



C. A. BOTTOLFSEN  
GOVERNOR

STATE OF IDAHO  
DEPARTMENT OF RECLAMATION

~~JAMES SPOFFORD~~, COMMISSIONER  
James Spofford

BOISE

~~XXXXXXXXXXXX~~  
DEPUTY COMMISSIONER

January 12, 1943

Honorable C. A. Bottolfson  
Governor of Idaho  
Boise, Idaho

Dear Governor:

Herewith is transmitted the annual report of Lynn Crandall, Watermaster and Special Deputy Commissioner of Reclamation for Water District No. 36, for the year of 1942. The report summarizes the operations connected with the distribution of the waters of Snake River to the lands within this water district, which comprises over one million acres and extends from the headwaters of the river to the lands served by water diverted from the Milner Dam.

The report discloses that snow conditions at the end of March, 1942 held a water content which was about eighty per cent of the average for the past seven years. This average was raised from five to ten per cent by heavy precipitation in May.

No apparent difficulties were experienced in water distribution during the year and the sixty main canals delivered 5,994,438 acre feet of water in serving 937,317 acres or 6.4 acre feet per acre, which was an increase of about three per cent over the deliveries for 1941.

At the close of the irrigation season on September 30, 1942, there still remained a carry-over of 940,000 acre feet of water in the reservoirs. This storage has consistently built up to an aggregate of 1,470,000 acre feet on January 9, 1943, and the depth of water in snow cover on the watershed was far above normal, indicating prospects for an abundant water supply during the 1943 irrigation season.

The distribution of water in District No. 36 during 1942 was carried on in the usual efficient manner, which deserves the support of the water users, the Committee of Nine and this Department.

Respectfully submitted,

*James Spofford*  
JAMES SPOFFORD  
Commissioner of Reclamation





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

WATER DISTRICT NO. 36

A. BOTTOLFSSEN, GOVERNOR  
JAMES SPOFFORD, COMMISSIONER

January 6, 1943.

Mr. James Spofford  
Commissioner of Reclamation  
State of Idaho  
Boise, Idaho

Dear Sir:

I am transmitting herewith the annual report covering the operation of Water District No. 36 during 1942. The work in this District was continued during that year as a cooperative enterprise between the U. S. Geological Survey, State of Idaho, and the Snake River water users. The first two parties contributed an amount of money that would normally have been spent on stream gaging work in the District and the balance of the expenses, directly chargeable to water distribution, were paid by the water users.

There were no unusual difficulties experienced in water distribution during the year. The supply of irrigation water was ample and 940,000 acre-ft. still remained in the reservoirs at the close of the season on September 30, 1942.

The advice and cooperation of your Department and of the Committee of Nine have been greatly appreciated. Thanks are also due to the U. S. Bureau of Reclamation and its employees, to the canal companies, deputy watermasters, hydrographers, river riders, etc., and particularly to W. V. Iorns and Charlotte M. Elg for their capable assistance in the preparation of this report.

Very truly yours,

LYNN CRANDALL

Watermaster.



## C O N T E N T S

	<u>Page</u>
Introduction	1
Personnel	3
Snow Surveys	4
Regulation Schedule	10
Water Supply	12
Transfers and exchanges	14
Litigation	16
Canal deliveries	17
Seasonal diversions by Snake River canals	18
River data	23
Stored water deliveries	25
River losses and gains, Snake River	30
Distribution on Henrys Fork	33
Seasonal diversions by Henrys Fork canals	38
River losses and gains, Henrys Fork	41
Regulation in Teton Basin	43
Distribution in Swan Valley section	51
Climatological data	51
Expenditures	53



## PLATES

(All Plates will be found at end of the report following the text)

- plate 1 Map showing gaging stations in District No. 36.
- " 2 Jackson Lake hydrographs.
- " 3 American Falls Reservoir hydrographs.
- " 4 Annual run-off Snake River at Neeley, Idaho.
- " 5 Annual run-off Snake River at Moran, Wyo.
- " 6 Daily discharge of Snake River canals, May, 1942.
- " 7 Daily discharge of Snake River canals, June, 1942.
- " 8 Daily discharge of Snake River canals, July, 1942.
- " 9 Daily discharge of Snake River canals, Aug. 1942.
- " 10 Daily discharge of Snake River canals, Sept. 1942.
- " 11 Daily inflow to American Falls Reservoir, 1942.
- " 12-13 Daily summary of data at and between Snake River  
gaging stations, 1942.
- " 14 Daily storage diversions by Snake River canals, 1942.
- " 15 Time interval between gaging stations on Snake River.
- " 16 Daily discharge of Henrys Fork canals, May, 1942.
- " 17 Daily discharge of Henrys Fork canals, June, 1942.
- " 18 Daily discharge of Henrys Fork canals, July, 1942.
- " 19 Daily discharge of Henrys Fork canals, Aug. 1942.
- " 20 Daily discharge of Henrys Fork canals, Sept. 1942.
- " 21 Daily segregation of flow Henrys Fork stations, 1942.
- " 22 Daily storage diversions by Henrys Fork canals, 1942.
- " 23 Diversions in Teton Basin & Swan Valley
- " 24 Jackson Lake Reservoir, Moran, Wyo.
- " 25 Snake River at Moran, Wyo.
- " 26 Snake River near Heise, Idaho.
- " 27 Snake River at Shelley, Idaho.
- " 28 Blackfoot River near Blackfoot, Idaho.
- " 29 Snake River at Cloughs Ranch near Blackfoot, Idaho.
- " 30 American Falls Reservoir, American Falls, Idaho.
- " 31 Snake River at Neeley, Idaho.
- " 32 Lake Walcott near Minidoka, Idaho.
- " 33 North Side Minidoka Canal near Minidoka, Idaho.
- " 34 South Side Minidoka Canal near Minidoka, Idaho.
- " 35 Snake River near Minidoka, Idaho.
- " 36 Lake Milner at Milner, Idaho.
- " 37 P. A. Lateral near Milner, Idaho.
- " 38 Milner Low Lift Canal near Milner, Idaho.
- " 39 Gooding Project in Gooding Canal near Milner, Idaho
- " 40 Gooding below North Side Diversion.
- " 41 North Side Canal Project in Gooding Canal near Milner, Idaho.
- " 42 North Side Twin Falls canal at Milner, Idaho.
- " 43 South Side Twin Falls canal at Milner, Idaho.
- " 44 Snake River at Milner, Idaho.
- " 45 Henrys Lake near Lake, Idaho.



plates - continued.

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|----------|--|
| plate 46 | Henrys Fork near Lake, Idaho.                  |
| " 47     | Island Park Reservoir near Island Park, Idaho. |
| " 48     | Henrys Fork near Island Park, Idaho.           |
| " 49     | Henrys Fork at Warm River, Idaho.              |
| " 50     | Henrys Fork near Ashton, Idaho.                |
| " 51     | Henrys Fork at St. Anthony, Idaho.             |
| " 52     | Henrys Fork near Rexburg, Idaho.               |
| " 53     | Grassy Lake Reservoir near Moran, Wyoming.     |
| " 54     | Grassy Lake Outlet near Moran, Wyoming.        |
| " 55     | Fall River near Squirrel, Idaho.               |
| " 56     | Fall River near Chester, Idaho.                |
| " 57     | Teton River near Tetonia, Idaho.               |
| " 58     | Teton River near St. Anthony, Idaho.           |
| " 59     | Portneuf River at Pocatello, Idaho.            |



## INTRODUCTION

At the annual watermaster election of District No. 36 held on March 2, 1942, at Idaho Falls, 52 canals with 34,136 sec.-ft. of decreed rights were represented. Lynn Grandall was elected as watermaster for the ensuing year and the following were selected as members of the Committee of Nine:

F. A. Miller, Chairman; E. H. Neal, Vice-Chairman, E. A. Brookman, John E. Kelley, Eph Ricks, Hyrum Severson, N. V. Sharp, R. E. Shepherd, and A. E. Stanger.

Advisory members: S. R. Marean for Bureau of Reclamation, and F. C. Gillette for Teton Basin; John Lee, Secretary.

The schedule of stored water transmission losses in effect for several years past was again approved for 1942 as follows:  $2\frac{1}{2}\%$  Moran to Heise; 4.4% Heise to Lorenzo; 0.5% Lorenzo to Shelley; 6% Shelley to Blackfoot; 4% Henrys Lake to Island Park; 2% Island Park to Warm River; 0.5% Warm River to Ashton.

The budget adopted at the meeting authorized expenditures of \$23,817.50 during the year beginning April 1, 1942, and the apportionment of a year's costs at the close of the 1942 irrigation season among all users in proportion to the amount of water diverted during the 1942 irrigation season. For this purpose the irrigation season was to be considered as beginning on April 15 in the lower valley, May 1 in the upper valley, and May 15 in the headwater areas, Teton Basin, Island Park, and Swan Valley.

At the time of the annual water meeting early in March, the snow fall on the upper watershed was about 90% of normal. Due to deficient March precipitation this decreased to about 80% by April 1st. With



normal April precipitation and very heavy May precipitation, the actual run-off of Snake River at the Heise station for the year ending September 30, 1942, was 89% of normal compared to only 76% during the preceding year.

There was no shortage of water supply during 1942 under any canals that could be supplied with stored water, as a considerable surplus of storage was available for rent to canals needing same. At the close of the 1942 season all reservoirs held more water than they did a year previous, and the aggregate holdover of 940,580 acre-ft. was the greatest since 1938.

American Falls Reservoir filled on April 16, 1942, and remained above its rated capacity of 1,700,000 acre-ft. until June 7.

In addition to filling American Falls Reservoir there were about 499,000 acre-ft. wasted past Milner in excess of Idaho Power Company rights, largely due to the heavy May precipitation that increased the river flow and reduced irrigation demand.

Jackson Lake filled on June 24 by reason of retaining natural flow there belonging to prior rights below American Falls. After deducting such credits the Jackson Lake water available for allotment to the Jackson Lake rights amounted to 811,160 acre-ft.

Island Park and Grassy Lake Reservoirs filled to capacity while water was still being spilled to waste past Milner. Henrys Lake reached its highest level of 66,860 acre-ft. on July 16-17, of which 55,770 acre-ft. were allotted to Henrys Lake rights.

Total storage diversions during 1942 amounted to 1,894,003 acre-ft. not including 28,727 acre-ft. of primary stored water carried past Milner by the Idaho Power Company for use at downstream power plants.



Regulation began on June 3 but it was July 14 before the river dropped to where there was no natural flow to be carried past Blackfoot to fill the earliest lower valley priority of October 11, 1900. The river continued to drop at a fairly steady rate until September 10 when 80% of the May 11, 1889 rights were being filled. General rains in the upper valley September 12-13 reduced the demand and increased the stream flow so that some of the 1905 rights were restored. Upper valley canals resumed irrigation at an increased rate about September 26 and on this account it was then necessary to cut off the 1891 rights until the end of September when storage deliveries were terminated and regulation discontinued.

The Bureau of Reclamation completed its field examination of the Palisade Reservoir and damsite, consisting of surveys of the area to be flooded, diamond drill explorations, and search for materials suitable for the embankment and concrete aggregate. The Bureau is still continuing its study of possible methods of water conservation on the River so as to provide a greater and more certain water supply for the proposed Reservoir.

#### PERSONNEL

The persons engaged in water distribution during 1942 were as follows:

Lynn Crandall	Watermaster & Deputy Comm. of Reclamation.
W. V. Iorns	Assoc. Engineer & Deputy Watermaster.
Melvin Luke	Deputy Watermaster & Hydrographer at St. Anthony.
I. V. Goslin	Hydrographer.
F. W. Tolles	Hydrographer.
Charlotte M. Elg	Clerk.
Oleen Dummer	Deputy Watermaster & Hydrographer, Teton Basin.
D. W. Archibald	Deputy Watermaster, Henrys Fork.
J. Bohi	Deputy Watermaster, Lower Teton River.
Walter C. Lenz	Deputy Watermaster, Upper Fall River.
D. R. Crystal	Deputy Watermaster, Heise Division.
H. M. Bramwell	Deputy Watermaster, Rigby Division.



Paul Koller	Deputy Watermaster, Idaho Falls Division.
Eugene Liljenquist	Deputy Watermaster, Blackfoot Division.
G. S. Gilham	Deputy Watermaster, Milner Dam.
F. S. Thomas	Deputy Watermaster, Swan Valley Division
S. R. Marean	Supt. Minidoka Project, Bureau of Reclamation.
A. W. Heath	Supt. Am. Falls Res., " " "
Glenn Simmons	Supt. Jackson Lake, " " "
S. Geo. Pilcher	Supt. Island Park Res., " " "
E. A. Harris and	Supt. Grassy Lake, " " "
J. J. Taylor	

Gage readers: H. T. Young, Mrs. Levi Stone, Seth Hansen, Mrs. Irvin Siepert, James Fugal, J. F. Johnson, D. R. Anthony, J. A. Clough, T. E. Culley, A. J. Ayers, D. O. Rawson, S. P. Sorensen, and V. R. Pugmire.

### SNOW SURVEYS

Records of the snow measurements on the Jackson Lake watershed as made by the Bureau of Reclamation from 1919 to date are given in the following table.

Table showing average snow depth and water content in inches on Jackson Lake watershed  
(Observations made 14-21st of each month)

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	49	9.6	54	13.8	74	21.5	70	23.0
1921			63	17.9	65	20.6	56	21.3
1922	54	14.2	72	18.2	73	22.0	64	23.4
1923	43	11.3	51	15.6	64	20.7	54	23.0
1924	44	10.8	47	13.5	51	15.8	48	17.7
1925	50	12.8	66	24.0	75	25.9	50	21.9
1926	32	9.0	52	14.0	49	16.6	40	15.6
1927	66	18.5	75	27.0	82	33.0	85	36.0
1928	58	18.0	59	20.4	69	23.8	80	31.5
1929	37	8.8	60	16.5	61	20.2	62	22.0
1930	36	8.3	49	13.5	53	16.8	27	11.7
1931	25	5.2	30	6.2	35	8.4	27	8.9
1932	47	12.1	64	20.0	69	24.0	61	25.0
1933	46	10.8	67	18.8	67	21.6	62	24.0
1934	36	8.5	35	12.9	40	15.3	33	15.7
1935	51	12.2	46	14.3	52	17.9	60	23.8
1936	61	13.8	77	23.1	82	29.9	75	32.0
1937	39	8.4	60	16.2	60	19.7	61	24.3
1938	42	11.3	61	18.9	65	22.5	67	27.7
1939	46	11.6	69	20.4	74	24.0	42	19.1



<u>Year</u>	<u>January</u>		<u>February</u>		<u>March</u>		<u>April</u>	
	<u>Snow</u>	<u>water</u>	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>
1940	28	6.3	43	11.3	55	18.5	40	17.6
1941	43	11.2	53	15.3	49	15.8	34	13.5
1942	35	9.6	50	14.5	53	16.6	35	14.1
Average, inches	44	10.9	56	16.6	61	20.3	53	21.3

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

The water content on the Jackson Lake watershed as a percent of average was as follows: January 88%, February 87%, March 82%, April 66%. Part of the low content in April was due to melting that evidently occurred between the March and April surveys. The heavy precipitation, far above normal, that occurred during the snow melting month of May doubtless was mainly responsible for the annual run-off at Moran for 1942 being 87% of normal, or about 5% greater than the March snow survey percentage.

The results of snow measurements by the Bureau of Reclamation on the Buffalo River watershed are shown in the following table. Buffalo River, which enters Snake River about six miles below Moran, drains a region of high elevation and is one of the last of the Snake River tributaries to reach its peak flow each year.

Table showing average snow depths and water content in inches on Buffalo River watershed

<u>Year</u>	<u>Feb. 1-6</u>		<u>Mar. 23-29</u>	
	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>
1924	40	11.2		
1925	48	13.6		
1926	42	11.5		
1927	43	11.9		
1928	44	12.4		
1929	38	10.2		
1930	41	10.5		



<u>Year</u>	<u>Feb. 1-6</u>		<u>Mar. 23-29</u>	
	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>
1931	17	4.0		
1932	35	9.1		
1933	34	10.0		
1934	27	7.8		
1935	40	11.0		
1936	46	11.9	61	21.0
1937	33	8.4	45	13.8
1938	50	13.0	62	19.4
1939	45	12.2	52	17.3
1940	29	6.3	40	12.0
1941	36	9.3	46	14.6
1942	38	9.4	48	13.4
Average inches	38	10.2	51	15.8

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

The 1942 snow survey on the Buffalo River watershed showed 92% of normal in February and 85% late in March.

Beginning with 1936 snow surveys have been made available by the Irrigation Division, Soil Conservation Service, Department of Agriculture in cooperation with the Forest Service, Bureau of Reclamation, National Park Service and State of Idaho. Results of such measurements at the principal stations on the upper Snake River drainage are as follows:

<u>Station</u>	<u>Depth in Inches</u>									
	<u>Last of</u>		<u>Last of</u>		<u>Last of</u>		<u>Last of</u>		<u>Last of</u>	
	<u>Dec.</u>		<u>Jan.</u>		<u>Feb.</u>		<u>Mar.</u>		<u>April</u>	
	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>
Island Park (Henrys Fk.)										
1936 Season	21	4.2	41	11.0	54	15.6	50	16.0		
1937 "	25	3.0	44	9.0	51	14.6	48	14.5	33	12.0
1938 "	26	5.9	37	8.2	48	11.9	64	19.5	18	7.6
1939 "	24	4.9	48	10.1	53	14.4	33	11.2		
1940 "	10	1.0	27	5.1	41	10.8	35	11.7		
1941 "	28	4.1	38	8.4	40	10.3	32	9.6		
1942 "	29	4.9	42	9.7	47	12.5	41	13.1		
Average	23	4.0	40	8.8	48	12.9	43	13.7		



Station	Last of Dec.		Last of Jan.		Last of Feb.		Last of Mar.		Last of April	
	Snow	Water	Snow	Water	Snow	Water	Snow	Water	Snow	Water
<u>Big Springs (Henrys Fk.)</u>										
1936 Season	24	5.5	54	15.6	65	21.8	70	23.3		
1937 "	26	3.4	52	10.5	63	17.6	59	20.2	41	17.3
1938 "	28	6.4	40	9.6	53	14.7	72	23.3	32	12.0
1939 "	31	7.8	48	11.4	60	18.3	50	17.8		
1940 "	11	1.1	27	6.1	46	11.9	41	14.0		
1941 "	34	6.0	46	11.2	47	13.0	45	14.2		
1942 "	30	5.1	47	10.4	55	15.4	48	16.0		
Average	26	5.1	45	10.7	56	16.1	55	18.4		

Valley View Ranch (Henrys Fk.)

1936 Season	22	5.0	-	-	-	-	58	19.8		
1937 "	23	3.1	-	-	-	-	47	13.8	31	12.2
1938 "	-	-	-	-	-	-	62	20.0	30	12.5
1939 "	22	3.8	-	-	-	-	40	12.2		
1940 "	8	0.7	21	4.0	33	7.8	31	10.1		
1941 "	30	2.9	-	-	-	-	32	9.3		
1942 "	21	4.0	-	-	-	-	38	10.9		
Average	21	3.5	-	-	-	-	44	13.7		

Grassy Lake (Fall R.)

1940 Season	34	13.3	50	21.5	78	32.6	66	33.0		
1941 "	61	18.2	72	23.7	75	27.5	64	23.9	56	28.6
1942 "	-	-	52	16.9	71	23.6	66	23.9	45	20.8
Average	48	15.8	58	20.7	75	27.9	65	26.9	50	24.7

Bechler Ranger Sta. (Fall R.)

1936 Season	40	9.6	71	20.6	87	29.1	87	31.0		
1937 "	26	4.5	59	13.1	72	22.3	68	24.8		
1938 "	32	8.2	52	14.0	59	18.9	91	29.4		
1939 "	39	10.0	69	17.2	85	25.1	57	24.4	18	8.3
1940 "	31	6.0	43	12.8	56	18.0	63	25.0	31	15.8
1941 "	42	9.4	58	15.3	59	18.8	46	16.4		
1942 "	30	6.9	46	12.4	62	18.3	57	20.2	25	9.7
Average	34	7.8	57	15.1	69	21.5	67	24.5	25	11.3

Teton Pass (Teton R.)

1936 Season	28	7.4	74	19.6	100	32.0	116	37.0		
1937 "	-	-	41	11.4	62	20.0	72	24.2		
1938 "	33	9.0	-	-	69	25.4	97	34.6		
1939 "	49	13.2	55	16.0	78	26.4	77	28.6		
1940 "	14	1.0	48	11.0	61	16.6	63	22.2		
1941 "	41	9.2	51	11.8	57	15.2	56	18.4		
1942 "	33	7.8	45	14.0	58	18.8	63	21.4		
Average	33	7.9	52	13.9	69	22.1	78	26.6		



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
<u>State Line (Teton R.)</u>										
1936 Season	21	4.0	49	11.4	66	21.0	75	28.0		
1937 "	-	-	32	8.1	45	12.6	42	15.0		
1938 "	15	2.0	-	-	41	12.9	56	20.1		
1939 "	31	6.1	34	7.1	46	12.1	35	12.8		
1940 "	6	0.4	31	5.2	36	8.6	27	10.1		
1941 "	30	5.0	36	7.3	42	10.1	30	9.7		
1942 "	24	4.0	33	9.1	39	12.0	39	12.4		
Average	21	3.6	36	8.0	45	12.7	43	15.5		

East Rim (Hoback R.)

1936 Season	10	1.7	-	-	-	-	62	22.6		
1937 "	17	2.8	-	-	-	-	38	12.2	35	12.9
1938 "	19	4.0	-	-	-	-	45	13.2	20	6.6
1939 "	23	4.9	-	-	-	-	33	7.2	-	-
1940 "	-	-	-	-	-	-	25	7.0	24	6.0
1941 "	-	-	-	-	34	10.4	32	11.0	-	-
1942 "	-	-	-	-	32	7.0	32	7.9	-	-
Average	-	-	-	-	-	-	38	11.6	-	-

Bryan Flat (Hoback R.)

1936 Season	11	1.7	32	7.1	-	-	50	19.5		
1937 "	14	2.3	19	4.9	33	8.1	30	10.2	14	5.6
1938 "	13	2.8	21	5.5	26	6.7	39	11.4	0	0
1939 "	17	3.9	30	6.6	31	8.4	24	8.0		
1940 "	4	0.3	20	4.6	19	6.5	16	4.3		
1941 "	24	5.3	26	5.8	33	9.5	23	9.0		
1942 "	19	3.2	23	5.2	29	5.4	28	7.4		
Average	15	2.8	24	5.7	28	7.4	30	10.0		

Yellowjacket (Gros Ventre R.)

1936 Season	8	1.0	20	2.9	-	10.0	38	11.3		
1937 "	9	1.2	13	2.3	22	4.3	20	6.4	10	2.9
1938 "	12	2.8	16	3.2	21	4.2	31	7.5	0	0
1939 "	16	2.6	20	3.9	26	5.2	19	5.1		
1941 "	-	-	19	3.3	-	-	23	5.1		
1942 "	-	-	-	-	-	-	21	4.3		
Average	11	1.9	18	3.1	23	5.9	25	6.6		

Grover Park Divide (Salt River)

1936 Season	-	-	46	12.6	46	15.8	69	19.6		
1937 "	23	4.1	24	4.5	36	10.8	36	11.4		
1938 "	16	4.2	25	5.6	25	7.9	42	12.4		
1939 "	-	-	23	6.4	36	9.4	20	7.6		
1940 "	-	-	26	6.6	31	9.9	25	9.8		
1941 "	27	4.6	30	7.0	31	9.1	21	8.0		
1942 "	-	-	26	5.2	31	8.5	28	8.8		
Average	22	4.3	29	6.8	34	10.2	34	11.1		



Station	Last of Dec.		Last of Jan.		Last of Feb.		Last of Mar.	
	Snow	Water	Snow	Water	Snow	Water	Snow	Water
<u>CCC Camp FF12 (Salt River)</u>								
1936 Season	-	-	35	10.7	53	17.1	65	22.7
1937 "	17	3.5	22	4.4	36	9.2	35	12.3
1938 "	18	4.4	30	6.7	32	8.4	43	13.2
1939 "	-	-	29	5.7	36	10.1	21	7.8
1940 "	-	-	26	5.9	27	8.8	22	8.4
1941 "	23	4.4	25	6.6	31	8.1	23	8.2
1942 "	-	-	24	4.5	29	6.8	26	7.2
Average	19	4.1	27	6.4	35	9.8	34	11.4

<u>Afton Ranger Sta. (Salt River)</u>								
1936 Season	-	-	28	8.0	26	10.2	24	9.8
1937 "	11	2.4	13	2.4	19	4.5	7	2.9
1938 "	7	1.3	11	2.3	10	2.9	0	0
1939 "	-	-	23	3.7	25	6.2	0	0
1940 "	-	-	15	2.8	9	2.8	0	0
1941 "	14	2.5	16	4.0	15	4.6	0	0
1942 "	-	-	15	3.3	19	4.0	0	0
Average	11	2.1	17	3.8	18	5.0	4	1.8

<u>Somsen's Ranch (Greys Lake)</u>								
1936 Season	-	-	-	-	51	16.5	64	20.7
1937 "	-	-	28	5.6	37	10.7	36	12.0
1938 "	-	-	25	5.4	29	7.6	40	12.6
1939 "	-	-	33	6.2	38	9.8	15	5.5
1940 "	-	-	24	5.0	26	7.8	19	6.9
1941 "	-	-	27	6.0	31	8.3	26	7.9
1942 "	-	-	29	6.8	33	9.1	33	9.5
Average	-	-	28	5.8	35	10.0	33	10.7

<u>Deadman Ranch (Greys R.)</u>								
1936 Season	-	-	36	9.6	58	19.1	77	24.8
1937 "	15	2.5	24	5.1	37	9.3	32	9.4
1938 "	13	2.5	24	4.9	26	7.6	35	10.5
1939 "	28	4.1	36	6.6	36	9.4	T	T
1940 "	T	T	22	3.4	20	3.1	-	-
1941 "	29	5.9	29	8.0	31	10.7	20	8.0
1942 "	19	2.0	24	3.8	31	5.8	29	6.7
Average	17	2.8	28	5.9	34	9.3	32	9.9

<u>Greys Boundary (Greys River)</u>								
1936 Season	-	-	38	9.3	46	15.0	50	18.9
1937 "	-	-	25	3.0	40	10.3	31	11.6
1938 "	16	3.9	29	6.9	29	8.6	32	12.4
1939 "	-	-	41	8.0	44	13.3	23	7.6
1940 "	-	-	29	7.2	28	9.5	14	6.1
1941 "	-	-	26	5.6	28	8.9	16	5.9
1942 "	24	4.1	26	5.9	36	8.1	31	8.9
Average	20	4.0	31	6.6	36	10.5	28	10.2



These snow surveys at the end of March indicated a water content ranging from 65% to 95%, with a mean of about 80%, of the average for the past 7 years. The heavy precipitation during May, however, added considerably to the run-off so that it actually proved to be from 5% to 10% greater than indicated by the snow supply on March 31.

#### REGULATION SCHEDULE

The following schedule shows the priorities being filled during 1942. On Teton river rights were cut to still earlier priorities from July 28 to September 13 due to the Teton river supply being inadequate to fill rights to as late a date as were being filled on the main river. There were also a few days about the middle of July when the supply in Henrys Fork and Fall River was insufficient to fill rights to the same priority dates in effect on Snake River.

When the rights were cut to priorities earlier than Oct. 11, 1900, the schedule applies only to canals above Blackfoot as at such times no natural flow from the upper valley is delivered past the lowest canal heading near Blackfoot. With the river dry at Blackfoot the downstream inflow is sufficient to produce a flow at Neeley in excess of 2500 sec.-ft. which is delivered to the Oct. 11, 1900, rights at Milner. Actual normal flow being delivered daily to lower valley canals is shown on Plates 12-13.

#### 1942 REGULATION SCHEDULE

June 3	Mar. 30, 1921 rights partly filled.
" 5	Filled part of May 20, 1912 right.
" 9	Filled 1916 rights.
" 11	Partly filled Mar. 30, 1921 right.
" 17	Partly filled May 24, 1913 right.
" 25	Cut off rights later than 1905
" 29	Partly filled May 24, 1913 right.



July	2	Cut off rights later than Aug. 6, 1908.
"	3	Cut off rights later than Oct. 6, 1905.
"	13	Cut off rights later than Oct. 11, 1900
"	14	Cut off 1897 rights.
"	15	Cut off June 1, 1895 rights.
"	20	Filled 90% Feb. 6, 1895 right.
"	21	Filled 40% Feb. 6, 1895 right.
"	22	Cut off all 1895 rights.
"	23	Filled 25% Aug. 18, 1894 right.
"	24	Cut off June 1, 1892 rights.
"	25	Cut off all 1892 rights.
"	26	Filled 50% Dec. 14, 1891 right.
"	27	Filled 25% Dec. 14, 1891 right.
"	28	Cut off Dec. 14, 1891 rights.
"	29	Cut off June 1, 1891 rights.
"	31	Filled 50% Jan. 24, 1891 right.
Aug.	1	Filled 25% Jan. 24, 1891 right.
"	4	Cut off all 1891 rights.
"	5	Cut off Oct. 16, 1890 rights.
"	8	Filled 50% July 12, 1890 right.
"	9	Filled 50% June 10, 1890 right.
"	10	Cut off June 10, 1890 right.
"	19	Filled 50% June 10, 1890 right.
"	22	Cut off June 10, 1890 right.
"	25	Cut off June 1, 1890 rights.
"	27	Cut off all 1890 rights.
"	31	Filled 25% July 10, 1889 right.
Sept.	2	Cut off July 10, 1889 right.
"	4	Filled 50% June 1, 1889 right.
"	9	Filled 25% June 1, 1889 right.
"	10	Filled 80% May 11, 1889 right.
"	12	Restored all 1889 rights.
"	13	Restored 1891 rights.
"	14	Restored June 16, 1900 rights.
"	16	Partly filled Oct. 7, 1905 rights.
"	25	Cut off rights later than Feb. 6, 1895.
"	26	Cut off 1891 rights.
"	30	Discontinued regulation.

After regulation was discontinued on Sept. 30, 1942, and storage deliveries ceased from Jackson Lake, the natural flow was sufficient to fill needs for stock water, fall irrigation, etc. The demand for labor to harvest the crops at that time was so great that very little irrigation water was applied after Oct. 1, except to water beets preparatory to digging. Jackson Lake gates were closed on Oct. 6, 1942, and storage began for the 1943 season. Storage at Grassy Lake began on Oct. 7, 1942, at Henrys Lake on Sept. 23, and at Island Park on Nov. 15, 1942.



WATER SUPPLY

Run-off at several measuring stations in various parts of the District during the year ending Sept. 30, 1942, was as follows:

<u>Station</u>	<u>1942 run-off (acre-ft.)</u>	<u>Average run-off (acre-ft.)</u>	<u>Years of record</u>	<u>1942 per- cent of average</u>
Snake R. at Moran	886,800	1,023,000	39	87
Snake R. at Heise	4,314,000	4,849,000	32	89
Snake R. at Neeley	4,252,000	5,684,000	46	75
Hen. Fk. at Warm R.	667,200	712,000	28	94
Hen. Fk. nr. Rexburg	1,145,000	1,376,000	34	83
Fall R. nr. Squirrel	480,100	532,000	29	90
Teton R. nr. St. Anthony	553,900	523,000	15	107

The run-off at Moran and Heise has been corrected for Jackson Lake holdovers, at Neeley for Am. Falls holdovers, at Warm River for Henrys Lake and Island Park holdovers, at Rexburg for Henrys Lake, Island Park, and Grassy Lake holdovers, at Squirrel for Grassy Lake holdovers, and at St. Anthony for Cross-Cut Canal discharge into Teton R.

The run-off at these stations was about 12% greater than during 1941, and was in excess of normal on Teton River. Ordinarily no serious damage from water shortage is suffered on Snake River under existing conditions in any year when the run-off at Heise is in excess of 75% of normal. Some canals may be short of storage at times but are usually able to rent what additional water is needed except in the very dry years. In most years a rainy spell occurs in the upper valley sometime during August or September, greatly reducing the demand and averting what in some years would have been a water shortage.

In the present contract for lease of the Government owned space of 433,593 acre-ft. in American Falls Reservoir, the Government has reserved the right to withhold up to 100,000 acre-ft. of such space by giving notice on or before January 1st of any year of its intention to withhold such water for the ensuing season. If the Government exercises



this right it will be possible for the United States to dispose of such withheld water in whole or part by rental to those canals and individuals who are chronically short of water and who, at times in the past, have been unable to find sufficient water offered for rent. While this is a vital matter to the particular individuals or canals who now own no storage rights or rights of inadequate amount, the quantity of water ordinarily required to fill these needs is relatively small, not over 1% or 2% of the annual irrigation diversions in District 36. Many of these users are located on the headwater areas and did not buy storage water when American Falls Reservoir was built because their use of water was not strictly regulated at that time. Recent years of sub-normal run-off and development of crops requiring more late water have also been contributing factors to a greater demand for storage.

Water that spilled to waste past Milner in excess of Idaho Power Company rights during the year ending Sept. 30, 1942, amounted to 499,000 acre-ft. Of this, 43,000 acre-ft. were wasted during Oct.-Nov. 1941 as a result of draining Lake Walcott to install a new power unit, 110,000 acre-ft. were wasted during Jan. 1 to April 15, principally on account of fear of ice damage at American Falls dam, and 346,000 acre-ft. were spilled after American Falls reservoir filled on April 16.

The peak flow at Heise occurred on June 10 and amounted to 19,100 sec.-ft. About 7,000 sec.-ft. were being stored in Jackson Lake at that time and except for such storage the Heise peak would have been 26,000 sec.-ft.

The important part played by stored water on Snake River is evidenced by the diversion and use of 1,922,730 acre-ft. of storage



during the irrigation season of 1942.

Run-off at the Moran and Neeley stations for past years of records is shown on Plates 4 and 5.

The net result of the available supply and use is given by the combined reservoir holdovers at the close of each irrigation season. Such holdovers on Sept. 30 for several years past are shown in the following table:

Holdovers on Sept. 30, in Acre-feet.

	<u>1942</u>	<u>1941</u>	<u>1940</u>	<u>1939</u>	<u>1938</u>
American Falls	410,360	319,800	264,380	252,050	684,720
Jackson Lake	321,330	226,110	166,350	313,170	398,710
Lake Walcott	93,550	18,850	-900	76,770	79,480
Henry's Lake	43,810	38,900	36,500	49,200	25,100
Island Park	60,620	39,230	17,050	52,700	0
Grassy Lake	10,910	8,170	520	0	0
Total	940,580	651,060	483,900	743,890	1,188,010

In studying the foregoing holdovers it must be remembered that some companies have followed the practice of keeping all unused storage as holdover water, while others have been unable to find anyone who would rent them all they needed at times. During August of 1940 for example, there was a demand for more storage than was offered for rent, yet the irrigation season closed that year with nearly 1/2 million acre-ft. left in the reservoirs. This practice of hoarding water for holdover is largely the result of sad experience during the dry cycle from 1931 to 1935, although rains late in the season often result in holdover storage that would otherwise have been used.

TRANSFERS AND EXCHANGES

The following permanent transfers were authorized by the State Dept. of Reclamation during the year:



- Transfer No. 635 - Garden Water Co., 9.4 sec.-ft. of June 1, 1896 priority from Darby Creek transferred from Garden Water Co. Canal to Cherry Grove Canal.
- Transfer No. 636 - Island Irrigation Co., 4.0 sec.-ft. of June 1, 1891 priority transferred from Island Canal, 2.0 sec.-ft. of same being transferred to Great Western Canal and 2.0 sec.-ft. being abandoned to Snake River to compensate other users for less return flow from the new place of use.
- Transfer No. 637 - Federal Farm Mortgage Corp., 2.53 sec.-ft. Aug. 13, 1888, 0.76 sec.-ft. June 1, 1889, 0.35 sec.-ft. June 1, 1900, and 0.92 sec.-ft. June 1, 1905, transferred from Rudy Canal to Great Western Canal.
- Transfer No. 641 - A. & H. T. Moss, 0.8 sec.-ft. June 1, 1885 transferred from Steele Canal to Farmers Friend Canal.

At the year end three other transfers were pending, involving the right of stockholders in incorporated canal companies to transfer their share of the Company's water rights out of the canal over the protest of the Company directors and other stockholders.

During the latter part of the summer there were a few temporary transfers between nearby ditches where landowners had rights in both ditches.

After the 1898 rights were cut there were a few instances where canals that had lost part of their rights shut dry and received credit for 90% of their valid rights at such times by trading same to other upper valley canals as storage. Due to better water supply in 1942 than for several years past water so accumulated amounted to less than 4,000 acre-ft., as nearly all the canals had a sufficient supply of storage to run continuously.



LITIGATION

The Federal Farm Mortgage Corporation, in an uncontested suit against Lynn Crandall, Watermaster, and E. V. Berg, Commissioner of Reclamation, was awarded a decree in the Idaho District Court for 5.6 sec.-ft. of April 1, 1894 priority for diversion through the Pratt Ditch from Teton Creek. The land is in Idaho but the ditch diverts in Wyoming and waters land in Wyoming as well as the Idaho land. The land owned by the Plaintiff has been supplied with water for many years through the Pratt Ditch and held a ditch right in that Ditch, but the Idaho land was not described in the Wyoming water filing for the Pratt ditch as the State Engineer of Wyoming refused to accept water filings to be used on Idaho lands. Under the Wyoming Federal Court decree of February 6, 1941, dividing the waters of Teton Creek between Wyoming and Idaho users the land in question appeared to be entitled to no water at all as it held no adjudicated right of record in either state. Being unable to acquire a water right in Wyoming the landowner was obliged to have its right adjudicated in Idaho:

Burton L. Gardner, in a suit against the Watermaster in the District Court, under the Summary decree statute, was awarded a right of 1.8 sec.-ft. of June 1, 1903 priority for use on lands adjoining the Lowder Slough near Ririe. This land, according to the testimony, has been irrigated since 1903 by a ditch picking up seepage and waste water from Lowder Slough but being located in the brush at some distance from any road it was overlooked at the time of the Rexburg decree and was not discovered by the watermaster until 1941.

The case of C. E. Carrington and Eleanore Patterson vs. Lynn Crandall and waterusers on Mahogany Creek in Teton County was tried



during November 1942. This is a controversy over distribution of water and the ownership of water rights on Mahogany Creek and is only of local interest. Decree had not been rendered at the time of writing this report.

A summary decree was awarded Royal J. Sorensen for 25.73 sec.-ft. of October 3, 1904 priority of the waters of Henrys Fork in an uncontested action against the watermaster. This water has been used on the former Cartier ranch for the irrigation of pasture and wild hay meadow lands along Henrys Fork for several miles below the bridge due west of Rexburg, but the owner, through oversight, was never made a party to the Rexburg decree.

#### CANAL DELIVERIES

Daily diversions from the main river between Heise and Blackfoot are shown on Plates 6 to 10 inclusive. Three of the canals are equipped with recording gages and the rest with staff gages. The canals were visited daily by the river riders from June 25 to Sept. 30. Readings prior to June 25 were made by the Canal Company employees supplemented by visits about once a week by District 36 hydrographers.

The collection of discharge records on these canals was continued after October 1, 1942, by the U. S. Bureau of Reclamation as part of its study of possible water conservation on the river.

Records of diversions by canals below American Falls for the entire year are shown on Plates 33 to 43 inclusive. Complete records are not kept of diversions by the many small ditches on the headwater areas. Part season records of diversions by the larger canals in Teton Basin and Swan Valley are shown on Plate 23.

The following tabulation shows the seasonal diversions and



irrigated acreage under the canals diverting from Snake River between Heise and Milner. Similar records for canals on Henrys Fork and tributaries are shown separately in the chapter covering distribution on Henrys Fork.

The figures on irrigated acreages in this table were furnished, in most instances, by the Secretary or Manager of the various canal companies. In a few cases where no information was supplied by the companies the figures were estimated by the watermaster from such information as was available.

The small irrigated areas in the Swan Valley section, spring creeks near Menan and spring creeks near Springfield, aggregating about 15,000 acres, are not included in this tabulation.

Diversions during 1942 Irrigation Season  
(Snake River Canals in downstream order from Heise)

Canal	Irr. season Diversions (acre-ft.)	Area under canal (acres)	Area irri- gated, 1942 (acres)	Diversions acre-ft. per acre
Riley	4,450	380	800	5.6
Anderson & Eagle Rock	218,000 (a)	31,597	31,597	6.9
Farmers Friend	87,000	10,300	10,100	8.6
Enterprise	32,600	5,000	5,000 (c)	6.5
Nelson	325	80	50	6.5
Mattson-Arnsberger	2,240	850	500	4.5
Ross & Rand	782	150	140	5.6
Butler Island	12,200	1,400	1,100	11.1
Steele	1,900	300	250	7.6
Harrison	101,000	12,000	12,000	8.4
Cheney	1,640	240	160	10.3
Rudy & Boomer	48,600	5,500	4,680	10.4
Kite & Nord	1,320	235	175	7.5
Burgess	193,000	21,000	20,000	9.6
Clark & Edwards	21,000	1,900	1,700	12.4
Lowder & Jennings	9,320	1,200	900	10.3
East Labelle	29,600	2,200	2,200	13.5
Sunnydell	27,200	3,660	3,600	7.6
Lenroot	29,300	3,800	3,800	7.7
Reid	36,500	5,500	5,200	7.0
Texas Feeder	62,000	8,500	7,000	8.9
Nelson-Corey	2,480	640	440	5.6



Canal	Irr. season Diversions (acre-ft.)	Area under canal (acres)	Area irri- gated, 1942 (acres)	Diversions acre-ft. per acre
Hill-Pettinger	853	210	160	5.3
Rigby	45,300	4,000	4,000	11.3
Dilts	6,190	640	560	11.0
Island	33,600	3,500	3,000	11.2
W. Labelle & Long Isl.	117,000	9,000	8,500	13.8
Parks & Lewisville	84,400	6,500	6,000	14.0
North Rigby	14,000	1,400	1,200	11.7
White	1,340	126	120	11.1
Ellis	772	120	100	7.7
Bramwell	1,760	400	200	8.8
Butte & Market Lake	65,700	18,000	17,000	3.9
Osgood	26,100	7,000	5,900	4.4
Bear Isl. & Smith	490	240	160	3.1
Idaho	252,000 (a)	35,482	35,482	7.1
Kennedy	10,400	2,230	1,950	5.3
Gt. Western & Porter	174,000	27,000	25,000	7.0
Coy & Kellar	206	60	60	3.4
Woodville	17,900	3,000	3,000	6.0
Snake River Valley	137,000 (a)	25,000	21,000	6.5
Reservation	182,430 (b)	60,000	33,880	5.4
Blackfoot	78,300	14,000	12,000	6.5
New Lava Side	32,800	6,000	5,500	6.0
Peoples	116,000	20,000	18,500	6.3
Aberdeen	297,000	61,500	61,000	4.9
Corbett	38,400	7,927	5,000	7.7
Nielsen-Hansen	2,640	500	450	5.9
Riverside	26,000	5,000	5,000	5.2
Danskin	48,200	6,000	6,000	8.0
Trego	14,000	1,700	1,400	10.0
Wearyrick	12,600	1,600	1,500	8.4
Watson	31,300	4,880	4,800	6.5
Parsons	6,390	800	800	8.0
North Minidoka	415,800	63,739	54,000	7.7
South Minidoka	293,500	55,200	52,000	5.6
N. S. Canal Co.	1,023,000	161,560	161,560	6.3
Twin Falls Canal	993,500	202,610	202,610	4.9
Milner Low Lift	45,010	9,033	9,033	5.0
Gooding	426,100	79,033	57,500	7.4
Total	5,994,438	1,021,922	937,317	6.4

(a) Received some additional water from Willow and Sand Creeks.

