	43,430	33,130	28,540	24,380	16,230	18,220	16,510	129,600	138,400	175,400	157,600	69,990

* A MEMORANDUM REGARDING ERROR

C—2148

YEAR OF RECORD — MEAN 1176 — ACRE-FEET 851,650

Daily discharge, in second-feet, of South Side Twin Falls Canal at Kilner, Idaho, for the year ending September 30, 19 37

Plate No. 41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1610	672	672	640	568	515	270	2070	2850	3350	3590	3240
2	1600	675	675	640	568	501	76	2240	3040	3380	3570	3250
3	1590	678	675	628		478	71	2430	3090	3420	3560	3190
4	1600	678	672	637		498	68	2620	3090	3420	3510	3160
5	1600	672	672	634		529	69	2670	3090	3460	3510	3160
6	1600	672	672			520	77	2760	3020	3530	3530	3130
7	1560	675	668			520	260	2970	2970	3560	3500	3010
8	1530	432	634			526	1660	3170	2970	3510	3520	2890
9	1470	40	625	620		529	1120	3200	3040	3460	3530	2760
10	1480	102	628			529	662	3210	3070	3460	3530	2660
11	1480	141	625			532	675	3220	3060	3460	3520	2500
12	1480	329	628		565	526	665	3250	3010	3470	3520	2460
13	1480	665	628			526	710	3260	3090	3550	3530	2460
14	1470	675	628			526	825	3260	3060	3520	3550	2460
15	1480	668	634			523	964	3300	3000	3480	3560	2460
16	1470	668	643			523	982	3280	2900	3460	3560	2450
17	1450	668	631			523	989	3340	2870	3500	3560	2440
18	1430	668	622			532	978	3280	2790	3540	3550	2440
19	1430	662	622			544	989	3340	2740	3590	3560	2440
20	1360	672	628	560		547	996	3350	2740	3610	3560	2410
21	1210	672	625			544	1060	3340	2730	3610	3540	2280
22	1060	672	619			556	1210	3350	2790	3590	3530	2130
23	935	668	619			553	1290	3360	2910	3570	3530	1890
24	852	672	625		562	529	1360	3360	2950	3610	3530	1790
25	858	672	637		553	532	1420	3330	3060	3610	3530	1670
26	819	668	634		556	547	1600	3320	3280	3640	3500	1590
27	768	672	634		538	547	1940	3320	3240	3630	3460	1590
28	764	672	634		515	535	2060	3300	3280	3630	3400	1590
29	761	672	631			577	1790	3240	3320	3630	3410	1590
30	720	675	631			640	1830	3300	3350	3630	3360	1590
31	707		634			665		2820		3610	3280	
Mean	1278	594	629	586	562	538	956	3105	3013	3552	3513	2425
Acre-Feet	78,600	35,360	39,280	36,020	31,190	33,070	56,860	190,900	179,300	217,200	216,000	144,200