(b) 82,000 from Snake R., balance from Blackfoot R. and Sand Creek.

(c) About 1,900 acres of this supplied through Anderson & Eagle Rock Canals after July 20.

The irrigation season is taken as May to Sept. inclusive for upper valley canals and Apr. 15 to Sept. 30 for lower valley canals.



Total diversions were about 3% greater than in 1941. The increase is probably due to heavy water demands during June, July, and August when marked deficiencies in precipitation occurred.

Of the total diversions 53% were by lower valley canals and 57% by the canals from Heise to Blackfoot.

Lower valley canals used 1,366,417 acre-ft. of storage or 43% of their total diversions. Main river upper valley canals used 404,458 acre-ft. of storage or 14% of their total diversions. The effective value of the stored water was even greater than these percentages would indicate as it was used to mature the crops.

The Idaho Power Co. drew 28,727 acre-ft. of its primary storage past Milner during Aug.-Sept. 1942. So much water was spilled past Milner at intervals from Oct. 1, 1941 to June 1, 1942, that any distinction between Power Co. water and spill during that period would have to be arbitrary.

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

Diversions in Thousands of Acre-feet  
Heise to Blackfoot

<u>Year</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1933	226	756	674	527	387	2570
1934	548	359	399	275	211	1792
1935	276	684	662	445	326	2393
1936	489	619	677	520	420	2725
1937	392	600	658	520	361	2531
1938	356	680	628	592	465	2721
1939	585	620	691	564	393	2853
1940	548	630	594	462	289	2523
1941	444	618	648	492	434	2636
1942	314	684	720	588	391	2697
Average excluding 1934	403	655	664	525	385	2632



Diversions in Thousands of Acre-feet  
Henrys Fork and Tributaries  
 (excluding headwater creeks)

<u>Year</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1933	162	267	176	143	91	839
1934	166	117	86	48	42	459
1935	187	236	170	104	79	776
1936	218	217	178	138	106	857
1937	200	223	163	126	84	796
1938	185	238	180	159	119	881
1939	228	225	206	167	117	943
1940	230	213	182	136	92	853
1941	209	216	183	146	93	847
1942	151	243	211	176	103	884
Average excluding 1934	197	231	183	144	103	858

1939-42 figures are after deduction for water spilled  
 from Cross Cut Canal into Teton River.

Minidoka Project

<u>Year</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1933	70	129	165	171	164	110	809
1934	43	97	71	101	36	12	360
1935	33	101	147	172	154	107	714
1936	26	169	128	169	150	99	741
1937	18	145	130	176	156	96	721
1938	32	147	145	145	167	113	749
1939	77	164	130	165	159	97	792
1940	35	162	156	173	159	50	735
1941	20	152	125	169	148	90	704
1942	15	87	155	181	170	101	709
Average excluding 1934	36	139	142	169	158	96	740

North Side Canal Co. Project

1933	65	169	207	204	226	164	1035
1934	52	118	127	120	62	33	512
1935	15	151	194	212	161	100	833
1936	42	201	200	202	198	130	973
1937	40	176	185	228	218	126	973
1938	51	180	201	211	212	155	1010
1939	95	208	197	217	215	111	1043
1940	61	176	194	208	193	103	935
1941	67	186	172	206	194	110	935
1942	71	178	189	217	221	161	1037
Average excluding 1934	56	180	193	212	204	129	974



Twin Falls Project

<u>Year</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1933	85	197	201	218	223	162	1086
1934	129	167	154	175	191	124	940
1935	36	167	178	202	210	159	952
1936	54	209	195	219	219	142	1038
1937	57	191	179	217	216	144	1004
1938	55	186	187	198	215	167	1008
1939	126	208	195	215	221	150	1115
1940	70	191	201	220	220	126	1028
1941	101	194	174	209	214	138	1030
1942	82	175	177	212	216	149	1011
Average excluding 1934	74	191	188	212	217	148	1030

Gooding Project

1933	2	43	58	70	58	45	276
1934	31	59	58	65	59	40	312
1935	3	54	65	67	57	1	247
1936	2	66	73	83	69	39	332
1937	10	60	66	75	68	43	322
1938	3	39	61	76	74	63	316
1939	31	76	69	79	75	53	383
1940	18	71	82	91	83	57	402
1941	21	71	75	96	88	63	414
1942	18	77	78	96	90	67	426
Average excluding Sept. 1935	14	62	68	80	72	52	348

April diversions were below normal on the Minidoka project due to the canals not turning on as early as usual. On the other lower valley projects, however, they were above normal.

May diversions were below normal everywhere, except on the Gooding project, due to cold weather and abundant precipitation. June diversions were generally above normal except on the North Side and Twin Falls Projects, where a large acreage of beans may have affected the seasonal use of water. These beans require little water during June but make a heavy water demand during July and August.

July and August were characterized by a heavy demand for water in all parts of the District. The precipitation during those months in



the irrigated valley was negligible so the crops had to be irrigated continuously.

September water needs were about normal. The North Side and Gooding projects used more than usual that month, perhaps because they had substantial holdovers of storage and so didn't feel obligated to curtail their September use as much as in years of less abundant supply.

The total diversion for the season was somewhat below the past 10 year average on the Minidoka and Twin Falls projects. Elsewhere in the District the seasonal use was in excess of normal.

#### RIVER DATA

Segregation of stored and normal flow at the various river and canal stations is shown on Plates 12-13. The losses between river gaging stations as tabulated on these Plates were computed using the approved schedule of stored water transmission losses given on Page 1 of this report.

The standard procedure used in the past for segregation of stored water at the reservoir outlets and at the various measuring stations was continued during 1942. The methods are described in detail in the annual reports for 1940 and earlier years. During the periods July 15 to Sept. 14 and Sept. 26-30, when no natural flow was being carried past the lowest canal diversion near Blackfoot, the natural flow at Clough's was computed as 150 sec.-ft. plus inflow from Blackfoot River.

Prior to actual storage draft on the reservoirs the stored and normal flow quantities at the various river and canal stations as shown on Plates 12-13 were computed as if the exact amount of normal flow necessary to fill prior rights had been released daily from upstream reservoirs. The figures shown in these tabulations as minus storage



quantities represent the equivalent at the particular measuring station of natural flow adversely retained at upstream reservoirs, and is added to the actual flow at the station to get a computed normal flow which is used as the available supply for the normal flow deliveries. The daily segregation between normal flow and stored water diversions charged to the various canals is based on the computed normal flow that would have been in the river if no water was retained or diverted by junior upstream rights. In computing the seasonal totals of storage quantities at the various river measuring stations, the minus quantities are offset by the delivery of an equivalent aggregate amount of stored water later in the season.

Eleven sets of measurements of the spring creeks and wastewater channels flowing into American Falls Reservoir were made on the following dates: May 5-6, 22-23, June 8-9, 22-23, July 9-10, 17-18, 24-25, Aug. 5-6, 20-21, Sept. 17-18. Daily discharge of these springs does not vary much and was determined by interpolation between measurements. The unmeasured inflow was taken as about 1300 sec.-ft, which was increased somewhat during rainy periods. Approximately the same average result, except during floodwater periods on Portneuf River, would be obtained by using the Newell Formula, Unmeasured inflow = 840 sec.-ft. plus  $1/3$  measured inflow. Records of the principal wastes from the Aberdeen-Springfield project were supplied by the Project Manager, Mr. E. H. Neal.

The computed inflow between Clough's and Neeley as determined by these methods of computation is shown on Plate 11. The inflow is added to the daily normal flow at Clough's to get the daily normal flow at Neeley, which is used as the basis for normal flow deliveries at the Minidoka and Milner dams.



The gain from Neeley to Milner is considered as stored water for convenience in tabulation. It is credited to the Minidoka Project on days when that Project is drawing stored water at a rate in excess of the gain.

There were about 10,800 acre-ft. of natural flow delivered to the Gooding Project June 3-4, 10-16, after storage draft on American Falls Reservoir began, in accordance with the instructions of the Commissioner of the U. S. Bureau of Reclamation dated April 6, 1936. These instructions provided a method of dividing any water available for the Mar. 30, 1921, priority between the American Falls Reservoir and the Gooding Project.

#### STORED WATER DELIVERIES

Allotments of Reservoir water were made as follows:

##### American Falls Allotment for 1942

No storage charges prior to June 2 as water was spilling past Milner to waste until then.

Reservoir contents June 2 - 1,716,890 acre-ft.

The excess of 16,890 acre-ft. over rated capacity was allotted pro rata to each owned and leased right.

##### Jackson Lake Allotment for 1942

No water was available for the Jackson Lake priority after the morning of June 28, at which time the Lake held 851,840 acre-ft.

Of this amount 40,680 acre-ft. represents the quantity measured at Jackson Lake, due American Falls Reservoir to replace water delivered therefrom to canals below Neeley to fill normal flow rights prior to the top right in Jackson Lake.



This leaves 811,160 acre-ft. for allotment to Jackson Lake rights. Bottom rights are 437,810 acre-ft. leaving 373,350 acre-ft. or 91.24% for top rights.

Jackson Lake filled on June 24, but spilled some water June 24-27, inclusive, that could have been retained under the Jackson Lake priority if the reservoir had not previously filled with stored normal flow. Such amounts June 24-27 are listed on Plate 12 as stored water at the Moran station and are used to offset an equivalent amount of stored normal (minus storage), prior to June 24, the allotment being made as of June 28 a.m.

1942 Storage Allotments in Acre-feet  
Owned and leased space Jackson Lake and American Falls  
(Downstream order from Heise)

Canal	J. Lake right	Am. Falls owned right	Am. Falls lease	Total Allotment
Poplar Irr. Dist.	1,200	801	374	2,375
Progressive Irr. Dist.	0	14,754	7,483	22,237
Farmers Friend	2,000	0	0	2,000
Enterprise Canal Co.	6,100	10,613	4,957	21,670
Harrison	5,000	12,113	6,144	23,257
Rudy	2,000	2,020	1,024	5,044
Burgess	5,120	7,570	4,371	17,061
Lowder	1,040	0	0	1,040
Sunnydell	4,000	0	0	4,000
Lenroot	3,000	4,549	2,307	9,856
Reid	0	3,032	1,416	4,448
Dilts	0	1,044	529	1,573
Enterprise Irr. Dist.	0	12,119	9,835	21,954
Butte & Market Lake	0	3,032	1,416	4,448
Osgood	0	16,010	8,122	24,132
Bear Island	0	227	106	333
Smith	0	80	41	121
Kennedy	355	0	0	355
Idaho	0	27,254	12,727	39,981
Martin	1,500	2,272	1,060	4,832
New Sweden	5,000	28,811	14,615	48,426
Woodville	0	9,089	4,242	13,331
Snake River Valley	15,000	27,918	13,037	55,955
Blackfoot	0	15,182	7,090	22,272



Canal	J. Lake right	Am. Falls owned right	Am. Falls lease	Total Allotment
Peoples	8,000	22,743	11,536	42,279
Aberdeen	42,685	41,743	56,571	140,999
Corbett	0	4,040	1,887	5,927
Trego	0	1,477	690	2,167
Minidoka Dist.	186,030	50,497	25,615	262,142
Burley Dist.	139,780	0	25,248	165,028
Milner Low Lift	0	34,452	16,089	50,541
Twin Falls Canal	88,670	152,687	20,199	261,556
No. Side Project	294,680	323,438	179,171	797,289
Gooding	0	403,974	0	403,974
Idaho Power Co.	0	45,447	0	45,447
Total	811,160	1,278,988	437,902	2,528,050

The foregoing figures do not include small amounts of American Falls Refill storage credited to four lower valley canals.

#### American Falls Refill 1942

Some water accumulated to the American Falls Reservoir right June 2-3, 9-15, amounting to 14,625 acre-ft. No water was available for its priority after June 15.

This refill water was divided among the various projects in proportion to their use of storage up to June 15 as follows:

Minidoka Project	1,523	acre-ft.
Gooding Project	12,074	"
North Side Project	420	"
Milner Low Lift	608	"
Total	14,625	"

#### Lake Walcott Allotment for 1942

Contents on June 2 were 100,370 acre-ft. which was credited to the Minidoka Project.

That Project was also credited with 35,800 acre-ft. gain Neeley to Milner on days it was drawing storage.



Water discharged into the river from the Market Lake Springs amounted to 1220 acre-ft. during the period of storage use. This was diverted through the Great Western and Kennedy Canals.

Daily storage diversions by main river canals are shown on Plate 14. Storage diversions by Henrys Fork Canals are shown on Plate 22. The slight leakage past Milner at times when the Idaho Power Co. was not drawing storage was not charged to any specific canals.

Under the terms of the new lease agreement of Government owned storage at American Falls, all participants in the lease who desire to rent any of their stored water, up to the amount of their lease, list it with the Bureau of Reclamation for sale. It is sold at 30¢ per acre-ft., one-half of the purchase price being retained by the Government and one-half being paid to the company selling the water to reimburse it for the actual cost of the lease water. During the 1942 season there were a total of 23,342 acre-ft. of water leased under this arrangement. The canals buying this water and the amount purchased by each are shown on Plate 14. Most of the sales were to small individual users, some of whom are in the Swan Valley section and some who have inadequate individual rights under various Snake River canals.

There were several of the canals that diverted part of their storage to lands owned by their stockholders under other ditches, as shown by the "Notes" on Plate 14, but there were no sales of storage by participants in the American Falls lease except those made through the Burley office of the Bureau of Reclamation.

No attempt was made to determine from the various companies owning both Jackson Lake and American Falls water how they wanted their storage use charged in 1942, so it is not possible at this time to compute the



American Falls water remaining in Jackson Lake on Sept. 30, 1942. If American Falls Reservoir fills in 1943, it will be unnecessary to do so; if it fails to fill the companies can then decide how they want their 1942 holdovers apportioned as between the two reservoirs.

There was a net total of 15,000 acre-ft. of Jackson Lake storage carried past Clough's during the season, in addition to repaying the normal flow temporarily stored in the upper Reservoirs or diverted as storage prior to July 14, and represented by minus storage quantities at Clough's on Plates 12-13.

A summary of Storage Allotments and Use for the season of 1942 in the entire District is as follows:

#### Storage Supply

Jackson Lake allotment	811,160 acre-ft.
American Falls allotment	1,716,890 " "
American Falls refill after allotment	14,625 " "
Lake Walcott allotment	100,370 " "
Neeley to Milner Gain	55,176 " "
Market Lake Springs	1,220 " "
Henrys Lake	55,772 " "
Island Park	132,710 " "
Grassy Lake	15,182 " "
Sheridan Cr. right of F. M. District	<u>1,356</u> " "
Total	2,904,461 " "

The gain Neeley to Milner, Market Lake Springs and Sheridan Creek right are not reservoir storage rights but are classified as stored water for convenience in tabulation and distribution.

#### Storage Use

Delivered to Snake River Users	1,799,602 acre-ft.
Delivered to Henrys Fork Users	123,128 " "
Transmission losses	38,900 " "
American Falls Res. loss after June 15	5,219 " "
Reservoir holdovers Sept. 30	<u>940,580</u> " "
Total	2,907,429 " "



The difference between the two totals is due to using Sept. 30 as the holdover and end of season date at all points in the District without allowing for time interval and to the fact that about 3,000 acre-ft. of the tabulated holdover at Henrys Lake is unavailable as it is dead storage and is deducted when making the allotments.

### 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 1942

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

Station	May	June	July	Aug.	Sept.	Season
Moran	7,243	28,222	151,434	107,849	64,229	358,977
Heise	288,470	407,800	358,000	262,940	155,370	1,472,580
Riley Ditch	130	843	720	412	139	2,244
Heise & Riley	288,600	408,643	358,720	263,352	155,509	1,474,824
Total gain s.f.	281,357	380,421	207,286	155,503	91,280	1,115,847
Mean gain s.f.	9,076	12,681	6,687	5,016	3,043	7,293
Tot. gain ac.ft.	558,063	754,554	411,145	308,436	181,051	2,213,249

The total gain for the season was about 15% greater than during 1941. It was greater during June, July, and August, but less during May and September than the year previous.

#### Gain in Snake River, Heise to Shelley Stations 1942

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

Station	May	June	July	Aug.	Sept.	Season
Heise & Riley	288,600	408,643	358,720	263,352	155,509	1,474,824
Rexburg	87,060	78,520	30,288	28,063	33,593	257,524
Total Supply	375,660	487,163	389,008	291,415	189,102	1,732,348
Diversions	97,437	240,360	259,140	222,470	143,990	963,397
Shelley	280,490	266,730	158,760	92,110	76,380	874,470
Total use	377,927	507,090	417,900	314,580	220,370	1,837,867
Tot. gain s.f.	2,267	19,927	28,892	23,165	31,268	105,519
Mean gain s.f.	73	664	932	747	1,042	690
Tot. gain ac.ft.	4,497	39,525	57,306	45,947	62,020	209,295

The average daily gain in this section was 161 sec.-ft. greater than in 1941. There even was a slight gain in May instead of the usual loss during that month. The ground water levels in this area must have been higher in 1942 than any year since 1938, if the gain is taken as an indicator of such levels.



# Loss or Gain in Snake River, Shelley to Clough Stations 1942

+ is gain, - is loss  
(Shelley dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Shelley	278,350	269,120	160,930	92,910	77,180	878,490
Blackfoot R.	7,753	1,312	392	193	1,094	10,744
Total supply	286,103	270,432	161,322	93,103	78,274	889,234
Diversions	60,826	104,470	103,760	74,010	53,160	396,226
Clough	219,160	163,358	52,095	17,575	26,309	478,497
Total Use	279,986	267,828	155,855	91,585	79,469	874,723
Tot.diff. s.f.	- 6,117	- 2,604	- 5,467	- 1,518	+ 1,195	-14,511
Mean diff. s.f.	- 197	- 87	- 176	- 49	+ 40	- 95
Tot.diff. ac.ft.	-12,133	- 5,165	-10,843	- 3,010	+ 2,370	-28,781

The actual loss in this section is greater than the above figures by the amount of unmeasured waste into the river plus about 150 sec.-ft. of groundwater inflow that enters the river a short distance above the Clough station. The apparent gain during September is no doubt due to extra canal wastage during that month resulting from rains and reduced demand.

# Loss or Gain in Snake River, Clough to Neeley Stations 1942

+ is gain, - is loss  
(Neeley dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Clough	217,905	166,088	57,103	17,789	25,740	484,625
Inflow	99,515	83,752	82,106	80,883	81,060	427,316
Res. Draft	-3,401	50,837	226,248	254,949	124,224	652,857
Total Supply	314,019	300,677	365,457	353,621	231,024	1,564,798
Neeley	317,130	290,890	361,040	356,100	233,880	1,559,040
Tot.diff. s.f.	+ 3,111	- 9,787	- 4,417	+ 2,479	+ 2,856	- 5,758
Mean diff.s.f.	+ 100	- 326	- 142	+ 80	+ 95	- 38
Tot.diff.ac.ft.	+ 6,170	-19,412	- 8,761	+ 4,917	+ 5,665	-11,421

The gain during May was probably due to the cold rainy weather. May precipitation at American Falls was 2.69" which is 1.05" above normal, while the temperature was 4° below normal. This precipitation over the area of reservoir surface flooded in May would amount to about 12,000 acre-ft. There probably was also some undetected local inflow from rain on the area surrounding the reservoir.

The last water available for the American Falls Reservoir right was June 15. While there were 10,582 acre-ft. of bank storage gain during August and September, the loss from June 16 to July 31 was 15,801 acre-ft., leaving a net loss of 5,219 acre-ft. during the draw-down period June 15 to September 30. This is about 0.3% of the Reservoir capacity. Only in 1936 and 1938 during the past 10 years has American Falls Reservoir remained at as high levels during June to September as it did in 1942. The past records disclose greater losses and less bank storage return whenever the reservoir remains at higher than usual elevations during the summer months.



Loss in Snake River, Neeley to Minidoka Stations  
1942

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

Station	May	June	July	Aug.	Sept.	Season
Neeley	316,630	292,580	360,150	356,330	236,370	1,562,060
Walcott draft	- 761	3,615	- 265	30	441	3,060
Total supply	315,869	296,195	359,885	356,360	236,811	1,565,120
N. Minidoka	32,520	44,730	51,570	47,420	27,628	203,868
S. Minidoka	11,486	33,399	39,730	38,390	23,215	146,220
Minidoka	269,820	213,110	261,540	263,550	183,800	1,191,820
Tot.acct.for	313,826	291,239	352,840	349,360	234,643	1,541,903
Tot.loss s.f.	2,043	4,956	7,045	7,000	2,168	23,212
Mean loss s.f.	66	165	227	226	72	152
Tot.loss ac.ft.	4,052	9,830	13,973	13,884	4,300	46,039

The loss in Lake Walcott for the 1942 season was about twice as great as in 1941 due to holding the Lake at higher levels and not making the usual September drawdown. It was desired to lower the lake level at American Falls Reservoir as much as possible to permit some repair work to be done on the dam in the fall of 1942, hence water for the Minidoka canals was drawn from that reservoir rather than Lake Walcott.

Gain in Snake River, Minidoka to Milner Stations  
1942

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

Station	May	June	July	Aug.	Sept.	Season
Minidoka	270,120	216,060	260,635	263,755	186,775	1,197,345
P. A.	1,804	1,861	1,912	1,927	1,616	9,120
Milner Low Lift	3,703	4,170	5,069	5,159	3,980	22,081
Gooding	65,620	65,530	76,320	73,880	60,390	341,740
No. Milner	61,290	66,990	79,330	80,950	53,159	341,719
So. Milner	88,400	89,100	106,870	109,090	75,120	468,580
Milner	60,946	4,149	338	4,499	10,195	80,127
Tot. acct. for	281,763	231,800	269,839	275,505	204,460	1,263,367
Tot. gain s.f.	11,643	15,740	9,204	11,750	17,685	66,022
Mean gain s.f.	376	525	297	379	590	432
Tot.gain ac.ft.	23,093	31,220	18,256	23,306	35,078	130,953

The gain between the Minidoka to Milner dams for the entire season was about 30,000 acre-ft. greater than in 1941. This includes surface waste from the Minidoka Canals as well as groundwater inflow. No correction is made for changes in the level of Milner Lake which was about 0.5' lower on September 30 than it was on May 1. A substantial amount of the gain occurred during September when the canals were steadily reducing their use.

The total gain between Neeley and Milner for the period May to September amounted to 84,914 acre-ft., of which 55,176 acre-ft. occurred after the final American Falls Reservoir allotment on June 15. The gain on the days after June 15 that the Minidoka project was drawing stored



water in excess of the daily gain was allotted to that project as follows:

June 16-30	=	3,460	acre-ft.	
July	=	4,150	" "	
August	=	9,420	" "	
September	=	<u>18,770</u>	" "	
Total		35,800	" "	

The remaining 19,376 acre-ft. of gain after June 15 occurring on days when the gain was in excess of storage being drawn by the Minidoka Project was not allotted. Most of this unallotted gain occurred after September 15, and as all canals below American Falls had substantial holdovers they did not need it, and it remained in American Falls Reservoir at the close of the season on September 30.

#### DISTRIBUTION ON HENRYS FORK

Mr. Melvin Luke again served as Deputy Watermaster on Henrys Fork, Lower Teton and Fall Rivers, with headquarters at St. Anthony. Water supply in this area was ample for those canals that could receive stored water, the only shortages being on tributary headwater creeks where the supply was limited by the stream flow.

Island Park Reservoir filled to spillway level on April 10, 1942, being the first of the District 36 reservoirs to fill. Grassy Lake filled on May 27, one day before its priority right was cut. This is the first time that it has filled to capacity. Henrys Lake reached a maximum storage of 66,862 acre-ft. on July 16-17, but part of this was accumulated normal flow due prior downstream rights. Due to the failure of Henrys Lake users to sign a contract with the Government and Fremont Madison Irrigation District authorizing holdover storage at Henrys Lake, the Henrys Lake users were obliged to draw their stored water from



Henrys Lake in 1942 instead of borrowing Island Park water as has been done for several years past. If the proposed contract had been in effect it would not have been necessary to release any storage from Henrys Lake in 1942.

A daily charge of 30 sec.-ft. for loss in Island Park Reservoir was made from May 28 to July 10, inclusive, during the regulation period prior to beginning of storage draft from that Reservoir. This was recovered for the reservoir owners by crediting the same daily quantity as stored water from Reservoir bank storage from July 30 to September 11, in addition to the water actually withdrawn from the Reservoir.

The Bureau of Reclamation approved the policy followed by the water-master since Island Park Reservoir was built of allowing the Fremont-Madison District to supply all requests for stored water rentals on Henrys Fork and tributaries as long as it had water available to rent. On this account the only American Falls Reservoir water allotted in the Henrys Fork territory was the Enterprise Irrigation District allotment of 21,954 acre-ft.

During the period of storage diversion on Henrys Fork, July 12 to September 13, the following amounts of water were delivered past the lowest canal heading on Henrys Fork to Snake River:

July 16-31	9,600	acre-ft.
August	21,000	" "
September 1-12	<u>14,000</u>	" "
Total	44,600	" "

This would have been available for exchange in the Henrys Fork area if Snake River water was available through rental or ownership to make the trade.



The 1942 draft on Grassy Lake amounted to about 4200 acre-ft. Of this amount 900 acre-ft. were needed to supply storage demands on Fall River and the balance was delivered past the Chester gaging station, below all Fall River diversions, to downstream canals on Henrys Fork.

Natural flow rights on Henrys Fork and Fall River were regulated according to the Snake River schedule given on page 10, except for a few days about the middle of July when a slight shortage existed as compared to the priorities being filled on Snake River.

Rights on Teton River were regulated according to the Snake River schedule except July 28 to September 13, when the Teton River was regulated as follows:

July 28	Cut to Oct. 1, 1889
Aug. 4	Cut to June 1, 1885
Aug. 9	Filled 75% June 1, 1885
Aug. 10	Filled 50% June 1, 1885
Aug. 13	Filled 25% June 1, 1885
Aug. 17	Cut off June 1, 1885
Aug. 25	Filled 25% June 1, 1885
Sept. 11	Cut off 1885 rights
Sept. 13	Restored all rights due to rain.

Stored water allotments for the Henrys Fork Reservoirs were made as follows:

#### Henrys Lake Allotment 1942

No storage accumulation for Henrys Lake priority after July 7.

Lake Contents July 7 66,376 acre-ft.

#### Subtract:

Stored normal flow due Am.  
Falls Res. to replace water  
delivered to prior rights  
downstream

Est. dead storage & loss

7,604 ac.ft.
3,000 "
<u>10,604 "</u>

10,604 acre-feet

55,772 acre-feet

Available for allotment



Allotted as follows:

	Percent	Acre-feet
Last Chance & Dowe	15.3	8,533
St. Anthony Union	6.8	3,792
Salem Union	24.2	13,497
Egin	6.8	3,793
Independent	26.8	14,947
Consolidated Farmers	20.1	11,210
Total		55,772

Island Park Reservoir

This reservoir reached a maximum storage level on May 29 of 137,230 acre-ft. With its free overflow spillway this gradually dropped, due to decreasing inflow, to 132,710 acre-ft. on July 11, when storage draft began. The 132,710 acre-ft. contents on July 11 were allotted as the available storage supply in this Reservoir.

Grassy Lake Reservoir

This reservoir filled to its rated capacity, 15,182 acre-ft., on May 28, the last day for which any water was available for its priority.

Allotments and use of storage by the various canals are shown on Plate 22.

The total storage supply of the Fremont Madison District was:

Island Park Reservoir	132,710 acre-ft.
Grassy Lake	15,182 " "
Yield of Sheridan Cr. decree	1,356 " "
Total	149,248 " "

Disposal of this water was as follows:

Regular allotment from Island Park & Grassy Lake	109,435 acre-ft.
Allotment of Sheridan Creek decree	1,356 " "
Additional allotment to F. M. District canals	(a) 10,338 " "
Rentals	7,413 " "
Unallotted	20,706 " "
Total	149,248 " "

(a) 25% of regular allotment to such canals as exhausted their regular allotment.



The water rented by the Fremont-Madison District was on the basis of 60¢ per acre-ft., except 1,225 acre-ft. rented to Teton Basin Canals at 30¢ per acre-ft. to meet the American Falls rental price during the period that Teton River was being regulated according to the Snake River schedule of priorities.

The segregation of flow at the various measuring stations from Henrys Lake to Rexburg is shown on Plate 21. The net retention of Snake River water by Henrys Fork users, after supplying all adverse storage items at upstream reservoirs, appears on this Plate as a minus seasonal storage total at Rexburg. This total of 17,368 sec.-ft. is equal to 34,449 acre-ft. at Rexburg.

The Enterprise Canal diverted 17,802 acre-ft. of this as American Falls water, leaving 16,647 acre-ft. at Rexburg or 17,072 acre-ft. at Island Park due American Falls Reservoir if it fails to fill in 1943. This water retained on Henrys Fork was replaced by storage drawn from Jackson Lake which would otherwise have been delivered as storage past the Clough station on Snake River to American Falls Reservoir.

Henrys Lake users were not allowed to borrow water from Island Park Reservoir in 1942, hence there was no Island Park water in Henrys Lake at the close of the 1942 season. The loss in Henrys Lake during the period of storage draft July 17 to September 12 was 2,260 acre-ft.

The water used in Teton Basin during the period that Teton River was cut to earlier priorities than Snake River was all transferred to the June 1, 1885 rights on Lower Teton River as these were the only ones affected by such use.

Daily diversion from Henrys Fork at head of Cross Cut Canal are shown on Plates 17-20, and daily discharge of this canal below the



highway and below Fall River Canal diversions are given on Plate 22.

The following is a summary of the 1942 operation of this canal:

Totals in 24-hr. sec.-ft.

Month	Cross Cut at head	Fall R. Canal Inflow	North Diversion	Middle Diversion	Cross Cut below Highway	Cross Cut at End
May 1-29	2,966	-	-	-	-	-
July 14-31	4,090	271	1,954	-	0	0
August	9,010	275	3,175	1,656	751	618
Sept. 1-4	690	40	360	2,739	3,371	3,071
				344	26	20
Total					4,148	3,709

Water was delivered through this canal to Teton River from July 25 to September 1, inclusive. The loss for the period averaged 10.6%. The Fall River Canal used 25,000 acre-ft. of water through the Cross Cut Canal in 1942, of which 5,880 acre-ft. was drawn during May when there was plenty of water in Fall River.

The following tabulation is similar to that given on pages 18-19 for canals on the main Snake River:

Diversions and Irrigated Areas on Henrys Fork,  
Fall River, and Lower Teton River, 1942

Canal	Diversions May to Sept (acre-ft.)	Area under canal (acres)	Area Irrigated (acres)	Diversions acre-ft. per acre
<u>Fall River Canals</u>				
Yellowstone	1,870	5,000	1,000	1.9
Harrigfeld	0	2,140	0	0
Marysville	28,100	15,000	12,800	2.2
Farmers Own	10,400	10,200	6,500	1.6
Almy	0	60	0	0
Enterprise	35,800	7,000	6,000	6.0
Bell	1,710	160	160	10.7
Fall River	88,500 (a)	8,000	8,000	11.0
McBee	678	300	90	7.5
Chester	10,400	2,000	1,325	7.8
Silkey	3,140	620	440	7.1
Cur	10,600	1,570	1,500	7.1
Total Fall River	191,193	52,050	37,815	5.0

(a) Includes 25,000 acre-ft. diverted through Cross Cut Canal.



Canal	Diversions May to Sept. (acre-ft.)	Area under canal (acres)	Area Irrigated (acres)	Diversions Acre-ft. per acre
<u>Henry Fork Canals</u>				
Dewey	3,870	1,800	1,000	3.9
Last Chance	14,900	1,900	1,840	8.1
St. Anthony Union	124,500	10,000	10,000	12.4
Farmers Friend	24,800	2,900	2,900	8.5
Twin Groves	30,500	2,500	2,500	12.2
Salem Union	43,100	5,500	5,300	8.1
Egin	81,400	6,000	6,000	13.6
Union Feeder	19,700	2,000	2,000	9.8
Independent	67,100	7,000	7,000	9.6
Consol. Farmers	51,500	8,000	6,000	8.6
Total Henrys Fork	461,370	47,600	44,540	10.3
<u>Lower Teton Canals</u>				
Siddoway	1,930	500	500	3.9
Wilford	27,500	1,800	1,800	15.3
Teton Irrigation	16,000	2,000	2,000	8.0
Good Luck	3,620	400	328	11.0
Pioneer	3,040	400	400	7.6
Stewart	3,340	366	366	9.1
Pincock-Byington	2,280	340	300	7.6
Pincock-Garner	4,030	580	440	9.2
Teton Island Feeder	85,500	10,500	10,400	8.2
North Salem	1,190	600	400	3.0
Roxana (b)	2,340	720	720	3.2
Island Ward	8,010	3,300	3,000	2.7
Woodmanse-Johnson	4,500	1,250	1,000	4.5
City of Rexburg	9,870	1,290	1,100	9.0
Rexburg Irrig.	52,800	5,650	5,280	10.0
McCormick-Rowe	1,220	160	150	8.1
Saury Sommers	3,170	640	640	5.0
Total Teton River	230,340	30,496	28,824	8.0
Total Henrys Fork, Fall River, and Teton River.	882,908	130,146	111,179	8.0

(b) Also receives water through Consol. Farmers from Henrys Fork.

Total diversions were about 4.5% greater than in 1941, the increase all occurring on Fall River and Henrys Fork. Many of the Teton River



canals diverted less water in 1942 than in 1941. Stored water diverted by the canals on Henrys Fork and tributaries amounted to 123,128 acre-ft. or 14% of the total diversions.

Seasonal records are available on some of the larger canals diverting from tributaries of Fall and Teton Rivers as follows:

Canal	Diversions May to Sept. (acre-ft.)	Area under canal (acres)	Area Irrigated (acres)	Diversions Acre-ft. per Acre
Squirrel Creek	700	1,000	300	2.3
Conant Creek	4,500	1,500	1,000	4.5
Canyon Creek	4,230	6,300	2,500	1.7
String Canal	10,900	2,117	1,985	5.5
Trail Cr. Irrig. Co.	26,600	6,000	4,700	5.7
Fox Cr. Irrig. Co.	11,900	3,959	2,800	4.2
Grand Teton Canal	26,800	9,000	6,500	4.1

Most of these canals divert heavily during the flood water season but are quite short of water after mid-July.

Several trips were made into the Island Park section for regulation purposes at intervals of about every two weeks after the flood waters were over. Users in that area purchased 337 acre-feet of storage from the Fremont Madison District and were permitted to divert twice that amount, allowing for 50% return flow to the stream.

#### River gains and losses in Henrys Fork Basin

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

Lake to Island Park	20 hrs.
Island Park to Warm River	14 hrs.
Warm River to Ashton	5 hrs.
Ashton to St. Anthony	5 hrs.
St. Anthony to Rexburg	12 hrs.
Squirrel to Chester	8 hrs.



Gain in Henrys Fork, Lake to Island Park Stations, 1942

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Lake	312	328	2,882	8,686	1,625	13,833
I. P. Res.release	-1,089	1,603	14,474	17,898	4,502	37,388
Total Supply	- 777	1,931	17,356	26,584	6,127	51,221
Island Park	27,610	25,808	30,901	39,170	19,304	142,793
Tot.gain s.f.	28,387	23,877	13,545	12,586	13,177	91,572
Mean gain s.f.	916	796	437	406	439	599
Tot.gain ac.-ft.	56,305	47,360	26,866	24,964	26,136	181,631

The gain or inflow in this section was 48,000 acre-ft. greater than in 1941, most of same occurring during the high water months of May and June. May precipitation at Island Park dam was 4.40" compared to 2.16" normal.

Gain in Henrys Fork, Island Park to Warm River Stations, 1942

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Island Park	27,398	26,118	30,267	39,596	19,621	143,000
Warm River	44,050	40,190	41,931	49,400	30,291	205,862
Tot.gain s.f.	16,652	14,072	11,664	9,804	10,670	62,862
Mean gain s.f.	537	469	376	316	356	411
Tot.gain ac.ft.	33,029	27,912	23,135	19,446	21,164	124,686

The seasonal gain was about 12,000 acre-ft. greater than in 1941, of which 11,000 acre-ft. occurred during May and June.

Gain in Henrys Fork, Warm River to Ashton Stations, 1942

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Warm River	43,972	40,309	41,734	49,558	30,391	205,964
Ashton	68,260	55,290	53,740	61,120	40,040	278,450
Total gain s.f.	24,288	14,981	12,006	11,562	9,649	72,486
Mean gain s.f.	783	499	387	373	322	474
Tot. gain ac.ft.	48,174	29,715	23,814	22,933	19,138	143,774

The gain in this section comes mostly from the inflow of Warm River and Robinson Creek. It was about 23,000 acre-ft. greater than in 1941, or an average daily increase of 77 sec.-ft.



Gain in Fall River, Squirrel to Chester Stations, 1942

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

Station	May	June	July	Aug.	Sept.	Season
Squirrel	39,723	59,750	24,112	13,790	13,272	150,647
Diversions	5,151	22,940	16,981	13,053	10,664	68,789
Chester	43,674	43,031	8,638	2,736	4,915	102,994
Tot. acct. for	48,825	65,971	25,619	15,789	15,579	171,783
Tot. gain s.f.	9,102	6,221	1,507	1,999	2,307	21,136
Mean gain s.f.	294	207	49	64	77	138
Tot. gain ac.-ft.	18,053	12,339	2,989	3,964	4,576	41,921

The seasonal gain was practically the same as in 1941.

Gain in Henrys Fork, Ashton to St. Anthony Stations, 1942

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

Station	May	June	July	Aug.	Sept.	Season
Ashton	68,125	55,488	53,527	61,293	40,167	278,600
Chester	43,556	43,184	8,760	2,721	4,906	103,127
Tot. Supply	111,681	98,672	62,287	64,014	45,073	381,727
Diversions	30,611	31,958	31,342	31,293	13,396	138,600
St. Anthony	84,820	68,040	32,775	34,138	32,989	252,762
Tot. acct. for	115,431	99,998	64,117	65,431	46,385	391,362
Tot. gain s.f.	3,750	1,326	1,830	1,417	1,312	9,635
Mean gain s.f.	121	44	59	46	44	63
Tot. gain ac.-ft.	7,438	2,630	3,629	2,810	2,602	19,109

The average daily gain was 12 sec.-ft. greater than in 1941.

Gain in Henrys Fork and Teton River, St. Anthony  
to Rexburg stations, 1942

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

Station	May	June	July	Aug.	Sept.	Season
St. Anthony	84,820	68,040	32,775	34,138	32,989	252,762
Teton R.	46,890	60,560	32,805	21,815	15,888	177,958
Tot. Supply	131,710	128,600	65,580	55,953	48,877	430,720
H.Fk, diversions	23,996	29,161	23,986	21,080	12,514	110,737
Teton diversions	16,309	34,821	29,282	22,087	13,726	116,225
Rexburg	87,575	77,710	30,078	27,974	33,687	257,024
Tot. acct. for	127,880	141,692	83,346	71,141	59,927	483,986
Tot. gain s.f.	- 3,830	13,092	17,766	15,188	11,050	53,266
Mean gain s.f.	- 123	436	573	490	368	348
Tot. gain ac.-ft.	- 7,596	25,967	35,238	30,125	21,917	105,651

The seasonal gain of 105,651 acre-ft. was the least since 1934 when it was 46,000 acre-ft. In May an actual loss occurred, as was



also the case in September 1934. Due to cold rainy weather May diversions were the lowest ever recorded, except May 1927, and it appears probable that the ground water levels south of St. Anthony were below river level on May 1, 1942. Many local residents in this area reported that their wells were dry in the spring of 1942 for the first time since drilled. They attributed the low levels to the fact that the Fall River canal froze up at the head during the preceding winter and the usual supply of winter water was not run in the canal. Teton river users diverted all the water in that stream from about July 24 to September 12; at other times some water was delivered from Teton River to Henrys Fork.

#### TETON BASIN

Mr. Oleen Dummer again served as deputy watermaster and hydrographer in the Teton Basin section. He worked from May 13 to Aug. 31. After September 1st the demand for water had decreased to a point where the local users divided it among themselves without trouble.

Storage rented by Teton Basin users was as follows:

Trail Cr. Irrig. Co.	2,855	acre-ft.
String Canal Co.	997	"
So. Leigh Creek	214	"
No. Leigh & Spring Cr.	247	"
Swamps	17	"
Total	4,330	" (Reservoir meast.)

There was no stored water sold on other tributaries in Teton Basin as their flow had dropped so low by the time their rights were cut that the water would not reach Teton River.

Of the total storage rented 1,225 acre-ft. less loss, were delivered to Snake River users for water used prior to July 28, and cost 30¢ per acre-ft. The balance of the storage cost 60¢ per acre-ft. and



was delivered, less loss, to users on lower Teton River through the Cross-Cut Canal. The storage was all rented from the Fremont-Madison Irrigation District. Daily use is shown on Plate 22.

The storage sold in Teton Basin was on the basis of delivering to lower users  $1/2$  of the quantity diverted by the upstream canals, on the theory that, considering channel losses and return flow, the lower users would get at least as much water this way as they would if the Teton Basin rights were cut off and the water allowed to flow down the stream channels. Allowing for 10% loss in the Cross-Cut Canal and 2.5% river loss below Island Park dam, the Teton Basin users were able to divert  $1-3/4$  acre-ft. for each acre-ft. of storage purchased in Island Park Reservoir.

The waters on Teton Creek were regulated jointly by T. Ross Wilson, Deputy Water Commissioner for Wyoming, and Mr. Dummer, representing the Idaho rights, in accordance with the following tabulation.