Year Mean 1758

Acre-Feet 1,257,980

...SNAKE RIVER at MILNER, IDAHO ...for the year ending September 30, 19 37

Plate No. 42

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	299	293	291	280	436	378	4240	3240	25	8	202	200
2	301	299	278	280	420	378	3890	3940	24	9	200	200
3	301	299	278	280	404	375	4550	2890	22	9	198	198
4	301	301	278	283	387	378	4190	2740	450	9	196	198
5	301	301	280	296	378	372	4100	1130	32	9	198	198
6	301	299	283	339	384	372	2740	518	24	8	198	200
7	301	301	283	342	372	372	2740	296	20	10	202	200
8	299	301	283	345	367	375	1940	814	13	18	202	200
9	299	299	283	347	372	375	2640	5190	12	12	202	200
10	299	301	283	345	375	375	3650	5450	15	8	198	200
11	301	299	283	372	378	378	2940	5350	15	7	202	200
12	301	301	278	737	384	378	3440	5860	12	7	202	200
13	301	301	275	1870	375	375	2680	5450	12	8	202	200
14	299	301	280	2580	378	375	2480	4590	13	72	202	200
15	299	299	283	2920	375	375	2700	3220	13	268	202	200
16	301	296	283	2760	372	372	2560	541	13	193	202	204
17	304	296	280	2890	372	375	3160	315	13	198	202	206
18	299	301	278	2600	378	361	3160	286	13	198	202	204
19	299	301	278	2100	378	372	2560	288	16	196	202	204
20	296	301	278	2720	378	370	2640	740	19	196	202	204
21	299	301	278	1660	375	381	2540	1300	23	196	202	204
22	301	299	275	430	375	372	2590	784	14	196	202	214
23	299	299	283	430	375	640	1840	642	10	198	202	269
24	301	296	286	430	375	2330	4740	808	7	198	202	263
25	301	301	286	430	375	2010	4790	76	9	198	202	268
26	299	301	280	433	375	1980	4040	23	10	198	202	263
27	301	299	278	475	375	2050	2640	14	9	202	200	263
28	301	299	280	610	378	2660	702	13	8	202	198	263
29	301	301	280	456		3520	1500	12	7	206	200	263
30	299	299	278	401		3820	2970	781	7	212	200	
31	299		278	420		3820		1510		202	200	
Mean	300	300	281	906	381	1002	3046	1697	89.3	116	201	218
Acre-Feet	18,450	17,820	17,250	61,270	21,160	61,610	181,300	116,600	1750	7240	12,350	12,990

Year Mean 732

Acre-Feet 529,750

Daily discharge, in second-feet, of HENRYS LAKE near LAKE, IDAHO for the year ending September 30, 19 34

Plate No. 43

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1										30496	17932	4060
2										30333	17330	3890
3										30176	16740	3710
4										30004	16160	3590
5										29493	15590	3580
6										28815	15160	3570
7										28140	14750	3560
8									26964	27474	14340	3550
9	8685									26812	13930	3540
10										26267	13530	3530
11										26077	13130	3530
12										25942	12740	3530
13								23252		25787	12360	3530
14										25632	11950	3530
15										25479	11540	3450
16										25329	11130	3270
17									29801	25177	10610	3100
18										25024	9950	2940
19										24885	9300	2790
20										24746	8690	2660
21										24538	8100	2540
22										24098	7490	2430
23										23575	6920	2330
24										22977	6490	2230
25									30550	22322	6080	2130
26									30550	21680	5700	2040
27									30550	21032	5360	1950
28									30550	20394	5070	1860
29									30550	19769	4800	1780
30									30550	19159	4560	1700
31										18545	4250	

Mean												
Acre-Feet												

Year or Period

Mean

Acre-Feet

Daily discharge, in second-feet, of HENRYS FORK near LAKE, IDAHO for the year ending September 30, 19[illegible]

Plate No.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17								3	92	301	6
2	17								3	89	296	6
3	17								3	97	292	5
4	17								3	267	283	
5	17								3	351	216	
6	17								3	349	203	
7	17								3	345	202	
8	10								3	343	202	
9	2								3	283	198	7
10	2								3	104	198	5
11	2								3	76	196	5
12	2								3	76	191	5
13	2								3	76	202	5
14	2								3	75	206	43
15	2								3	74	203	90
16	2								4	74	259	85
17	2								4	70	334	80
18	2								4	68	321	74
19	2								4	68	297	69
20	2								4	108	292	64
21	2								4	219	301	59
22	2								4	261	281	54
23	2								4	299	208	53
24	2								4	328	200	51
25	2								8	326	182	50
26	2								10	326	163	48
27	2								10	326	145	46
28	2								10	319	129	44
29	2								10	312	113	43
30	2								48	305	98	41
31	2									306	89	
Mean	5.6	Est. 2	Est. 2	Est. 2	Est 2	Est 2	Est 2	Est. 2.5	5.9	207	219	43.1
Acre-Feet	347	119	123	123	111	123	119	154	351	12,720	13,490	2570