Teton Creek Regulation 1942

Date	Total Available Flow Sec.-ft.	Sec.-ft. in Wyoming Canals after regulation				
		Woddell	Central	Brown, et al.	So. Side	Total
July 21	154.7	7.7	7.2	19.6	27	61.5
" 24	118.1	7.4	6.7	20.5	19.5	54.1
" 28	108.8	7.1	6.6	14.0	17.1	44.8
" 31	82.7	6.5	5.1	17.2	12.5	41.3
Aug. 4	65.4	5.2	4.0	13.6	9.9	32.7
" 7	57.9	4.5	3.6	12.0	8.8	28.9
" 11	51.4	4.0	3.2	10.7	7.8	25.7
" 14	42.6	3.3	2.6	8.9	6.5	21.3
" 18	38.0	3.0	2.3	7.9	5.8	19.0
" 21	33.7	2.6	2.1	7.0	5.1	16.8
" 25	32.0	2.5	2.0	6.7	4.9	16.1

Note: On the first three dates the flow was divided, one inch per acre to all Wyoming rights desiring same, and balance to Idaho. On other dates it was divided 50% to Wyoming and 50% to Idaho. For discharge of Grand Teton Canal in Idaho see Plate 23. Total available flow is sum of all canal diversions measured before regulation.



The discharge of streams and canals on which a number of measurements were made is shown on Plate 23. The results of some additional miscellaneous measurements are tabulated below:

Discharge in Sec.-ft. of  
West Side Creeks in Teton Basin, 1942

<u>Creek</u>	<u>May 19</u>	<u>May 29</u>	<u>June 8</u>	<u>June 19</u>	<u>June 26</u>	<u>Aug. 13</u>
Packsaddle Creek	10.22		40.88		13.88	2.20
Dude Creek	1.34		0.65		0.40	0.20
Horseshoe Creek	26.10		31.50		13.97	4.08
Twin Creek (North, Middle, South)	8.01		7.34		3.24	0.50
Mahogany Creek	11.65		40.80	24.1	16.84	5.97
Paradise Creek	2.59		3.16		3.00	3.21
Bouquet Creek	1.64		1.44		2.08	1.31
Patterson Creek	5.74		5.27		3.69	1.48
Un-named Creek	0.45		.34		.20	.20
Grove Creek	0.60		.66		1.30	.90
Warm Springs	1.40		1.13		1.15	.64
Drake Springs	1.20		2.01		1.30	.94
John's Creek	4.79	5.97			2.74	1.17
Deep Creek	2.12	1.59			.14	.40
Pine Creek	34.69	24.6			2.23	.40
Warm Creek	10.75	13.6			22.15	8.41

Miscellaneous Darby Creek Diversions

<u>Date</u>	<u>Gage Ht. (feet)</u>	<u>Discharge (sec.-ft)</u>
<u>Cherry Grove Canal</u>		
June 2, 1942	3.52	0.4
(Cherry Grove Cross cut 18.5 s.f.)		
June 18	4.82	31.1
July 2	5.02	38.7
July 15	4.10	8.9
<u>Cannon Canal</u>		
May 30	0.80	1.5
June 2	0.76	1.0
June 18	1.52	20.6
July 2	1.92	51.1
July 15	1.50	18.9
<u>Hill Canal</u>		
May 30, 1942	0.82	1.8
June 2	.80	1.8
June 18	1.50	27.7
July 2	1.78	43.8
July 15	1.26	14.0



<u>Date</u>	<u>Gage Ht. (feet)</u>	<u>Discharge (sec.-ft.)</u>
Todd Canal		
May 2	0.80	13.6
June 2	0.78	14.0
June 18	1.70	33.3
July 2	1.84	51.2
July 15	1.44	34.4

<u>Canal</u>	<u>Date</u>	<u>Discharge (sec.-ft.)</u>
South Leigh Cr. above Big Hogg Canal	Aug. 7, 1942	17.5
Little Hogg Canal in Mathews field	Aug. 16, 1942	3.4
South Leigh Cr. above Kilpack Canal	Aug. 16, 1942	4.4
Mathews ditch	Aug. 16, 1942	3.9
South Leigh Cr. above Kilpack Canal	Aug. 22, 1942	2.5
Big Hog Canal in Mathews field	Aug. 22, 1942	6.2

### TRANSIT LOSS ON TRAIL CREEK

June 3, 1942

#### Supply:

a. Trail Cr. above String Canal	165.1 sec.-ft.
b. Game Creek	81.85 "
c. Creek west of Game Cr.	3.46 "
Total Supply	250.41 "

#### Diversions:

a. String Canal	13.6 sec.-ft.
b. Kimball Canal	11.4 "
c. Town Canal	34.8 "
d. Ricks-Kirsley Canal	14.0 "
e. Spencer Canal	34.0 "
f. Humball Canal	16.6 "
g. Edwards ditch	.3 "
h. Tonks Canal	26.6 "
i. Job Porter's ditch	1.85 "
j. Davis Ditch	.00 "
Total flow diverted	153.15 "

Amount reaching live water  
(Trail Creek) 67.56 "

Total accounted for 220.71 "

Total Loss from String Canal to live water 29.70 sec.-ft.



Note: Water had been flowing through to live water all spring as farmers had been diverting water for culinary purposes only. Precipitation for May had been above normal.

### TRANSIT LOSS ON TRAIL CREEK

August 24, 1942

Supply at Head	
a. Moose and Trail Creek	52.8 sec.-ft.
b. Game Creek	<u>14.9</u> "
Total Supply	67.7 "

#### Diversions:

Leaking through closed gates and  
through one opened gate 13.0 sec.-ft.

Supply less diversions 54.7 sec.-ft.

Reaching live water 21.5 "

Transit Loss 33.2 "

It was estimated that if the water which was unavoidably as well as inadvertently diverted had gone down stream an additional 5 sec.-ft. would have been lost.

Total loss from String Canal to live water 38.2 sec.-ft.

### TRANSIT LOSS ON FOX CREEK

June 11, 1942

Supply:	
a. Fox Cr. above diversions	115.0 sec.-ft.
b. Inflows.	

1. No. side - 1 mi. E. Highway	0.62
2. No. side - 1 mi. E. Highway	0.30
3. No. side - $1\frac{1}{2}$ mi. E. Highway	7.73
4. No. side - at Highway	0.60
5. So. side - $\frac{1}{2}$ mi. E. Highway	1.78
6. No. side - $\frac{1}{4}$ mi. W. Highway	<u>5.41</u>

Total inflow

Total Supply

16.44 sec.-ft.  
131.44 "

#### Diversions:

1. Canal - No. side, $\frac{1}{2}$ Mi. E. Nichol's	47.19
2. Canal - So. side, SW Nichols	22.93
3. Shut off for repairs	15.70
4. Canal - So. side	17.05
5. Diversion - No. side, $\frac{3}{4}$ mi. E. highway	2.06
6. Diversion - So. side, $\frac{1}{2}$ mi. E. highway	0.81
7. Diversion - So. side, $\frac{1}{4}$ mi. W. highway	<u>105.74</u> sec.-ft.
Total diverted	



## Transit Loss on Fox Creek cont'd.

Reaching live water

a. South Branch	1.32	sec.-ft.
b. North Branch	9.20	"
Total	<u>10.52</u>	"

Transit loss on this test

15.18 sec.-ft.

Note: This test was made following the receding of higher water, which had been flowing through the channel for about one week. The test was made four days after a heavy rain.

TRANSIT LOSS ON DARBY CREEK

June 2, 1942

Supply

a. Darby Creek at Forest Bridge

75.3 sec.-ft.

Diversions:

a. Floyd Winger's ditch (est.)	0.50	sec.-ft.
b. Hill Canal	1.84	"
c. Todd Canal 14.0 less A. Bowles Powerplant 4.03	9.97	"
d. Cannon Canal	0.97	"
e. #1 Cherry Grove Canal	0.40	"
f. Cherry Grove upper Cross Cut	18.49	"
g. Stone's Diversion at highway	9.30	"
h. Stone's Diversion W. of house	<u>5.25</u>	"
Total Diverted	46.72	

Flowing into live water

0.95 sec.-ft.

Transit Loss in Darby Creek on above date

27.63 sec.-ft.

Note: These measurements were made after a recession of high water (due to cold weather) which had been running in the old creek bed for about 9 days.

TRANSIT LOSS ON TETON CREEK

June 1, 1942

Supply:

Teton Creek (below Grand Teton Canal)

116.1 sec.-ft.

Diversions:

Central Teton Canal	5.58	sec.-ft.
Price-Fairbanks Ditch	0.59	"
Cordon-Christensen Ditch	<u>1.02</u>	"
Total flow diverted	7.19	"



Transit Loss on Teton Creek, cont'd.

Teton Creek - at Pole line above highway S.E. of Driggs, above inflow of Spring Cr.

48.0 sec.-ft.

Total Supply accounted for

55.19 sec.-ft.

Transit Loss on June 1, 1942

60.91 sec.-ft.

Note: High water had been running through the channel for about eight days previous to this test. It had previously taken a stream of 120 to 200 sec.-ft. three days to flow from the State Line to live water.

TRANSIT LOSS ON TETON CREEK  
from Grand Teton Canal diversion to Pole Line S. E. Driggs

June 20, 1942

Supply:

a. Teton Creek below G. T. Canal Div.

104.8 sec.-ft.

b. Inflow from Wodell Canal

2.10 "

Total

106.95 "

Diversions:

a. Central Teton Canal at Wyo. line 15.6 sec.-ft.

b. Price-Fairbanks Ditch

14.32 "

c. Cordon-Christensen Ditch

(shut off)

--

Total

29.92 "

Teton Creek at Pole Line

61.75 "

Total accounted for

91.62 sec.-ft.

Transit Loss for June 20, 1942

15.28 sec.-ft.

July 8, 1942

Supply:

Teton Creek below G. T. Canal

85.4 sec.-ft.

Inflow from Price-Fairbanks Ditch

7.5 "

Total

92.9 "

Diversions:

1. Central Teton Canal

23.3 sec.-ft.

2. Price-Fairbanks Ditch

13.23 "

Teton Creek at Live water

57.4 "

Total accounted for

93.93 sec.-ft.

Gain from Wyoming Line to live water

1.03 sec.-ft.



## Transit Loss on Teton Creek, cont'd.

July 28, 1942

40 sec.-ft. was turned down creek. On July 29 there were 37 sec.-ft. at Bridge below Grant Teton Canal. The flow had gone down the channel to 1/4 mile south of south edge of cemetery east of priggs.

TRANSIT LOSS ON SOUTH LEIGH CREEK  
 from Wyo. line to State Highway

June 15, 1942

## Supply:

So. Leigh Creek at Wyo. Line	167.1 sec.-ft.
Inflow from Spring by J. O. White barn	.73 "
Total Supply	<u>167.83</u> "

## Diversions:

1. Little Ditch	30.85 sec.-ft.
2. Thomas Ditch	2.50 "
3. Burt Shaw Ditch	2.83 "
4. Ed Hansen Ditch	3.53 "
5. P. Hansen-Shaw Ditch	7.81 "
Total diversions	<u>47.52</u> "

## Crossing highway:

a. Under Big Bridge	105.13 "
b. Through culvert No. of Bridge	5.38 "
	<u>110.51</u> "

Total accounted for

258.03 sec.-ft.

Transit Loss

9.80 sec.-ft.

TRANSIT LOSS ON MAHOGANY CREEK

June 19, 1942

## Supply:

a. Mahogany Creek above all diversions	24.07 sec.-ft.
--	----------------

## Diversions:

1. O. J. Buxton, et al.	8.07 sec.-ft.
2. D. C. Buxton, et al.	5.35 "
3. Golden Wood, et al.	3.18 "
4. L. Buxton (Edwin Wood et al)	3.95 "
5. E. Carrington (last of Mahogany Cr.)	<u>1.10</u> "

Total accounted for

21.65 sec.-ft.

Transit loss on June 19, 1942

2.42 sec.-ft.



DISTRIBUTION IN SWAN VALLEY SECTION

Mr. F. S. Thomas of Irwin was appointed as Deputy Watermaster in this section. He worked from June 24 to September 10. Water-users rented 2501 acre-ft. of storage and were allowed to divert twice that quantity from the tributary creeks on the assumption that 50% of the water returned to the river during the irrigation season. The lands here are all underlain by porous gravel which permits fairly rapid drainage back to the river. Diversions are generally at the rate of from 1" to 2" per acre irrigated.

Discharge measurements of the Palisade Canal and several creeks in this area are shown on Plate 23.

PRECIPITATION IN INCHES

(Actual and normal for year ending Sept. 30, 1942)

Month	<u>Snake R.</u>		<u>Moran, Wyo.</u>		<u>Afton, Wyo.</u>		<u>Bechler, Wyo.</u>		<u>Irwin, Ida.</u>	
	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>
Oct. 1941	1.58	2.10	1.18	1.58	1.57	1.64	1.60	2.92	0.95	1.22
Nov.	1.99	2.04	1.98	1.69	2.58	1.88	1.82	2.95	1.47	1.00
Dec.	5.31	2.66	3.46	1.76	1.84	1.30	8.90	4.14	3.52	1.17
Jan. 1942	1.78	3.68	1.49	2.46	1.12	1.37	3.24	5.54	1.28	1.50
Feb.	2.89	2.98	2.16	2.20	1.08	1.23	6.65	3.67	.97	1.12
Mar.	1.53	3.61	1.22	2.56	.45	1.62	1.95	4.90	.83	1.32
Apr.	2.03	1.96	1.91	1.60	1.69	1.58	3.05	3.00	2.15	.86
May	4.48	2.40	3.44	1.98	2.92	2.12	5.55	3.42	3.77	1.66
June	1.54*	2.19	1.10	1.57	2.45	1.48	1.79	3.46	1.20	1.38
July	.90*	1.52	.66	1.12	.59	1.03	.32	2.32	.37	.93
Aug.	.59*	1.48	.53	1.34	.34	1.32	.30	1.31	.33	.98
Sept.	.57	1.73	.49	1.61	.52	1.52	1.28	1.68	.78	1.24
Year	25.24	28.40	19.62	21.47	17.15	18.09	36.45	39.31	17.62	14.38

\* estimated



## Precipitation in Inches (cont'd)

Month	Ashton		Idaho Falls		Pocatello		Twin Falls		Av. 9 stas.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct. 1941	0.99	1.20	0.67	1.06	.47	1.16	0.66	0.90	1.07	1.53
Nov.	1.32	1.19	.70	.61	2.05	.89	.78	1.08	1.63	1.48
Dec.	2.83	1.56	1.61	.97	2.03	1.21	1.12	.89	3.40	1.74
Jan. 1942	1.14	1.82	.71	1.10	2.22	1.39	1.51	1.09	1.61	2.22
Feb.	1.65	1.29	.42	1.03	1.03	1.31	.87	.91	1.97	1.75
Mar.	.37	1.14	.34	.86	.30	1.31	.08	.98	.79	2.03
Apr.	.41	1.18	.46	.89	1.12	1.60	1.03	.98	1.54	1.52
May	2.57	1.97	.57	1.37	2.29	1.51	1.89	.99	3.05	1.94
June	.52	1.44	.53	1.10	.58	1.05	.13	.68	1.09	1.59
July	.12	.93	0	.61	.13	.85	.22	.37	.37	1.07
Aug.	.23	.70	.02	.61	.76	.64	0	.21	.34	.95
Sept.	.79	1.16	.93	.81	1.63	.74	.13	.55	.79	1.24
Year	12.94	15.58	6.96	11.02	14.61	13.66	8.42	9.63	17.65	19.06

The precipitation for the year was about 93% of normal. Pronounced monthly shortages occurred in October, March, and July to September, while December and May were the only months greatly above normal.



# EXPENDITURES DURING YEAR ENDING DECEMBER 31, 1942

## Engineers & Hydrographers

Lynn Crandall	Salary 1 yr.	\$4999.92
W. V. Iorns	" "	3324.99
Melvin Luke	" 5 mos. @ \$190	950.00
Ival Goslin	" 4.47 mos. @ \$160	714.66
F. W. Tolles	" 3.30 mos. @ \$155	511.50
Oleen Dummer	" 3.62 mos. @ \$155	563.16
L. T. Burdick	" 8 days @ \$10	80.00

## Clerks

Effie C. Jones	Salary 4.20 mos. @ \$140	603.69
Charlotte M. Elg	" 1 yr.	1680.00
Neva Iorns	" 16 da. @ \$120 mo.	64.00

## River Riders

D. W. Archibald	82 days @ \$6.25 incl. mileage	512.50
D. R. Crystal	98 days @ \$5.75 " "	563.50
Paul Koller	35 days @ \$5.75 " "	201.25
Eugene Liljenquist	97 days @ \$5.25 " "	509.25
H. M. Bramwell	98 days @ \$5.75 " "	563.50
F. S. Thomas	77 days @ \$5.00 " "	395.00
Joe Bohi	59 days @ \$5.25 " "	309.75
Walter C. Lenz	2.40 mo. @ \$40 mo. " "	95.08

## Miscellaneous

Transportation, 3,137 miles @ 4¢ a mile;	1936.06
40,236 miles @ 4½¢ a mile.	365.83
Telephone & Telegraph	1022.06
Supplies and equipment	644.57
Gage Readers	175.23
Construction and repairs	83.38
Bond premium and insurance	565.64
Miscellaneous	

Total \$21,434.52



Expenditures from various funds

stored and Normal Flow account	\$13,189.08
Storage Sales account	7.70
State of Idaho Stream Gaging fund	1,421.68
U. S. Geological Survey	<u>6,816.06</u>
Total	\$21,434.52

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$37.00 for services at \$5 per day and expenses, which were pro-rated among upper valley canals.

Funds on hand January 1, 1943

District #36 Water distribution fund	\$9,518.08
State of Idaho Stream Gaging fund *	0
U. S. Geological Survey	<u>3,297.82</u>
Total	\$12,815.90

\*Available funds will not be known until after action by Legislature.



# MAP SHOWING PRINCIPAL STREAMS AND GAGING STATIONS

NO.	STATION
1	JACKSON LAKE AT MORAN
2	Snake River AT MORAN
3	Snake River NR. HEISE
4	Snake River NR. SHELLEY
5	Snake River NR. BLACKFOOT
6	AMERICAN FALLS RESER. AT AMERICAN FALLS
7	Snake River AT NEELY
8	LAKE WALCOTT NR. MINIDOKA
9	NO. SIDE CANAL NR. MINIDOKA
10	SO. SIDE CANAL NR. MINIDOKA
11	Snake River NR. MINIDOKA
12	P.A. LATERAL NR. MINIDOKA
13	GOODING CANAL AT MILNER
14	NO. SIDE CANAL AT MILNER
15	SO. SIDE CANAL AT MILNER
16	MILNER LOW LIFT CANAL AT MILNER
17	Snake River AT MILNER
18	HENRY'S LAKE NR. LAKE
19	HENRY'S LAKE NR. LAKE
20	ISLAND PARK RES. NR. ISLAND PARK
21	HENRY'S FORK NR. ISLAND PARK
22	HENRY'S FORK NR. WARM RIVER
23	HENRY'S FORK NR. ASHTON
24	GRASSY LAKE NR. MORAN
25	FALL RIVER NR. SQUIRREL
26	FALL RIVER NR. CHESTER
27	HENRY'S FORK AT ST. ANTHONY
28	TETON RIVER NR. TETONIA
29	TETON RIVER NR. ST. ANTHONY
30	HENRY'S FORK NR. REXBURG
31	BLACKFOOT RIVER NR. BLACKFOOT

SCALE IN MILES  
0 10 20 30





42724, Sept. 1916

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES BRANCH

HYDROGRAPH FOR

JACKSON LAKE

Beginning Oct. 1, 1937

ACRE FEET

800,000

700,000

600,000

500,000

400,000

300,000

200,000

100,000

0

1938-39

1939-40

1941-42

1937-38

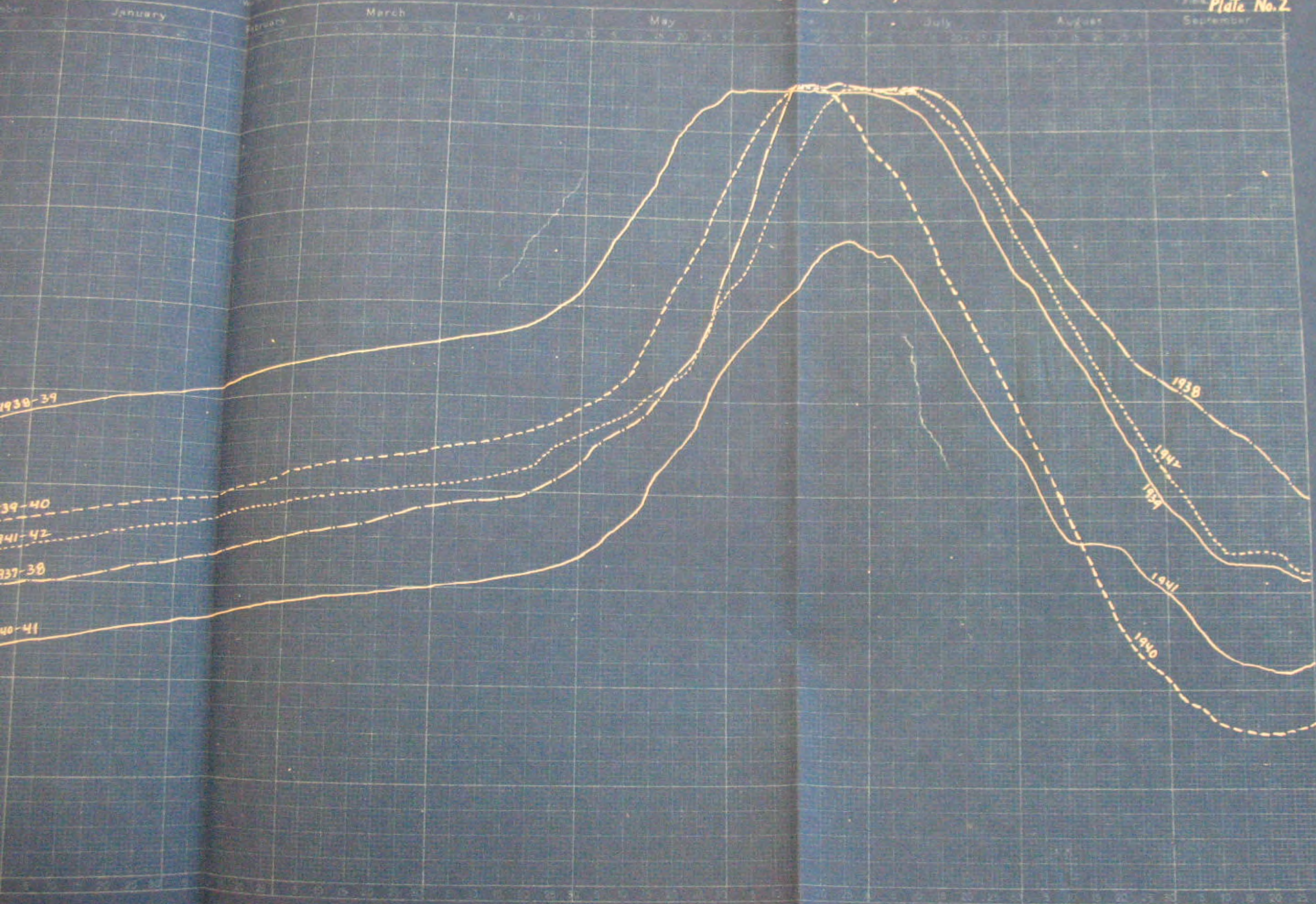
1940-41

Plotted by

Checked by

Date







12755 Sept. 1916

DEPARTMENT OF THE INTERIOR

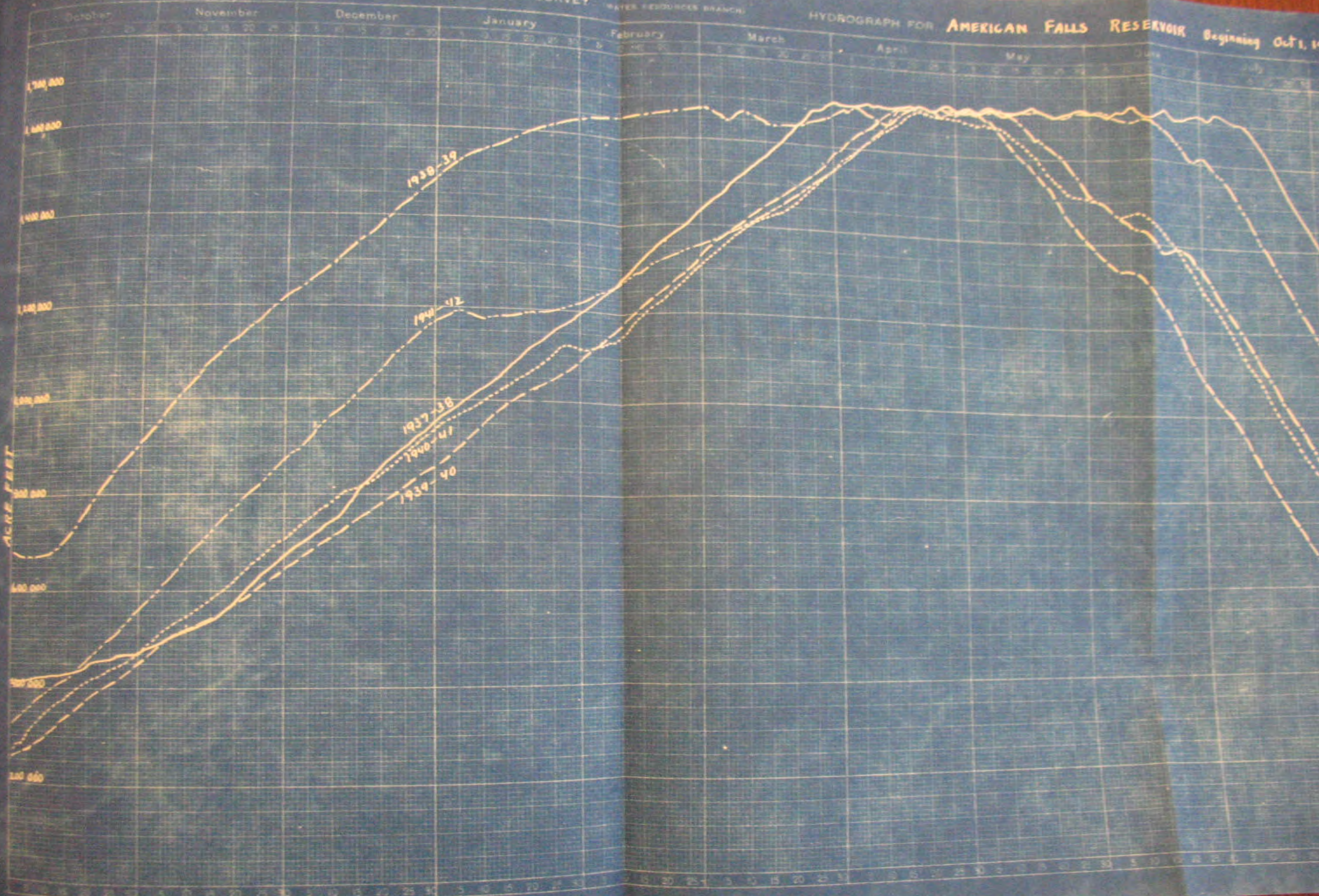
GEOLOGICAL SURVEY

WATER RESOURCES BRANCH

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR Beginning Oct. 1, 1937

ACRE-Feet

1,200,000  
1,000,000  
800,000  
600,000  
400,000  
200,000  
0



Plotted by \_\_\_\_\_ Checked by \_\_\_\_\_ Date \_\_\_\_\_



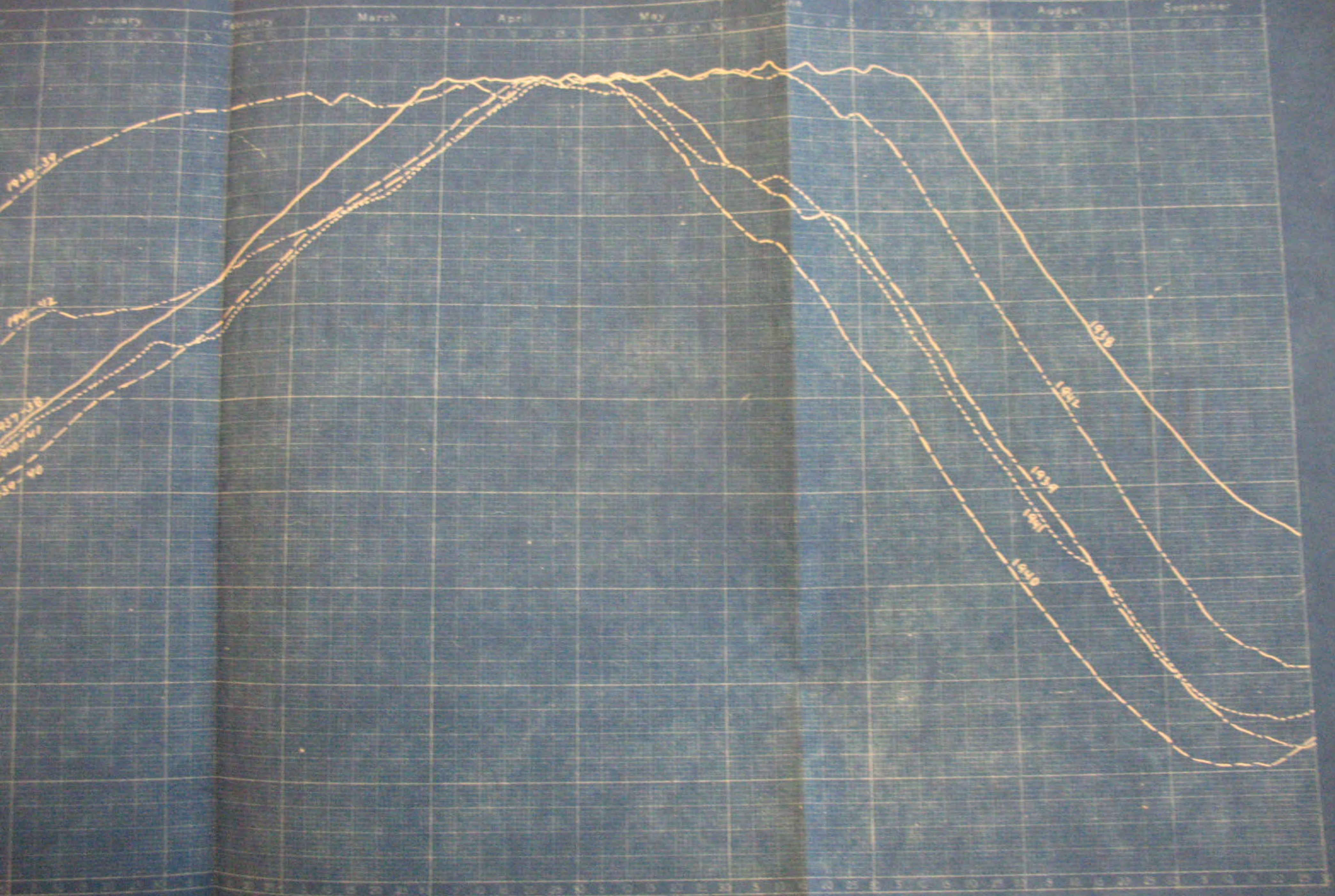




DIAGRAM SHOWING ANNUAL RUNOFF OF SHAPE RIVER AT NEEDLE POINT (Montgomery Ferry prior to 1907)

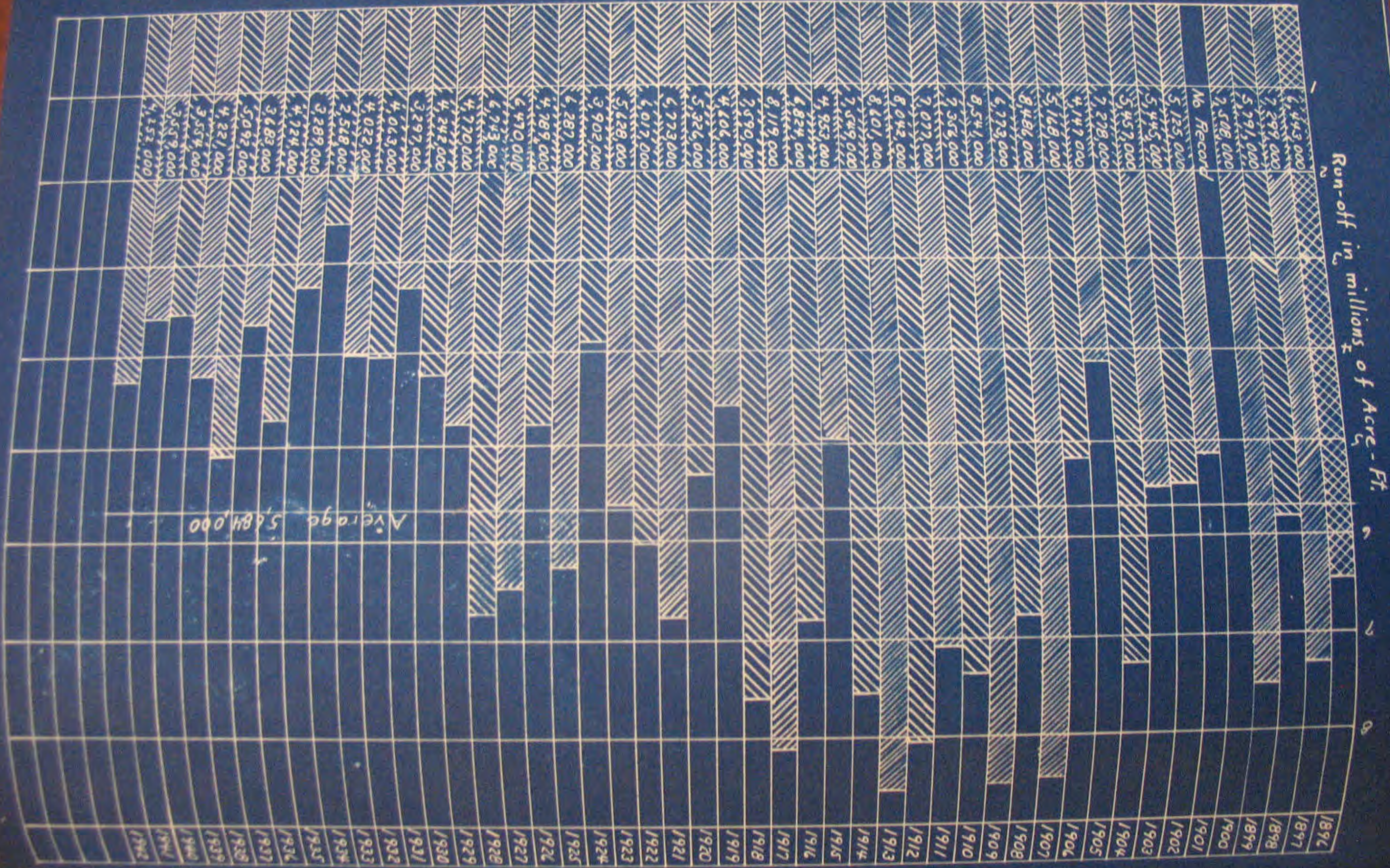
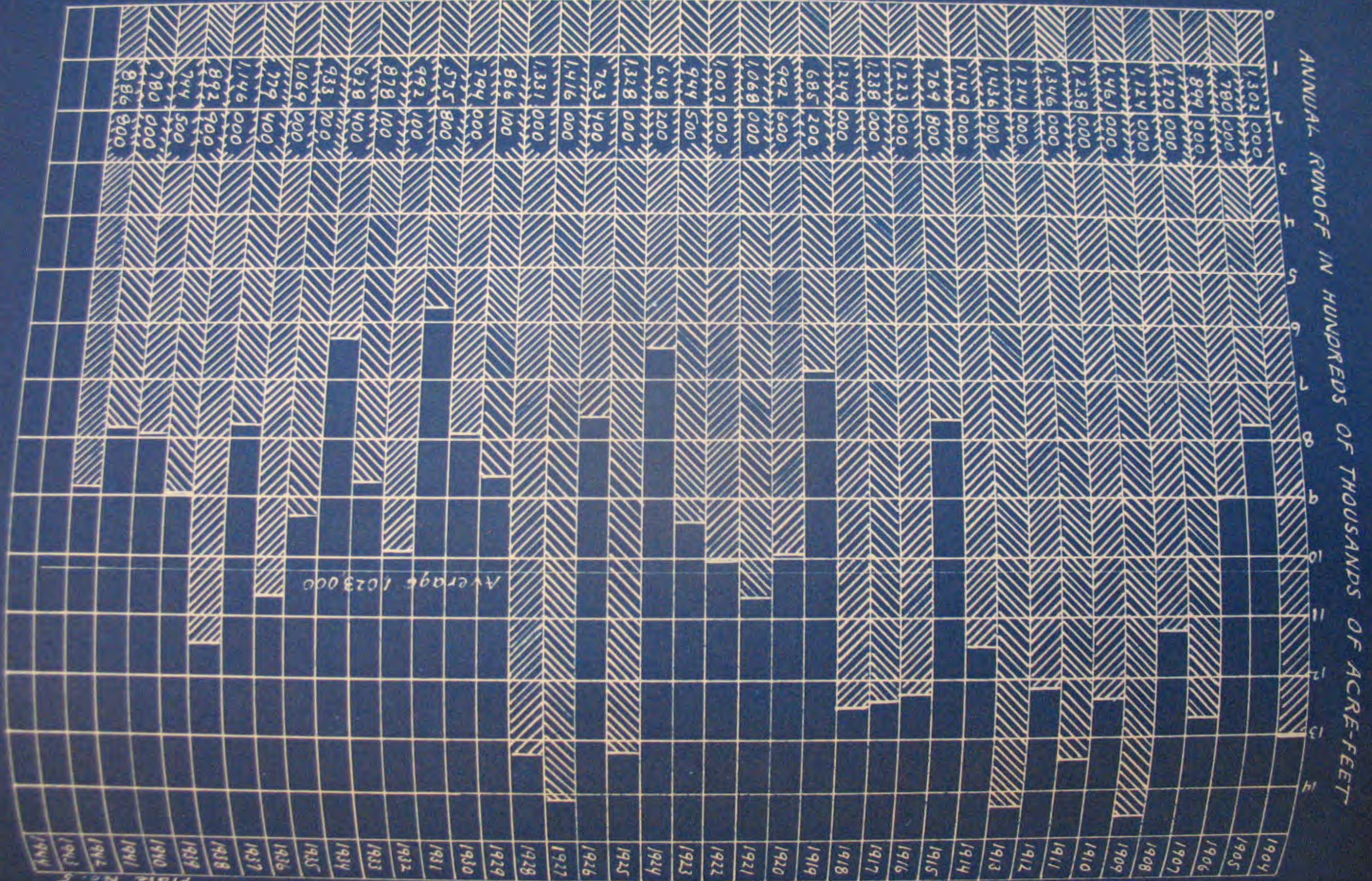




DIAGRAM SHOWING TOTAL ANNUAL RUNOFF IN ACRE-Feet OF SNAKE RIVER AT MORN, WYO. Plate No. 5



Note: Runoff Totals are for water year ending Sept. 30 and are corrected for Jackson Lake holders



[illegible]

DAILY DISCHARGE IN SEC-FI. OF SNAKE RIVER CANALS FOR MAY 1942



PLATE NO. 7  
DAILY DISCHARGE IN SECT. OF SNAKE RIVER CANALS FOR JUNE 1942

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	20	29	30	30	0	29	30	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	
ANDERSON	359	259	251	259	258	259	258	259	258	259	258	259	258	259	258	259	258	259	258	259	258	259	258	259	258	259	258	259	258	259	
FRANKS	353	285	287	285	286	285	286	285	286	285	286	285	286	285	286	285	286	285	286	285	286	285	286	285	286	285	286	285	286	285	
FRANKS FRIEND	323	244	244	245	246	245	246	245	246	245	246	245	246	245	246	245	246	245	246	245	246	245	246	245	246	245	246	245	246	245	
ENTERPRISE	125	130	136	140	144	147	149	153	156	159	162	165	168	171	174	177	180	183	186	189	192	195	198	201	204	207	210	213	216	219	
NETSON	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
MATTSON & CRAIG	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
BRUNSBURG	0	0	0	0	0	0	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	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	
ROSS & RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STEELE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
HARRISON	300	320	350	370	453	490	500	520	533	550	560	571	572	583	590	596	601	606	611	616	621	626	631	636	641	646	651	656	661	666	
CHENEY	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
BOOMER	129	121	144	174	169	189	206	213	214	189	190	201	185	186	194	155	149	187	187	187	187	187	187	187	187	187	187	187	187	187	
RUDY	46	46	51	56	52	55	64	67	75	66	72	81	72	81	72	81	72	81	72	81	72	81	72	81	72	81	72	81	72	81	
MITE & NORD	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
BURGESS	613	699	691	768	769	844	826	866	923	946	946	954	947	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	936	
CLARK & EDWARDS	87	75	75	64	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	
TOWDER	58	61	61	58	57	42	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	
JENNINGS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EAST LABELLE	122	122	123	123	123	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	
SUNNYDELL	127	154	166	147	152	154	133	129	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	
LENROOT	126	128	138	146	162	162	163	165	164	156	159	156	153	150	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	
REID	144	144	146	146	147	146	146	147	147	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	
TEXAS FEEDER	162	160	230	232	267	276	281	276	262	285	283	279	274	272	271	270	274	274	274	274	274	274	274	274	274	274	274	274	274	274	
NELSON COHEY	5	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
HILL PETTINGER	4	4	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
RIGBY	139	152	155	159	162	165	168	171	179	222	220	219	216	177	164	168	193	190	187	187	201	184	203	163	161	162	161	161	161	161	161
ISLAND	140	146	149	153	158	160	178	178	175	172	169	167	162	157	161	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	
DILLS	26	26	26	27	26	25	25	25	25	28	28	28	28	28	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
W. LABELLE & L. ISLAND	384	417	444	444	526	526	526	526	526	521	521	508	502	502	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	497	
FRANKS & LEWISVILLE	282	333	324	311	290	291	298	304	297	304	359	333	336	333	368	319	372	333	333	333	333	333	333	333	333	333	333	333	333	333	
NORTH RIGBY	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
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	
BRAMWELL	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
BUTTE & MNT. LAKE	230	268	303	319	332	342	348	348	355	352	354	353	353	354	354	372	374	369	361	372	372	359	350	364	372	358	372	360	183	174	
OSGOOD	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
KENNEDY	36	36	36	36	36	38	40	42	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	
IDRHO	117	162	839	1070	1110	1010	920	1110	1110	1110	1110	1080	1040	1030	957	889	875	883	880	877	936	976	976	976	976	976	976	976	976	976	
GREAT WESTERN	327	343	378	393	405	407	417	422	448	451	454	453	461	456	444	439	434	444	444	444	444	444	444	444	444	444	444	444	444	444	
PORTER	211	227	235	256	256	264	269	268	273	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	
COY & KELLER	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WOODVILLE	52	51	51	63	64	63	64	63	64	63	64	63	64	63	64	63	64	63	64	63	64	63	64	63	64	63	64	63	64	63	
SNAKE RIVER VALLEY	438	445	452	529	544	445	459	504	571	597	601	591	579	561	554	550	558	546	533	522	518	535	554	591	619	557	446	398	500	599	
TOTAL HEISE TO SHELLEY	6127	6507	7049	7610	8065	8018	8471	8275	8487	8512	8572	8596	8596	8507	8473	8350	8350	8350	8350	8350	8350	8350	8350	8350	8350	8350	8350	8350	8350	8350	
RESERVATION	357	395	565	630	626	617	594	618	648	604	620	574	586	612	628	641	615	602	620	613	598	582	578	623	660	643	540	623	635	17848	
BLANCHFORD	244	301	306	312	318	324	324	323	340	358	364	370	360	347	348	350	351	353	355	357	360	356	352	347	346	352	249	267	9970	3913	
NEW LAKE SIDE	102	129	141	169	159	140	122	156	159	151	139	128	137	112	130	133	139	139	139	135	117	142	135	139	148	144	47	81	89	111	
PEOPLES	383	451	444	512	514	544	566	531	523	542	544	538	529	546	525	507	491	485	485	485	518	540	553	434	440	346	348	425	15014	36380	
ABERDEEN-SPRINGFIELD	127	129	147	142	144	147	156	151	170	180	192																				