U. S. GOVERNMENT PRINTING OFFICE 6—7-40

YEAR

MEAN 41.9

ACRE-FEET 30,350

Daily discharge, in second-feet, of SNAKE RIVER NEAR ISLAND PARK, IDAHO for the year ending September 30, 19[illegible]

Plate No. 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	394	374	367	354	354	354	344	545	598	448	704	456
2	390	374	365	372	358	358	348	660	576	489	735	452
3	394	374	360	362	358	348	334	830	562	493	704	444
4	394	376	360	337	354	348	334	841	571	497	684	412
5	394	376	360	330	362	348	337	880	530	580	679	401
6	390	379	360	333	362	348	340	941	489	714	631	394
7	387	372	337	337	354	348	334	997	459	761	612	390
8	387	354	337	340	351	348	337	1130	463	761	558	351
9	388	362	334	344	344	348	334	1450	497	756	598	348
10	390	372	345	348	344	351	334	1340	528	745	584	387
11	387	372	355	351	344	344	348	1100	549	589	571	383
12	387	372	348	348	354	344	344	880	617	524	576	383
13	387	372	360	340	348	348	348	803	704	497	543	387
14	383	372	365	354	354	348	344	793	665	482	541	376
15	383	369	366	354	340	344	351	803	636	485	558	383
16	387	372	372	365	340	354	369	803	576	516	545	412
17	383	369	365	362	344	348	362	803	558	485	612	419
18	383	369	358	365	344	354	365	847	545	474	626	419
19	390	369	358	337	344	351	383	885	520	463	650	419
20	390	369	358	312	365	351	397	880	516	470	694	430
21	383	372	365	344	354	351	405	820	497	501	684	433
22	379	376	365	365	348	354	430	750	493	549	670	430
23	379	376	362	372	351	354	415	740	482	660	650	452
24	383	372	365	372	354	351	401	730	470	684	607	444
25	383	372	365	365	358	351	412	715	463	694	580	426
26	379	372	362	365	358	344	482	700	452	735	566	415
27	376	372	372	369	358	337	562	685	444	756	545	412
28	365	372	358	365	358	337	589	670	433	735	528	405
29	369	369	372	362		337	520	645	423	709	512	401
30	369	369	372	362		340	512	612	419	689	508	401
31	372		365	354		337		594		709	478	
Mean	384	371	360	353	352	348	390	835	524	602	604	409
Acre-Feet	23,610	22,100	22,120	21,700	19,550	21,380	23,240	51,320	31,210	36,990	37,160	24,350

Year
Mean 462
Acre-Feet 334,710

...BENITO FORK AT RAIN RIVER, IDAHO ...for the year ending September 30, 19...

Plate No. 46

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	729		656			701	689	938	1070	806	1110	843
2	733		656			701	729	1030	1050	849	1070	824
3	729		650			701	672	1250	1040	874	1080	812
4	735		645			701	656	1460	1020	874	1060	831
5	741	690	672			702	667	1570	1010	905	1040	788
6	735		680			704	672	1610	950	1060	1020	747
7	729		680			706	662	1600	924	1100	976	741
8	729		680		640	690	656	1830	868	1110	957	747
9	735		706			684	656	1950	938	1120	924	741
10	735		685			701	662	1880	983	1120	957	735
11	729	662	670			724	667	1750	983	1050	944	735
12	724	670	656			712	678	1520	1130	918	924	735
13	724	680	656			706	678	1410	1230	886	924	729
14	724	684	656		764	701	695	1370	1150	861	899	735
15	724	684	683	640	735	701	689	1380	1080	861	899	724
16	718	684	680		706	701	712	1390	1040	861	912	753
17	724	684	680		712	701	701	1400	1000	874	950	776
18	718	684	678		718	695	701	1410	990	843	976	776
19	729	689	664		724	689	718	1420	964	837	990	782
20	741	689	650		730	684	741	1410	944	837	1010	794
21	729	684	670		736	678	753	1370	924	861	1040	824
22	724	689	689		742	684	800	1300	899	905	1020	800
23	724	689			747	689	776	1280	880	964	1010	849
24	724	689			747	684	759	1260	880	1050	983	837
25	724	689			776	678	764	1230	861	1050	938	806
26	718	678			735	672	849	1210	849	1050	918	788
27	724	684	680		735	662	970	1200	837	1100	905	776
28	718	689			701	665	1050	1180	824	1080	899	770
29	712	656				668	990	1160	812	1080	880	764
30	718	656				672	931	1130	812	1060	874	764
31	718					678		1100		1040	861	