DAILY DISCHARGE IN SEC.-FT. OF SNAKE RIVER CANALS FOR JULY 1942

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	
BUTLER		27	22	27	13	11	22	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	
ANDERSON		291	290	295	291	294	293	292	291	290	289	288	287	286	285	284	283	282	281	280	279	278	277	276	275	274	273	272	271	270	269	268	267	
EAGLE ROCK		497	493	567	654	569	551	553	660	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673	
FARMERS FRIEND		337	354	357	351	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	
ENTERPRISE		177	181	176	183	187	189	189	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	
NETLSON		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MATTSON & CRAIG		6	7	7	9	11	14	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
HANSBERGER		1	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
BUTLER ISLAND		57	57	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	
ROSS & RAND		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
STEELE		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	
HARRISON		371	475	463	475	478	478	480	480	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	483	
CHENEY		8	8	8	8	7	6	5	7	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
BOOMER		114	128	136	134	131	129	131	129	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
RUDD		43	49	42	41	48	46	41	45	51	47	44	47	44	45	51	47	44	47	44	45	51	47	44	45	51	47	44	45	51	47	44	45	
KITE & NORD		7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
BURGESS		764	769	763	764	791	800	808	808	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813
CLARK & EDWARDS		75	73	73	73	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
LOWDER		47	47	47	47	48	46	48	49	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
JENNINGS		122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122
EAST LABELLE		122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122
SUNNY DELL		99	129	136	95	92	131	131	128	124	151	149	154	155	149	151	149	154	155	149	151	149	154	155	149	151	149	154	155	149	151	149	154	155
LENROOT		186	188	210	159	154	156	154	155	174	180	173	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161
REID		152	150	155	130	114	118	119	132	123	153	144	139	142	139	142	139	142	139	142	139	142	139	142	139	142	139	142	139	142	139	142	139	142
TEXAS FEEDER		240	251	266	279	283	278	283	287	274	285	272	274	276	272	276	272	276	272	276	272	276	272	276	272	276	272	276	272	276	272	276	272	276
NELSON COREY		15	15	16	16	17	16	15	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
HILL PETTINGER		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
RIGBY		160	159	159	158	158	156	155	159	163	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167
ISLAND		158	155	157	168	169	163	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167
DILTS		29	27	28	30	29	30	32	31	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
W. LABELLE & L. ISLAND		505	502	497	500	500	498	497	500	497	500	497	500	497	500	497	500	497	500	497	500	497	500	497	500	497	500	497	500	497	500	497	500	497
PARKS & LEWISVILLE		338	348	348	346	319	346	349	345	352	350	350	348	345	348	345	348	345	348	345	348	345	348	345	348	345	348	345	348	345	348	345	348	345
NORTH RIGBY		48	46	51	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
WHITE		5	4	4	4	4	4	4	4	4	4	4	4	4																				



DAILY DISCHARGE IN SEC-FIT. OF SNAKE RIVER CANALS FOR AUG. 1942

[illegible]



DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR SEPT. 1942

NAME OF CORRAL	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	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
RILEY	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	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
ANDERSON	247	217	219	246	244	268	264	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	257	25



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	June	1	2	3	4	5	6	7	8	9	10	11	12	13							
Big Jimmy Cr.	33	33	33	33	33	33	33	33	33	32	32	32	32	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31						
Portneuf R. Inflow Below Pocatello	312	312	312	312	312	312	312	312	313	313	313	313	313	314	314	314	314	314	314	314	315	315	315	315	314	314	314	314	313	313	313	312	312	312	312	311	310	309	308	307	306	305	304	303	302	301	300	299	298				
Big Spring Cr.	449	449	449	449	449	449	449	448	447	446	445	444	443	442	441	440	439	438	437	436	434	432	431	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	449	449	449	449	449	449					
Clear Cr.	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	115	115	115	115	115	115	115	115	115	115	115				
Ford Cr.	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7				
Kinney Cr.	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	26	26	26	26	26	26	26	26	26	26	26	26	26				
Wide Cr.	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60				
Pyle Spgs.	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15	15	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 Spgs.	28	28	28	28	28	28	28	28	27	27	27	26	26	26	26	26	26	25	25	25	25	25	25	21	21	22	22	23	23	24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25		
Hull Spgs.	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
Tanner Spgs.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Portneuf R. at Pocatello	418	398	378	369	398	408	398	378	378	408	428	448	448	448	418	438	438	428	428	408	408	438	468	478	489	478	458	418	378	340	322	304	286	260	240	252	243	240	210	199	210	197	193	193	193	193	193	193	193	193	193		
Crystal Ditch	11	11	11	11	11	11	11	11	10	10	9	9	8	8	8	7	7	7	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Crystal Waste	26	26	26	26	26	25	25	25	24	24	24	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
Danielson Spgs.	51	51	51	51	51	50	50	49	49	49	49	49	48	48	48	48	47	47	47	46	46	45	45	45	45	45	45	45	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47		
Artesian Spgs.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Sterling Waste	4	4	6	8	8	8	7	7	6	5	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Colburn Waste	6	6	6	6	6	6	6	6	5	5	5	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Aberdeen Waste	70	160	210	210	200	200	190	160	130	120	130	150	170	160	160	140	140	150	160	150	150	155	150	160	150	130	100	120	120	120	130	120	75	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Tartar Waste	0	30	40	50	50	60	60	60	60	40	50	50	60	50	50	55	55	55	55	55	55	55	55	55	55	55	55	35	35	35	30	30	30	30	30	30	20	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Schiltz Waste	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	1	1	1	1	1	1	1	1	1	1	1	1	1	
Cedar Waste	0	20	20	30	40	40	40	35	35	40	60	60	60	60	60	60	60	60	65	60	65	78	55	45	40	30	30	30	30	20	10	10	8	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ross Fork	39	39	39	39	39	39	39	39	39	39	38	38	38	38	38	38	37	37																																			

Total May 99,491



INFLOW TO AMERICAN FALLS RES  
BETWEEN CLOUGH AND NEELEY STAS  
14 HOUR SECOND FEET

[illegible]



1942

24 HOUR SECOND FEET

Total June 83,673

Total July 81,966



VOIR 1942

[illegible]

Total July	81,966
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Total Aug. 80,897



[illegible]



DAILY SUMMAR

JACKSON LAKE		SNAKE R. AT MORAN			MORAN TO HEISE		HEISE + RILEY			STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY		DIV. HEISE TO SHELLEY			SNAKE R. MR. SHELLEY			DIV. SHELLEY-BLACKFOOT				
DATE	Contents Ac-Ft	STOR.	NORM.	TOTAL	STORAGE LOSS	STORAGE DIV.	DATE	STOR.	NORM.	TOTAL	MARKET LAKE	HENRYS FR. N.H. REXBURG	STORAGE LOSS HEISE TO SHELLEY	STOR.	NORM.	TOTAL	DATE	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	
May 29	605 960																							
30	614 320																							
31	621 730	-185	205	20	-5		May 30						-29				5895	May 31	-29	11824	11800			
June 1	627 480	-1489	1509	20	-37		31						-29				5949	June 1	-29	18324	10300			
2	633 980	-1841	1861	20	-46		2	-180	11600	11420			-103	-9			6127	2	-274	9114	8840		2809	
3	640 710	-732	753	21	-18		3	-1452	12581	11129			-102	-71			6502	3	-1483	9183	7760		2739	
4	650 340						4	-1795	13525	11730			-103	-88			7049	4	-1810	9070	7260		2478	
5	662 210						5	-714	13944	13230			-102	-35			7610	5	-781	8751	7470		3260	
6	673 350						6						-103	0			7865	6	-103	9343	9140		3434	
7	686 030						7						-29	0			8018	7	-29	9889	9860		3448	
8	700 440						8						-29	0			7971	8	-29	10324	10300		3563	
9	716 160						9						-29	0			8275	9	-29	11824	11800		3665	
10	730 710						10						-29	0			8482	10	-29	13324	13300		3751	
11	744 550						11						-29	0			8512	11	-29	14524	14500		3748	
12	754 250	-567	587	20	-14		12						-29	0			8672	12	-29	13424	13400		3739	
13	763 470	-1463	1481	18	-37		13	-553	14778	14225			-29	0			8561	13	-29	11724	11700		3703	
14	771 940	-831	849	18	-21		14	-1426	14653	13227			-164	-27			8569	14	-690	10370	9650		3617	
15	780 720	-557	575	18	-14		15	-810	13739	12929			-164	-71			8507	15	-1519	9849	8350		3568	
16	791 750	-1707	1725	18	-43		16	-543	14375	13832			-164	-41	1	8472	8473	16	-934	9144	8210		3612	
17	801 320	-2713	2731	18	-68		17	-1664	14794	13130			-164	-27	9	8341	8350	17	-689	9909	9220		3623	
18	809 400	-2771	2789	18	-69		18	-2645	14474	11829			-164	-82	9	8341	8350	18	-1755	10415	8660		3654	
19	816 980	-3061	3079	18	-76		19	-2702	14632	11930			-164	-129	10	8368	8378	19	-2690	9920	7230		3601	
20	825 090	-3333	3352	19	-83		20	-2985	14815	11830			-164	-133	11	8488	8499	20	-2744	9604	6860		3594	
21	831 700	-2566	2584	18	-64		21	-3250	14377	11127			-164	-146	12	8474	8486	21	-3015	9745	6730		3564	
22	836 790	-3081	3475	394	-77		22	-2502	12929	10427			-164	-159	12	8263	8275	22	-3267	9217	5950		354	
23	842 900	-2440	3810	1370	-61		23	-3004	13334	10330			-164	-123	12	8332	8344	23	-2555	7275	4720		355	
24	847 740	57	1793	1850	1		24	-2379	14015	11636			-164	-148	12	8517	8529	24	-3032	7072	4040		355	
25	853 120	4092	1268	5360	102		25	56	12468	12524	9	-134	2	357	8122	8479	25	-2438	7338	4900		358		
26	851 580	2936	744	3680	74		26	3990	11441	15431	9	-135	194	328	7899	8227	26	-428	7858	6630		351		
27	852 100	1438	1962	3400	36		27	2862	12468	15330	9	-135	139	328	7899	8227	27	3342	7358	10700		331		
28	851 840	514	3046	3560	13		28	1402	12329	13731	9	-134	68	40	7256	7346	28	2508	8692	11200		30		
29	850 820	-645	3015	2370	-16		29	501	12428	12929	9	-135	68	42	6953	6995	29	1166	9034	10200		30		
30	852 100	-745	2735	1990	-19		30	-629	11655	11026	9	-134	24	28	6747	6775	30	324	8196	9120		31		
July 1	853 380	908	2712	3620	23		July 1	-726	11153	10427	9	-135	-31	24	7148	7172	July 1	-748	7578	6830		32		
2	851 580	583	3187	3770	15		2	885	11237	12122	9	-133	-36	22	7269	7291	2	-836	6596	5760		31		
3	850 820	288	3302	3590	7		3	568	12459	13027	9	-134	43	23	7692	7715	3	694	6236	6930		34		
4	850 050	0	3380	3380	0		4	281	12832	13113	9	-133	27	134	7742	7876	4	283	7447	7730		31		
5	850 050	0	3370	3370	0		5	0		12811	9	-134	13	223	7535	7758	5	-80	7850	7770		31		
6	850 050	131	3239	3370	3		6	0		13322	9	-133	-1	161	7550	7711	6	-284	7144	7460		30		
7	849 790	0	3230	3230	0		7	128	13498	13626	9	-134	-1	167	7773	7940	7	-291	7461	7670		31		
8	849 790	131	2819	2950	3		8	0		13426	9	-78	6	191	7839	8030	8	-138	8038	7900		31		
9	849 530	257	2443	2700	6		9	128	12598	12726	9	-78	0	336	7863	8199	9	-405	8005	7600		31		
10	849 020	257	2253	2510	6		10	251	11575	11826	9	-78	6	435	7852	8287	10	-382	7082	6700	22	3566	3	
11	848 510	1107	1973	3080	28		11	251	10675	10926	9	-78	12	441	7956	8397	11	-271	5901	5630	9	3548	3	
12	845 440	2666	1874	4540	67		12	1079	9444	10523	9	-78	12	411	8026	8437	12	-241	4401	4660	36	3477	3	
13	839 590	3098	1852	4950	77		13	2599	9127	11726	9	-78	53	447	7967	8414	13	510	3740	4250	114	3469	3	
14	833 740	2880	1830	4710	72		14	3021	8805	11826	9	-77	127	765	7900	8665	14	1639	3221	5060	134	3535	3	
							15	2808	8519	11327	9	-56	148	1069	7576	8645	15	1757	3243	5000	114	3438	3	
											9	-161	136	1626	6979	8605	16	894	3746	4640	49	3425	3	



## SUMMARY OF DATA AT AND BETWEEN S

INFLOW TO SHELLEY		STORAGE LOSS		DIV. HEISE TO SHELLEY			DATE	SNAKE R. NR. SHELLEY			DIV. SHELLEY-BLACKFOOT			SHELLEY BLACKFOOT STORAGE LOSS		THEORETICAL BALANCE STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE R. AT CLOUGH			CALCULATED INFLOW CLOUGH TO HEELEY	DATE	AM. FALLS RESERVOIR CONTENTS AC.Ft.	SNAKE R. AT				
HEAVYS FR. N.R. FLEXBURG	LOSS	HEISE TO SHELLEY	STOR.	NORM.	TOTAL	STOR.		NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL				STOR.	NORM.	TOTAL				STOR.	NORM.			
-29					5895	May 31	-29	11829	11800																				
-29					5949	June 1	-29	10329	10300																				
-103	-9				6127	2	-274	9114	8840																				
-102	-71				6502	3	-1483	9183	7700																				
-103	-88				7049	4	-1810	9070	7260																				
-102	-35				7610	5	-781	8751	7970																				
-103	0				7865	6	-103	9393	9290																				
-29	0				8018	7	-29	9889	9860																				
-29	0				7971	8	-29	10329	10300																				
-29	0				8275	9	-29	11829	11800																				
-29	0				8482	10	-29	13329	13300																				
-29	0				8512	11	-29	14529	14500																				
-29	0				8672	12	-29	13929	13900																				
-29	0				8561	13	-29	11729	11700																				
-164	-27				8569	14	-690	10370	9680																				
-164	-71				8507	15	-1519	9869	8350																				
-164	-41	1	8472	8473	16	-934	9144	8210																					
-164	-27	9	8341	8350	17	-689	9909	9220																					
-164	-82	9	8341	8350	18	-1755	10415	8660																					
-164	-129	10	8368	8378	19	-2690	9920	7230																					
-164	-133	11	8488	8499	20	-2744	9604	6860																					
-164	-146	12	8474	8486	21	-3015	9745	6730																					
-164	-159	12	8263	8275	22	-3267	9217	5950																					
-164	-123	12	8332	8344	23	-2555	7275	4720																					
-164	-148	12	8517	8529	24	-3032	7072	4040																					
-164	-117	12	8523	8935	25	-2438	7338	4900																					
-134	2	357	8122	8479	26	-428	7058	6630																					
-135	194	328	7899	8227	27	3342	7358	10700																					
-134	139	90	7256	7346	28	2508	8692	11200																					
-135	68	42	6953	6995	29	1166	9034	10200																					
-134	24	28	6747	6775	30	324	8796	9120																					
-135	-31	24	7148	7172	July 1	-748	7578	6830																					
-133	-36	22	7269	7291	2	-836	6596	5760																					
-134	43	23	7692	7715	3	694	6236	6930																					
-133	27	134	7742	7876	4	283	7447	7730																					
-134	13	223	7535	7758	5	-80	7850	7770																					
-133	-1	161	7550	7711	6	-284	7744	7460																					
-134	-1	167	7773	7940	7	-291	7961	7670																					
-78	6	191	7839	8030	8	-138	8038	7900																					
-78	0	336	7863	8199	9	-405	8005	7600																					
-78	6	435	7852	8287	10	-382	7082	6700	22	3566	3588																		
-78	12	441	7956	8397	11	-271	5901	5630	9	3548	3557																		
-78	12	411	8026	8437	12	-241	4901	4660	36	3477	3513																		
-78	53	447	7967	8414	13	510	3740	4250	114	3469	3583																		
-77	127	765	7900	8665	14	1639	3421	5060	134	3535	3669																		
-56	148	1069	7576	8645	15	1757	3243	5000	114	3438	3552																		
161	136	1626	6979	8605	16	894	3746	4640	99	3425	3524																		



# DATA AT AND BETWEEN SNAKE RIVER GAGING STATIONS 1942

24 HOUR SECOND- FEET EXCEPT AS NOTED

24 HOUR SECOND - FLOW EXCEPT AS NOTED																							
DATE	BLACKFOOT RIVER	SNAKE R. AT CLOUGH			CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR Contents Ac.-ft.	SNAKE R. AT NEELEY			LAKE WALCOTT Contents Ac.-ft.	MINIDOKA CANALS					SNAKE R. NR. MINIDOKA			DATE	MILNER LAKE GAGE	STC	
		STOR.	NORM.	TOTAL				STOR.	NORM.	TOTAL		NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL				
June 1		- 27	8437	8410	2994	June 2	1716890	- 413	8973	8560	100370	1290	886	2176	0	2176	- 397	6797	6400	June 3	10.74	4	
2		- 27	6737	6710	2916	3	1716320	- 247	8977	8730	100250	1290	1030	2320	0	2320	- 287	6657	6370	4	10.47	6	
3		- 258	5338	5080	2842	4	1712900	880	8180	9060	100010	1290	1160	2450	0	2450	960	5730	6690	5	10.43	13	
4		- 1394	5484	4090	2817	5	1708960	1099	8301	9400	100130	1330	1220	2550	0	2550	1149	5751	6900	6	10.50	13	
5		- 1701	5701	4000	2820	6	1704480	1429	8521	9950	100250	1450	1220	2670	0	2670	1379	5851	7230	7	10.49	13	
6		- 734	5904	5170	2805	7	1697200	1891	8709	10600	98560	1550	1260	2810	84	2726	1537	5983	7520	8	10.84		
7		- 97	6187	6090	2773	8	1692710	1840	8960	10800	99040	1600	1320	2920	194	2726	1536	6234	7770	9	11.08		
8		- 27	6447	6420	2771	9	1690470	1261	9139	10400	99520	1610	1340	2950	224	2726	947	6413	7360	10	11.08	1	
9		- 27	7037	7010	2762	10	1688230	816	9484	10300	99040	1610	1320	2930	204	2726	442	6758	7200	11	11.00		
10		- 27	8517	8490	2775	11	1689910	181	10119	10300	99160	1610	1320	2930	204	2726	- 223	7393	7170	12	11.00		
11		- 27	9987	9960	2764	12	1694960	112	10188	10300	99520	1610	1320	2930	204	2726	- 262	7462	7200	13	11.03		
12		- 27	10427	10400	2755	13	1699440	232	10168	10400	100010	1620	1280	2900	174	2726	- 182	7442	7260	14	11.00		
13		- 27	8907	8880	2742	14	1698880	282	10118	10400	99760	1620	1260	2880	154	2726	- 162	7392	7230	15	10.80		
14		- 27	6897	6870	2755	15	1693270	910	9490	10400	99520	1620	1270	2890	164	2726	576	6764	7340	16	11.08		
15		- 649	5969	5320	2757	16	1688230	1574	8726	10300	100490	1620	1240	2860	134	2726	1500	6000	7500	17	11.18		
16		- 1428	5968	4540	2758	17	1683750	1054	8726	9780	100730	1620	1200	2820	94	2726	1040	6000	7040	18	10.98		
17		- 878	5978	5100	2748	18	1678700	794	8726	9520	99760	1610	1160	2770	44	2726	660	6000	6660	19	10.78		
18		- 648	5988	5340	2738	19	1674220	714	8726	9440	100490	1620	1140	2760	34	2726	580	6000	6580	20	10.63		
19		- 1650	5970	4320	2730	20	1669760	660	8700	9360	99800	1610	1090	2700	0	2700	660	6000	6660	21	10.56		
20		- 2529	5939	3410	2741	21	1663680	550	8680	9230	99280	1610	1070	2680	0	2680	720	6000	6720	22	10.61		
21		- 2579	5899	3320	2751	22	1657600	580	8650	9230	98560	1590	1060	2650	0	2650	1010	6000	7010	23	10.75		
22		- 2834	5844	3010	2756	23	1648200	550	8600	9150	96390	1540	1060	2600	0	2600	1150	6000	7150	24	10.87		
23		- 3011	4931	1860	2747	24	1638250	1802	7678	9480	95180	1530	1060	2590	864	1726	1058	5952	7010	25	10.83		
24		- 2402	3400	998	2726	25	1626090	3654	6126	9780	93670	1530	1100	2630	904	1726	2580	4400	6980	26	10.87		
25		- 2850	3560	710	2728	26	1613440	3452	6288	9740	94250	1410	1080	2490	764	1726	2528	4562	7090	27	10.86		
26		- 2292	4272	1980	2763	27	1605290	2195	7035	9230	93790	1290	916	2206	480	1726	1811	5309	7120	28	10.92		
27		- 402	5202	4800	2840	28	1604750	1018	8042	9060	93790	1260	782	2042	0	2042	1120	6000	7120	29	11.05		
28		3141	5079	8220	2878	29	1610180	893	7957	8850	94020	1250	707	1957	0	1957	880	6000	6880	30	10.86		
29		2358	5182	7540	2855	30	1612350	903	8032	8940	93670	1250	787	2037	0	2037	800	6000	6800	Jul. 1	10.68		
0		1096	5504	6600	2866	Jul. 1	1612350	1370	8370	9740	93090	1340	1030	2370	0	2370	1170	6000	7170	2	10.66		
1		305	4515	4820	2838	2	1605290	3147	7353	10500	92390	1520	1210	2730	1004	1726	1983	5627	7610	3	10.68		
2		- 703	3603	2900	2752	3	1594960	4545	6355	10900	91810	1610	1290	2900	1174	1726	3251	4629	7880	4	10.80		
3		- 786	3286	2500	2739	4	1584640	5075	6025	11100	91460	1610	1280	2890	1164	1726	3681	4299	7980	5	10.80		
4		652	3108	3760	2733	5	1575940	5459	5841	11300	91230	1610	1260	2870	1144	1726	3925	4115	8040	6	10.84		
5		266	3824	4090	2700	6	1572140	5076	6524	11600	91810	1610	1310	2920	1194	1726	3372	4798	8170	7	10.80		
6		- 75	3835	3760	2685	7	1555440	5480	6520	12000	91920	1650	1310	2960	1234	1726	3596	4794	8390	8	10.87		
7		- 267	3997	3730	2664	8	1543730	5639	6661	12300	92040	1710	1310	3020	1294	1726	3785	4935	8720	9	10.98		
8		- 274	4124	3850	2661	9	1532550	5515	6785	12300	92740	1720	1310	3030	1304	1726	3611	5059	8670	10	10.99		
9		- 130	4000	3870	2655	10	1521900	5645	6655	12300	93670	1720	1310	3030	1304	1726	3681	4929	8610	11	10.89		
10		- 381	3621	3240	2647	11	1505450	5732	6268	12000	92860	1720	1300	3020	1294	1726	4178	4542	8720	12	10.90		
11		- 380	2770	2390	2642	12	1492890	6488	5412	11900	93790	1720	1300	3020	1294	1726	4844	3686	8530	13	10.85		
12		- 263	1723	1460	2635	13	1477180	7542	4358	11900	94250	1720	1300	3020	2062	958	5130	3400	8530	14	10.80		
13		- 260	1106	846	2633	14	1458330	8261	3739	12000	94250	1720	1300	3020	2681	339	5240	3400	8640	15	10.86		
14		372	370	742	2629	15	1442360	8901	2999	11900	94490	1720	1300	3020	3020	0	5691	2999	8690	16	10.80		
15	4	1166	154	1320	2632	16	1424880	9014	2786	11800	94250	1720	1300	3020	3020	0	5904	2786	8690	17	10.80		
16	4	1046	154	1200	2626	17	1408940	9020	2780	11800	93440	1680	1290	2970	2970	0	5860	2780	8640	18	10.80		
17	5	865	155	1020	2624	18	1391720	8921	2779	11700	94020	1670	1290	2960	2960	0	5751	2779	8530	19	10.80		



# SNAKE RIVER GAGING STATIONS 1942

ST NEELEY		LAKE WALCOTT Contents AC.-FT.	MINIDOKA CANALS					SNAKE R. NR. MINIDOKA			DATE	MILNER LAKE GAGE	GOODING			NORTH SIDE CANAL CO.									
AM.	TOTAL		NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL	P.A.	GOODING	MAIN	TOTAL	STOR.	NORM.	TWIN FALLS CAN. CO.			
73	8560	100 370	1290	886	2176	0	2176	-397	6797	6400	Jun. 3	10.74	480	850	1330	63	860	2180	3103						
77	8730	100 250	1290	1030	2320	0	2320	-287	6657	6370	4	10.47	654	676	1330	63	850	2210	3123	0	3103				
80	9060	100 010	1290	1160	2450	0	2450	960	5730	6690	5	10.43	1330	0	1330	63	850	2200	3123	0	3123	0	2680		
01	9400	100 130	1330	1220	2550	0	2550	1149	5751	6900	6	10.50	1340	0	1340	63	860	2190	3113	113	3000	0	2710		
21	9950	100 250	1450	1220	2670	0	2670	1379	5851	7230	7	10.49	1340	0	1340	63	860	2180	3113	113	3000	0	2720		
09	10600	98 560	1550	1260	2810	84	2726	1537	5983	7520	8	10.84	1350	0	1350	63	870	2180	3103	103	3000	0	2740		
00	10800	99 040	1600	1320	2920	194	2726	1536	6234	7770	9	11.08	1350	0	1350	63	880	2230	3113	113	3000	0	2840		
39	10400	99 520	1610	1340	2950	224	2726	947	6413	7360	10	11.08	1221	79	1300	63	880	2230	3173	0	3173	0	2990		
84	10300	99 040	1610	1320	2930	204	2726	442	6758	7200	11	11.00	916	314	1230	63	890	2280	3233	0	3173	0	3010		
19	10300	99 160	1610	1320	2930	204	2726	-223	7393	7170	12	11.00	390	850	1240	63	890	2330	3283	0	3233	0	3060		
88	10300	99 520	1610	1320	2930	204	2726	-262	7462	7200	13	11.03	390	850	1240	62	890	2350	3302	0	3283	0	3110		
88	10400	100 010	1620	1280	2900	174	2726	-182	7442	7260	14	11.00	390	850	1240	62	890	2360	3312	0	3302	0	3160		
8	10400	99 760	1620	1260	2880	154	2726	-162	7392	7230	15	10.80	420	850	1270	62	880	2340	3312	0	3312	0	3130		
10	10400	99 520	1620	1270	2890	164	2726	576	6764	7340	16	11.08	1159	161	1320	62	890	2370	3322	0	3322	0	3110		
6	10300	100 490	1620	1240	2860	134	2726	1500	6000	7500	17	11.18	1320	0	1320	62	890	2200	3152	152	3000	100	3000		
6	9780	100 730	1620	1200	2820	94	2726	1040	6000	7040	18	10.98	1310	0	1310	62	880	2200	3142	142	3000	50	3000		
6	9520	99 760	1610	1160	2770	44	2726	660	6000	6660	19	10.78	1310	0	1310	61	870	2200	3132	132	3000	40	3000		
6	9440	100 490	1620	1140	2760	34	2726	580	6000	6580	20	10.63	1310	0	1310	61	870	2200	3131	131	3000	30	3000		
	9360	99 800	1610	1090	2700	0	2700	660	6000	6660	21	10.56	1310	0	1310	61	880	2210	3151	151	3000	30	3000		
	9230	99 280	1610	1070	2680	0	2680	720	6000	6720	22	10.61	1310	0	1310	61	880	2210	3151	151	3000	20	3000		
	9230	98 560	1590	1060	2650	0	2650	1010	6000	7010	23	10.75	1320	0	1320	62	880	2210	3152	152	3000	20	3000		
	9150	96 390	1540	1060	2600	0	2600	1150	6000	7150	24	10.87	1320	0	1320	62	880	2240	3182	182	3000	10	3000		
	9480	95 180	1530	1060	2590	864	1726	1058	5952	7010	25	10.83	1320	0	1320	62	880	2240	3182	182	2952	0	2990		
	9780	93 670	1530	1100	2630	904	1726	2580	4400	6980	26	10.87	1320	0	1320	62	880	2250	3192	192	1400	10	3000		
	9740	94 250	1410	1080	2490	764	1726	2528	4562	7090	27	10.86	1310	0	1310	51	870	2220	3141	1574	1562	10	3000		
	9230	93 790	1290	916	2206	480	1726	1811	5309	7120	28	10.92	1310	0	1310	63	880	2210	3153	844	2309	10	3000		
	9060	93 790	1260	782	2042	0	2042	1120	6000	7120	29	11.05	1310	0	1310	63	880	2210	3153	153	3000	40	3000		
	8850	94 020	1250	707	1957	0	1957	880	6000	6880	30	10.86	1300	0	1300	63	880	2230	3173	173	3000	30	3000		
	8940	93 670	1250	787	2037	0	2037	800	6000	6800	Jul. 1	10.68	1300	0	1300	62	870	2260	3192	192	3000	30	3000		
	9740	93 090	1340	1030	2370	0	2370	1170	6000	7170	2	10.66	1310	0	1310	62	880	2350	3292	292	3000	130	3000		
10500	92390		1520	1210	2730	1004	1726	1983	5627	7610	3	10.68	1310	0	1310	62	880	2360	3302	675	2637	230	3000		
10900	91810		1610	1290	2900	1174	1726	3251	4629	7880	4	10.80	1410	0	1410	62	890	2390	3342	1713	1629	260	3000		
11100	91460		1610	1280	2890	1164	1726	3681	4299	7980	5	10.80	1490	0	1490	62	880	2410	3352	2053	1299	260	3000		
11300	91230		1610	1260	2870	1144	1726	3925	4115	8040	6	10.84	1490	0	1490	62	880	2440	3392	2277	1115	320	3000		
11600	91810		1610	1310	2920	1194	1726	3372	4798	8170	7	10.80	1490	0	1490	62	890	2440	3392	2277	1115	320	3000		
12000	91920		1650	1310	2960	1234	1726	3596	4794	8390	8	10.87	1520	0	1520	61	890	2510	3461	1663	1798	400	3000		
12300	92040		1710	1310	3020	1294	1726	3785	4935	8720	9	10.98	1590	0	1590	56	900	2590	3546	1752	1794	480	3000		
12300	92740		1720	1310	3030	1304	1726	3611	5059	8670	10	10.99	1590	0	1590	62	910	2630	3602	1667	1935	500	3000		
12300	93670		1720	1310	3030	1304	1726	3681	4929	8610	11	10.89	1590	0	1590	62	910	2630	3602	1543	2059	460	3000		
12000	92860		1720	1300	3020	1294	1726	4178	4542	8720	12	10.90	1590	0	1590	62	900	2630	3592	1663	1929	470	3000		
11900	93790		1720	1300	3020	129																			



## STATIONS

1942

PLATE NO. 12

SWAN R. NR MINIDOKA				DATE	MILNER LAKE GAGE	GOODING			P.R.	NORTH SIDE CANAL CO.			TWIN FALLS CAN. CO.	MILNER LOW LIFT	SHAKE R AT MILNER		
STOR.	NORM.	TOTAL	STOR.			STOR.	NORM.	TOTAL		STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL
2176	-347	6797	6400	3	10.74	480	850	1330	63	860	2180	3103	0	3103	0	121	121
2320	-287	6657	6370	4	10.47	654	676	1330	63	850	2210	3123	0	3123	0	121	121
2450	940	5730	6690	5	10.43	1330	0	1330	63	850	2200	3113	0	3113	0	120	120
2530	1144	5751	6900	6	10.50	1340	0	1340	63	860	2190	3113	113	3000	0	120	120
2670	1374	5851	7230	7	10.49	1350	0	1350	63	860	2180	3103	113	3000	0	124	124
2726	1537	6234	7770	8	10.84	1350	0	1350	63	870	2180	3113	103	3000	0	128	128
2726	1534	6413	7360	9	11.08	1221	79	1300	63	880	2230	3173	113	3000	0	128	128
2726	1534	6413	7360	10	11.08	916	314	1230	63	880	2230	3173	0	3173	0	78	55
2726	1534	6413	7360	11	11.00	390	850	1240	63	880	2230	3173	0	3173	0	135	135
2726	1534	6413	7360	12	11.00	390	850	1240	62	890	2330	3283	0	3283	0	135	145
2726	-213	7393	7170	13	11.03	390	850	1240	62	890	2350	3302	0	3302	0	135	145
2726	-213	7462	7200	14	11.00	390	850	1270	62	890	2360	3312	0	3312	0	135	145
2726	-181	7442	7260	15	11.00	420	850	1320	62	890	2340	3282	0	3312	0	135	145
2726	-181	7342	7230	16	11.08	1159	161	1320	62	890	2370	3322	0	3322	0	11	135
2726	576	6704	7340	17	11.18	1320	0	1320	62	890	2200	3152	152	3000	146	0	146
2726	1500	6000	7500	18	10.98	1310	0	1310	62	880	2200	3142	142	3000	145	0	146
2726	1040	6000	7040	19	10.78	1310	0	1310	62	870	2200	3132	132	3000	145	0	145
2726	660	6000	6660	20	10.63	1310	0	1310	61	870	2200	3131	131	3000	167	0	167
2726	580	6000	6580	21	10.56	1310	0	1310	61	880	2210	3151	151	3000	167	0	167
2700	660	6000	6660	22	10.61	1310	0	1310	61	880	2210	3151	151	3000	158	0	158
2680	720	6000	6720	23	10.75	1320	0	1320	62	880	2210	3152	152	3000	146	0	146
2650	1010	6000	7010	24	10.87	1320	0	1320	62	880	2240	3182	182	3000	146	0	146
2600	1150	6000	7150	25	10.83	1320	0	1320	62	880	2240	3182	230	2952	146	0	146
1726	1058	5952	7010	26	10.87	1320	0	1320	62	880	2250	3192	1792	1400	146	0	146
1726	2580	4400	6980	27	10.86	1310	0	1310	51	870	2220	3141	1574	1562	140	0	140
1726	2538	4562	7090	28	10.92	1310	0	1310	63	880	2210	3153	844	2309	127	0	127
1726	1811	5309	7120	29	11.05	1310	0	1310	63	880	2210	3153	153	3000	127	0	127
1042	1120	6000	7120	30	10.86	1300	0	1300	63	880	2230	3173	173	3000	137	0	137
1957	880	6000	6880	31	10.68	1300	0	1300	62	870	2260	3192	192	3000	148	0	148
2037	800	6000	6800	32	10.66	1310	0	1310	62	880	2350	3292	292	3000	151	0	151
2370	1170	6000	7170	3	10.68	1310	0	1310	62	880	2360	3302	675	2627	163	0	163
1726	1981	5627	7610	4	10.80	1410	0	1410	62	890	2390	3342	1713	1629	163	0	163
1726	3251	4629	7880	5	10.80	1490	0	1490	62	880	2410	3352	2053	1299	161	0	161
1726	3681	4199	7980	6	10.84	1490	0	1490	62	890	2440	3392	2277	1115	165	0	165
1726	3921	4115	8040	7	10.80	1490	0	1490	61	840	2510	3461	1663	1798	165	0	165
1726	3372	4798	8170	8	10.87	1520	0	1520	56	400	2590	3546	1752	1794	165	0	165
1726	3596	4794	8390	9	10.98	1590	0	1590	62	410	2630	3602	1667	1935	158	0	158
1726	3781	4935	8720	10	10.99	1590	0	1590	62	410	2630	3602	1543	2059	160	0	160
1726	3611	5059	8670	11	10.89	1590	0	1590	62	400	2620	3592	2906	686	163	0	163
1726	3611	4929	8610	12	10.90	1610	0	1610	62	410	2620	3592	3192	400	163	0	163
1726	4176	4542	8720	13	10.85	1610	0	1610	62	410	2610	3579	3179	400	163	0	163
1726	4844	3686	8530	14	10.86	1610	0	1610	59	400	2600	3562	3210	352	164	0	164
958	5130	3400	8530	15	10.82	1600	0	1600	62	890	2590	3542	3214	328	166	0	166
339	5240	3400	8640	16	10.85	1600	0	1600	62	900	2580	3542	3215	327	167	0	167
0	5691	2999	8690	17	10.86	1600	0	1600	62	900	2580	3542	3215	327	167	0	167
0	5901	2784	8690	18	10.86	1600	0	1600	62	900	2580	3542	3215	327	167	0	167
0	5861	2780	8640	19	10.86	1600	0	1600	62	900	2580	3542	3215	327	167	0	167
0	5751	2779	8530	20	10.86	1600	0	1600	62	900	2580	3542	3215	327	167	0	167



DATE	JACKSON LAKE Contents Ac-Ft.	SNAKE R. AT MORAN			MORAN TO HEISE		DATE	HEISE + RILEY			STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIV. HEISE TO SHELLEY			DATE	SNAKE R. NR. SHELLEY			DIV. SHELLEY
		STOR.	NORM.	TOTAL	STORAGE LOSS	STORAGE DIV.		STOR.	NORM.	TOTAL	MARKET LAKE	HENRYS FR. NR. REZBURG		STOR.	NORM.	TOTAL		STOR.	NORM.	TOTAL	
July 15	828 400	3210	1730	4940	80	5	July 16	3125	8703	11828	9	31	153	1681	6987	8668	July 17	1331	3509	4840	1680
16	822 800	3128	1632	4760	78	5	17	3045	8676	11721	9	2	149	1738	6978	8736	18	1149	3571	4720	
17	817 230	2900	1600	4500	72	5	18	2823	8497	11320	9	-25	138	1811	6975	8786	19	858	3552	4414	
18	812 180	2815	1565	4380	70	5	19	2740	8084	10824	9	-93	134	1644	6996	8640	20	878	3042	3420	
19	806 120	3490	1530	5020	87	5	20	3398	7327	10725	9	-231	165	1780	6851	8631	21	1231	2479	3710	
20	799 040	4078	1502	5580	102	5	21	3971	6854	10825	8	-214	183	1872	6834	8706	22	1710	1470	3620	
21	790 240	4690	1490	6180	117	5	22	4568	6458	11026	8	-244	222	2061	6678	8739	23	2049	1751	3808	
22	780 720	5040	1440	6480	126	9	23	4905	6219	11124	8	-253	238	2037	6668	8705	24	2385	1515	3980	
23	771 440	4635	1405	6040	116	15	24	4504	6120	10624	8	-203	219	2020	6553	8573	25	2670	1550	3650	
24	761 720	5090	1370	6460	127	17	25	4946	5978	10924	8	-171	240	2021	6497	8518	26	2522	1278	3800	
25	751 760	5200	1320	6520	130	19	26	5051	5976	11027	8	-392	245	2030	6528	8558	27	2342	1558	3400	
26	741 340	5190	1310	6500	130	19	27	5041	5981	11022	8	-420	244	1957	6507	8464	28	2428	1402	3800	
27	731 200	5090	1260	6350	137	16	28	4947	5874	10821	8	-308	241	1947	6504	8451	29	2459	1271	3700	
28	721 560	5010	1230	6240	125	29	29	4856	5862	10718	8	-288	236	2000	6469	8464	30	2340	1340	3400	
29	710 760	5080	1230	6310	127	33	30	4920	5904	10824	8	-174	240	2069	6322	8391	31	2445	1305	3700	
30	701 180	4990	1200	6190	125	30	31	4835	5778	10613	8	-153	236	2118	6013	8131	Aug 1	2336	1444	3780	
Aug 1	681 400	4890	1130	6020	122	28	2	4740	5372	10112	8	-21	230	2133	6017	8150	2	2333	1417	3730	
2	671 650	5100	1110	6210	127	29	3	4944	5274	10218	8	-69	232	2015	6003	8018	3	2432	1248	3680	
3	661 240	4924	1096	6020	123	29	4	4772	5346	10118	8	-55	241	2239	5988	8227	4	2417	1153	3700	
4	651 800	3808	1082	4890	95	32	5	3681	5514	9195	8	-55	232	2388	5865	8253	5	2105	1315	3400	
5	644 800	3148	1062	4210	79	31	6	3038	5222	8260	8	-9	179	2569	5608	8177	6	932	1988	2400	
6	637 820	3850	860	4710	96	31	7	3722	4694	8416	8	30	148	2254	5532	7786	7	674	1766	2440	
7	629 160	4950	850	5800	124	32	8	4794	4476	9270	8	28	182	2098	5551	7649	8	1478	992	2470	
8	619 820	4911	839	5750	123	32	9	4756	4444	9200	8	58	234	2269	5487	7756	9	2357	813	3170	
9	610 020	4722	828	5550	118	27	10	4577	4422	8999	8	89	233	2548	5204	7752	10	2072	1328	3400	
10	601 190	4572	828	5400	114	27	11	4425	4331	8756	8	75	224	2565	5119	7684	11	1871	1319	3140	
11	592 170	4515	828	5340	114	33	12	4425	4331	8756	8	15	216	2264	5133	7397	12	1968	1282	3230	
12	583 390	4385	825	5210	110	32	13	4244	4310	8554	8	14	214	2397	5079	7476	13	1781	1424	3210	
13	574 630	4325	825	5150	108	32	14	4185	4199	8384	8	-58	207	1968	5059	7027	14	2019	1211	3230	
14	565 910	4255	825	5080	106	31	15	4113	4199	8312	8	-132	204	2071	5000	7071	15	1786	1284	3070	
15	557 200	4485	825	5310	112	36	16	4337	4076	8413	8	-101	201	1882	4982	6864	16	1937	1173	3110	
16	547 810	4625	825	5450	115	36	17	4476	4007	8483	8	-368	210	1762	5001	6763	17	2005	1145	3030	
17	539 150	4575	825	5400	114	34	18	4433	4010	8443	8	-350	217	2307	4892	7199	18	1610	1340	3000	
18	530 020	4515	825	5340	113	28	19	4376	4010	8443	8	-356	215	2199	4882	7081	19	1671	1229	2980	
19	520 960	4570	800	5370	114	26	20	4430	3911	8341	8	-333	212	1995	5065	7060	20	1844	926	2770	
20	512 130	4275	775	5050	107	19	21	4139	4006	8382	8	-327	214	2020	5062	7082	21	1877	863	2790	
21	504 010	3750	750	4500	94	26	22	3628	3970	7598	8	-286	201	2111	5117	7228	22	1549	1131	2680	
22	496 160	3775	725	4500	94	29	23	3651	3970	7598	8	-214	176	1805	4859	6664	23	1441	1019	2640	
23	488 780	3900	700	4600	98	28	24	3772	3822	7473	8	-222	177	1738	4909	6647	24	1522	868	2390	
24	480 720	4250	700	4950	106	30	25	4115	3670	7442	7	-277	183	1717	4817	6534	25	1602	748	2350	
25	472 700	3985	700	4950	106	24	26	3856	3759	7874	7	-292	200	1533	5100	6633	26	2097	573	2400	
26	464 680	3889	700	4950	106	29	27	3766	3977	7833	7	-258	187	1408	4873	6281	27	2010	850	2600	
27	456 920	4010	700	4710	100	26	28	3885	4037	7803	7	-233	183	1650	4873	6523	28	1707	1143	2500	
28	448 280	4270	700	4970	107	27	29	4145	3626	7511	7	-247	188	1574	4847	6421	29	1883	837	2300	
29	439 630	4130	700	4830	103	25	30	4009	3557	7702	7	-344	200	1621	4827	6448	30	1987	873	2300	
30	431 950	3620	700	4320	91	18	31	3516	3723	7732	7	-350	194	1812	4753	6565	31	1660	1190	2300	
						13			3734	7250	7	-268	171	1375	4684	6059	Sept 1	1709	1051	2300	