Mean	728	684	675	640	690	691	745	1587	965	964	966	778
Acre-Feet	44,670	40,690	41,380	39,350	38,340	42,520	44,320	85,290	57,410	59,280	59,400	46,270

* Estimated missing days

6—F160

Year

Mean 927

Acre-Feet 596,930

Daily discharge, in second-feet, of BOISE PARK NEAR ABLTON, IDAHO for the year ending September 30, 19 37

Plate No. 47

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	988	949	923	802	949	962	955	1260	1560	1080	1200	1080
2	975	1010	898	790	949	1010	1040	1400	1500	1110	1190	1070
3	975	732	923	814	962	1000	949	1790	1420	1120	1370	1040
4	1000	898	814	862	988	1000	910	2080	1500	1130	1340	1080
5	1000	1080	910	838	988	975	943	2300	1430	1160	1310	1050
6	1010	1010	949	838	988	1000	930	2350	1350	1380	1320	975
7	1000	1010	1050	654	962	975	949	2350	1280	1420	1250	975
8	1000	910	975	814	949	975	878	2720	1230	1400	1220	962
9	1000	949	989	874	910	975	1010	2920	1290	1420	1180	949
10	1010	936	874	936	936	975	875	2850	1370	1420	1230	949
11	1000	1000	886	936	975	975	984	2760	1340	1370	1200	962
12	1000	1010	1000	898	988	975	971	2370	1670	1220	1290	936
13	988	949	826	898	1000	975	967	2260	1910	1180	1280	949
14	988	949	898	936	1010	988	1010	2180	1670	1160	1260	936
15	975	949	1010	949	923	967	1050	2220	1530	1160	1250	949
16	975	962	1040	936	886	980	1060	2320	1480	1160	1250	949
17	975	962	962	923	923	980	1120	2410	1420	1150	1230	988
18	962	962	949	949	949	954	1030	2100	1420	1110	1230	1000
19	975	949	949	936	923	955	1110	2200	1370	1090	1230	1000
20	963	949	923	744	850	952	1120	2180	1320	1130	1250	988
21	949	949	936	850	838	931	1150	2080	1280	1230	1290	1010
22	962	936	936	898	936	924	1160	2180	1250	1280	1290	1000
23	962	936	936	975	988	940	1130	1850	1220	1220	1280	1010
24	962	936	936	975	988	928	1080	1910	1180	1260	1230	1010
25	962	936	949	988	988	912	1080	1870	1160	1310	1190	1000
26	962	949	975	949	975	907	1200	1780	1150	1320	1160	1000
27	923	936	949	949	975	1000	1400	1720	1110	1380	1130	975
28	962	923	962	975	962	905	1480	1740	1050	1380	1120	988
29	962	923	826	975		845	1380	1630	1050	1380	1130	988
30	962	923	838	975		862	1250	1560	1090	1370	1120	975
31	962		910	923		988		1560		1350	1110	
Mean	977	949	932	898	952	954	1072	2094	1563	1255	1230	991
Acre-Feet	60,080	56,470	57,320	55,060	52,680	58,650	63,810	128,700	80,550	77,080	75,630	58,990

Year Mean 1140

Acre-Feet 825,360

Daily discharge, in second-feet, of HENRYS FORK at ST. ANTHONY, IDAHO, for the year ending September 30, 1921.