# DAILY SUMMARY OF DATA AT AND BETWEEN

DATE	STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIV. HEISE TO SHELLEY			DATE	SNAKE R. NR. SHELLEY			DIV. SHELLEY-BLACKFOOT			SHELLEY BLACKFOOT STORAGE LOSS	THEORETICAL BALANCE STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	24 HOUR SECOND- FEET EXCEPT			DATE	AM. FALL RESERVOIR Contents At	
	MARKET LAKE	HENRYS FK. NR. REXBURG		STOR.	NORM.	TOTAL		STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL					SNAKE R. AT CLOUGH	CALCULATED INFLOW CLOUGH TO NEELEY				
				STOR.	NORM.	TOTAL		STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL					STOR.	NORM.	TOTAL			
7/17	9	31	153	1681	6987	8668	July 17	1331	3509	4840	120	3525	3645	73									
7/18	9	2	149	1758	6978	8736	18	1149	3571	4720	121	3524	3645	61	1138	July 18	5					July 18	
7/19	9	-25	138	1811	6975	8786	19	858	3552	4410	105	3498	3603	45	967	19	6	945	155	1100	2623	19	1378 11
7/20	9	-93	134	1644	6996	8640	20	878	3042	3920	214	3302	3516	40	708	20	5	746	156	902	2622	20	1361 97
7/21	9	-231	165	1780	6851	8631	21	1231	2479	3710	796	2588	3384	26	624	21	5	527	155	682	2613	21	1346 00
7/22	8	-214	183	1872	6834	8706	22	1710	1970	3680	1195	2037	3232	31	409	22	5	240	155	345	2606	22	1328 18
7/23	8	-244	222	2061	6678	8739	23	2049	1751	3800	1354	1866	3220	42	484	23	5	220	155	375	2603	23	1310 36
7/24	8	-253	238	2037	6668	8705	24	2385	1515	3900	1200	1858	3058	71	653	24	6	100	155	255	2591	24	1292 75
7/25	8	-203	219	2020	6553	8573	25	2070	1550	3620	1203	1801	3004	52	1114	25	6	266	156	422	2604	25	1275 70
7/26	8	-171	240	2021	6497	8518	26	2522	1278	3800	1519	1528	3047	60	815	26	3	463	156	619	2608	26	1257 20
7/27	8	-392	245	2030	6528	8558	27	2392	1558	3950	1674	1370	3047	43	943	27	2	387	153	540	2604	27	1234 92
7/28	8	-420	244	1957	6507	8464	28	2428	1402	3830	1812	1198	3010	37	675	28	3	516	152	668	2597	28	1222 66
7/29	8	-308	241	1947	6504	8451	29	2459	1271	3730	1840	1131	2971	37	579	29	3	529	153	682	2597	29	1204 04
7/30	8	-288	236	2000	6469	8469	30	2340	1340	3680	1806	831	2637	32	582	30	3	494	153	647	2612	30	1188 00
7/31	8	-174	240	2069	6322	8391	31	2445	1305	3750	1754	1202	2956	41	502	31	2	573	153	726	2605	31	1170 14
8/1	8	-153	236	2118	6013	8131	Aug 1	2336	1444	3780	1768	1203	2971	34	650	Aug 1	2	432	152	584	2586	Aug 1	1157 00
8/2	8	-21	230	2133	6017	8150	2	2333	1417	3750	1774	1218	2992	34	534	2	2	495	152	647	2594	2	1140 4
8/3	8	-69	232	2015	6003	8018	3	2432	1248	3680	1685	1220	2905	45	525	3	4	509	152	661	2592	3	1122 9
8/4	8	-55	241	2239	5988	8227	4	2417	1153	3570	1697	1193	2890	43	702	4	4	564	154	718	2592	4	1106 0
8/5	8	-55	232	2388	5865	8253	5	2105	1315	3420	1761	1124	2885	21	677	5	4	437	154	591	2585	5	1085 3
8/6	8	-9	179	2569	5608	8177	6	932	1988	2920	1491	1092	2583	-33	323	6	4	404	154	558	2581	6	1070 4
8/7	8	30	148	2254	5532	7786	7	674	1766	2440	511	1107	1618	10	-526	7	5	246	154	400	2607	7	1054 6
8/8	8	28	182	2098	5551	7649	8	1478	992	2470	511	1107	1618	10	153	8	5	513	155	668	2602	8	1038 7
8/9	8	58	234	2269	5487	7756	9	1478	992	2470	422	1058	1480	63	993	9	3	611	155	766	2606	9	1022 1
8/10	8	89	233	2548	5204	7752	10	2357	813	3170	591	1097	1688	106	993	10	3	877	153	1038	2609	10	1007 9
8/11	8	75	224	2565	5119	7684	11	2072	1328	3400	896	1101	1997	70	1106	11	4	1007	153	1160	2613	11	992 9
8/12	8	15	216	2264	5133	7397	12	1871	1319	3190	1243	1128	2371	38	590	12	14	812	154	966	2624	12	975 1
8/13	8	14	214	2397	5079	7476	13	1968	1282	3250	1261	1081	2342	42	665	13	17	626	164	790	2636	13	961 4
8/14	8	-58	207	1968	5059	7027	14	1781	1429	3210	1211	1036	2247	34	536	14	24	711	167	878	2614	14	945 3
8/15	8	-132	204	2071	5000	7071	15	2019	1211	3230	1636	1017	2653	23	360	15	21	403	174	577	2607	15	924 6
8/16	8	-101	201	1882	4982	6864	16	1786	1284	3070	1572	1025	2597	13	201	16	18	393	171	564	2599	16	913 4
8/17	8	-368	210	1762	5001	6763	17	1937	1173	3110	1499	1046	2545	26	412	17	17	372	168	540	2618	17	894 0
8/18	8	-350	217	2307	4892	7199	18	2005	1145	3150	1501	1044	2545	30	474	18	4	466	167	633	2616	18	884 1
8/19	8	-356	215	2199	4882	7081	19	1610	1390	3000	1457	1018	2475	9	474	19	3	507	154	661	2630	19	868 0
8/20	8	-333	212	1995	5065	7060	20	1671	1229	2900	1516	959	2475	9	146	20	3	335	153	488	2616	20	848 8
8/21	8	-327	214	2020	5062	7082	21	1844	926	2770	1521	948	2469	19	146	21	3	253	153	406	2609	21	830 8
8/22	8	-286	201	2111	5117	7228	22	1877	863	2740	1526	913	2439	21	304	22	3	152	153	305	2613	22	816 2
8/23	8	-214	176	1805	4859	6664	23	1549	1131	2680	1526	913	2439	21	330	23	3	127	153	280	2609	23	799 2
8/24	8	-222	177	1738	4909	6647	24	1441	1019	2460	1496	950	2446	3	50	24	3	247	153	400	2619	24	779 7
8/25	8	-277	183	1717	4817	6534	25	1522	868	2390	1025	1010	2035	25	391	25	2	259	152	411	2611	25	763 8
8/26	7	-292	200	1533	5100	6633	26	1602	748	2350	982	1040	2022	32	508	26	2	238	152	390	2608	26	747 0
8/27	7	-258	187	1408	4873	6281	27	1522	868	2390	1008	922	1930	36	558	27	4	262	154	416	2613	27	728 1
8/28	7	-233	183	1650	4873	6523	28	2097	573	2670	1042	1002	2044	63	558	28	5	195	155	350	2615	28	713 0
8/29	7	-247	188	1574	48473																		



# OF DATA AT AND BETWEEN SNAKE RIVER GAGING STATIONS

24 HOUR SECOND- FEET EXCEPT AS NOTED

THEORETICAL RANGE PAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE R. AT CLOUGH			CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR Contents Ac-Ft.	SNAKE R. AT NEELEY			LAKE WALCOTT Contents Ac-Ft.	MINIDOKA CANALS					SNAKE R. AT MINIDOKA		
			STOR.	NORM.	TOTAL				STOR.	NORM.	TOTAL		NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL
	July						July													
1138	18	5	945	155	1100	2623	19	1378 110	8822	2778	11600	94250								
967	19	6	746	156	902	2622	20	1361 970	8622	2778	11400	94720	1680	1290	2970	2970	0	5722	2778	8500
708	20	5	527	155	682	2613	21	1346 000	8532	2768	11300	94370	1680	1280	2960	2960	0	5642	2778	8420
624	21	5	240	155	395	2606	22	1328 180	8739	2761	11500	93790	1670	1290	2960	2960	0	5572	2768	8340
409	22	5	220	155	375	2603	23	1310 360	8942	2758	11700	93670	1670	1290	2960	2960	0	5549	2761	8310
484	23	5	100	155	255	2591	24	1292 750	9254	2746	12000	93790	1670	1290	2960	2960	0	5712	2758	8470
653	24	6	266	156	422	2604	25	1275 700	9240	2760	12000	93790	1680	1300	2980	2980	0	5944	2746	8640
1114	25	6	463	156	619	2608	26	1257 200	9236	2764	12000	94020	1680	1290	2970	2970	0	6020	2760	8710
815	26	3	387	153	540	2604	27	1239 920	9243	2757	12000	94250	1680	1270	2950	2950	0	5986	2764	8710
943	27	2	516	152	668	2597	28	1222 660	9051	2749	11800	94490	1680	1280	2960	2960	0	5993	2757	8710
675	28	3	529	153	682	2597	29	1204 040	8850	2750	11600	94020	1680	1290	2970	2970	0	5861	2749	8640
579	29	3	494	153	647	2612	30	1188 030	8735	2765	11500	94250	1680	1290	2970	2970	0	5800	2750	8510
582	30	3	573	153	726	2605	31	1170 140	8842	2758	11600	93790	1680	1280	2960	2960	0	5785	2765	8510
502	31	2	432	152	584	2586	Aug. 1	1157 050	8962	2738	11700	94020	1660	1280	2940	2940	0	5852	2758	8640
650	Aug 1	2	495	152	647	2594	2	1140 450	9054	2746	11800	94020	1630	1280	2910	2910	0	5932	2738	8640
534	2	2	509	152	661	2592	3	1122 940	9056	2744	11800	94020	1630	1230	2860	2860	0	5944	2746	8640
525	3	4	564	154	718	2592	4	1106 040	8954	2746	11700	94490	1630	1240	2870	2870	0	5976	2744	8710
702	4	4	437	154	591	2585	5	1085 350	8961	2739	11700	94490	1630	1240	2870	2870	0	6004	2746	8710
677	5	4	404	154	558	2581	6	1070 470	8865	2735	11600	93790	1630	1240	2870	2870	0	6091	2739	8840
323	6	4	246	154	400	2607	7	1054 620	8739	2761	11500	94140	1610	1240	2850	2850	0	5955	2735	8840
526	7	5	513	155	668	2602	8	1038 780	8643	2757	11400	94370	1550	1260	2810	2810	0	5789	2761	8840
153	8	5	611	155	766	2606	9	1022 160	8639	2761	11400	94490	1520	1270	2790	2790	0	5683	2757	8840
993	9	3	877	153	1030	2609	10	1007 990	8638	2762	11400	94250	1510	1260	2770	2770	0	5599	2761	8840
660	10	3	1007	153	1160	2613	11	992 970	8634	2766	11400	94140	1500	1250	2750	2750	0	5548	2762	8840
1106	11	4	812	154	966	2624	12	975 180	8822	2778	11600	94250	1500	1240	2740	2740	0	5574	2766	8840
590	12	14	626	164	790	2636	13	961 410	8700	2800	11500	93320	1500	1240	2740	2740	0	5662	2778	8840
665	13	17	711	167	878	2614	14	945 560	8719	2781	11500	94140	1500	1240	2740	2740	0	5510	2800	8840
536	14	24	403	174	577	2607	15	929 670	8519	2781	11300	94370	1500	1240	2740	2740	0	5419	2781	8840
360	15	21	393	171	564	2599	16	913 490	8430	2770	11200	94490	1500	1240	2740	2740	0	5339	2781	8840
201	16	18	372	168	540	2618	17	899 010	8214	2786	11000	94720	1500	1240	2740	2740	0	5380	2770	8840
412	17	17	466	167	633	2616	18	884 100	8417	2783	11200	94720	1510	1260	2770	2770	0	5384	2786	8840
474	18	4	507	154	661	2630	19	868 020	8916	2784	11700	94250	1580	1270	2850	2850	0	5497	2783	8840
144	19	3	335	153	488	2616	20	848 800	9031	2769	11800	93900	1610	1250	2860	2860	0	5746	2784	8840
146	20	3	253	153	406	2609	21	830 890	9138	2762	11900	93400	1610	1240	2850	2850	0	5951	2769	8840
304	21	3	152	153	305	2613	22	816 250	9034	2766	11800	93320	1610	1260	2870	2870	0	5988	2762	8840
330	22	3	127	153	280	2609	23	799 200	9038	2762	11800	93320	1610	1260	2870	2870	0	5954	2766	8840
50	23	3	247	153	400	2619	24	779 760	8928	2772	11700	93790	1620	1230	2850	2850	0	5988	2762	8840
391	24	2	259	152	411	2611	25	763 890	8737	2763	11500	94020	1620	1230	2850	2850	0	6008	2772	8840
508	25	2	238	152	390	2608	26	747 060	8640	2760	11400	94020	1560	1240	2800	2800	0	5957	2763	8840
558	26	4	262	154	416	2613	27	728 100	8533	2767	11300	94020	1500	1230	2730	2730	0	5770	2760	8840
992	27	5	195	155	350	2615	28	713 080	8430	2770	11200	93790	1440	1210	2650	2650	0	5763	2767	8840
450	28	3	212	153	365	2615	29	696 000	8432	2768	11200	93090	1360	1210	2570	2570	0	5670	2770	8840
181	29	3	212	153	365	2615	30	681 650	8432	2768	11200	93790	1330	1180	2510	2510	0	5702	2768	8840
316	30	2	153	152	305	2615	31	665 710	8133	2767	10900	93090	1330	1180	2510	2510	0	5622	2768	8840
429	31	2	264	152	416	2614	Sep. 1	650 110	7834	2766	10600	93790	1260	1150	2410	2410	0	5433	2767	8840
- 37	Sept 1	3	227	153	380	2610	2	634 920	7637	2763	10400	93550	1210	1130	2340	2340	0	5194	2766	8840
41	2	3	177	153	330	2611	3	620 100	7536	2764	10300	94140	1210	1140	2350	2350	0	4977	2763	8840
												94370	1210	1160	2370	2370	0	5036	2764	8840
												94020								



COTT C.-FT.	MINIDOKA CANALS					SNAKE R. AT MINIDOKA			DATE	MILNER LAKE GAGE	GOODING			NORTH SIDE CANAL CO.					TWIN FALLS CAN. CO.			
	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL	R.R.	GOODING	MAIN	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL
0	1680	1290	2970	2970	0	5722	2778	8500	July 20	10.91	1600	0	1600	62	900	2580	3542	3215	327	1029	2451	348
0	1680	1280	2960	2960	0	5642	2778	8420	21	10.91	1600	0	1600	62	910	2560	3532	3205	327	1029	2451	348
0	1670	1290	2960	2960	0	5572	2768	8340	22	10.76	1600	0	1600	62	910	2560	3532	3207	325	1057	2443	35
0	1670	1290	2960	2960	0	5549	2761	8310	23	10.66	1600	0	1600	62	910	2540	3562	3237	325	1044	2436	35
0	1670	1290	2960	2960	0	5712	2758	8470	24	10.64	1600	0	1600	62	910	2640	3612	3288	324	1126	2434	35
0	1670	1290	2960	2960	0	5944	2746	8690	25	10.72	1600	0	1600	62	910	2690	3662	3339	323	1167	2423	35
0	1680	1300	2980	2980	0	6020	2760	8780	26	10.73	1610	0	1610	62	910	2650	3622	3297	325	1155	2435	35
0	1680	1290	2970	2970	0	5986	2764	8750	27	10.83	1630	0	1630	62	920	2620	3602	3277	325	1141	2439	35
0	1680	1270	2950	2950	0	5993	2757	8750	28	10.92	1630	0	1630	62	920	2610	3592	3268	324	1137	2433	35
0	1680	1280	2960	2960	0	5861	2749	8610	29	10.83	1620	0	1620	62	940	2600	3602	3279	323	1124	2426	35
0	1680	1290	2970	2970	0	5800	2750	8550	30	10.83	1620	0	1620	62	950	2600	3612	3289	323	1133	2427	35
0	1680	1290	2970	2970	0	5785	2765	8550	31	10.74	1620	0	1620	62	960	2590	3612	3287	325	1140	2440	35
0	1680	1280	2960	2960	0	5852	2758	8610	Aug. 1	10.74	1610	0	1610	62	970	2610	3642	3318	324	1136	2434	35
0	1660	1280	2940	2940	0	5932	2738	8670	2	10.78	1610	0	1610	62	970	2620	3652	3350	322	1134	2416	35
0	1630	1280	2910	2910	0	5944	2746	8690	3	10.79	1600	0	1600	62	970	2620	3652	3329	323	1127	2423	35
0	1630	1230	2860	2860	0	5976	2744	8720	4	10.86	1590	0	1590	62	960	2630	3652	3329	323	1109	2421	35
0	1630	1240	2870	2870	0	6004	2746	8750	5	10.84	1580	0	1580	63	950	2650	3663	3340	323	1107	2423	35
0	1630	1240	2870	2870	0	6091	2739	8830	6	10.97	1580	0	1580	63	950	2680	3693	3371	322	1123	2417	35
0	1610	1240	2850	2850	0	5955	2735	8690	7	10.98	1570	0	1570	63	950	2650	3663	3341	322	1117	2413	35
0	1550	1260	2810	2810	0	5789	2761	8550	8	10.94	1490	0	1490	63	940	2650	3653	3328	325	1084	2436	35
0	1520	1270	2790	2790	0	5683	2757	8440	9	10.92	1430	0	1430	63	940	2660	3663	3338	325	1088	2432	35
0	1510	1260	2770	2770	0	5599	2761	8360	10	10.91	1430	0	1430	62	930	2620	3612	3287	325	1084	2436	35
0	1500	1250	2750	2750	0	5548	2762	8310	11	10.87	1430	0	1430	62	920	2610	3542	3267	325	1093	2437	35
0	1500	1240	2740	2740	0	5574	2766	8340	12	10.81	1420	0	1420	62	910	2600	3572	3246	326	1060	2440	35
0	1500	1240	2740	2740	0	5662	2778	8440	13	10.86	1400	0	1400	62	920	2640	3622	3295	327	1089	2451	35
0	1500	1240	2740	2740	0	5510	2800	8310	14	10.84	1400	0	1400	62	910	2610	3582	3253	329	1059	2471	35
0	1500	1240	2740	2740	0	5419	2781	8200	15	10.80	1390	0	1390	62	910	2580	3552	3225	327	1066	2454	35
0	1500	1240	2740	2740	0	5339	2781	8120	16	10.74	1390	0	1390	62	910	2550	3522	3195	327	1046	2454	35
0	1500	1240	2740	2740	0	5380	2770	8150	17	10.76	1400	0	1400	62	910	2540	3512	3186	326	1066	2444	35
0	1510	1260	2770	2770	0	5384	2786	8170	18	10.74	1390	0	1390	62	910	2540	3512	3185	327	1031	2459	34
0	1580	1270	2850	2850	0	5497	2783	8280	19	10.76	1390	0	1390	62	900	2550	3512	3185	327	1044	2456	35
0	1610	1250	2860	2860	0	5746	2784	8530	20	10.72	1390	0	1390	62	900	2590	3552	3225	327	1063	2457	35
0	1610	1240	2850	2850	0	5951	2769	8720	21	10.68	1400	0	1400	62	900	2600	3562	3236	326	1077	2443	35
0	1610	1260	2870	2870	0	5988	2762	8750	22	10.79	1430	0	1430	62	910	2610	3582	3257	325	1083	2437	35
0	1610	1260	2870	2870	0	5954	2766	8720	23	10.82	1450	0	1450	62	910	2610	3582	3257	325	1089	2441	35
0	1620	1230	2850	2850	0	5988	2762	8750	24	10.86	1450	0	1450	62	910	2610	3582	3257	325	1093	2437	35
0	1620	1230	2850	2850	0	6008	2772	8780	25	10.94	1450	0	1450	62	910	2600	3572	3246	326	1094	2446	35
0	1560	1240	2800	2800	0	5957	2763	8720	26	10.94	1450	0	1450	62	900	2610	3572	3247	325	1082	2438	35
0	1500	1230	2730	2730	0	5770	2760	8530	27	10.80	1440	0	1440	62	890	2620	3572	3247	325	1065	2435	35
0	1440	1210	2650	2650	0	5763	2767	8530	28	10.80	1440	0	1440	62	900	2650	3612	3287	325	1068	2442	35
0	1360	1210	2570	2570	0	5670	2770	8440	29	10.69	1430	0	1430	62	900	2620	3582	3256	326	1036	2444	35
0	1330	1180	2510	2510	0	5702	2768	8470	30	10.80	1440	0	1440	62	910	2610	3582	3256	326	1038	2442	35
0	1330	1180	2510	2510	0	5622	2768	8390	31	10.90	1430	0	1430	62	910	2610	3582	3256	326	1018	2442	35
0	1260	1150	2410	2410	0	5433	2767	8200	Sep. 1	10.96	1430	0	1430	63	920	2590	3573	3248	325	918	2442	35
0	1210	1130	2340	2340	0	5194	2766	7960	2	10.86	1410	0	1410	63	920	2520	3503	3178	325	899	2441	35
0	1210	1140	2350	2350	0	4977	2763	7740	3	10.72	1400	0	1400	63	910	2510	3483	3158	325	872	2438	35
0	1210	1160	2370	2370	0	5036	2764	7800	4	10.65	1400	0	1400	63	910	2520	3493	3168	325	811	2439	35



## STATIONS

1942

PLATE NO. 12A

SNAKE R. AT MINIDOKA					DATE	GOODING			NORTH SIDE CANAL CO.				TWIN FALLS CAN. CO.			MILNER LOW LIFT			SNAKE R AT MILNER		
STOR.	NORM.	STOR.	NORM.	TOTAL		STOR.	NORM.	TOTAL	RA.	GOODING	MAIN	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
170	0	5722	2778	8500	Jul	10.91	1600	0	1600	62	900	2580	3542	3215	327	1024	2451	3486	167	0	167
160	0	5642	2778	8420	20	10.91	1600	0	1600	62	910	2560	3532	3205	327	1024	2451	3486	167	0	167
160	0	5572	2768	8340	21	10.76	1600	0	1600	62	410	2560	3532	3207	325	1057	2443	3500	167	0	167
160	0	5549	2761	8310	22	10.66	1600	0	1600	62	410	2590	3562	3237	325	1094	2456	3530	167	0	167
160	0	5712	2758	8470	23	10.64	1600	0	1600	62	410	2640	3662	3339	323	1126	2434	3540	167	0	167
160	0	5444	2746	8190	24	10.72	1610	0	1610	62	910	2650	3622	3297	325	1167	2423	3540	167	0	167
180	0	6020	2760	8780	25	10.73	1610	0	1630	62	920	2620	3602	3277	325	1155	2435	3540	157	0	157
170	0	5486	2764	8250	26	10.83	1630	0	1630	62	920	2610	3542	3268	324	1137	2439	3580	167	0	167
150	0	5493	2757	8250	27	10.92	1620	0	1620	62	940	2600	3602	3279	323	1124	2433	3570	167	0	167
160	0	5861	2744	8605	28	10.83	1620	0	1620	62	950	2600	3612	3289	323	1133	2426	3550	167	0	167
170	0	5800	2750	8550	29	10.83	1620	0	1620	62	960	2590	3612	3287	325	1140	2427	3560	167	0	167
170	0	5785	2765	8550	30	10.74	1620	0	1610	62	970	2610	3642	3318	324	1136	2440	3580	167	0	167
160	0	5852	2758	8610	31	10.74	1610	0	1610	62	970	2620	3652	3330	322	1134	2434	3570	168	0	168
140	0	5432	2738	8170	Aug	10.74	1610	0	1610	62	970	2620	3652	3329	323	1127	2416	3550	169	0	169
160	0	5444	2746	8190	1	10.78	1600	0	1600	62	960	2630	3652	3329	323	1109	2423	3550	169	0	169
160	0	5476	2744	8220	2	10.79	1590	0	1590	62	960	2650	3663	3340	323	1107	2423	3530	169	0	169
170	0	6004	2746	8750	3	10.86	1580	0	1580	63	950	2680	3693	3371	322	1123	2417	3540	169	0	169
170	0	6091	2739	8830	4	10.84	1580	0	1580	63	950	2680	3693	3371	322	1123	2417	3540	169	0	169
170	0	5955	2735	8690	5	10.97	1570	0	1570	63	950	2650	3663	3341	322	1117	2413	3530	169	0	169
170	0	5789	2761	8550	6	10.48	1490	0	1490	63	940	2650	3653	3328	325	1084	2436	3520	170	0	170
170	0	5683	2757	8440	7	10.44	1490	0	1430	63	940	2660	3663	3338	325	1088	2432	3520	168	0	168
170	0	5599	2761	8360	8	10.92	1430	0	1430	62	930	2620	3612	3287	325	1084	2436	3520	168	0	168
170	0	5548	2762	8310	9	10.91	1430	0	1430	62	920	2610	3592	3267	325	1093	2437	3530	167	0	167
170	0	5574	2766	8340	10	10.87	1430	0	1430	62	920	2600	3572	3246	326	1060	2440	3500	167	0	167
170	0	5662	2778	8440	11	10.81	1420	0	1420	62	910	2640	3622	3295	327	1089	2451	3540	169	0	169
170	0	5510	2800	8310	12	10.86	1400	0	1400	62	920	2640	3622	3295	327	1089	2451	3540	169	0	169
170	0	5419	2781	8200	13	10.84	1400	0	1400	62	910	2610	3582	3253	329	1059	2471	3530	168	0	168
170	0	5339	2781	8120	14	10.80	1390	0	1390	62	910	2580	3552	3225	327	1066	2454	3520	166	0	166
170	0	5380	2770	8150	15	10.74	1390	0	1390	62	910	2550	3522	3195	327	1046	2454	3500	166	0	166
170	0	5384	2786	8170	16	10.76	1400	0	1400	62	910	2540	3512	3186	326	1066	2444	3510	165	0	165
170	0	5497	2783	8280	17	10.74	1390	0	1390	62	910	2540	3512	3185	327	1031	2459	3440	165	0	165
170	0	5746	2784	8530	18	10.76	1390	0	1390	62	900	2550	3512	3185	327	1044	2456	3500	165	0	165
170	0	5951	2769	8720	19	10.72	1390	0	1390	62	900	2590	3552	3225	327	1063	2457	3520	165	0	165
170	0	5988	2762	8750	20	10.68	1400	0	1400	62	900	2600	3562	3236	326	1077	2443	3520	165	0	165
170	0	5954	2766	8720	21	10.79	1430	0	1430	62	910	2610	3582	3257	325	1083	2437	3520	164	0	164
170	0	5988	2762	8750	22	10.82	1450	0	1450	62	910	2610	3582	3257	325	1084	2441	3530	164	0	164
170	0	6008	2772	8780	23	10.86	1450	0	1450	62	910	2610	3582	3257	325	1084	2441	3530	163	0	163
170	0	5957	2763	8720	24	10.94	1450	0	1450	62	910	2600	3572	3246	325	1093	2437	3530	163	0	163
170	0	5770	2760	8530	25	10.44	1450	0	1450	62	910	2600	3572	3246	326	1094	2446	3540	164	0	164
170	0	5763	2767	8530	26	10.44	1450	0	1450	62	910	2600	3572	3246	326	1094	2446	3540	164	0	164
170	0	5670	2770	8440	27	10.80	1440	0	1440	62	900	2610	3572	3247	325	1082	2438	3520	165	0	165
170	0	5622	2768	8390	28	10.80	1440	0	1440	62	890	2620	3572	3247	325	1065	2435	3500	165	0	165
170	0	5433	2767	8200	29	10.69	1430	0	1440	62	900	2650	3612	3287	325	1068	2442	3510	165	0	165
170	0	5194	2766	7960	30	10.80	1430	0	1430	62	900	2620	3582	3256	326	1036	2442	3480	165	0	165
170	0	4977	2763	7740	31	10.90	1430	0	1440	62	910	2610	3582	3256	326	1038	2442	3460	165	0	165
170	0	5036	2764	7800	32	10.86	1410	0	1430	62	910	2610	3582	3256	326	1018	2442	3360	165	0	165
					33	10.72	1400	0	1410	63	920	2590	3573	3248	325	918	2441	3340	165	0	165
					34	10.65	1400	0	1400	63	920	2520	3503	3178	325	899	2438	3310	165	0	165
										63	910	2510	3483	3158	325	872	2439	3250	165	0	165
										63	910	2520	3493	3168	325	811					



# DAILY SUMMARY

DATE		JACKSON LAKE Contents Ac.-Ft.	SNAKE R. AT MORAN			MORAN TO HEISE		HEISE + RILEY			STORAGE INFLOW HEISE TO SHELLEY			DIV. HEISE TO SHELLEY			SNAKE R. NR. SHELLEY			DIV. SHELLEY-BLACKFOOT			SHELLEY-BLACKFOOT STOR. LOSS		
			STOR.	NORM.	TOTAL	STORAGE LOSS	STORAGE DIV.	DATE	STOR.	NORM.	TOTAL	MARKET LAKE	HENRY'S PK. NEAR REXBURG	STORAGE LOSS HEISE TO SHELLEY	STOR.	NORM.	TOTAL	DATE	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	
Aug 31		424 730	2860	680	3540	72	13	Sep 1	2775	3893	6668	6	-256	135	1373	4727	6100	Sep 2	1017	1473	2490	1659	657	2316	
Sep 1		419 540	2480	680	3160	62	10	2	2408	3657	6065	6	-220	117	1298	4791	6089	3	779	1271	2050	1184	667	1851	
2		414 140	2960	680	3640	74	10	3	2876	3329	6205	5	-143	140	1227	4806	6033	4	1371	684	2060	1169	610	1779	
3		407 430	3680	680	4360	92	7	4	3581	3297	6878	5	-118	175	1269	4795	6064	5	2024	536	2560	1436	662	2098	
4		399 830	4160	680	4840	104	7	5	4049	3332	7381	4	-110	197	1706	4358	6064	6	2040	920	2960	1618	683	2301	
5		391 570	4220	670	4890	105	6	6	4109	3332	7441	4	-83	201	1705	4572	6277	7	2124	926	3050	1993	616	2609	
6		383 150	4190	670	4860	105	4	7	4081	3330	7411	4	-89	199	1609	4544	6153	8	2188	922	3110	1915	637	2552	
7		374 960	3920	670	4590	98		8	3822	3459	7281	4	-112	187	1579	4630	6209	9	1948	952	2900	1931	642	2573	
8		367 460	3450	670	4120	86		9	3364	3455	6819	4	-116	164	1135	4627	5762	10	1953	837	2790	1890	614	2504	
9		360 880	3320	670	3990	83		10	3237	3370	6607	4	-191	158	1271	4509	5780	11	1621	1029	2650	1912	591	2503	
10		353 860	3240	670	3910	81		11	3159	3388	6547	4	-274	153	1076	4910	5986	12	1660	1550	3210	1537	703	2240	
11		347 080	3110	800	3910	78		12	3032	3907	6939	4	-104	148	598	4372	4970	13	2186	2504	4690	994	586	1580	
12		341 220	970	1200	2170	24		13	946	5725	6671		-35	46	290	3862	4152	14	575	4205	4780			1391	
13		340 790			552			14			4503		-460	-2	31	3989	4020	15	-489	3779	3290			1506	
14		340 570			458			15			3960						3917	16						1570	
15		340 570			344			16			3670						3871	17						1540	
16		340 360			274			17			3490						3915	18						1219	
17		340 360			242			18			3360						3910	19						1114	
18		340 570			242			19			3320						3836	20						1088	
19		340 360			224			20			3320						3834	21						1160	
20		340 570			206			21			3280						3606	22						1242	
21		340 790			206			22			3260						3758	23						1296	
22		340 790	-188	470	182	-5		23	-183	3413	3230			-8			3700	24	-175	1665	1490			1542	
23		341 220	338	370	708	8		24	330	2880	3210			16			3822	25	314	1146	1460			1480	
24		339 920	1830	370	2200	46		25	1784	1976	3760			87	101	3847	3948	26	1596	-116	1480	550	547	1097	
25		335 370	2910	370	3280	73		26	2837	2573	5410		-242	137	308	4175	4483	27	2150	440	2590	848	573	1421	
26		329 290	2740	370	3110	69		27	2671	3149	5820		-420	130	333	4160	4493	28	1788	1482	3270	1167	694	1861	
27		324 970	1610	370	1980	40		28	1570	3330	4900		-414	75	281	4081	4362	29	800	1900	2700	1027	652	1679	
28		321 970	700	370	1070	17		29	683	3817	4500		-411	31	244	4174	4418	30	-3	2313	2310	1000	652	1652	
29		321 540	-128	370	242	-3		30	-125	3725	3600		-406	-8	146	3911	4057	Oct 1	-669						
30		321 330																							
Total			246463			6157	1170		239136			616	-17368	11601	118093				92690			84650			



# DAILY SUMMARY OF DATA AT AND BETWEEN S

24 HOUR SECOND - FEET EXCEPT AS NOTED

DATE	STORAGE LOSS HEISE TO SHELLEY	DIV. HEISE TO SHELLEY			DATE	SNAKE R. NR. SHELLEY			DIV. SHELLEY-BLACKFOOT			SHELLEY BLACKFOOT STORAGE LOSS	THEORETICAL BALANCE STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE R. AT CLOUGH			CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR Contents Acft	SNAKE R. AT	
		STOR.	NORM.	TOTAL		STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL					STOR.	NORM.	TOTAL				STOR.	NORM.
6	135	1373	4727	6100	Sept 2	1017	1473	2490	1659	657	2316	-38	-604	Sept 3	3	167	153	320	2609	Sept 4	606 230	7638	2764
0	117	1298	4791	6089	3	779	1271	2050	1184	667	1851	-24	-381	4	3	132	153	285	2612	5	591 850	7835	2765
3	140	1227	4806	6033	4	1371	689	2060	1169	610	1779	12	190	5	3	137	153	290	2612	6	576 190	7835	2765
8	175	1269	4795	6064	5	2024	536	2560	1436	662	2098	35	553	6	3	302	153	455	2613	7	561 350	7834	2766
	197	1706	4358	6064	6	2040	920	2960	1618	683	2301	25	397	7	3	302	153	455	2612	8	545 840	7835	2765
	201	1705	4572	6277	7	2124	926	3050	1993	616	2609	8	123	8	3	247	153	400	2611	9	530 340	7636	2764
	199	1609	4544	6153	8	2188	922	3110	1915	637	2552	16	257	9	3	285	153	438	2613	10	516 810	7234	2766
	187	1579	4630	6209	9	1948	952	2900	1931	642	2573	1	16	10	2	173	152	325	2612	11	503 710	6676	2764
	164	1135	4627	5762	10	1953	837	2790	1890	614	2504	4	59	11	2	133	152	285	2615	12	493 270	6383	2767
	158	1271	4509	5780	11	1621	1029	2650	1912	591	2503	-17	-274	12	3	137	153	290	2836	13	485 250	5661	2489
	153	1076	4910	5986	12	1660	1550	3210	1537	703	2240	7	116	13	36	1544	186	1730	2837	14	476 950	5337	3023
	148	598	4372	4970	13	2186	2504	4690	994	586	1580	72	1120	14	24	3186	174	3260	2831	15	470 870	4835	3005
	46	290	3862	4152	14	575	4205	4780			1391	34	541	15	14	980	1630	2610	2785	16	465 170	2865	4415
	-2	31	3989	4020	15	-489	3779	3290			1506	-29	-460	16	22	-460	1940	1530	2766	17	459 520	2324	4756
				3917	16						1570			17	44	0	1140	1190	2751	18	456 010	3099	3941
				3871	17						1540			18	46	0	1210	1210	2740	19	450 090	3010	3950
				3915	18						1219			19	154	0	1230	1230	2750	20	444 970	2500	3980
				3910	19						1114			20	146	0	1130	1130	2746	21	439 650	2404	3876
				3836	20						1088			21	180	0	1100	1100	2744	22	434 400	2436	3844
				3834	21						1160			22	103	0	1050	1050	2738	23	429 930	2222	3788
				3606	22						1242			23	70	0	854	854	2737	24	425 200	2229	3591
				3758	23						1296			24	53	0	433	433	2734	25	420 470	2393	3167
	-8			3700	24	-175	1665	1490			1542	-11	-164	25	28	-164	404	240	2735	26	416 530	1911	3134
	16			3822	25	314	1146	1460			1480	19	295	26	26	62	176	238	2733	27	413 180	1741	2909
	87	101	3847	3948	26	1596	-116	1480	550	547	1097	62	984	27	23	404	173	577	2737	28	410 360	1450	2910
	137	308	4175	4483	27	2150	440	2590	848	573	1421	78	1224	28	17	883	167	1050	2733	29	410 360	750	2900
	130	333	4160	4493	28	1788	1482	3270	1167	694	1861	37	584	29	14	1136	164	1300	2728	30	410 360	548	2894
	75	281	4081	4362	29	800	1900	2700	1027	652	1679	-14	-213	30	10	734	160	894	2722				
	31	244	4174	4418	30	-3	2313	2310	1000	652	1652	-60	-943	Oct 1		-943							
	-8	146	3911	4057	Oct 1	-669						-40	-629	2		-629							
8	11601	118093				92690			84650			479	7561			7561							



RY OF DATA AT AND BETWEEN SNAKE RIVER GAGING STATIONS

24 HOUR SECOND - FEET EXCEPT AS NOTED

THEORETICAL BALANCE STORAGE AT BLACKFOOT		DATE	BLACKFOOT RIVER	SNARE R. AT CLOUGH	24 HOUR CLOUGH	CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR Contents Ac.Ft.	SNARE R. AT NEELEY	LAKE WALCOTT Contents Ac. Ft.	MINIDOKA CANALS					SNARE R. AT MINIDOKA			DATE				
STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	DATE		
38	-604	Sep 3	3	167	153	320	2609	Sep 4	606 230	7638	2762	10400	93790	1210	1150	2360	2360	0	5088	2762	7850	SEP 5	
24	-381	4	3	132	153	285	2612	5	591 850	7835	2765	10600	93320	1210	1150	2360	2360	0	5135	2765	7900	6	
12	190	5	3	137	153	290	2612	6	576 190	7835	2765	10600	93090	1210	1140	2350	2350	0	5195	2765	7960	7	
35	553	6	3	302	153	455	2613	7	561 350	7834	2766	10600	93670	1210	1150	2360	2360	0	5194	2766	7960	8	
25	397	7	3	302	153	455	2612	8	545 890	7835	2765	10600	93790	1210	1140	2350	2350	0	5115	2765	7880	9	
8	123	8	3	247	153	400	2611	9	530 340	7636	2764	10400	93550	1210	1100	2310	2310	0	5166	2764	7950	10	
16	257	9	3	285	153	438	2613	10	516 810	7234	2766	10000	94020	1110	1020	2130	2130	0	4974	2764	7950	11	
1	16	10	2	173	152	325	2612	11	503 710	6676	2764	9440	94020	1040	964	2004	2004	0	4676	2764	7740	12	
4	59	11	2	133	152	285	2615	12	493 270	6383	2767	9150	94140	1000	863	1863	1863	0	4403	2767	7440	13	
7	-274	12	3	137	153	290	2836	13	485 250	5661	2989	8650	94490	941	755	1696	1696	0	4081	2989	7170	14	
7	116	13	36	1544	186	1730	2837	14	476 950	5337	3023	8360	93790	868	771	1639	1546	93	3790	2930	7070	15	
2	1120	14	24	3186	174	3360	2831	15	470 870	4835	3005	7840	94490	764	755	1519	1354	165	3640	2840	6720	16	
4	541	15	14	980	1630	2610	2785	16	465 170	2865	4415	7280	93900	718	720	1438	0	1438	3163	2977	6480	17	
9	-460	16	22	-460	1990	1530	2766	17	459 520	2324	4756	7080	93090	718	699	1417	0	1417	2671	3339	6010	18	
		17	44	0	1190	1190	2751	18	456 010	3099	3941	7040	94020	718	610	1328	0	1328	3267	2613	5880	19	
		18	96	0	1210	1210	2740	19	450 090	3010	3950	6960	94020	720	564	1284	0	1284	3174	2666	5840	20	
		19	154	0	1230	1230	2750	20	444 970	2500	3980	6480	94250	720	535	1255	0	1255	2765	2725	5490	21	
		20	146	0	1130	1130	2746	21	439 650	2404	3876	6280	94250	720	498	1218	0	1218	2422	2658	5080	22	
		21	180	0	1100	1100	2744	22	434 400	2436	3844	6280	94720	720	450	1170	0	1170	2246	2674	4920	23	
		22	103	0	1050	1050	2738	23	429 930	2222	3788	6010	95670	722	414	1136	0	1136	2018	2652	4670	24	
		23	70	0	854	854	2737	24	425 200	2224	3591	5820	96150	722	463	1185	0	1185	2104	2406	4510	25	
		24	53	0	433	433	2734	25	420 470	2393	3167	5560	96390	724	508	1232	175	1057	2510	2110	4620	26	
	-164	25	28	-164	404	240	2735	26	416 530	1911	3139	5050	95910	724	478	1202	153	1049	2310	2090	4400	27	
	295	26	26	62	176	238	2733	27	413 180	1741	2909	4650	95670	722	430	1152	333	819	1770	2090	3860	28	
	984	27	23	404	173	577	2737	28	410 360	1450	2910	4360	95070	746	426	1172	362	810	1640	2100	3740	29	
	1224	28	17	883	167	1050	2733	29	410 360	750	2900	3650	94250	799	492	1291	501	790	680	2110	2790	30	
	584	29	14	1136	164	1300	2728	30	410 360	548	2892	3440	93550	822	540	1362	180	1182	540	1710	2250		
	-213	30	10	734	160	894	2722																
	-943	Oct 1		-943																			
	-629	2		-629																			
7561			7561									142828											