Plate No. 48

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	666							952	1910	751	667	780
2	738							1080	1740	722	634	846
3	810							1510	1590	608	694	915
4	810							2050	2030	600	703	928
5	829							2520	1840	570	684	940
6	838							2680	1530	824	667	890
7	838							2660	1270	1000	642	846
8	829							3470	1090	990	625	813
9	838							4760	1160	1020	592	857
10								4060	1410	1050	642	857
11								4240	1500	1000	642	846
12								3650	2630	824	703	846
13								3790	3840	742	915	846
14								3600	3150	694	952	846
15								3570	2560	722	965	846
16								3620	2410	694	890	835
17								3600	2580	713	879	835
18								3470	2580	659	824	868
19								3410	2050	642	770	929
20								3340	2260	577	791	928
21								2850	2520	585	879	990
22								2490	2580	634	879	1020
23								2540	2560	577	868	1000
24								2880	1640	600	868	1080
25								2900	1080	676	835	990
26								2880	742	659	824	965
27								2700	600	642	813	940
28								2950	642	650	802	928
29								2950	650	650	791	868
30								2520	703	667	770	868
31								2050		676	780	
Mean	800							2943	1828	723	774	898
Acre-Feet	14270							181,000	108,800	44,470	47,580	53,440

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Year or Period

Mean

Acre-Feet

Daily discharge, in second-feet, of BEAVER FORK near REXBURG, IDAHO for the year ending September 30, 19[illegible]

Plate No. 49

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	600	1450	1260	1320			1490	868	1900	534	391	600
2	630	1430	1280	1350			1600	770	1650	544	391	680
3	720	1460	1270				1600	890	1420	521	391	765
4	797	1490	1280				1510	1290	1340	512	391	786
5	819	1530					1580	1810	1650	516	391	819
6	841	1630					1420	2160	1480	548	391	792
7	868	1620					1420	2190	1250	710	391	735
8	890	1640	1300				1410	2320	1000	863	379	715
9	907	1600				1350	1360	3040	902	934	375	670
10	918	1600					1400	3620	1060	1020	367	690
11	907	1600	1310				1340	3660	1260	1040	379	690
12	858	1600	1350				1370	3680	1450	912	371	685
13	852	1560					1360	3300	2950	745	426	685
14	808	1520					1310	3250	3990	665	534	715
15	792	1480		1350	1350		1440	3080	3680	670	570	715
16	819	1440	1370				1490	3190	3080	695	570	710
17	976	1390					1600	3190	2690	715	530	720
18	1070	1370				1650	1470	3200	2900	645	548	740
19	1130	1350				1590	1330	3160	2670	544	530	750
20	1220	1310	1380			1600	1290	3170	2240	480	534	775
21	1250	1280	1390			1540	1270	3050	2300	431	570	802
22	1260	1280	1390			1470	1230	2470	2320	404	620	868
23	1290	1280	1360			1470	1260	2020	2360	387	630	852
24	1290	1270	1350			1470	1110	2060	2090	371	635	946
25	1380	1290	1330			1470	952	2260	1320	371	625	1010
26	1420	1290	1360			1420	907	2360	836	367	630	994
27	1420	1280	1410			1360	994	2280	660	367	615	982
28	1440	1260	1420			1450	1170	2210	600	367	590	958
29	1470	1230	1310			1390	1250	2490	562	363	580	952
30	1440	1250	1270			1370	1070	2500	539	367	585	896
31	1470		1260			1380		2170		375	580	

Mean	1050	1426	1335	1349	1350	1406	1327	2505	1805	580	500	790
Acre-Feet	64,570	84,850	82,060	82,950	74,980	86,440	78,950	154,000	107,400	35,670	30,760	47,000

Year or Period — Mean 1284 — Acre-Feet 929,630

Daily discharge, in second-feet, of CALF RIVER NEAR ARCO, IDAHO for the year ending September 30, 19[illegible]