TEN SNAKE RIVER GAGING STATIONS 1942

5 NOTED

NOTED			LAKE WALCOTT			MINIDOKA CANALS					SNAKE R AT MINIDOKA			MILNER LAKE GAGE			GOODING			NORTH SIDE CANAL CO.					
SNAKE R. AT NEELEY			Contents Ac. Ft.	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	DATE	STOR.	NORM.	TOTAL	RA.	GOODING	MAIN	TOTAL	STOR.	NORM.				
STOR.	NORM.	TOTAL																							
7638	2762	10400	93790	1210	1150	2360	2360	0	5088	2762	7850	5	10.64	1400	0	1400	63	410	2520	3493	3168	325			
7835	2765	10600	93320	1210	1150	2360	2360	0	5135	2765	7900	6	10.64	1400	0	1400	63	410	2500	3473	3148	323			
7835	2765	10600	93090	1210	1140	2350	2350	0	5195	2765	7960	7	10.76	1400	0	1400	63	420	2470	3453	3128	325			
7834	2766	10600	93670	1210	1150	2360	2360	0	5194	2766	7960	8	10.82	1400	0	1400	63	410	2450	3423	3098	325			
7835	2765	10600	93790	1210	1140	2350	2350	0	5115	2765	7880	9	10.74	1400	0	1400	63	400	2430	3393	3068	325			
7636	2764	10400	93550	1210	1100	2310	2310	0	5166	2764	7930	10	10.91	1410	0	1410	63	400	2380	3343	3018	325			
7234	2766	10000	94020	1110	1020	2130	2130	0	4974	2766	7740	11	10.92	1410	0	1410	63	400	2340	3303	2978	325			
6676	2764	9440	94020	1040	964	2004	2004	0	4676	2764	7440	12	10.82	1290	0	1290	63	400	2270	3233	2908	325			
6383	2767	9150	94140	1000	863	1863	1863	0	4403	2767	7170	13	10.98	1200	0	1200	63	420	2220	3205	2878	325			
5661	2989	8650	94490	941	755	1696	1696	0	4081	2989	7070	14	10.93	1190	0	1190	63	410	2170	3143	2792	325			
5337	3023	8360	93790	868	771	1639	1546	93	3790	2930	6720	15	10.89	1160	0	1160	63	400	2090	3053	2653	40			
4835	3005	7840	94490	764	755	1519	1354	165	3640	2840	6480	16	10.71	1120	0	1120	63	410	1930	2903	2503	40			
2865	4415	7280	93900	718	720	1438	0	1438	3163	2977	6140	17	10.36	1120	0	1120	63	890	1830	2783	2136	64			
2324	4756	7080	93090	718	699	1417	0	1417	2671	3339	6010	18	10.56	1110	0	1110	61	890	1700	2651	1562	108			
3099	3941	7040	94020	718	610	1328	0	1328	3267	2613	5880	19	10.68	1080	0	1080	61	890	1630	2581	2148	43			
3010	3950	6960	94020	720	564	1284	0	1284	3174	2666	5840	20	10.80	1070	0	1070	63	900	1580	2543	2027	5			
2500	3980	6480	94250	720	535	1255	0	1255	2765	2725	5490	21	10.74	1020	0	1020	63	880	1530	2473	1758	7			
2404	3876	6280	94250	720	498	1218	0	1218	2422	2658	5080	22	10.68	990	0	990	63	870	1490	2423	1545	8			
2436	3844	6280	94720	720	450	1170	0	1170	2246	2674	4920	23	10.65	990	0	990	54	870	1290	2214	1330	8			
2222	3788	6010	45670	722	414	1136	0	1136	2018	2652	4670	24	10.54	990	0	990	45	870	1010	1925	1003	9			
2229	3591	5820	96150	722	463	1185	0	1185	2104	2406	4510	25	10.56	970	0	970	45	870	900	1815	1109	7			
2393	3167	5560	96340	724	508	1232	175	1057	2510	2110	4620	26	10.76	950	0	950	45	880	760	1685	1285	4			
1911	3139	5050	95910	724	478	1202	153	1049	2310	2090	4400	27	10.72	950	0	950	45	870	500	1415	1015	4			
741	2909	4650	95670	722	430	1152	333	819	1770	2090	3860	28	10.62	940	0	940	0	870	343	1213	813	4			
1450	2910	4360	95070	746	426	1172	362	810	1640	2100	3740	29	10.47	310	0	310	0	870	397	1267	867	4			
750	2900	3650	94250	799	492	1291	501	790	680	2110	2790	30	10.32	0	0	0	0	520	289	809	409	4			
548	2842	3440	93550	822	540	1362	180	1182	540	1710	2250														



IONS

1942

PLATE NO. 13

AT MINNDONR		DATE	MILNER LAKE GAGE	GOODING			NORTH SIDE CANAL CO.				TWIN FALLS CAN. CO.			MILNER LOW LIFT			SNAKE R AT MILNER		
NORM.	TOTAL			STOR.	NORM.	TOTAL	R.R.	GOODING	MAIN	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
		5	10.64	1400	0	1400	63	910	2520	3493	3168	325	783	2437	3220	165	0	165	319
2762	7850	6	10.64	1400	0	1400	63	910	2500	3473	3148	325	780	2440	3220	163	0	163	325
2765	7900	7	10.76	1400	0	1400	63	920	2470	3453	3128	325	780	2440	3220	165	0	165	328
2765	7960	8	10.82	1400	0	1400	63	910	2450	3423	3098	325	739	2441	3180	165	0	165	328
2766	7960	9	10.74	1400	0	1400	63	900	2430	3343	3068	325	710	2440	3150	165	0	165	328
2765	7880	10	10.91	1400	0	1400	63	900	2380	3343	3018	325	701	2439	3140	165	0	165	328
2764	7430	11	10.92	1410	0	1410	63	900	2340	3303	2978	325	579	2441	3020	165	0	165	328
2766	7740	12	10.82	1290	0	1290	63	900	2270	3233	2908	325	401	2439	2840	158	0	158	328
2764	7440	13	10.98	1200	0	1200	63	920	2220	3203	2878	325	328	2442	2770	150	0	150	336
2767	7170	14	10.93	1190	0	1190	63	910	2170	3143	2792	351	22	2638	2660	150	0	150	333
2989	7070	15	10.89	1160	0	1160	63	900	2090	3053	2653	400	0	2530	2530	150	0	150	330
2930	6720	16	10.71	1120	0	1120	63	910	1930	2903	2503	400	0	2440	2440	150	0	150	325
2840	6480	17	10.36	1120	0	1120	63	890	1830	2783	2136	647	0	2330	2330	150	0	150	316
2977	6140	18	10.56	1110	0	1110	61	890	1700	2651	1562	1089	0	2250	2250	132	0	132	319
3339	6010	19	10.68	1080	0	1080	61	890	1630	2581	2148	433	0	2180	2180	125	0	125	325
2613	5880	20	10.80	1070	0	1070	63	900	1580	2543	2027	516	0	2150	2150	126	0	126	333
2666	5840	21	10.74	1020	0	1020	63	880	1530	2473	1758	715	0	2010	2010	116	0	116	330
2725	5440	22	10.68	990	0	990	63	870	1490	2423	1545	828	0	1830	1830	110	0	110	353
2658	5080	23	10.65	990	0	990	54	870	1290	2214	1330	884	0	1790	1790	116	0	116	377
2674	4920	24	10.54	990	0	990	45	870	1010	1925	1003	922	0	1730	1730	87	0	87	377
2652	4670	25	10.56	970	0	970	45	870	900	1815	1109	706	0	1700	1700	76	0	76	377
406	4510	26	10.76	950	0	950	45	880	760	1685	1285	400	0	1710	1710	76	0	76	377
10	4620	27	10.72	950	0	950	45	870	500	1415	1015	400	0	1690	1690	75	0	75	380
090	4400	28	10.62	940	0	940	0	870	343	1213	813	400	0	1690	1690	75	0	75	374
090	3860	29	10.47	310	0	310	0	870	397	1267	867	400	0	1700	1700	75	0	75	368
100	3740	30	10.32	0	0	0	0	520	289	809	409	400	0	1710	1710	70	0	70	368
110	2790																		
110	2250																		

158560

253799

65814

16843

15363







# CANAL

	NO.	JUN.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SWAN VALLEY USERS	1																				
RILEY	2																				
PROGRESSIVE IRR. DIST.	3																				
FARMERS FRIEND	4																				
ENTERPRISE	5																				
MATSON-CRAIG	6																				
HARRISON	7																				
RUDY-BOOMER	8																				
HITE & NORD	9																				
BURGESS	10																				
LOWDER & JENNINGS	11																				
SUNNY DELL	12																				
LENROOT	13																				
REID	14																				
MISCEL. PRIVATE DIVERSIONS	15																				
RIGBY	16																				
DILTS	17																				
ISLAND	18																				
BUTTE & MARHET LAKE	19																				
OSGOOD	20																				
BEAR ISLAND	21																				
SMITH	22																				
KENNEDY	23																				
IDAHO	24																				
MARTIN	25																				
NEW SWEEDEN IRR. DIST.	26																				
KELLAR	27																				
WOODYVILLE	28																				
SNAKE RIVER VALLEY	29																				
10% PENALTY ON STORED NOR.	30																				
TOTAL HEISE TO SHELLEY	31																				
RESERVATION	32																				
BLACKFOOT	33																				
NEW LAVA SIDE	34																				
PEOPLES	35																				
ABERDEEN	36																				
CORBETT	37																				
TREGO	38																				
10% PENALTY ON STORED NORM.	39																				
TOTAL SHELLEY TO BLACKFOOT	40																				
MINIDOKA PROJECT	41																				
MILNER LOW LIFT	42																				
TWIN FALLS CANAL CO.	43																				
NORTH SIDE PROJECT	44																				
GOODING PROJECT	45																				
IDAHO POWER CO.	46																				
	47																				
	48																				
	49																				
	50																				
	51																				
	52																				
	53																				
	54																				

(Roth, Fisher, Brown, White, Cheney, Mitchellson, Gardner.)







## DAILY STORAGE DIVERSIONS

24-HOUR SECOND FEET EXCEPT AS NOTED

194.2

24-HOUR SECOND FEET EXCEPT AS NOTED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
0	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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
0	112	199	110	100	106	212	215	203	189	190	187	239	267	272	240	251	247	298	296	295	298	289	289	286	284	283	277	298	297	281	289	281	281	270	177	228	257	255	244	223	223	204	200	180	159	162	164	174	176	157	157	157	157	157																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
0	33	30	63	63	63	60	121	123	129	124	117	117	117	117	117	116	115	0	0	0	118	121	118	116	116	116	0	0	0	118	121	118	116	116	116	0	0	0	116	118	117	116	116	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



1942

[illegible]



[illegible]



NOTES

- ① From Market Springs.
- ② Rented through Bureau of Reclamation.
- ③ 588 rented through Bureau of Reclamation, 6 from Osgood for U.I. Sugar Co. lands.
- ④ 49 rented through Bureau of Reclamation, 804 to Progressive Irr. Dist. and 76 to Harrison for stockholders lands.
- ⑤ Transfer from Enterprise.
- ⑥ Transferred to Sugar Co. lands under New SW.
- ⑦ Sold through Bureau of Reclamation.
- ⑧ Lake Walcott 100,370 on June 2, plus 35,800

19	20	21	22	23	24	25	26	27	28	29	30	NO.	TOTAL SEC.-FT.	TOTAL AC.-FT.	JACKSON LAKE EQUIV. AC.-FT.	JACKSON LAKE RIGHT AC.-FT.	AM. FALL RIGHT AC.-FT.	OTHER RIGHTS AC.-FT.	SEASONAL PURCHASES & EXCHANGE AC.-FT.	TOTAL RIGHTS AC.-FT.	
												1									
												2						0	② 2501	2501	
												3	1170	2320	2501	0	0	0			
					0	6	9	5	3	0		4	1021	2025	2184	1200	1175	0	0	2375	
												5	12002	23810	25675	0	22237	0	⑤ 8040	30277	
												6	987	1957	2110	2000	0	0	② 110	2110	
					0	51	54	52	46	40	0	7	5295	10502	11326	6100	15570	0	④ -8067	13603	
												8	43	85	92	0	0	0	② 135	135	
												9	9489	18821	20293	5000	18257	0	⑤ 76	23333	
												10	2548	5053	5449	2000	3044	0	② 405	5449	
												11	8	16	17	0	0	0	② 17	17	
												12	7977	15821	17061	5120	11941	0	0	17061	
												13	120	238	257	1040	0	0	0	1040	
												14	2289	4540	4895	4000	0	0	② 895	4895	
					0	76	94	54	40	0		15	3709	7356	7932	3000	6856	0	0	9856	
												16	0	0	0	0	4448	0	0	4448	
												17	82	162	175	0	0	0	② 175	175	
												18	97	193	208	0	0	0	② 208	208	
					0	29	9	9	6	0		19	727	1442	1555	0	1573	0	0	1573	
												20	-160	-317	-342	0	0	0	0	0	
												21	7431	14739	15890	0	4448	0	② 11406	15908	
					0	50	50	50	50	50	50	22	5964	11829	12755	0	24132	0	⑥ -193	23939	
												23	117	232	250	0	333	0	0	333	
												24	41	81	88	0	121	0	0	121	
												25	1248	2478	2669	355	0	① 1110	② 1204	2669	
												26	6569	13030	14050	0	39981	0	0	39981	
												27	2210	4384	4728	1500	3332	0	0	4832	
												28	23058	45735	49307	5000	43426	① 110	③ 781	49317	
												29	24	48	52	0	0	0	② 52	52	
					0	27	27	30	30	30	30	30	3780	7497	8084	0	13331	0	⑦ -4241	9090	
					0	66	92	87	75	66		31	21660	42962	46327	15000	40955	0	0	55955	
												32	-243	-482	-520					0	
												33									
					0	101	308	333	281	244	146	34	118093	234238	252567	51315	255160	1220	11057	318752	
												35									
					0	149	310	334	249	183		36	1746	3463	3734	0	0	0	② 3734	3734	
												37	2971	5893	6354	0	22272	0	0	22272	
												38	291	578	623	0	0	0	② 623	623	
					0	212	212	220	145	181		39	20325	40313	43465	8000	34229	0	② 1186	43465	
					0	189	326	613	633	636		40	57761	114567	123550	42685	98314	0	0	140999	
												41	1301	2580	2782	0	5927	0	0	5927	
												42	388	770	830		2167	0	0	2167	
												43	-133	-264	-285	0	0	0	0	0	
												44									
					0	550	848	1167	1027	1000		45	84650	167900	181053	50685	162959	0	5543	219187	
												46									
	0	0	0	0	0	175	153	333	362	501	180	47	192828	382468		325810	102883	⑧ 136170		564863	
	126	116	110	116	87	76	76	75	75	70		48	16843	35507			51149			51149	
												49	65814	130540		88670	172886		② -19101	242455	
												50	253744	503403		244680	503029			747709	
2027	1758	1545	1330	1003	1104		1285	1015	813	867	404	51	158560	314499			416048			416048	
1070	1020	990	990	990	470		950	950	940	310	0	52	14483	28727			45447			45447	
333	330	353	377	377	377		377	380	374	368	368	53									
TOTAL													54	406240	1799602		811160	1709561	137390	0	2658111



## NOTES

- ① From Market Springs.
- ② Rented through Bureau of Reclamation.
- ③ 588 rented through Bureau of Reclamation & 193 transferred from Osgood for U.I. Sugar Co. lands.
- ④ 49 rented through Bureau of Reclamation, 8040 transferred to Progressive Irr. Dist. and 76 to Harrison for Enterprise Co. stockholders lands.
- ⑤ Transfer from Enterprise.
- ⑥ Transferred to Sugar Co. lands under New Sweden Canal.
- ⑦ Sold through Bureau of Reclamation.
- ⑧ Lake Walcott 100,370 on June 2, plus 35,800 gain Neely To Milner

28	29	30	NO.	TOTAL SEC.-FT.	TOTAL AC.-FT.	JACKSON LAKE EQUIT. AC.-FT.	JACKSON LAKE RIGHT AC.-FT.	A.M. FALL RIGHT AC.-FT.	OTHER RIGHTS AC.-FT.	SEASONAL PURCHASES & EXCHANGE AC.-FT.	TOTAL RIGHTS AC.-FT.
			1							② 2501	2501
			2	1170	2320	2501	0	0	0		2325
			3						0	0	30277
5	3	0	4	1021	2025	2184	1200	1125	0	⑤ 8040	2110
			5	12002	23810	25675	0	22277	0	② 110	13603
			6	987	1957	2110	2000	0	0	④ -8067	135
46	40	0	7	5295	10502	11326	6100	15570	0	② 135	23333
			8	43	85	92	0	0	0	⑤ 76	5449
			9	9489	18821	20293	5000	18257	0	② 405	17
			10	2548	5053	5449	2000	3044	0	② 17	17061
			11	8	16	17	0	0	0	0	1040
			12	7477	15821	17061	5120	11441	0	0	4895
			13	120	238	257	1040	0	0	② 895	9856
			14	2289	4540	4895	4000	0	0	0	4448
54	40	0	15	3709	7356	7932	3000	4856	0	0	175
			16	0	0	0	0	4448	0	② 175	208
			17	82	162	175	0	0	0	② 208	1573
			18	97	193	208	0	0	0	0	0
9	6	0	19	727	1442	1555	0	1573	0	② 11406	23939
			20	-160	-317	-342	0	0	0	④ -193	333
			21	7431	14739	15890	0	4448	0	0	121
0	50	50	22	5964	11829	12755	0	24132	0	② 1204	2669
			23	117	232	250	0	333	0	0	39981
			24	41	81	88	0	121	0	0	4832
			25	1248	2478	2669	355	0	① 1110	② 1204	49317
			26	6569	13030	14050	0	39981	0	0	52
			27	2210	4384	4728	1500	3332	0	0	-4241
			28	23058	45735	49307	5000	43426	① 110	③ 781	9090
			29	24	48	52	0	0	0	② 52	55955
30	30	30	30	3780	7477	8084	0	13331	0	⑦ -4241	0
75	66	31	31	21460	42942	46327	15000	40955	0	0	318252
			32	-243	-482	-520					
			33								
244	144	34	34	118093	234238	252567	51315	255160	1220	11057	3734
			35								22272
249	183	36	36	1746	3463	3734	0	0	0	② 3734	623
			37	2971	5893	6354	0	22272	0	0	43465
			38	291	578	623	0	0	0	③ 623	140999
145	181	39	39	20325	40313	43465	8000	34279	0	② 1186	5927
633	636	40	40	57761	114567	123550	42685	98314	0	0	2167
			41	1301	2580	2782	0	5927	0	0	0
			42	388	770	830	0	2167	0	0	
			43	-133	-264	-285	0	0	0	0	
			44								
1027	1000	45	45	84650	167900	181053	50685	162959	0	5543	219187
			46								
501	180	47	47	192828	382468	325810	102883	102883	⑧ 136170		564863
75	70	48	48	16843	35507		51149				51149
			49	65814	130540	88670	172886				242455
667	407	50	50	253744	503403	244680	503029			③ -19101	797709
310	0	51	51	158560	314449		416048				416048
68	364	52	52	14483	28727		45447				45447
			53								
TOTAL	54	406	240	1799602		811160	1704561	137390	0		2658111



TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No 15

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

Moran to Heise - Disch. at Heise

Heise to Shelley - Disch. at Shelley

Shelley to Cloughs - Disch. at Shelley

Date

Checked by

Date

measured by



PLATE NO. 16

FALL RIVER CANALS FOR MAY 1942

FALL RIVER CANALS

DAILY DISCHARGE IN SEC.-FT.

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
HARRISFIELD																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ABOVE SQUIREL																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS OWN																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARMY																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELL																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC BEE																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHESTER																															2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SILKEY																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CURR																															3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL SQUIREL-CHESTER																															5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
HENRY'S FORK CANALS																																																														
DEWEY																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAST CHANCE																															46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
CROSS CUT																															60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
ST. ANTHONY UNION																															414	417	420	424	427	429	435	443	451	458	461	465	471	478	484	491	497	504	511	518	525	532	539	546	553	560	567	574	581	588	595	602
FARMERS FRIEND																															414	417	420	424	427	429	435	443	451	458	461	465	471	478	484	491	497	504	511	518	525	532	539	546	553	560	567	574	581	588	595	602
TWIN GROVES																															100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
SALEM UNION																															117	116	116	116	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
TOTAL ASHTON-ST. ANTHONY																															837	839	842	845	848	853	858	863	868	873	878	883	888	893	898	903	908	913	918	923	928	933	938	943	948	953	958	963	968	973	978	983
EGIN																															264	243	253	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233
ST. ANTHONY UNION FEEDER																															65	68	70	72	74	76	79	81	84	86	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
INDEPENDENT																															20	234	241	247	245	247	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274
CONSOLIDATED FARMERS																															90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
TOTAL ST. ANTHONY-REXBURG																															444	635	654	641	643	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649
TETON RIVER CANALS																																																														
SIDOWAY																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILFORD																															40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
TETON IRRIGATION																															40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
GOOD LUCK																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEWART																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0
PINCOCK-CRANER																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON ISLAND FEEDER																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH SALEM																															160	160	168	175	182	190	188	185	183	180	177	184	192	199	203	208	212	217	222	226	236	266	331	366	406	440	474	508	542	576	610	644
BOXHUR																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAND WARD																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON																															24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
CITY OF REXBURG																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REXBURG IRRIGATION																															20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
McCORMICK-HOWE																															100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
SAURY-SOMMERS																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



ONLY DISCHARGE IN SEC.-FT. OF HENRY'S FORN CANALS FOR JUNE 1942

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	
HARRISFIELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MARYSVILLE	43	45	45	46	57	57	57	68	73	90	107	118	124	133	142	146	151	155	155	155	155	155	163	163	163	166	166	169	3596			
TOTAL ABOVE SQUIRREL	43	45	45	46	57	57	57	68	73	90	107	118	124	133	142	146	151	155	155	155	155	155	163	163	163	166	166	169	3596			
FARMERS OWN	0	0	0	6	6	6	9	22	28	34	41	60	65	68	63	67	47	51	51	51	51	51	48	46	47	48	42	41	42	45	56	
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	92	150	155	146	163	162	161	149	159	159	157	155	154	154	154	148	146	153	154	154	154	155	155	155	156	158	157	157	157	157	4596	
BELL	6	8	10	12	12	12	14	14	14	14	14	14	14	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	339	
FALL RIVER	309	310	320	328	405	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	11838	
MCBEE	1	1	2	3	3	3	4	5	7	7	7	6	5	5	5	4	5	6	7	7	7	7	7	7	7	7	7	7	7	7	154	
CHESTER	83	88	94	94	99	100	100	101	102	102	101	100	98	97	96	95	95	95	95	95	94	94	94	94	94	94	94	94	94	94	2838	
SILKEY	4	8	15	23	24	24	24	25	24	24	24	23	23	22	22	21	21	22	22	23	24	25	26	27	28	20	10	7	7	7	599	
CURR	59	60	60	62	63	65	66	68	69	69	68	60	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	1435	
TOTAL SQUIRREL-CHESTER	554	625	656	679	775	802	808	824	840	809	819	835	810	804	817	854	730	763	766	766	766	766	779	810	841	835	775	732	706	682	678	22940
HENRY'S FORN CANALS																																
DEWEY	24	24	24	24	24	24	26	26	27	27	26	25	25	25	25	24	24	23	24	24	24	25	26	27	28	29	28	27	27	27	768	
CROSS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ST. ANTHONY UNION	485	517	519	531	528	534	545	555	565	575	483	470	465	504	507	497	470	443	435	427	419	446	472	497	463	460	434	409	398	14513		
FARMERS FRIEND	221	218	223	228	236	245	230	210	197	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	4503	
TWIN GROVES	170	174	180	180	180	186	180	170	166	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	4665	
SALEM UNION	79	164	194	192	202	206	207	208	220	210	183	174	0	0	198	211	198	210	214	214	214	214	222	234	218	176	161	164	168	156	5419	
TOTAL ASHTON-ST. ANTHONY	1029	1147	1146	1161	1176	1201	1247	1249	1263	1251	1132	1108	929	767	1000	1014	946	1009	1017	1058	1080	1081	1112	1090	1037	973	955	930	909	891	31958	
EGIN	359	359	388	392	401	409	409	413	467	369	327	361	361	386	390	287	344	305	245	245	281	305	317	285	285	239	239	235	263	295	9901	
ST. ANTHONY UNION FEEDER	79	88	92	102	100	96	94	92	91	86	75	85	81	74	54	52	52	52	52	52	52	52	52	54	56	60	43	38	41	44	2078	
INDEPENDENT	326	348	357	366	361	370	372	386	400	328	317	322	342	342	335	273	226	214	230	245	241	254	265	267	290	304	187	187	202	226	218	
CONSOLIDATED FARMERS	222	292	286	322	321	320	322	324	349	295	290	285	278	298	317	324	288	284	280	224	247	270	268	265	269	273	217	224	232	232	8423	
TOTAL ST. ANTHONY - REXBURG	986	1087	1123	1182	1183	1193	1198	1217	1248	1083	1020	1043	1066	1100	1054	896	898	871	822	762	834	842	906	896	918	942	681	702	765	791	29161	
TETON RIVER CANALS																																
WILFORD	151	151	160	170	182	180	180	175	170	150	146	150	150	150	150	145	140	140	140	140	140	140	140	140	140	140	140	140	140	140	4514	
TETON IRRIGATION	58	56	54	52	51	51	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	1991	
GOOD LUCK	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	474	
PIONEER	18	16	14	12	9	12	16	22	20	14	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	303	
STEWART	13	13	13	13	13	12	11	10	9	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	471	
PINCOCK-BYINGTON	8	9	10	11	12	12	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	13060	
PINCOCK-GARNER	15	15	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	590	
TETON ISLAND FEEDER	415	435	455	476	496	518	541	541	541	540	465	440	434	429	418	406	412	418	418	418	418	418	418	418	418	418	418	418	418	418	13060	
NORTH SALEM	8	15	20	25	33	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	231	
ROXANA	0	0	0	0	0	0																										



DAILY DISCHARGE IN SEC.-FT. OF HENRY'S FORTH CANALS FOR JULY 1942

PLATE NO. 18

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	4	4	4	4	6	8	10	10	10	10	10	10	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	306
HARRISFIELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MARYSVILLE	171	172	173	126	174	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	5280	
TOTAL ABOVE SQUIRREL	175	176	177	130	180	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	187	5586	
FARMERS OWN	65	79	81	82	88	86	76	68	62	66	68	70	68	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	
ARMY	0	0	0	0	0	0	0	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	142	136	136	136	136	136	140	143	133	130	130	125	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	
BELL	6	9	8	8	7	7	6	4	3	2	2	2	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
FALL RIVER	380	355	355	360	360	345	348	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	
McBEE	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
CHESTER	74	67	67	67	67	67	59	51	4	4	4	8	12	10	5	1	6	4	4	1	1	1	1	1	1	1	1	1	1	1	1	
SILKEY	8	10	10	9	8	7	6	4	2	0	0	5	10	24	20	17	16	15	14	12	13	13	13	13	13	13	13	13	13	13	13	
CURR	34	35	35	45	56	54	52	46	41	38	34	30	32	40	43	42	42	40	39	36	35	35	35	35	35	35	35	35	35	35	35	
TOTAL SQUIRREL-CHESTER	713	695	696	711	721	730	719	699	669	607	584	582	590	418	430	432	432	438	435	438	436	443	448	448	448	448	448	448	448	448	448	
HENRY'S FORTH CANALS																																
DEWEY	26	26	26	26	25	24	24	18	15	17	20	24	11	13	15	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
LAST CHANCE	75	76	76	76	75	74	74	75	74	72	71	40	46	52	52	52	51	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
CROSS CUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ST. ANTHONY UNION	426	429	432	435	438	441	438	428	417	422	426	435	444	448	446	450	454	458	456	449	480	492	492	487	477	454	451	449	453	13908		
FARMERS FRIEND	106	115	110	100	90	80	78	90	105	100	15	16	18	20	20	30	39	40	45	53	60	64	74	78	51	50	49	40	37	38	35	
TWIN GROVES	136	136	136	135	135	134	135	132	133	134	136	138	141	140	136	135	135	135	132	131	133	136	135	136	73	93	91	91	41	43	85	
SALEM UNION	176	195	190	184	178	173	168	161	154	135	130	130	131	170	170	171	195	202	192	213	235	152	152	158	160	182	180	177	5284			
TOTAL ASHTON-ST. ANTHONY																																
EGIN	297	308	300	293	288	283	287	242	247	273	268	262	256	295	293	283	273	275	305	319	303	297	297	297	291	283	283	310	8981			
ST. ANTHONY UNION FEEDER	54	52	53	54	55	56	52	15	31	40	50	60	68	83	72	62	73	79	78	76	57	61	79	65	82	81	81	79	74	1945		
INDEPENDENT	249	271	271	271	284	298	236	174	191	196	201	206	247	278	234	189	236	226	226	218	228	245	293	282	243	200	196	196	219	218	7320	
CONSOLIDATED FARMERS	249	246	245	240	236	233	230	224	217	208	159	130	102	246	246	0	0	0	165	165	219	180	153	200	200	198	236	204	203	208	5740	
TOTAL ST. ANTHONY - REXBURG																																
SIDOWAY	10	12	15	16	17	15	12	9	6	8	10	130	125	140	145	140	80	78	76	76	80	82	82	76	84	84	84	92	99	3424		
WILFORD	110	120	122	130	140	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	
TETON IRRIGATION	76	73	70	75	80	84	80	74	70	63	60	55	52	60	70	76	77	78	83	82	82	82	82	82	84	84	84	84	84	84	84	
GOOD LUCK	34	35	37	38	38	39	39	39	38	37	34	30	27	28	28	29	45	9	18	16	15	15	15	15	14	14	14	14	14	14	14	
PIONEER	15	20	31	32	34	35	17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
STEWART	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
PINCOCK-BYINGTON	8	7	7	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	
PINCOCK-GRANER	25	32	40	42	44	45	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	
TETON ISLAND FEEDER	330	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	
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	5	5	4	4	5	13	16	17	16	16	15	14	14	16	16	19	19	19	20	17	16	16	15	14	10	10	10	10	10	10	10	
ISLAND WARD	20	39	60	58	55	52	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
WOODMANSEE-JOHNSON	29	29	30	31	32	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	
CITY OF REXBURG	50	50	50	48	49	50	49	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	
REXBURG IRRIGATION	230	225	219	222	224	226	234	234	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	
McCORMICK-ROWE	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
SAURY-SOMMERS	16	15	14	15	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
TOTAL																																



DAILY DISCHARGE IN SEC.-FT. OF HENRY'S FORK CANALS FOR AUGUST 1942

PLATE NO. 19

[illegible]



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	11	11	10	10	9	10	9	8	8	9	10	9	9	9	9	9	9	9	10	9	10	9	8	9	9	9	9	9	9	8	276	
HARRISVILLE	59	58	57	57	48	47	47	47	48	48	45	45	35	35	28	27	26	26	25	25	25	25	25	25	25	25	25	25	25	25	1103	
TOTAL ABOVE SQUIRREL	70	69	67	67	57	58	57	56	57	55	54	44	44	44	37	35	38	37	35	34	34	34	34	34	34	34	34	34	34	34	1379	
FARMERS OWN	18	18	18	24	24	24	24	24	24	23	24	24	20	20	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	534	
ARMY	0	0	0	0	0	0	0	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	136	135	133	132	131	130	127	104	103	103	103	104	103	103	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	3199
BELL	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	121	
FALL RIVER	157	153	151	129	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	5344	
MCBEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CHESTER	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	277	
SILKEY	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	102	
CURR	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	1034	
TOTAL SQUIRREL-CHESTER	359	354	350	333	382	373	374	371	347	347	347	195	209	188	373	379	374	369	370	370	370	369	368	375	393	394	398	396	395	388	383	10664
HENRYS FARM CANALS																																
DEWEY	9	0	0	0	0	0	0	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	209	
LAST CHANCE	33	34	34	33	34	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	828	
CROSS CUT	148	164	164	164	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	690	
ST. ANTHONY UNION	374	357	357	356	340	343	341	341	337	338	343	183	177	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	7790
FARMERS FRIEND	20	20	21	22	23	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	645
TWIN GROVES	28	28	28	28	28	28	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	911
SALEM UNION	132	130	131	112	106	108	103	103	103	92	81	87	61	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	2323
TOTAL ASHTON-ST. ANTHONY	794	733	735	715	531	528	521	521	524	510	449	510	320	314	298	296	296	310	310	310	310	311	326	394	410	410	404	397	393	388	380	13396
EGIN	229	210	204	204	204	206	237	237	237	241	237	191	155	152	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	4955
ST. ANTHONY UNION FEEDER	72	73	71	73	73	73	73	75	75	75	78	81	9	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1397	
INDEPENDENT	160	158	144	146	146	153	153	153	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	3148
CONSOLIDATED FARMERS	104	104	103	104	103	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	3014
TOTAL ST. ANTHONY - REXBURG	565	545	522	527	526	536	567	571	569	573	572	513	513	529	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	12514
TETON RIVER CANALS																																
SIDOWAY	4	5	4	5	4	4	5	5	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	138	
WILFORD	66	63	77	76	76	77	77	77	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	1446
TETON IRRIGATION	66	63	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	1448
GOOD LUCK	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	145
PIONEER	9	9	4	4	3	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	110
STEWART	7	7	10	7	6	10	6	5	9	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	120
PINCOCK-BYINGTON	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	227
PINCOCK-GARNER	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4573
TETON ISLAND FEEDER	239	224	200	204	214	190	181	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	180
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	316
ROXANA	10	11	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	116
ISLAND WARD	21	22	23	24	25	26	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	724
WOODMAN																																



DATE	HENRYS LAKE CONTENTS AC.-FT.	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISL. PARK	STORAGE DIVERSIONS ABOVE ISL. PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISL. PARK RESERVOIR	DATE	ISL. PARK RESERVOIR CONTENTS AC.-FT.	HENRYS FORK NR. ISL. PARK			STORED LOSS ISL. PARK TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE ST. ANTHONY	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	DATE
		STOR	NORM	TOTAL							STOR	NORM	TOTAL			STOR	NORM	TOTAL			STOR	NORM	TOTAL		
May 27																									
28		-78	88	10																					
29		-78	88	10	-3																				
30		-78	88	10	-3																				
31	57480	-78	88	10	-3																				
June 1		-78	89	11	-3																				
2		-78	89	11	-3																				
3		0	11	11	0																				
4		0	11	11	0																				
5		0	11	11	0																				
6	58400	0	11	11	0																				
7		0	11	11	0																				
8		0	11	11	0																				
9		0	11	11	0																				
10		-144	155	11	-6																				
11		-144	155	11	-6																				
12		-144	155	11	-6																				
13		-144	155	11	-6																				
14		-144	155	11	-6																				
15		-144	155	11	-6																				
16		-144	155	11	-6																				
17		-144	155	11	-6																				
18		-144	155	11	-6																				
19		-144	155	11	-6																				
20		-144	155	11	-6																				
21		-144	155	11	-6																				
22	62973	-112	123	11	-4																				
23		-112	123	11	-4																				
24		-112	123	11	-4																				
25		-112	123	11	-4																				
26		-112	123	11	-4																				
27		-112	123	11	-4																				
28		-111	122	11	-4																				
29		-111	122	11	-4																				
30	64740	-111	122	11	-4																				
July 1		-111	123	12	-4																				
2		-111	123	12	-4																				
3	65404	-111	123	12	-4																				
4		-52	64	12	-2																				
5	66254	-52	64	12	-2																				
6	66376	-52	64	12	-2																				
7	66376	-52	73	21	-2																				
8	66497	-52	73	21	-2																				
9	66619	-52	73	21	-2																				
10	66619	-52	73	21	-2																				
11	66680	-52	73	21	-2																				
12	66740	-52	74	22	-2																				
13	66740	-52	74	22	-2																				
14	66801	-52	74	22	-2																				
15	66801	-52	74	22	-2																				
16	66862	-52	74	22	-2																				
17	66862	-41	60	101	2																				
18	66740	18	55	73	1																				
19	66680	20	50	70	1																				
20	66619	24	45	69	1																				
21	66558	25	45	70	1																				
22	66447	25	45	70	1																				
23	66376	114	40	154	4																				
24	65840	238	40	278	10																				
25	65282	238	40	278	10																				
26	65039	243	35	278	10																				
27	64746	243	35	278	10																				
28	63459	241	35	276	10																				

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@ Listed here 1 day later than at dam.