Plate No. 50

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	478	486	456	400			364	502	1650	824	598	456
2	478	486	456	382			400	534	1500	862	502	456
3	478	486	456	400			400	684	1760	724	486	449
4	478	486	456	380			352	862	2320	769	478	486
5	463	486	456	350		365	364	940	1760	698	470	478
6	463	486	453	265			364	960	1550	920	456	456
7	449	486	450	340			364	1040	1410	733	442	456
8	449	486	447	307			364	1390	1430	698	442	470
9	449	470	444	352			364	1580	1600	664	510	456
10	442	470	442				376	1730	1600	690	502	442
11	442	463	428			376	400	1710	1780	664	502	442
12	470	463	394			376	370	1990	2950	630	502	442
13	470	456	388			376	376	1940	2770	622	502	442
14	470	463	449			376	388	2100	1910	614	502	435
15	442	463	414			376	428	2380	1860	630	502	428
16	502	463				376	435	2470	1860	672	394	428
17	502	470			365	376	407	2410	2470	656	400	428
18	502	456				376	407	2560	1810	647	400	428
19	534	456				376	428	2530	1860	638	400	428
20	518	456		375		376	435	2290	2290	630	470	428
21	502	456				376	442	2020	2590	598	470	518
22	486	456				364	470	1890	2950	598	463	470
23	502	456	420			376	435	2210	3010	598	463	534
24	502	456				376	407	2560	1990	590	456	534
25	494	428				352	428	2680	1490	582	456	502
26	486	428				364	502	2680	1380	574	449	470
27	486	428				364	502	2440	1130	503	449	470
28	478	428				364	542	2890	824	502	449	456
29	470	442				352	534	2770	881	494	456	442
30	486	456				364	502	2290	980	470	470	442
31	486					364		1940		550	470	
Mean	479	462	429	369	365	369	416	1902	1846	647	468	459
Acre-Feet	29,470	27,510	26,400	22,660	20,270	22,660	24,690	117,000	109,800	39,770	28,780	27,320

Year [illegible]

Mean 686

Acre-Feet 496,550

Daily discharge, in second-feet, of FALL RIVER NEAR CHESTER, IDAHO, for the year ending September 30, 19 37

Plate No. 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	415							420	1320	426	68	128
2	393							506	1260	371	56	188
3	360							715	1210	298	35	245
4	344							921	1550	299	10	228
5	329							1170	1340	211	24	219
6	344							1220	1070	268	16	207
7	339							1250	867	298	16	199
8	339							1770	806	224	16	199
9	355							2310	912	196	29	224
10	334							2260	1090	199	19	232
11	268							2220	1150	180	21	228
12	283							2070	1830	147	42	236
13	393							2350	2440	137	293	232
14	324							2250	1860	128	293	219
15	329							2310	1570	147	293	211
16	329							2300	1520	172	211	196
17	288							2270	1830	165	199	203
18	268							2240	1770	169	94	228
19	313							2200	1450	172	70	249
20	355							2170	1730	147	80	245
21	344							1900	2060	128	96	313
22	334							1620	2180	92	98	328
23	329							1850	2150	80	110	350
24	334							2090	1360	70	109	398
25								2130	885	56	116	318
26								2130	572	46	110	288
27								2070	470	31	116	273
28								2070	482	37	108	241
29								2410	371	43	105	196
30								1960	382	36	105	192
31								1510		52	131	
Mean	336							1828	1316	162	99.6	240
Acre-Feet	15,990							112,400	78,320	9,960	6,120	14,310

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Year or Period Mean Acre-Feet

Daily discharge, in second-feet, of TETON RIVER near TETONIA, IDAHO for the year ending September 30, 19 37

Plate No. 52

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1											414	250
2											380	238
3											354	246
4											329	270
5										359	324	
6										408	319	
7										460	314	
8										460	305	
9										568	301	
10										516	289	
11										448	288	
12										408	288	
13										414	288	
14										516	288	
15										650	283	
16										554	279	
17										448	279	
18										414	279	
19										454	279	
20										431	288	
21										402	288	
22										370	279	
23										370	270	
24										370	266	
25										364	262	
26										359	258	
27										349	258	
28										344	250	
29										344	258	
30										344	258	
31										327	262	

Disch. on Oct. 12, 1937 = 233 Sec.-Ft.

										(5-31)		(1-4)
										427	295	251
Mean										22,850	18,000	1000
Acre-Feet												

Year or Period

Mean

Acre-Feet

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

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	464	438		345			378	552	1020	861	695	425
2	460	420					420	589	945	814	603	416
3	447	385					438	621	1020	793	565	416
4	473	455				300	412	645	1140	772	552	486
5	482	460					389	699	1000	762	534	526
6	490	434	300				395	772	897	814	534	512
7	473	429					391	809	837	837	530	504
8	468	412				361	382	897	831	768	539	504
9	464	403				361	395	1040	897	891	552	521
10	464	408				361	446	1060	945	843	569	473
11	460	416	292			365	521	1040	945	767	569	420
12	460	412				378	512	1000	1090	715	517	408
13	460	408				382	508	1040	1360	694	486	403
14	468	399	292			382	664	1120	1340	740	477	399
15	464	403	300			386	945	1400	1220	867	477	395
16	473	403	320			399	1320	1440	1170	849	468	391
17	473	408	330			412	990	1430	1260	730	460	391
18	473	408	353	317	273	412	861	1730	1230	689	464	386
19	473	395	353			403	843	1930	1090	689	508	378
20	508	391	341			386	891	1700	1130	694	544	378
21	495	391	357			382	885	1340	1260	650	552	391
22	473	395	337			370	927	1240	1520	631	548	412
23	464	382	345			378	736	1420	1690	621	539	416
24	464	365	345			370	607	1620	1400	651	526	451
25	442	374	353			353	589	1640	1120	621	526	425
26	433	365	353			353	700	1620	1030	645	477	412
27	433		341			353	772	1580	984	694	438	403
28	429		349			357	705	1740	927	664	429	399
29	420	350	332			357	650	1740	903	659	429	395
30	420		345			357	580	1440	891	593	429	395
31	438		336			361		1440		626	420	
Mean	465	399	335	est. 320	est. 289	387	642	1227	1106	730	515	426
Acre-feet	28,440	23,760	19,880	19,680	15,980	23,270	38,210	75,440	65,640	44,930	31,560	25,480

Year Mean 587

Acre-Feet 410,600

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

Plate No. 54

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	116	220	225			237	364	460	166	49	70	73
2	116	227	223			244	384	471	154	57	67	73
3	114	223	222			244	395	493	145	58	67	84
4	114	220	239			244	384	526	135	63	71	82
5	118	231	237			244	374	560	119	69	76	101
6	116	244	225			246	384	595	113	70	58	88
7	119	248	223			250	395	595	110	79	63	89
8	116	248	227			260	374	606	105	105	76	89
9	114	244	233			270	364	595	111	116	70	90
10	111	244	233			280	364	584	119	113	67	91
11	105	246	227			290	374	560	110	111	62	91
12	104	248	220			300	384	526	104	108	56	89
13	102	250	235			322	406	493	105	107	59	88
14	101	250	246			342	438	471	101	104	65	85
15	107	250	229			342	493	438	100	98	69	84
16	110	250	223			353	526	416	94	95	71	85
17	113	250	235			384	515	384	90	104	75	84
18	110	248	235			406	482	364	77	101	75	71
19	114	246				416	471	342	69	91	75	82
20	113	240				406	460	311	68	77	74	90
21	118	240				406	460	290	73	79	76	91
22	124	239				384	460	250	70	73	75	90
23	121	239				395	449	225	65	59	75	88
24	116	235				384	427	212	64	55	73	93
25	121	235				374	416	199	63	53	68	93
26	122	225				374	438	186	63	59	71	94
27	119	222				374	471	166	63	59	71	95
28	159	218				364	493	145	56	59	77	94
29	204	222				353	471	130	55	58	77	94
30	210	225				353	471	130	52	54	77	94
31	216					353		145		61	73	
Mean	125	238				329	430	383	940	78.8	70.3	87.8
Acre-Feet	7,660	14,140				20,220	25,560	23,540	5,590	4,850	4,320	5,230

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Year or Period

Mean

Acre-Feet