(b) Includes Fall River storage diversions



# HENRYS FORK - DAILY SEGREGATION

24 HOUR SECOND- FEET EXCEPT AS NOTED

STORAGE INFLOW TO SL. PARK RESERVOIR	DATE	ISL. PARK RESERVOIR CONTENTS AC.-FT.	HENRYS FORK NR. ISL. PARK			STORED LOSS ISL. PARK TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE (a)	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY (b)	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	DATE	STORAGE AT HENRYS FK NEAR REXBURG		
			STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL
	May 28	137 070	-30	1190	1160	-1	May 29	-29	2519	2490			-29	3109	3080		May 30	-29		
	29	137 230	-30	1230	1200	-1	30	-29	2499	2470			-29	3159	3130		31	-29		
-75	30	137 150	-105	1295	1190	-2	31	-103	2523	2420			-103	3043	2940		June 1	-103		
-75	31	136 990	-105	1245	1140	-3	June 1	-102	2402	2300			-102	2682	2580		2	-102		
-75	June 1	136 825	-105	1175	1070	-2	2	-103	2283	2180			-103	2373	2270		3	-103		
-75	2	136 260	-105	1115	1010	-3	3	-102	2222	2120			-102	2372	2270		4	-102		
-75	3	136 260	-105	1086	981	-2	4	-103	2223	2120			-103	2503	2400		5	-103		
0	4	136 175	-30	1011	981	-1	5	-29	2109	2080			-29	2409	2380		6	-29		
0	5	136 340	-30	1050	1020	-1	6	-29	2149	2120			-29	2549	2520		7	-29		
0	6	136 580	-30	1060	1030	-1	7	-29	2129	2100			-29	2569	2540		8	-29		
0	7	136 500	-30	1070	1040	-1	8	-29	2209	2180			-29	2919	2890		9	-29		
0	8	136 745	-30	1130	1100	-1	9	-29	2209	2180			-29	3329	3300		10	-29		
0	9	137 070	-30	1190	1160	-1	10	-29	2229	2200			-29	3909	3880		11	-29		
0	10	137 070	-30	1190	1160	-1	11	-29	2149	2120			-29	3259	3230		12	-29		
-138	11	136 905	-168	1228	1060	-4	12	-164	2164	2000			-164	2684	2520		13	-164		
-138	12	136 260	-168	1160	992	-4	13	-164	2064	1900			-164	2544	2380		14	-164		
-138	13	135 935	-168	1112	944	-4	14	-164	2024	1860			-164	2414	2250		15	-164		
-138	14	136 015	-168	1070	902	-4	15	-164	1944	1830			-164	2354	2190		16	-164		
-138	15	135 690	-168	1060	892	-4	16	-164	2104	1940			-164	3124	2960		17	-164		
-138	16	135 770	-168	1081	913	-4	17	-164	2024	1860			-164	2774	2610		18	-164		
-138	17	135 610	-168	1024	856	-4	18	-164	1894	1730			-164	2284	2120		19	-164		
138	18	135 450	-168	1003	835	-4	19	-164	1894	1730			-164	2264	2100		20	-164		
138	19	134 880	-168	953	785	-4	20	-164	1794	1630			-164	2104	1940		21	-164		
138	20	134 800	-168	908	740	-4	21	-164	1764	1600			-164	1864	1700		22	-164		
138	21	134 555	-168	873	705	-4	22	-164	1684	1520			-164	1684	1520		23	-164		
138	22	134 235	-168	829	661	-4	23	-164	1684	1520			-164	1624	1460		24	-164		
108	23	134 075	-138	784	646	-4	24	-134	1654	1520			-134	1744	1610		25	-134		
108	24	133 990	-138	765	627	-3	25	-135	1575	1440			-135	2035	1900		26	-135		
108	25	133 910	-138	765	627	-4	26	-134	1654	1520			-134	2304	2170		27	-134		
108	26	133 750	-138	745	607	-3	27	-135	1655	1520			-135	2075	1940		28	-135		
108	27	133 910	-138	741	603	-4	28	-134	1584	1450			-134	1654	1520		29	-134		
108	28	133 830	-138	760	622	-3	29	-135	1685	1550			-135	1645	1510		30	-135		
107	29	134 075	-137	769	632	-4	30	-133	1603	1470			-133	1513	1380		July 1	-133		
107	30	133 910	-137	744	607	-3	July 1	-134	1524	1390			-134	1354	1220		2	-134		
107	July 1	133 590	-137	716	579	-4	2	-133	1513	1380			-133	1373	1240		3	-133		
107	2	133 590	-137	711	574	-3	3	-134	1514	1380			-134	1384	1250		4	-134		
107	3	133 510	-137	697	560	-4	4	-133	1463	1330			-133	1283	1150		5	-133		
107	4	133 430	-137	697	560	-3	5	-134	1464	1330			-134	1284	1150		6	-134		
50	5	133 350	-80	644	564	-2	6	-78	1408	1330			-78	1358	1280		7	-78		
50	6	133 270	-80	654	574	-2	7	-78	1408	1330			-78	1288	1210		8	-78		
50	7	133 270	-80	649	569	-2	8	-78	1348	1320			-78	1208	1130		9	-78		
50	8	133 110	-80	640	560	-2	9	-78	1358	1280			-78	1072	994		10	-78		
50	9	132 950	-80	630	550	-2	10	-78	1338	1260			-78	894	816		11	-78		
50	10	132 950	-80	616	536	-2	11	-78	1338	1260			-78	808	730		12	-78		
37	11	132 710	122	500	622	3	12	119	1221	1340		196	-77	770	693		13	-77		
37	12	132 310	201	450	651	5	13	196	1194	1390		252	-56	768	712		14	-56		
37	13	131 830	432	450	882	11	14	421	1369	1790		509	-88	1007	919	73	15	-161		
37	14	130 720	600	450	1050	15	15	585	1205	1790		482	103	859	962	72	16	31		
41	15	129 695	590	450	1040	15	16	575	1235	1810		500	75	955	1030	73	17	2		
42	16	128 560	600	450	1050	15	17	585	1185	1770		522	63	909	972	88	18	-25		
42	17	127 265	610	450	1060	15	18	595	1215	1810		523	72	890	962	165	19	-93		
47	18	125 865	610	450	1060	15	19	595	1215	1810		524	71	826	897	302	20	-231		
25	19	124 780	610	450	1060	15	20	595	1235	1830		530	65	832	897	279	21	-214		
27	20	123 475	605	445	1050	15	21	590	1220	1810		541	49	807	856	293	22	-244		
31	21	122 490	610	440	1050	15	22	595	1215	1810		539	56	750	806	309	23	-253		
32	22	121 425	710	440	1150	18	23	692	1248	1940		616	125	794	919	328	24	-203		
32	23	120 065	820	440	1260	20	24	800	1320	2120	49	653	196	914	1110	367	25	-171		
118	24	119 235	965	435	1400	24	25	941	1199	2140	49	897	93	947	1040	485	26	-392		
236	25	117 000	969	431	1400	24	26	945	1235	2180	49	915	79	991	1070	499	27	-420		
236	26	115 300	1026	414	1440	26	27	1000	1280	2280	49	942	107	1173	1280	415	28	-308		
241	27	113 550	1130	410	1540	28	28	1102	1218	2320	49	955	196	1084	1280	484	29	-288		
241	28	112 025	1130	410	1540	28	29	1102	1218	2320	49	983	168	1132	1300	342	30	-174		
239	29	110 230	1180	410	1590	30	30	1150	1250	2400	49	988	211	1209	1420	364	31	-153		

DATE	HENRYS LAKE CONTENTS AC.-FT.	HENRYS FOR NEAR LAK.	
		STOR.	NORM. T
July 29	63 095	237	35
30	62 973	237	35
31	62 244	237	35
Aug 1	61 515	240	30
	61 151	242	30
2	59 420	242	30
3	58 997	240	30
4	58 758	239	30
5	58 639	237	30
6	58 520	235	30
7	58 281	233	30
8	56 969	233	30
9	57 208	231	30
10	56 730	230	30
11	56 015	239	30
12	55 418	264	30
13	54 822	262	30
14	54 120	267	25
15	53 535	267	25
16	52 949	267	25
17	52 481	269	25
18	51 774	267	25
19	51 194	267	25
20	50 609	269	25
21	50 023	267	25
22	49 555	265	25
23	48 912	263	25
24	48 397	262	25
25	48 282	260	25
26	47 709	258	25
27	47 250	256	25
28	46 792	267	20
29	46 333	264	20
30	45 302	261	20
Sept 1	44 728	257	20
2	44 270	254	20
3	43 811	63	20
4	43 582	55	20
5	43 410	48	20
6	43 467	40	20
7	43 353	40	20
8	43 238	41	20
9	43 238	41	20
10	43 126	42	20
11	43 014	42	20
12	42 902		
13	43 014		
14	43 126		
15	43 126		
16	43 238		
17	43 353		
18	43 353		
19	43 238		
20	43 126		
21	43 182		
22	43 238		
23	43 238		
24	43 582		
25	43 582		
26	43 582		
27	43 697		
Total		6835	



# HENRYS FORK - DAILY SEGREGATION OF FLOW 1942

24 HOUR SECOND- FEET EXCEPT AS NOTED

HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	DATE	STORAGE AT HENRYS FK NEAR REXBURG
TOR	NORM	TOTAL	(A)	(B)	STOR	NORM	TOTAL	REXBURG		
-29	2519	2490			-29	3109	3080		May 30	-29
-29	2499	2470			-29	3159	3130		31	-29
103	2523	2420			-103	3043	2940		June 1	-103
102	2401	2300			-102	2682	2580		2	-102
103	2283	2180			-103	2373	2270		3	-103
02	2222	2120			-102	2372	2270		4	-102
103	2223	2120			-103	2503	2400		5	-103
29	2109	2080			-29	2409	2380		6	-29
29	2149	2120			-29	2549	2520		7	-29
29	2129	2100			-29	2569	2540		8	-29
29	2209	2180			-29	2919	2890		9	-29
29	2209	2180			-29	3329	3300		10	-29
29	2229	2200			-29	3909	3880		11	-29
29	2149	2120			-29	3259	3230		12	-29
64	2164	2000			-164	2684	2520		13	-164
64	2064	1900			-164	2544	2380		14	-164
64	2024	1860			-164	2414	2250		15	-164
64	1944	1830			-164	2354	2190		16	-164
64	2104	1940			-164	3124	2960		17	-164
64	2024	1860			-164	2774	2610		18	-164
64	1894	1730			-164	2284	2120		19	-164
64	1894	1730			-164	2264	2100		20	-164
64	1794	1630			-164	2104	1940		21	-164
64	1764	1600			-164	1864	1700		22	-164
64	1684	1520			-164	1684	1520		23	-164
64	1684	1520			-164	1624	1460		24	-164
34	1654	1520			-134	1744	1610		25	-134
35	1575	1440			-135	2035	1900		26	-135
34	1654	1520			-134	2304	2170		27	-134
5	1655	1520			-135	2075	1940		28	-135
34	1584	1450			-134	1654	1520		29	-134
35	1685	1550			-135	1645	1510		30	-135
33	1603	1470			-133	1513	1380		July 1	-133
34	1524	1390			-134	1354	1220		2	-134
33	1513	1380			-133	1373	1240		3	-133
34	1514	1380			-134	1384	1250		4	-134
33	1463	1330			-133	1283	1150		5	-133
34	1464	1330			-134	1284	1150		6	-134
8	1408	1330			-78	1358	1280		7	-78
8	1408	1330			-78	1288	1210		8	-78
8	1398	1320			-78	1208	1130		9	-78
8	1358	1280			-78	1072	994		10	-78
8	1338	1260			-78	894	816		11	-78
8	1338	1260			-78	808	730		12	-78
9	1221	1340		196	-77	770	693		13	-77
6	1194	1390		252	-56	768	712		14	-56
1	1369	1790		509	-88	1007	919	73	15	-161
5	1205	1790		482	103	859	962	72	16	31
5	1235	1810		500	75	955	1030	73	17	2
5	1185	1770		522	63	909	972	88	18	-25
5	1215	1810		523	72	890	962	165	19	-93
5	1215	1810		524	71	826	897	302	20	-231
5	1235	1830		530	65	832	897	279	21	-214
0	1220	1810		541	49	807	856	293	22	-244
5	1215	1810		539	56	750	806	309	23	-253
2	1248	1440	49	616	125	794	919	328	24	-203
0	1320	2120	49	653	196	914	1110	367	25	-171
0	1199	2140	49	897	93	947	1040	485	26	-392
5	1235	2180	49	915	79	991	1070	499	27	-420
5	1280	2280	49	942	107	1173	1280	415	28	-308
5	1218	2320	49	955	196	1084	1280	484	29	-288
5	1218	2320	49	983	168	1132	1300	342	30	-174
5	1250	2400	49	988	211	1209	1420	364	31	-153

Includes Fall River storage diversions

DATE	HENRYS LAKE CONTENTS AC.-FT.	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISL. PARK	STORAGE DIVERSIONS ABOVE ISL. PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISL. PARK RESERVOIR	DATE	ISL. PARK RESERVOIR CONTENTS AC.-FT.	HENRYS FORK NR. ISL. PARK		
		STOR.	NORM.	TOTAL							STOR.	NORM.	TOTAL
July 29	63095	237	35	272	9	4	12	236	July 30	108235	1280	410	16
30	62973	237	35	272	9	4	10	234	31	106335	1280	410	16
31	62244	237	35	272	9	4	10	234	Aug 1	104315	1280	410	16
Aug 1	61515	240	30	270	10	4	10	236	2	102255	1280	410	16
2	61151	242	30	272	10	4	10	238	3	100150	1280	410	16
3	59420	242	30	272	10	4	10	238	4	98340	1280	410	16
4	58997	240	30	270	10	4	10	236	5	96420	1270	410	16
5	58758	239	30	269	10	4	10	236	6	94325	1270	410	16
6	58639	237	30	267	9	4	10	235	7	92515	1270	410	16
7	58520	235	30	265	9	4	10	234	8	90540	1180	410	16
8	58281	233	30	263	9	4	10	232	9	88840	1110	410	16
9	56969	233	30	263	9	4	10	230	10	87160	1110	410	16
10	57208	231	30	261	9	4	10	230	11	85445	990	410	16
11	56730	230	30	260	9	4	10	228	12	84175	910	410	16
12	56015	239	30	269	10	4	10	227	13	81850	910	410	16
13	55418	264	30	294	11	4	10	235	14	81605	610	410	16
14	54822	262	30	292	10	4	10	259	15	81015	650	410	16
15	54120	267	25	292	11	4	10	258	16	80255	670	410	16
16	53535	267	25	292	11	4	10	262	17	79500	670	410	16
17	52949	267	25	292	10	4	10	262	18	78690	670	410	16
18	52481	269	25	294	10	4	10	263	19	77885	720	410	16
19	51779	267	25	292	10	4	10	263	20	76975	770	410	16
20	51194	267	25	292	10	4	10	263	21	75910	730	410	16
21	50609	269	25	294	10	4	10	265	22	74910	630	410	16
22	50023	267	25	292	10	4	10	265	23	74520	630	410	16
23	49555	265	25	290	10	4	10	261	24	73590	630	410	16
24	48912	263	25	288	10	4	10	259	25	72450	610	410	16
25	48397	262	25	287	10	3	10	259	26	72450	555	410	16
26	48282	260	25	285	10	0	10	260	27	71860	555	410	16
27	47709	258	25	283	10		10	258	28	71115	555	410	16
28	47250	256	25	281	10		10	256	29	70480	555	410	16
29	46792	267	20	287	10		10	267	30	70220	555	410	16
30	46333	264	20	284	10		10	264	31	70220	555	410	16
31	45302	261	20	281	10		10	261	Sept 1	69130	558	407	16
Sept 1	44728	257	20	277	10		10	257	2	68565	560	405	16
2	44270	254	20	274	10		10	254	3	68105	555	405	16
3	43811	63	20	83	3		10	70	4	67695	544	405	16
4	43582	55	20	75	2		10	63	5	66740	544	405	16
5	43410	48	20	68	2		10	56	6	65800	544	405	16
6	43467	40	20	60	2		10	48	7	64915	544	405	16
7	43353	40	20	60	2		10	48	8	64140	539	405	16
8	43238	41	20	61	2		10	44	9	62950	534	405	16
9	43238	41	20	61	2		10	49	10	62055	534	405	16
10	43126	42	20	62	2		10	50	11	61175	539	405	16
11	43014	42	20	62	2		10	50	12	60170	-86	761	16
12	42902								13	60535			16
13	43014								14	60590			16
14	43126								15	60535			16
15	43126								16	60590			16
16	43238								17	60445			16
17	43353								18	60265			16
18	43353								19	60170			16
19	43238								20	60125			16
20	43126								21	60170			16
21	43182								22	60215			16
22	43238								23	60310			16
23	43238								24	60355			16
24	43582								25	60310			16
25	43582								26	60215			16
26	43582								27	60310			16
27	43697								28	60445			16
Total		6835			273	170	684	7076				43518	



# HENRYS FORK - DAILY SEGREGATION OF FLOW 1942

24 HOUR SECOND- FEET EXCEPT AS NOTED

FORK TUN	GRASSY LAKE STORAGE RELEASE	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	DATE	STORAGE AT HENRYS FK. NEAR REXBURG
			STOR	NORM	TOTAL			
2490			-29	3109	3080		May 30	-29
2470			-29	3159	3130		31	-29
2420			-103	3043	2940		June 1	-103
2300			-102	2682	2580		2	-102
2180			-103	2373	2270		3	-103
2120			-102	2372	2270		4	-102
2120			-103	2503	2400		5	-103
2080			-29	2409	2380		6	-29
2120			-29	2544	2520		7	-29
2100			-29	2569	2540		8	-29
2180			-29	2919	2890		9	-29
2180			-29	3329	3300		10	-29
2200			-29	3909	3880		11	-29
2120			-29	3259	3230		12	-29
2000			-164	2684	2520		13	-164
1900			-164	2544	2380		14	-164
1860			-164	2414	2250		15	-164
1830			-164	2354	2190		16	-164
1940			-164	3124	2960		17	-164
1860			-164	2774	2610		18	-164
1730			-164	2284	2120		19	-164
1730			-164	2264	2100		20	-164
1630			-164	2104	1940		21	-164
1600			-164	1864	1700		22	-164
1520			-164	1684	1520		23	-164
520			-164	1624	1460		24	-164
520			-134	1744	1610		25	-134
440			-135	2035	1900		26	-135
520			-134	2304	2170		27	-134
520			-135	2075	1940		28	-135
450			-134	1654	1520		29	-134
550			-135	1645	1510		30	-135
470			-133	1513	1380		July 1	-133
390			-134	1354	1220		2	-134
380			-133	1373	1240		3	-133
380			-134	1384	1250		4	-134
330			-133	1283	1150		5	-133
330			-134	1284	1150		6	-134
30			-78	1358	1280		7	-78
30			-78	1288	1210		8	-78
20			-78	1208	1130		9	-78
80			-78	1072	994		10	-78
60			-78	894	816		11	-78
60			-78	808	730		12	-78
10	146	-77	770	693			13	-77
0	252	-56	768	712			14	-56
0	509	-88	1007	919	73		15	-161
0	482	103	859	962	72		16	31
0	500	75	955	1030	73		17	2
0	522	63	909	972	88		18	-25
0	523	72	890	962	165		19	-93
0	524	71	826	897	302		20	-231
0	530	65	832	897	279		21	-214
0	541	49	807	856	293		22	-244
0	539	56	750	806	309		23	-253
49	616	125	794	919	328		24	-203
49	653	146	914	1110	367		25	-171
49	897	93	947	1040	485		26	-392
49	915	79	991	1070	499		27	-420
49	942	107	1173	1280	415		28	-308
49	955	146	1084	1280	484		29	-288
49	983	168	1132	1300	342		30	-174
49	988	211	1209	1420	364		31	-153

1 River storage diversions

DATE	HENRYS LAKE CONTENTS AC.-FT.	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISL. PARK	STORAGE DIVERSIONS ABOVE ISL. PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISL. PARK RESERVOIR	DATE	ISL. PARK RESERVOIR CONTENTS AC.-FT.	HENRYS FORK NR. ISL. PARK		
		STOR	NORM	TOTAL							STOR	NORM	TOTAL
July 29	63095	237	35	272	9	4	12	236	July 30	108235	1280	410	164
30	62973	237	35	272	9	4	10	234	31	106335	1280	410	164
31	62244	237	35	272	9	4	10	234	Aug 1	104315	1280	410	164
Aug 1	61515	240	30	270	10	4	10	236	2	102255	1280	410	164
2	61151	242	30	272	10	4	10	238	3	100150	1280	410	164
3	59420	242	30	272	10	4	10	238	4	98340	1280	410	164
4	58997	240	30	270	10	4	10	236	5	96420	1270	410	164
5	58758	239	30	269	10	4	10	235	6	94325	1270	410	164
6	58639	237	30	267	9	4	10	234	7	92515	1270	410	164
7	58520	235	30	265	9	4	10	232	8	90540	1180	410	15
8	58281	233	30	263	9	4	10	230	9	88840	1110	410	15
9	56969	233	30	263	9	4	10	230	10	87160	1110	410	15
10	57208	231	30	261	9	4	10	228	11	85445	990	410	14
11	56730	230	30	260	9	4	10	227	12	84175	910	410	13
12	56015	239	30	269	10	4	10	235	13	82850	910	410	13
13	55418	264	30	294	11	4	10	259	14	81605	610	410	10
14	54822	262	30	292	10	4	10	258	15	81015	630	410	10
15	54120	267	25	292	11	4	10	262	16	80255	670	410	10
16	53535	267	25	292	11	4	10	262	17	79500	670	410	10
17	52949	267	25	292	10	4	10	263	18	78690	670	410	10
18	52481	269	25	294	10	4	10	265	19	77885	720	410	11
19	51779	267	25	292	10	4	10	263	20	76975	770	410	11
20	51194	267	25	292	10	4	10	263	21	75910	730	410	11
21	50609	269	25	294	10	4	10	265	22	74910	630	410	11
22	50023	267	25	292	10	4	10	263	23	74520	630	410	11
23	49555	265	25	290	10	4	10	261	24	73590	630	410	11
24	48912	263	25	288	10	4	10	259	25	72450	610	410	11
25	48397	262	25	287	10	3	10	259	26	72450	555	410	11
26	48282	260	25	285	10	0	10	260	27	71860	555	410	11
27	47709	258	25	283	10		10	258	28	71115	555	410	11
28	47250	256	25	281	10		10	256	29	70480	555	410	11
29	46792	267	20	287	10		10	267	30	70120	555	410	11
30	46333	264	20	284	10		10	264	31	70220	555	410	11
Sept 1	45302	261	20	281	10		10	261	Sept 1	69130	558	407	11
2	44728	257	20	277	10		10	257	2	68565	560	405	11
3	44270	254	20	274	10		10	254	3	68105	555	405	11
4	43811	63	20	83	3		10	70	4	67545	549	405	11
5	43582	55	20	75	2		10	63	5	66740	544	405	11
6	43410	48	20	68	2		10	56	6	65800	549	405	11
7	43467	40	20	60	2		10	48	7	64915	544	405	11
8	43353	40	20	60	2		10	48	8	64140	539	405	11
9	43238	41	20	61	2		10	44	9	63450	534	405	11
10	43238	41	20	61	2		10	49	10	62055	534	405	11
11	43126	42	20	62	2		10	50	11	61175	539	405	11
12	43014	42	20	62	2		10	50	12	60170	-86	761	11
13	42902								13	60535			
14	43014								14	60540			
15	43126								15	60535			
16	43126								16	60590			
17	43238								17	60445			
18	43353								18	60265			
19	43353								19	60170			
20	43238								20	60125			
21	43126								21	60170			
22	43182								22	60215			
23	43238								23	60310			
24	43238								24	60355			
25	43582								25	60310			
26	43582								26	60215			
27	43697								27	60310			
28									28	60445			
Total		6835			273	170	684	7076			43518		



# REGULATION OF FLOW 1942

NOTED

PLATE M

HENRYS FORK NEAR LAKE STOR. NORM. TOTAL	STOR. LOSS LAKE TO ISL. PARK	STORAGE DIVERSIONS ABOVE ISL. PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISL. PARK RESERVOIR	DATE	ISL. PARK RESERVOIR CONTENTS AC.-FT.	HENRYS FORK NR. ISL. PARK			STOR. LOSS ISL. PARK TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	DATE
							STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL		
095	237	35	272	9	July 30	108235	1280	410	1690	32	July 31	1248	1242	2490	49	(6)	346	1134	1480	367	Aug 1
973	237	35	272	9	31	106335	1280	410	1690	32	Aug 1	1248	1192	2440	52	951	298	1132	1430	367	2
244	237	35	272	9	Aug 1	104315	1280	410	1690	32	2	1248	1222	2470	49	1002	313	1107	1420	368	3
515	240	30	270	10	2	102255	1280	410	1690	32	3	1248	1172	2420	49	984	312	1088	1400	367	4
151	242	30	272	10	3	100150	1280	410	1690	32	4	1248	1172	2420	49	985	287	1093	1380	296	5
420	242	30	272	10	4	98340	1280	410	1690	32	5	1248	1172	2420	49	1010	331	1067	1400	301	6
87	240	30	270	10	5	96420	1270	410	1680	32	6	1238	1142	2380	62	966	345	1025	1370	317	7
39	237	30	267	9	6	94325	1270	410	1680	32	7	1238	1182	2420	87	946	379	1001	1380	321	8
20	235	30	265	9	7	92515	1270	410	1680	32	8	1238	1182	2420	87	914	411	1019	1430	322	9
81	233	30	263	9	8	90540	1180	410	1590	30	9	1150	1070	2220	87	871	366	924	1240	289	10
69	233	30	263	9	9	88840	1110	410	1520	28	10	1082	1158	2240	87	865	304	986	1290	287	11
08	231	30	261	9	10	87160	1110	410	1520	28	11	1082	1158	2240	87	868	301	944	1250	287	12
80	230	30	260	9	11	85445	990	410	1400	25	12	965	1095	2060	87	831	221	909	1130	279	13
15	234	30	264	10	12	84175	910	410	1320	23	13	887	1043	1980	87	809	165	915	1080	297	14
8	264	30	294	11	13	82850	910	410	1320	23	14	887	1053	1940	87	790	184	936	1120	285	15
2	262	30	292	10	14	81605	610	410	1020	15	15	595	1005	1600	76	756	-85	931	846	283	16
0	267	25	292	11	15	81015	650	410	1060	16	16	634	1116	1750	49	756	-73	970	897	277	17
5	267	25	292	11	16	80255	670	410	1080	17	17	653	1077	1730	49	749	-47	934	887	309	18
9	267	25	292	10	17	79500	670	410	1080	17	18	653	1067	1720	49	727	-25	891	866	308	19
01	269	25	294	10	18	78690	670	410	1080	17	19	653	1097	1750	49	727	-25	922	897	302	20
4	267	25	292	10	19	77885	720	410	1130	18	20	702	1138	1840	49	732	19	932	951	305	21
9	267	25	292	10	20	76975	770	410	1180	19	21	751	1109	1860	49	709	91	892	983	305	22
9	269	25	294	10	21	75910	730	410	1140	18	22	712	1038	1750	49	706	55	885	940	277	23
3	267	25	292	10	22	74910	630	410	1040	16	23	614	1066	1680	49	676	-13	869	856	264	24
5	265	25	290	10	23	74520	630	410	1040	16	24	614	1116	1730	49	688	-25	912	887	267	25
2	263	25	288	10	24	73590	630	410	1040	16	25	614	1116	1730	49	689	-26	923	897	232	26
7	262	25	287	10	25	72450	610	410	1020	15	26	595	1135	1730	49	636	8	986	994	241	27
4	260	25	285	10	26	72450	555	410	965	14	27	541	1069	1610	49	557	33	918	951	280	28
0	258	25	283	10	27	71860	555	410	965	14	28	541	1069	1610	49	574	-33	984	951	311	29
3	256	25	281	10	28	71115	555	410	965	14	29	541	1109	1650	49	579	-38	1010	972	312	30
8	267	20	287	10	29	70480	555	410	965	14	30	541	1109	1650	49	556	-15	998	983	253	31
5	264	20	284	10	30	70220	555	410	965	14	31	541	1119	1660	49	551	-10	1020	1010	246	Sept 1
2	261	20	281	10	31	70220	555	410	965	14	Sept 1	541	1109	1650	49	501	40	1000	1040	260	2
5	257	20	277	10	Sept 1	69130	558	407	965	14	2	544	1086	1630	49	463	81	969	1050	224	3
1	254	20	274	10	2	68565	560	405	965	14	3	546	1084	1630	49	461	85	965	1050	203	4
	63	20	83	3	3	68105	555	405	960	14	4	541	1089	1630	49	446	95	985	1080	205	5
	55	20	75	2	4	67695	549	405	954	14	5	535	1095	1630	49	428	107	1053	1160	190	6
	48	20	68	2	5	66740	544	405	949	13	6	531	1099	1630	49	418	113	1127	1240	202	7
	40	20	60	2	6	65800	549	405	954	14	7	535	1125	1660	49	413	122	1138	1260	234	8
	40	20	60	2	7	64915	544	405	949	13	8	531	1119	1650	49	409	122	1138	1260	238	9
	41	20	61	2	8	64140	539	405	944	13	9	526	1104	1630	49	482	44	1216	1260	235	10
	41	20	61	2	9	62950	534	405	939	13	10	521	1109	1630	49	556	-35	1315	1280	239	11
	42	20	62	2	10	62055	534	405	939	13	11	521	1109	1630	49	392	129	1171	1300	233	12
	42	20	62	2	11	61175	539	405	944	13	12	526	1144	1720	49	386	140	1350	1490	175	13
					12	60170	-86	761	675	-2	13	-84	1354	1270		331	-415	1895	1480	45	14
					13	60535					14										15
					14	60540					15										16
					15	60535					16										17
					16	60590					17										18
					17	60445					18										19
					18	60265					19										20
					19	60170					20										21
					20	60125					21										22
					21	60170					22										23
					22	60215					23										24
					23	60310					24										25
					24	60355					25										26
					25	60310					26										27
					26	60215					27										28
					27	60310					28										29
					28	60445					29										30
6835												42429				2111	44329	211			17579



OF FLOW 1942

PLATE NO. 21

STORED LOSS LAKE TO ISL. PARK	STORAGE DIVERSIONS ABOVE ISL. PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISL. PARK RESERVOIR	DATE	ISL. PARK RESERVOIR CONTENTS AC-FT.	HENRYS FORK NR. ISL. PARK	STORED LOSS ISL. PARK TO ASHTON	DATE	HENRYS FORK NEAR ASHTON	GRASSY LAKE STORAGE RELEASE	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY	STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	DATE	STORAGE HENRYS FK NEAR REXBURG
						STOR. NORM. TOTAL			STOR. NORM. TOTAL	(a)	(b)	STOR. NORM. TOTAL			
			236	July 30	108235	1280 410 1690	32	July 31	1248 1242 2490	49	951	346 1134 1480	367	Aug 1	-21
9	T	12	234	31	106335	1280 410 1690	32	Aug 1	1248 1192 2440	52	1002	298 1132 1430	367	2	-69
9	T	10	234	Aug 1	104315	1280 410 1690	32	2	1248 1222 2470	49	984	313 1107 1420	368	3	-55
10	T	10	236	2	102255	1280 410 1690	32	3	1248 1172 2420	49	985	312 1088 1400	367	4	-55
10	T	10	238	3	100150	1280 410 1690	32	4	1248 1172 2420	49	1010	287 1093 1380	296	5	-9
10	T	10	238	4	98340	1280 410 1690	32	5	1248 1172 2420	49	966	331 1069 1400	301	6	30
10	T	10	236	5	96420	1270 410 1680	32	6	1238 1142 2380	62	955	345 1025 1370	317	7	28
10	T	10	235	6	94325	1270 410 1680	32	7	1238 1182 2420	87	946	379 1001 1380	321	8	58
9	T	10	234	7	92515	1270 410 1680	32	8	1238 1182 2420	87	914	411 1019 1430	322	9	89
9	T	10	232	8	90540	1180 410 1590	30	9	1150 1070 2220	87	871	366 924 1296	291	10	75
9	T	10	230	9	88840	1110 410 1520	28	10	1082 1158 2240	87	865	304 986 1290	289	11	15
9	T	10	230	10	87160	1110 410 1520	28	11	1082 1158 2240	87	868	301 949 1250	287	12	14
9	T	10	228	11	85445	990 410 1400	25	12	965 1095 2060	87	831	221 909 1130	279	13	-58
9	T	10	227	12	84175	910 410 1320	23	13	887 1093 1980	87	809	165 915 1080	297	14	-132
10	T	10	235	13	82850	910 410 1320	23	14	887 1053 1940	87	790	184 936 1120	285	15	-101
11	T	10	259	14	81605	610 410 1020	15	15	595 1005 1600	76	756	-85 931 846	283	16	-368
10	T	10	258	15	81015	650 410 1060	16	16	634 1116 1750	49	756	-73 970 897	277	17	-350
11	T	10	262	16	80255	670 410 1080	17	17	653 1077 1730	49	744	-47 934 887	309	18	-356
11	T	10	262	17	79500	670 410 1080	17	18	653 1067 1720	49	727	-25 891 866	308	19	-333
10	T	10	263	18	78690	670 410 1080	17	19	653 1097 1750	49	727	-25 922 897	302	20	-327
10	T	10	265	19	77885	720 410 1130	18	20	702 1138 1840	49	732	19 932 951	305	21	-286
10	T	10	263	20	76975	770 410 1180	19	21	751 1109 1860	49	709	91 892 983	305	22	-214
10	T	10	263	21	75910	730 410 1140	18	22	712 1038 1750	49	706	55 885 940	277	23	-222
10	T	10	265	22	74910	630 410 1040	16	23	614 1066 1680	49	676	-13 869 856	264	24	-277
10	T	10	263	23	74520	630 410 1040	16	24	614 1116 1730	49	688	-25 912 887	267	25	-292
10	T	10	261	24	73590	630 410 1040	16	25	614 1116 1730	49	689	-26 923 897	232	26	-258
10	T	10	259	25	72450	610 410 1020	15	26	595 1135 1730	49	636	8 986 994	241	27	-233
10	3	10	259	26	72450	555 410 965	14	27	541 1069 1610	49	557	33 918 951	280	28	-247
10	0	10	260	27	71860	555 410 965	14	28	541 1069 1610	49	574	-33 984 951	311	29	-344
10		10	258	28	71115	555 410 965	14	29	541 1109 1650		579	-38 1010 972	312	30	-350
10		10	256	29	70480	555 410 965	14	30	541 1109 1650		556	-15 998 983	253	31	-268
10		10	267	30	70220	555 410 965	14	31	541 1119 1660		551	-10 1020 1010	246	Sept 1	-256
10		10	261	31	70220	555 410 965	14	Sept 1	541 1109 1650		501	40 1000 1040	260	2	-220
10		10	261	Sept 1	69130	558 407 965	14	2	544 1086 1630		463	81 969 1050	224	3	-143
10		10	257	2	68565	560 405 965	14	3	546 1084 1630		461	85 965 1050	203	4	-118
10		10	254	3	68105	555 405 960	14	4	541 1084 1630		446	45 985 1030	205	5	-110
3		10	70	4	67695	549 405 954	14	5	535 1045 1630		428	107 1053 1160	140	6	-83
2		10	63	5	66740	544 405 949	13	6	531 1049 1630		418	113 1127 1240	202	7	-89
2		10	56	6	65800	549 405 954	14	7	535 1125 1660		413	122 1138 1260	234	8	-112
2		10	48	7	64915	544 405 949	13	8	531 1119 1650		409	122 1138 1260	238	9	-116
2		10	48	8	64140	539 405 944	13	9	526 1104 1630		482	44 1216 1260	235	10	-191
2		10	44	9	62950	534 405 939	13	10	521 1109 1630		556	-35 1315 1280	239	11	-274
2		10	49	10	62055	534 405 939	13	11	521 1109 1630		392	129 1171 1300	233	12	-104
2		10	50	11	61175	539 405 944	13	12	526 1144 1720		386	140 1350 1490	175	13	-35
2		10	50	12	60170	-86 761 675	-2	13	-84 1354 1270		331	-415 1095 1480	45	14	-460
				13	60535			14						15	
				14	60590			15						16	
				15	60535			16						17	
				16	60590			17						18	
				17	60445			18						19	
				18	60265			19						20	
				19	60170			20						21	
				20	60125			21						22	
				21	60170			22						23	
				22	60215			23						24	
				23	60310			24						25	
				24	60355			25						26	-242
				25	60310			26			170	-170 1142 972	72	27	-420
				26	60215			27			331	-331 1293 962	89	28	-414
				27	60310			28			325	-325 1244 919	89	29	-411
				28	60445			29			320	-320 1207 887	91	30	-406
											315	-315 1202 887	41		
73	170	684	7076		43518		1089		42429	2111	44329	211	17579		-17368



## Name of Canal

Name of Canal	No.	July
Users above Isl. Park Res.	1	12
Boom Cr. Canal	2	13
Squirrel Cr. Canal	3	14
Conant Cr. Canal	4	15
R.B. Peterson (Conant Cr.)	5	16
Harrigfeld Canal	6	17
Yellowstone Canal	7	18
Marysville Canal	8	19
Farmers Own Canal	9	20
Enterprise Canal	10	21
Bell Canal	11	22
Fall River Canal (Incl. Cross Cut)	12	23
Chester Canal	13	24
McBee Canal	14	25
Silhey Canal	15	26
Cur Canal	16	27
Gross Cut Canal (H)	17	28
Dewey Canal	18	29
Last Chance Canal	19	30
St. Anthony Union Canals	20	31
Farmers Friend Canal	21	32
Twin Groves Canal	22	33
Salem Union Canal	23	34
Total Ashton To St. Anthony	24	35
Egin Canal	25	36
Independent Canal	26	37
Consolidated Farmers Canal	27	38
Island Ward (Rising water)	28	39
Siddoway Canal	29	40
Wilford Canal	30	41
Good Luck Canal	31	42
Pioneer Ditch	32	43
Stewart Ditch	33	44
Thompson - Farnes Ditch	34	45
Pincock - Byington Ditch	35	46
Gardner Pitch	36	47
Pincock - Garner Ditch	37	48
Teton Island Feeder Canal	38	49
Woodmanse-Johnson Canal	39	50
City of Rexburg Canal	40	51
Teton Irrig. Canal	41	52
Roxana Canal	42	53
McCormick - Rowe Ditch	43	54
Rexburg Irrig. Canal (H)	44	55
Canyon Creek Canal (H)	45	56
Teton Basin Users	46	57
Total St. Anthony To Rexburg (H)	47	58



## STORAGE DIVERS

Name of Canal

STORAGE DIVERSI

No.	July	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aug	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Users above Isl. Park Res.	1																																				
Boom Cr. Canal	2																																				
Squirrel Cr. Canal	3			3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
Conant Cr. Canal	4	24	26	20	19	15	15	14	16	15	12	9	9	8	8	8	8	8	8	8	8	6	6	7	6	6	6	6	6	6	6	6	6	6	6		
R.B. Peterson (Conant Cr.)	5																																				
Harrisfeld Canal	6	26	25	24	25	25	28	27	25	25	16	14	24	24	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23		
Yellowstone Canal	7																																				
Marysville Canal	8																																				
Farmers Own Canal	9			11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12		
Enterprise Canal	10			168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168		
Bell Canal	11	27	29	61	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62		
Fall River Canal (Incl. Cross Cut)	12	130	130	125	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123		
Chester Canal	13																																				
McBee Canal	14			11	0	0	0	5	3	3	0	0	29	32	21	21	21	22	21	26	26	24	24	21	24	27	22	22	21	21	21	21	21	21			
Silhey Canal	15																																				
Cur Canal	16																																				
Cross Cut Canal (H)	17																																				
Dewey Canal	18																																				
Last Chance Canal	19																																				
St Anthony Union Canals	20	20	24	11	13	15	12	10	10	10	10	10	10	10	11	9	8	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
Farmers Friend Canal	21			71	40	46	52	52	52	51	50	50	50	50	50	50	44	44	44	44	44	46	44	45	45	43	43	44	42	45	42	41	40	40	40		
Twin Groves Canal	22	16	18	20	20	30	39	40	45	53	60	64	74	78	81	80	49	40	37	38	33	32	31	35	35	40	37	52	59	55	56	65	60	42	41		
Salem Union Canal	23																																				
Total Ashton to St Anthony	24																																				
Egin Canal	25																																				
Independent Canal	26																																				
Consolidated Farmers Canal	27																																				
Island Ward (rising water)	28																																				
Siddoway Canal	29			48	47	47	48	50	51	48	48	40	38	40	39	37	30	23	22	22	21	19	18	17	18	23	21	21	20	20	18	16	16	23	24		
Wilford Canal	30																																				
Good Luck Canal	31																																				
Pioneer Ditch	32																																				
Stewart Ditch	33																																				
Thompson - Eames Ditch	34																																				
Pincock - Byington Ditch	35																																				
Gardner Ditch	36																																				
Pincock - Garner Ditch	37																																				
Teton Island Feeder Canal	38																																				
Woodmanse - Johnson Canal	39																																				
City of Rexburg Canal	40																																				
Teton Irrig. Canal	41																																				
Bozana Canal	42																																				
McCormick - Rowe Ditch	43																																				
Rexburg Irrig. Canal	44																																				
Canyon Creek Canal (10)	45																																				
Teton Basin Users (10)	46																																				
Total St. Anthony to Rexburg (12)	47																																				



# STORAGE DIVERSIONS ON HENRYS FORK AND TRIBUTARIES

24-Hr. Sec. Ft. except as noted

[illegible]



# HENRY'S FORK AND TRIBUTARIES

Ft. except as noted

																															Reservoir R														
23	24	25	26	27	28	29	30	31	Sept 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	No.	Total Sec. Ft.	Total Ac. Ft.	Isl. Park + Gassay L. Regular Allotment	Henry's Lake	Am. Fall		
4	4	4	3																																			1							
																																						2	170	337					
5	5	5	5	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
14	13	12	12	12	12	10	10	10	10	10	10	10	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
12	12	11	12	12	11	11	11	11	11	11	11	10	10	9	10	10	9	9	8	8	9	10																							
104	106	105	97	76	76	76	76	76	76	59	58	57	57	48	48	47	48	48	45	45	36																								
20	20	20	20	20	20	20	20	18	18	18	18	24	24	24	24	24	24	24	24	24	23	20																							
136	135	136	142	138	138	138	138	138	136	135	133	132	131	130	130	127	104	103	103	112	103																								
										5	5	5	5	5			0	89	179	27																									
4	4	5	12	0																																									
4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	3	3	3	3	3	3	13	5																							
1	1	1	1																																										
			12	12	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5																								
114	113	113	98	64	52	52	48	43	26								8	4	4	4	4																								
11	10	10	10	10	9	9	9	9	9																																				
39	39	39	32	32	32	32	32	32	33	34	34	33	34	27	27	27	27	27	27	27	27	27																							
17	16	17	13	12	20	21	20	20	20	20	21	22	23	22	22	22	22	22	22	22	22	22																							
68	68	67	32	34	29	29	29	29	28	28	28	28	28	28	28	28	27	27	27	27	27	27																							
127	142	144	135	127	162	168	152	152	132	130	131	112	106	108	103	103	103	92	81	87	61																								
676	688	689	636	557	574	579	556	551	501	463	461	446	428	418	413	409	402	556	392	386	331																								
				51	51	51	47	19	29	10	4	4	4	6	37	37	37	41	37	0																									
176	176	62	63	51	82	84	84	105	106	88	73	73	58	67	67	76	75	75	75	51																									
76	78	158	162	159	160	160	104	104	104	104	103	104	103	104	104	104	102	102	102	102	22																								
12	13	12	16	19	18	17	18	18	21	22	23	24	25	25	26	21	21	21	19	22	23																								
4	4	3	4	3	4	4	4	4	4	0																																			
28	25	25	25	5	5	0																																							
1	1	1	1																																										
50	50	50	50	30	30	30	20	20	20																																				
18	15	16	14	0	0	5	1	5	5																																				
7	7	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	0	0	4	4	4	4																							
264	267	232	241	240	311	312	253	246	260	224	203	205	190	202	234	238	235	239	233	175	45																								

72 89 89 91 91 52 17579 34867 41836 29950



# NOTES

- ① Rented from Fremont - Madison Dist. Storage Supply
- ② From Sheridan Cr. decree of Fremont - Madison Dist.
- ③ Used in Dewey Canal
- ④ Below Fall R. Canal diversions
- ⑤ From Silkey Canal
- ⑥ To Independent Canal
- ⑦ 912 from Sheridan Cr. decree of F.M.I. Dist. ; 556 additional allotment from I.P. & G.L. Reservoirs
- ⑧ Additional allotment by F.M.I. Dist
- ⑨ From Roxana
- ⑩ Listed here 1 day later than actual use
- ⑪ 3105 transferred to Teton Isl. Feeder & Roxana to replace natural flow used in Teton Basin ; 1225 used to supply prior Snake R. rights
- ⑫ Excludes Teton River diversions supplied Thru Cross Cut Canal
- ⑬ from St. Anth. Union & Egin
- ⑭ 195 from Teton Basin Users ; 986 To Consol. Farmers
- ⑮ 14 to City of Rexburg ; rented 10 from F.M.I. Dist.
- ⑯ 14 from Woodmanse - Johnson ; Rented 263 from F.M.I. Dist.
- ⑰ From Teton Basin & Canyon Cr. Users
- ⑱ 510 a.ft. to Teton Isl. Feeder ; 690 to prior Snake R. rights
- ⑲ Excludes Canyon Cr. & Teton Basin rentals transferred to prior rights on Teton R.



1942

## NOTES

- ① Rented from Fremont - Madison Dist. Storage Supply
- ② From Sheridan Cr. decree of Fremont - Madison Dist.
- ③ Used in Dewey Canal
- ④ Below Fall R. Canal diversions
- ⑤ From Silkey Canal
- ⑥ To Independent Canal
- ⑦ 912 from Sheridan Cr. decree of F.M.I. Dist.; 556 additional allotment from I.P. & G.L. Reservoirs
- ⑧ Additional allotment by F.M.I. Dist
- ⑨ From Roxana
- ⑩ Listed here 1 day later than actual use
- ⑪ 3105 transferred to Teton Isl. Feeder & Roxana to replace natural flow used in Teton Basin; 1225 used to supply prior Snake R. rights
- ⑫ Excludes Teton River diversions supplied Thru Cross Cut Canal
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- ⑲ Excludes Canyon Cr. & Teton Basin rentals transferred to prior rights on Teton R.



[illegible]



TETON BASIN AND SWAN VALLEY STREAM FLOW

[illegible]











VALLEY STREAM FLOW RECORDS 1942

## SECOND FEET

18	19	20	21	22	23	24	25	26	27	28	29	30	JUL 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AUG 1	2	3	4	5	6	7	8	9	10	11	12	13	14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			191		217				159	159			168		168	159	149		132		119		113		103		99		92								73			77		73			72		71			69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			97		129				66	69			104			121	108	98		72		58		54		44		29		29								29			25		23			22		20			18		18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			77		83				68	67			80			80				59		57		48		47	47		40	38	36	31	30	29	29	29	29	26	26	26	26	24	22	22	22	22	21	21	21	21	21	21	21	19	19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			42		48					28			34			38	37			30		26		18	20	22	20	20	16	24	23	19	19	17	14	15	15	15	15	15	14	14	14	13	14	14	13	13	12	12	12	13	11	12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			24		32					16			20			24				13		12		12	11	11	10	7.1	7.1	7.1	7.1	7.1	6.7	6.7	6.4	5.9	6.4	6.4	6.4	6.4	5.6	5.6	5.6	5.7	6.0	5.7	5.7	5.4	5.0	5.0	5.2	5.2	5.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			53		61					40			49			50				45		40		32	28	28	30	30	30	28	26	20	20	20	18	19	18	18	18	18	19	18	18	17	17	17	17	17	15	15	16	15	15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
										.5															1.0	.9	1.0				1.0	1.0	.7					.4	.5	.5	.5			.5	.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			29		35					24			28			32				21		19		19	18	17	16	14	13	12	12	12	11	12	12	12	12	12	12	10	9.6	9.8	9.8	9.3	9.5	9.5	9.8	9.2	8.4	7.9	8.3	7.9	8.3	7.5	7.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			6		11					7			10			13				7.0		6.8		6.8	6.0	6.0	6.3	6.3	6.0	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.0	5.6	5.0	4.5	4.5	4.3	4.2	4.0	3.7	3.7	4.0	3.7	4.0	3.3	3.3	3.3	3.3	2.9	2.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			32		43					31			37			36				26	28		18		23	20	18	15	15	19	15	14	14	15	14	15	14	15	14	11	15	16	15	15	15	13	14	13	13	12	11	10	11	12	13	10	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			57		107	96			51	61		93			97					60				49						23											18					16				14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			162		236				83			193			202							106		80		80		65			41																						25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
70	246			235	298			284	168			346			342		306	310		262		132	126			117			75			70		53	58				37				30			27	27		21		18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
68	105			101	168			22	11			28			138		85	24		23		8	7			3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
6	16			31													23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</



1942

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—, for the year ending September 30, 1912.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	227740	266230	296540	336020	363070	386260	405420	464910	627480	853380	681100	419540
2	229780	267070	297180	336880	363950	386920	405870	467200	633980	851580	671650	407430
3	231200	267900	298660	337970	365050	387580	406320	468800	640710	850820	661240	407430
4	232630	270630	302900	338620	366140	388250	407430	471100	650340	850050	651800	399830
5	234060	272090	303750	339270	367900	388910	408550	473620	662210	850050	644800	391570
6	235690	272930	305020	339920	368780	389580	409450	475910	673350	850050	637820	383150
7	237730	273770	306300	340790	370970	390020	410340	477740	686030	849790	629160	374960
8	239160	274610	307590	342310	371860	390680	411240	480030	700440	849790	619820	367460
9	240180	275650	308880	343400	372740	391570	412130	482780	716160	849530	610020	360880
10	241400	276280	309740	344700	373410	392460	413020	486470	730710	849020	601190	353860
11	242630	277120	310810	345560	374290	393120	413920	491550	744550	848510	592170	347080
12	244070	277960	311880	346430	374960	393790	415940	496860	754250	845440	583390	341220
13	245520	279000	312740	347300	375620	394460	418190	500090	763470	839590	574630	340790
14	246760	280260	314030	347950	376290	395360	419320	503550	771940	833740	565910	340570
15	248210	282150	315320	348600	377170	396030	420450	507710	780720	828400	557200	340570
16	249240	283190	316820	349260	377840	396700	421350	511900	791750	822800	547810	340360
17	250270	284240	317890	350360	378500	397150	422480	515150	801320	817230	539150	340360
18	251310	284870	319180	351230	378940	398040	424060	518170	809400	812180	530020	340570
19	252340	285510	321750	351890	379610	398710	426090	520960	816980	806120	520960	340360
20	253790	286360	323040	352550	380270	399380	428340	523750	825090	799040	512130	340570
21	254820	287000	324120	353210	380720	399830	431720	527700	831700	790240	504010	340790
22	256270	288270	325620	353640	381380	400280	436910	532360	836790	780720	496160	340790
23	257100	289120	326480	354300	382270	400950	443040	539620	842900	771440	488780	341220
24	258130	289960	327550	355180	382930	401620	446910	549680	847740	761720	480720	339920
25	259370	290810	328640	356060	383600	402290	450090	559550	853120	751760	472700	335370
26	260400	291660	329510	357370	384260	402740	452600	570390	851580	741340	464680	329290
27	261440	292510	330370	358470	385150	403180	455100	585050	852100	731200	456920	324970
28	262470	293780	331030	359130	385810	403630	457830	599720	852820	721560	448880	321540
29	263710	295050	332330	360220	386220	404080	460550	614420	850820	710760	439980	321540
30	264760	295900	333410	361100	386100	404530	462850	628960	852100	701180	431950	321330
31	265390		335150	361980	404970			642730	852100	691400	424730	



# Snake River at Moran, Wyoming

Daily discharge, in second-feet, of

For the year ending September 30, 1912  
Plate No. 25

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	20	20	17	18	19	20	21	20	3620	6020	3160
2	18	20	20	17	18	19	20	21	20	3770	6210	3640
3	18	20	20	17	18	19	20	21	21	3590	6020	4360
4	17	20	20	17	18	19	20	21	21	3380	4890	4840
5	17	19	19	17	18	19	20	21	21	3370	4210	4890
6	17	19	19	17	18	19	21	21	21	3370	4710	4860
7	17	19	18	17	18	19	21	21	27	3230	5800	4590
8	17	19	18	17	18	19	21	21	33	2950	5750	4120
9	17	20	18	17	18	19	21	21	32	2700	5550	3990
10	16	20	17	17	18	19	22	21	27	2510	5400	3910
11	16	20	17	17	18	19	22	20	20	3080	5340	3910
12	16	20	17	17	18	19	22	20	20	4540	5210	2170
13	17	20	17	17	18	19	22	18	18	4950	5150	552
14	17	20	17	17	18	19	22	18	18	4710	5080	458
15	17	20	17	17	18	19	21	18	18	4940	5310	344
16	17	20	17	17	18	19	21	18	18	4760	5450	274
17	18	21	18	17	18	19	21	18	18	4500	5400	242
18	18	21	18	17	18	19	21	18	18	4380	5340	242
19	18	21	18	17	18	19	21	18	18	5020	5370	224
20	18	21	18	17	18	19	21	18	19	5580	5050	206
21	18	21	18	17	18	19	21	18	18	6180	4500	206
22	18	21	17	17	18	19	22	18	394	6480	4500	182
23	18	20	17	17	18	19	22	18	1370	6040	4600	708
24	18	20	17	17	18	19	22	18	1850	6460	4950	2200
25	18	20	17	17	18	20	22	18	5360	6520	4730	3280
26	19	20	17	17	18	20	22	19	3680	6500	4750	3110
27	19	20	17	17	18	20	22	20	3400	6350	4710	1980
28	19	20	17	17	18	20	22	20	3560	6210	4970	1070
29	20	20	17	17	18	20	22	20	2370	6310	4830	242
30	20	20	17	17	18	20	22	20	1990	6190	4320	224
31	20	20	17	17	18	20	22	20	6010	3540		

MEAN	17.8	20.1	17.8	17.0	18.0	19.2	21.3	19.5	814	4781	5087	2139
ACRE-Feet	1090	1190	1090	10.50	1000	1180	1270	1200	48440	294000	312800	127300
Year or Period	1093											

MEAN  
Year  
or  
Period  
791610



Snake River near Heist, IDAHO

Daily discharge, in second-feet, of

For the year ending September 30, 1922

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3340	2860	2460	2210	2340	2080	2170	5220	11400	10400	10300	6660
2	3510	2900	2510	2010	2340	2120	2230	5710	11700	12100	10200	6200
3	3450	2960	2720	1900	2340	2120	2610	5630	13200	13100	10100	6870
4	3360	3170	3430	1850	2300	2110	3320	5760	14600	12800	9180	7370
5	3340	3430	3230	1900	2260	2120	3490	5680	15100	13300	8260	7430
6	3400	3230	2880	1950	2240	2100	3540	5760	15400	13600	8400	7400
7	3380	3090	2700	1960	2250	2040	3890	6140	17100	13400	9250	7270
8	3320	2960	2690	2010	2240	2110	4310	6960	18300	12700	9180	6810
9	3260	2860	2580	2070	2210	2120	5230	8030	19100	11800	8980	6600
10	3210	2820	2560	2070	2150	2150	5900	8370	18100	10900	8740	6540
11	3150	2780	2600	2150	2180	2170	7370	8470	15800	10500	8740	6930
12	3120	2760	2650	2210	2120	2170	8710	8030	14200	11700	8540	6660
13	3170	2760	2600	2190	2120	2170	9460	7500	13200	11800	8370	4500
14	3320	2760	2600	2190	2120	2170	9500	7300	12900	11300	8300	3960
15	3230	2760	2600	2190	2020	2100	8370	7460	13800	11800	8400	3670
16	3170	2820	2610	2170	1980	2020	8130	7530	13100	11700	8470	3490
17	3150	2880	2630	2150	1860	2070	8470	7180	11800	11300	8430	3360
18	3110	2980	2610	2140	1790	2100	8540	7120	11900	10800	8370	3320
19	3090	2900	2610	2120	1790	2070	8770	7160	11800	10700	8330	3320
20	3070	2700	2560	2150	1790	2010	9950	7990	11100	10800	8200	3280
21	3070	2620	2560	2150	1840	2010	11200	9280	10400	11000	7590	3260
22	3070	2540	2560	2170	1940	2020	11500	11200	10300	11100	7460	3230
23	3040	2480	2500	2170	2010	2040	10100	14000	11600	10600	7430	3210
24	3000	2430	2460	2170	2050	2080	10100	14000	11600	10600	7430	3210
25	3000	2480	2500	2170	2070	2140	8810	17900	12500	10900	7860	3760
26	3070	2460	2500	2210	2080	2070	7960	16300	15400	11000	7820	5410
27	3020	2430	2260	2220	2080	2030	7270	18400	15300	11000	7790	5820
28	3040	2380	2250	2340	2080	2040	6780	17700	13700	10800	7500	4900
29	2980	2400	2380	2380	2080	2040	6400	15200	12900	10700	7690	4500
30	2920	2400	2510	2370	2060	2060	6090	13500	11000	10800	7720	3600
31	2920	2920	2510	2370	2100	2100	6090	12300	11000	10600	7240	

MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
3174	2767	2607	2131	2100	2087	6749	9305	13,590	1155	8482	5179	
195,200	164,600	160,300	131,000	116,600	128,300	401,600	572,200	808,900	710,100	521,500	308,200	

MEAN  
YEAR  
OR  
PERIOD  
4,218,500

U. S. GOVERNMENT PRINTING OFFICE  
1922



# Snake River near Shelley, Idaho

Daily discharge, in second-feet, of

for the year ending September 30, 1912  
Plate No. 27

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2180	2650	2650	1900	2520	2150	2610	7130	10300	6830	3780	2760
2	2150	2650	2630	1650	2550	2250	2810	6860	8840	5760	3750	2490
3	2210	2680	2810	1760	2600	2350	2940	6700	7700	6930	3680	2050
4	2320	2740	3050	1700	2600	2400	3090	6630	7260	7730	3570	2060
5	2370	3030	3830	1700	2600	2400	3920	6470	9290	7460	2920	2960
6	2560	3730	3780	1500	2600	2360	4000	6270	9860	7670	2440	3050
7	2720	3640	3370	1600	2600	2340	3970	6210	10300	7900	2470	3110
8	2760	3440	3400	1900	2600	2320	6370	6210	10300	7900	2470	3110
9	2790	3190	3170	2200	2580	2300	4200	6370	11800	7600	3170	2900
10	2770	3090	3210	2450	2560	2500	4550	7360	13300	6700	3400	2790
11	2700	3030	3150	2550	2500	2700	5350	8590	14500	5630	3190	2650
12	2630	2940	3210	2700	2400	2800	6270	9290	13900	4660	3250	3210
13	2610	2940	3330	2650	2400	2700	8040	9400	11700	4250	3210	4690
14	2580	2920	3230	2610	2300	2700	9120	8900	9680	5060	3230	4780
15	2560	2860	3130	2550	2100	2700	10200	8240	8350	5000	3070	3290
16	2540	2830	3150	2400	1900	2600	10300	8040	9220	4640	3110	2630
17	2510	2830	3110	2250	1700	2600	9260	8280	9220	4840	3150	2290
18	2460	2700	3130	2050	1500	2590	8980	8350	8660	4720	3000	2150
19	2390	2670	3110	2220	1500	2610	9320	7800	7230	4410	2900	2000
20	2400	2510	3090	2350	1500	2510	9650	7260	6860	3920	2770	1940
21	2350	2470	3030	2270	1700	2390	9970	7230	6730	3710	2740	1920
22	2310	2200	3030	2200	1900	2370	11300	7330	5950	3680	2680	2000
23	2310	2060	3010	2100	2200	2460	12900	8240	4720	3800	2460	1600
24	2290	2000	2900	2050	2300	2540	13400	10000	4040	3900	2390	1490
25	2210	1940	2540	2250	2250	2590	12200	12300	4900	3620	2350	1460
26	2180	2100	2160	2400	2200	2560	10900	12800	6630	3800	2670	1480
27	2270	2270	1760	2600	2200	2510	9900	13600	10700	3950	2860	2590
28	2290	2490	1760	2600	2200	2440	9180	15600	11200	3830	2850	3270
29	2440	2540	1900	2600	2200	2420	8560	15300	10200	3730	2720	2700
30	2560	2630	2050	2600	2160	2160	7900	13400	9120	3680	2860	2310
31	2590		2180	2560		2560		11800		3750	2850	

Mean	2452	2726	2899	2194	2234	2490	7605	8979	8971	5191	2997	2573
Agree-	150800	162200	178200	134900	124100	153100	452500	552100	533800	319200	184300	153100

Year 1912  
Mean 4280  
Agree-First 3,098,300



# BLACKFOOT RIVER near BLACKFOOT, IDAHO

Daily discharge, in second-feet, of

for the year ending September 30, 19

Plate No. 28

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	70	205	240	102	100	75	173	207	101	150	2	3
2	100	214	255	102	100	75	205	209	68	69	2	3
3	103	240	270	102	100	80	295	218	41	31	4	3
4	129	293	240	102	100	80	350	233	14	16	4	3
5	147	336	200	102	100	80	417	312	5	9	4	3
6	261	346	160	102	100	85	465	309	a 4	6	4	3
7	301	331	164	102	100	85	350	309	a 3	5	5	3
8	293	295	167	102	100	90	288	304	1	5	3	3
9	294	235	170	102	100	90	264	345	1	6	3	3
10	300	222	177	102	85	95	275	342	1	5	3	2
11	305	222	183	102	85	95	282	265	3	4	4	2
12	288	227	183	102	85	95	319	233	39	5	3	2
13	265	235	196	102	85	95	366	264	35	5	36	
14	244	239	220	102	85	95	391	323	34	4	24	
15	230	250	270	102	85	95	481	326	22	4	14	
16	197	257	290	100	85	95	476	371	14	4	22	
17	189	270	297	100	75	95	473	392	22	17	44	
18	193	270	304	100	75	95	407	380	23	5	96	
19	187	270	307	100	75	95	401	374	33	6	154	
20	189	270	300	75	75	95	404	348	35	5	146	
21	190	270	280	75	75	95	398	315	49	5	180	
22	190	270	260	75	75	100	368	247	51	3	103	
23	194	168	220	80	75	100	354	207	30	3	70	
24	193	133	160	90	75	114	363	186	17	2	53	
25	189	121	140	100	65	128	327	168	10	2	28	
26	184	*121	120	100	65	127	276	125	17	3	26	
27	185	121	102	100	65	127	269	106	45	4	23	
28	189	123	102	100	65	127	243	90	186	5	17	
29	200	155	102	100	65	127	205	80	213	3	14	
30	207	220	102	100	65	126	216	76	194	2	10	
31	201	220	102	100	65	150		89		2		

\* Result of Current Meter Meast.

Year	134	135	136	137	138	139	140	141	142	143	144	145
Mean	207	231	204	97.6	84.1	99.9	337	250	43.7	12.6	6.2	36.5
Accum.	12,710	13,740	12,530	6,000	4,670	6,140	20,040	15,380	2,600	778	383	2170

Year  
or  
Period  
Mean  
Accum. Feet  
97, 141



# Snake River at Clough Ranch near Blackfoot

Daily discharge, in second-feet, of

for the year ending September 30, 1929  
Plate No. 29

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1140	2260	2900	1880	2320	2050	2580	6910	8410	4820	617	380
2	1180	2340	2900	1670	2290	2110	2870	6090	5080	2500	718	320
3	1260	2370	3190	902	2300	2160	3040	6070	5080	3760	591	285
4	1390	2480	3600	846	2330	2230	3260	5940	4000	4090	558	290
5	1490	2620	3920	838	2290	2220	3760	5830	5170	3760	400	455
6	1740	3240	3920	932	2290	2190	3960	5480	6090	3730	668	455
7	2180	3460	3620	1110	2400	2160	3870	5080	6420	3850	766	400
8	2340	3320	3030	1210	2340	2120	3960	5020	7010	3870	1030	438
9	2390	2960	3010	1560	2320	2160	4270	5340	8490	3240	1160	325
10	2400	2840	3320	2010	2300	2300	4580	6420	9960	2390	966	285
11	2370	2730	3320	2010	2180	2520	5380	7170	10400	1460	790	290
12	2330	2850	3360	2220	2160	2640	6660	7590	8880	846	878	1730
13	2290	2780	3370	2360	2180	2780	8010	7540	6870	742	577	3360
14	2200	2800	3390	2230	2130	2500	9190	7080	5320	1320	564	2610
15	2160	2790	3320	2150	1920	2550	9930	6620	4540	1200	540	1530
16	2060	2800	3260	2150	1920	2520	9570	6690	5100	1020	633	1190
17	1990	2900	3340	2050	1660	2520	9570	6690	5100	1020	661	1210
18	1920	2900	3320	1810	1410	2440	8680	7030	5340	1100	488	1230
19	1890	2850	3270	1670	1120	2460	8820	6620	4320	902	406	1130
20	1850	2850	3310	1850	1140	2460	9280	5940	3410	682	305	1100
21	1840	2700	3220	1990	1140	2420	9510	5320	3320	395	280	1050
22	1790	2600	3190	1940	1350	2400	10300	4840	3010	375	400	854
23	1740	2260	3140	1790	1610	2550	11700	4820	1860	255	411	433
24	1710	2610	3110	1750	1950	2640	12700	6160	998	422	390	240
25	1670	2520	2930	1690	2110	2620	12500	8070	710	619	416	238
26	1610	2480	2610	1850	2050	2580	11200	9220	1980	540	350	577
27	1650	2680	2180	2160	2010	2500	10200	9600	4800	668	365	1050
28	1710	2700	1750	2260	2040	2390	9370	8220	8220	682	365	1300
29	1730	2740	2300	2270	2370	2370	8520	12300	7540	647	305	894
30	2080	2820	2040	2270	2270	2390	11200	12300	11200	726	305	894
31	1990							9480		584	416	

Mean	1874	2742	3033	1783	1985	2382	7261	7061	5488	1745	571	866
Area-	115,200	163,100	186,500	109,600	110,200	146,500	432,000	434,200	326,600	107,300	35,120	51,530
Per-												

Year  
or  
Period  
Mean  
Area-Feet  
3064  
2,217,850



# AMERICAN FALLS RESERVOIR at AMERICAN FALLS, IDAHO

Contents, in acre-feet, of

for the year ending September 30, 1912.  
Plate No. 30

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	327630	571340	882930	1173430	1222660	1359450	1549050	1705600	1712900	1612350	1157050	650110
2	336650	581340	889200	1178610	1227930	1364490	1557040	1706720	1716890	1605290	1140450	634920
3	340450	592470	895080	1183320	1234650	1368020	1564530	1710080	1716320	1594960	1122940	620100
4	347020	602790	904190	1190380	1240880	1373570	1572140	1708960	1712900	1584640	1106090	606230
5	355820	613100	919150	1194620	1242800	1377600	1581380	1711760	1708960	1575940	1085350	591850
6	364360	624610	929670	1194150	1246160	1382140	1590620	1712330	1704480	1572140	1070470	576190
7	373350	637500	946810	1188500	1249520	1387690	1599850	1712330	1697200	1555440	1054620	561350
8	379600	649450	963500	1180970	1256710	1391720	1610180	1711200	1692710	1543730	1038780	545890
9	386360	661070	971010	1178140	1264500	1400800	1629410	1705040	1688230	1521900	1007990	516810
10	391130	671690	971010	1178140	1271320	1400800	1629410	1705040	1688230	1521900	1007990	516810
11	396510	683020	978110	1179550	1277160	1405850	1638810	1710080	1689910	1505450	992970	503710
12	403950	693950	986960	1183320	1283010	1412020	1649310	1715180	1699440	1477180	961410	485250
13	410100	704200	995980	1183790	1290800	1420250	1660370	1719170	1698880	1458330	945560	476950
14	413690	714100	1007140	1184260	1294210	1433110	1687670	1714610	1693270	1442360	929670	470870
15	417050	725290	1017870	1184730	1305410	1440310	1701120	1714040	1688230	1424880	913490	465170
16	423620	736880	1025590	1186150	1312340	1446480	1702240	1712330	1683750	1408940	899010	459520
17	432290	747060	1036570	1188500	1315800	1451620	1705600	1711760	1678700	1391720	884100	456010
18	442550	757760	1047140	1188500	1319270	1457280	1705040	1715750	1674220	1378110	868020	450090
19	452240	768580	1058580	1192740	1322240	1465140	1703920	1714040	1669760	1361970	848800	444970
20	461130	777960	1069590	1193210	1326200	1472470	1705040	1712330	1663680	1346000	830890	439650
21	470040	788820	1078590	1194150	1330160	1478750	1703360	1708960	1657600	1328180	816250	434400
22	479440	798090	1091660	1195090	1336100	1485030	1712900	1700560	1648200	1310360	799200	429930
23	488850	806980	1101580	1196510	1336100	1492360	1705600	1701120	1638250	1292750	779760	425200
24	498010	815880	1108800	1196980	1340060	1492360	1701680	1701680	1626090	1275700	763890	420470
25	506840	824790	1119250	1204040	1344020	1500740	1693270	1703920	1613440	1257200	747060	416530
26	515380	834700	1130310	1204040	1348470	1508070	1693270	1703920	1613440	1239920	728100	413180
27	524780	843850	1136770	1205920	1351440	1514980	1698880	1705040	1605290	1222660	713080	410360
28	533270	853370	1146450	1209710	1355410	1522430	1713470	1715750	1604750	1204040	696000	410360
29	543540	863710	1153820	1214030	1359450	1529350	1713470	1715750	1604750	1188030	681650	410360
30	552340	873510	1160280	1216900	1359450	1535740	1713470	1715750	1604750	1170140	665710	410360
31	562260			1218820								

Mean  
Acre-  
Feet

U. S. GOVERNMENT PRINTING OFFICE: 1912

Year  
or  
Period

Mean  
Acre-Feet



# Snake River at Neeley, Idaho

Daily discharge, in second-feet, of

for the year ending September 30, 19

Plate No. 31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	758	51	2290	1760	1940	2230	1620	9020	10200	9740	11700	10600
2	774	52	2370	2260	2570	2200	1620	9060	8560	10500	11800	10400
3	756	51	1200	234	1290	2390	1620	9100	8730	10900	11800	10300
4	96	51	1330	605	3830	2390	1620	9100	9060	11100	11700	10400
5	60	51	1420	3220	4350	2440	1620	9150	9400	11300	11700	10600
6	480	51	95	4780	4130	2420	1620	9190	9950	11600	11600	10600
7	1270	51	81	7520	1940	2460	1630	9190	10600	12000	11500	10600
8	2060	51	1380	7070	496	2450	1620	8980	10800	12300	11400	10600
9	2990	51	1260	4920	2030	2440	1600	8980	10400	12300	11400	10400
10	2430	51	1290	4880	2000	2500	2400	8980	10300	12300	11400	10000
11	2230	51	1270	1740	1990	2480	2430	8940	10300	12000	11400	9440
12	124	51	2110	4910	2020	2500	2310	8650	10300	11900	11600	9150
13	3510	51	120	4960	2020	2530	3520	8730	10400	11900	11500	8650
14	4390	50	68	4990	2050	2570	3540	12100	10400	12000	11500	8360
15	2460	50	1340	5000	568	1110	3690	12100	10400	11900	11300	7840
16	52	50	1380	5010	2060	2590	9910	11000	10300	11800	11200	7280
17	52	52	1300	4440	2050	2660	10600	10900	9780	11800	11000	7080
18	52	52	1110	1300	2060	2600	12300	8940	9520	11700	11200	7040
19	52	52	1140	4130	2050	1150	13300	9780	9440	11600	11700	6960
20	52	514	114	4140	2050	1440	10900	10900	9360	11400	11800	6480
21	51	524	74	4160	2070	1740	10500	9860	9230	11300	11900	6280
22	50	532	1760	4080	612	1740	11200	9860	9230	11800	11800	6280
23	50	598	1720	4160	2460	1650	13500	9650	9150	11700	11300	6010
24	51	423	2310	4120	2140	1600	20300	9190	9480	12000	11700	5820
25	51	430	125	1850	2460	1610	19100	9360	9780	12000	11500	5560
26	51	415	1700	4140	2800	1620	14500	9150	9740	12000	11400	5050
27	51	433	127	3960	2860	1650	6600	9230	9230	12000	11300	4650
28	51	652	60	3620	2890	1600	8600	9060	9060	11800	11200	4360
29	52	68	1690	4130	1610	1610	15700	8850	8850	11600	11200	3650
30	51	51	1710	4180	1610	1610	15700	15700	11600	11500	11200	3440
31	51	51	1760	4160	1640	1640	16000	16000	11600	11600	10900	

Mean	Acres	Feet
813	19090	50000
321	70820	239900
1152	123100	126200
2217	439900	629000
2052	577000	716100
7392	706300	463900
10230	11490	7796

Year or Period  
Mean  
Acres-Feet  
5748  
4161310



Lake Walcott near Mindoka, Idaho

ending the year

Plate No. 32

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18350	- 45210	- 100590	- 88320	56980	67540	90990	98800	100370	93090	94020	91140
2	18050	- 48240	- 98550	- 87140	59130	66550	91920	99520	100370	92390	94020	94370
3	17460	- 51150	- 96600	- 84810	61940	66550	91690	98800	100010	91460	94490	93790
4	16770	- 54180	- 96810	- 86960	63260	66550	93200	99230	100130	91230	93790	93320
5	15680	- 56890	- 96240	- 88740	63700	66550	93200	99230	100130	91230	93790	93320
6	14090	- 60880	- 95420	- 83160	63920	66660	94020	98800	100250	91810	94140	93090
7	12510	- 64360	- 96860	- 81560	63260	66770	94490	99230	98560	91920	94370	93670
8	6770	- 68320	- 98500	- 68180	63370	66990	94950	99520	99040	92040	94490	93790
9	4670	- 72540	- 97750	- 59650	62600	66990	95180	99520	99520	92740	94250	93550
10	6200	- 76480	- 97190	- 53520	63700	69850	95310	99520	99040	93670	94020	94020
11	7060	- 80510	- 96550	- 47880	64140	73170	95430	99760	99160	92860	94250	94020
12	7910	- 84420	- 95870	- 46310	64800	75870	95670	99040	99520	93790	94250	94490
13	3430	- 88350	- 94040	- 33220	65010	79030	97110	99760	100010	94250	94490	93790
14	6290	- 92130	- 96120	- 25100	65230	81740	97350	99400	99520	94840	94840	94490
15	10130	- 95220	- 97120	- 18380	64800	83890	99280	99280	100490	94250	94720	93900
16	9340	- 98150	- 96410	- 13210	63700	84350	98080	99400	100730	93440	94720	93090
17	5050	- 100900	- 95470	- 7190	64360	87030	96630	99280	99760	94020	94020	94020
18	570	- 99810	- 93940	- 1670	65010	89710	98080	99230	100490	94250	93900	94020
19	- 2950	- 98410	- 93350	- 8300	65890	90760	97470	99280	99800	94720	93320	94250
20	- 7640	- 97120	- 93350	- 8300	65890	90760	97470	99280	99800	94720	93320	94250
21	- 12350	- 97550	- 91480	13700	66110	90530	97960	99520	99280	94370	93320	94250
22	- 15240	- 97360	- 96170	17860	65450	89360	96870	98200	98560	93790	93790	94720
23	- 18950	- 97360	- 94510	18050	64360	88900	98320	99040	96390	93790	94020	95670
24	- 21920	- 97100	- 92920	19040	65780	88660	97590	99040	95180	93790	94020	96150
25	- 24800	- 97570	- 89820	24210	66220	89250	97840	99280	93670	93790	94020	96390
26	- 27310	- 98850	- 91150	26650	66550	89940	96990	99520	94250	93790	93790	95910
27	- 29540	- 98150	- 90000	32700	67430	90760	96030	99520	93790	93090	93790	95070
28	- 33140	- 98390	- 91290	37780	67320	91460	91110	99520	93790	93090	93790	94250
28	- 36080	- 98100	- 92970	42920	67320	91810	98440	99760	94020	93090	93790	94250
30	- 38800	- 98900	- 91430	47990	67320	92510	99280	100610	93670	93790	93550	93550
31	- 41680	- 89520	- 89520	52890	92860	92860	100730	100730	93790	93550	93550	93550

Year	on	Period	Mean	Age-R
1900	100	100	100	100
1901	100	100	100	100
1902	100	100	100	100
1903	100	100	100	100
1904	100	100	100	100
1905	100	100	100	100
1906	100	100	100	100
1907	100	100	100	100
1908	100	100	100	100
1909	100	100	100	100
1910	100	100	100	100
1911	100	100	100	100
1912	100	100	100	100
1913	100	100	100	100
1914	100	100	100	100
1915	100	100	100	100
1916	100	100	100	100
1917	100	100	100	100
1918	100	100	100	100
1919	100	100	100	100
1920	100	100	100	100
1921	100	100	100	100
1922	100	100	100	100
1923	100	100	100	100
1924	100	100	100	100
1925	100	100	100	100
1926	100	100	100	100
1927	100	100	100	100
1928	100	100	100	100
1929	100	100	100	100
1930	100	100	100	100
1931	100	100	100	100
1932	100	100	100	100
1933	100	100	100	100
1934	100	100	100	100
1935	100	100	100	100
1936	100	100	100	100
1937	100	100	100	100
1938	100	100	100	100
1939	100	100	100	100
1940	100	100	100	100
1941	100	100	100	100
1942	100	100	100	100
1943	100	100	100	100
1944	100	100	100	100
1945	100	100	100	100
1946	100	100	100	100
1947	100	100	100	100
1948	100	100	100	100
1949	100	100	100	100
1950	100	100	100	100
1951	100	100	100	100
1952	100	100	100	100
1953	100	100	100	100
1954	100	100	100	100
1955	100	100	100	100
1956	100	100	100	100
1957	100	100	100	100
1958	100	100	100	100
1959	100	100	100	100
1960	100	100	100	100
1961	100	100	100	100
1962	100	100	100	100
1963	100	100	100	100
1964	100	100	100	100
1965	100	100	100	100
1966	100	100	100	100
1967	100	100	100	100
1968	100	100	100	100
1969	100	100	100	100
1970	100	100	100	100
1971	100	100	100	100
1972	100	100	100	100
1973	100	100	100	100
1974	100	100	100	100
1975	100	100	100	100
1976				

ACHIEVE-IT

2017-2018

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION  
PUBLISHED WEEKLY  
535 N. Dearborn Ave., Chicago, Ill. 60610  
Subscription price: \$5.00 per year in advance  
Single copies: 15¢  
Second-class postage paid at Chicago, Ill.  
Postmaster: Send address changes in U.S.A. to JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 535 N. Dearborn Ave., Chicago, Ill. 60610. Outside U.S.A.: THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, P.O. Box 179, Montreal, Quebec H2Y 1B6, Canada.  
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WILLIAM  
VICTOR  
LEWIS

WILLIAM  
VICTOR  
LEWIS



Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	421	425	444	471	461	441	441	441	450	1610	1610	1210
2	421	425	444	471	461	441	441	441	450	1610	1610	1210
3	421	425	444	471	461	441	441	441	450	1610	1610	1210
4	421	425	444	471	461	441	441	441	450	1610	1610	1210
5	421	425	444	471	461	441	441	441	450	1610	1610	1210
6	421	425	444	471	461	441	441	441	450	1610	1610	1210
7	421	425	444	471	461	441	441	441	450	1610	1610	1210
8	421	425	444	471	461	441	441	441	450	1610	1610	1210
9	421	425	444	471	461	441	441	441	450	1610	1610	1210
10	421	425	444	471	461	441	441	441	450	1610	1610	1210
11	421	425	444	471	461	441	441	441	450	1610	1610	1210
12	421	425	444	471	461	441	441	441	450	1610	1610	1210
13	421	425	444	471	461	441	441	441	450	1610	1610	1210
14	421	425	444	471	461	441	441	441	450	1610	1610	1210
15	421	425	444	471	461	441	441	441	450	1610	1610	1210
16	421	425	444	471	461	441	441	441	450	1610	1610	1210
17	421	425	444	471	461	441	441	441	450	1610	1610	1210
18	421	425	444	471	461	441	441	441	450	1610	1610	1210
19	421	425	444	471	461	441	441	441	450	1610	1610	1210
20	421	425	444	471	461	441	441	441	450	1610	1610	1210
21	421	425	444	471	461	441	441	441	450	1610	1610	1210
22	421	425	444	471	461	441	441	441	450	1610	1610	1210
23	421	425	444	471	461	441	441	441	450	1610	1610	1210
24	421	425	444	471	461	441	441	441	450	1610	1610	1210
25	421	425	444	471	461	441	441	441	450	1610	1610	1210
26	421	425	444	471	461	441	441	441	450	1610	1610	1210
27	421	425	444	471	461	441	441	441	450	1610	1610	1210
28	421	425	444	471	461	441	441	441	450	1610	1610	1210
29	421	425	444	471	461	441	441	441	450	1610	1610	1210
30	421	425	444	471	461	441	441	441	450	1610	1610	1210
31	421	425	444	471	461	441	441	441	450	1610	1610	1210

MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
921	1530	1664	1491	1049	88,720	64,500	11,470	0	0	0	0	0
21,160	0	0	0	0	0	0	0	0	0	0	0	0

Year  
 ON  
 PERIOD  
 MEAN  
 604  
 437,010  
 ACRE-FOOT

U. S. GOVERNMENT PRINTING OFFICE  
 6-1149



Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	293	290	319	361	353	320	288	319	741	1030	1280	1130
2	290	290	319	361	353	320	288	319	886	1210	1280	1140
3	319	319	361	361	353	320	288	319	1030	1290	1230	1160
4	361	361	361	361	353	320	288	319	1160	1280	1240	1150
5	353	353	353	353	353	320	288	319	1220	1260	1240	1150
6	320	320	320	320	320	320	342	288	1220	1310	1240	1140
7	306	306	306	306	306	306	405	342	1320	1310	1260	1150
8	283	283	283	283	283	283	407	405	1340	1310	1270	1140
9	328	328	328	328	328	328	480	407	1320	1310	1260	1100
10	387	409	409	409	409	409	574	480	1320	1310	1250	1020
11	409	399	399	399	399	399	419	574	1320	1300	1240	964
12	399	340	340	340	340	340	273	419	1320	1300	1240	863
13	340	403	403	403	403	403	239	273	1280	1300	1240	755
14	403	474	474	474	474	474	281	239	1260	1300	1240	771
15	474	240	240	240	240	240	117	281	1270	1300	1240	755
16	240	0	0	0	0	0	0	117	1240	1300	1240	720
17	0	0	0	0	0	0	0	0	1200	1290	1260	699
18	0	0	0	0	0	0	0	0	1160	1290	1270	610
19	0	0	0	0	0	0	0	0	1140	1290	1250	564
20	0	0	0	0	0	0	0	130	1090	1280	1240	535
21	0	0	0	0	0	0	0	315	1070	1290	1260	498
22	0	0	0	0	0	0	0	326	1060	1290	1260	450
23	0	0	0	0	0	0	0	430	1060	1290	1230	414
24	0	0	0	0	0	0	0	445	1060	1290	1230	463
25	0	0	0	0	0	0	179	492	1100	1300	1240	508
26	0	0	0	0	0	0	315	517	1080	1290	1230	478
27	0	0	0	0	0	0	310	598	916	1270	1210	430
28	0	0	0	0	0	0	306	694	782	1280	1210	426
29	0	0	0	0	0	0	313	738	707	1290	1180	492
30	0	0	0	0	0	0	315	741	787	1290	1180	540
31	0	0	0	0	0	0	0	744	1280	1150	1150	540

MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
178	10,920	0	0	0	0	0	0	371	1113	1282	1238	774
10,920	0	0	0	0	0	0	0	22,780	66,250	78,800	76,150	46,050

YEAR OR PERIOD  
 MEAN  
 120  
 304,400  
 ACRE-Feet



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

for the year ending September 30, 1912  
Plate No. 35

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1540	2070	1480	1260	1240	2740	1670	7390	9150	7170	8670	7960
2	1050	2100	1600	1320	708	2360	1620	7550	6400	7610	8690	7740
3	754	2100	1870	1510	500	2340	1390	8230	6370	7830	8720	7800
4	768	2140	1790	1510	2580	2360	1280	8550	6690	7980	8750	7850
5	775	2300	1490	2160	4080	2390	1230	8390	6900	8040	8830	7900
6	768	2520	1370	3030	3970	2440	1260	7740	7230	8170	8690	7960
7	1160	2520	1360	2670	2620	2440	1240	7500	7520	8390	8550	7960
8	1490	2500	1340	1680	1530	2460	1370	7150	7770	8720	8440	7880
9	1470	2460	1330	1210	1380	1870	1670	7090	7360	8670	8360	7930
10	1400	2410	1340	1180	1540	1110	1860	7150	7200	8610	8310	7740
11	1380	2380	1350	1250	1690	1130	1980	7090	7170	8720	8340	7440
12	1390	2330	1360	1250	1810	1130	2000	7040	7200	8530	8440	7170
13	1420	2280	1380	1230	1870	1150	2100	7360	7260	8530	8310	7070
14	1390	2240	1380	1230	1940	1120	2340	9940	7230	8640	8200	6720
15	1380	2180	1330	1400	1850	1140	2460	10900	7340	8690	8120	6480
16	1470	2100	1260	1350	1560	1130	9090	10200	7500	8690	8150	6140
17	1690	1840	1210	1250	1870	1140	8970	10400	7040	8640	8170	6010
18	1840	1400	1230	1140	2130	1180	11000	8770	6660	8530	8280	5880
19	1870	1360	1220	1180	2090	1400	13200	8190	6530	8500	8530	5840
20	1720	1360	1230	1360	2130	1610	11500	9820	6660	8420	8720	5490
21	1850	1080	1230	2060	2090	1840	10100	9610	6720	8340	8750	5080
22	1800	1020	1200	1720	1940	2060	10500	8340	7010	8310	8720	4920
23	2020	1020	1210	1260	1600	1530	12800	7710	7150	8470	8750	4670
24	1890	1040	1200	1150	1910	1230	18100	7500	7010	8690	8780	4510
25	1760	1110	1200	1110	2140	1220	19000	7260	6980	8780	8720	4620
26	1620	1110	1150	1030	2360	1210	15700	7150	7090	8750	8530	4400
27	1790	1050	1150	1030	2570	1210	9490	7280	7120	8750	8530	3860
28	2030	1000	1150	1120	2680	1230	6690	8820	7120	8610	8440	3740
29	2000	1000	1150	1330	---	1230	9750	13300	7120	8550	8470	2790
30	1990	1170	1150	1460	---	1360	13300	13700	6800	8550	8390	2250
31	2060	1150	1150	1400	---	1500	12700	12700	12700	8610	8200	---

MEAN	1533	1773	1318	1446	2014	1621	6822	8704	7104	8437	8502	6127
ACRE-Feet	94280	105500	81040	88940	111800	99690	405900	535200	422700	518300	522700	55400
MEAN	YEAR	MEAN	YEAR	MEAN	YEAR	MEAN	YEAR	MEAN	YEAR	MEAN	YEAR	MEAN

3350150  
629



LAKE MILNER at MILNER, IDAHO

Base height in feet  
xxxxxxxxxxxxxx of

For the year ending September 30, 19  
Plate No. 32

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10.40	9.96	6.56	6.98	7.78	7.39	7.62	10.80	10.84	10.68	10.74	10.96
2	10.35	9.87	6.73	7.02	7.88	7.34	8.42	10.88	11.00	10.66	10.78	10.86
3	10.14	9.74	6.90	7.11	7.62	7.22	8.92	10.90	10.74	10.68	10.79	10.72
4	9.98	9.43	7.44	7.30	7.10	7.44	9.08	10.76	10.47	10.80	10.86	10.65
5	9.90	9.38	7.64	7.40	7.22	7.42	9.26	10.97	10.43	10.80	10.84	10.64
6	9.81	9.24	7.54	7.35	7.32	7.33	9.26	10.91	10.50	10.84	10.97	10.64
7	9.88	8.92	7.52	7.36	7.40	7.45	9.22	10.94	10.49	10.80	10.98	10.76
8	9.78	8.46	7.56	7.38	7.22	7.58	9.24	11.00	10.84	10.87	10.94	10.82
9	9.78	8.35	7.50	7.36	7.19	7.49	9.52	10.96	11.08	10.98	10.92	10.74
10	9.70	8.76	7.49	7.34	7.32	7.36	9.82	10.94	11.08	10.99	10.91	10.91
11	9.67	9.34	7.54	7.27	7.34	7.52	10.00	11.18	11.00	10.89	10.87	10.92
12	9.54	9.80	7.59	7.26	7.44	7.42	10.10	10.98	11.00	10.90	10.81	10.82
13	9.26	10.22	7.64	7.22	7.33	7.54	10.15	10.90	11.03	10.85	10.86	10.98
14	9.26	10.52	7.68	7.14	7.38	7.49	10.10	10.98	11.00	10.80	10.84	10.93
15	9.16	10.58	7.71	7.10	7.48	7.58	10.22	10.94	10.80	10.86	10.80	10.89
16	8.96	10.70	7.74	7.34	7.41	7.48	10.40	10.94	11.08	10.86	10.74	10.71
17	8.90	10.66	7.77	7.68	7.14	7.53	10.84	10.91	11.18	10.82	10.76	10.36
18	9.00	10.34	7.62	7.70	7.36	7.37	10.84	10.91	10.98	10.85	10.74	10.56
19	9.14	10.28	7.66	7.39	7.48	7.54	10.87	10.89	10.78	10.86	10.76	10.68
20	9.23	9.97	7.62	7.08	7.64	7.52	10.84	10.94	10.63	10.91	10.72	10.80
21	9.38	9.73	7.26	6.86	7.64	7.64	10.82	10.96	10.56	10.91	10.68	10.74
22	9.64	9.58	7.48	7.15	7.42	7.58	10.69	11.00	10.61	10.76	10.79	10.68
23	9.83	9.44	7.50	7.63	7.36	7.66	10.85	11.03	10.75	10.66	10.82	10.65
24	9.92	9.05	7.22	7.72	7.39	7.12	10.82	10.96	10.87	10.64	10.86	10.54
25	9.94	8.54	7.28	7.60	7.38	7.32	10.80	10.90	10.83	10.72	10.94	10.56
26	9.84	8.20	7.16	7.50	7.36	7.42	10.83	10.68	10.87	10.73	10.94	10.76
27	9.78	7.80	7.08	7.43	7.46	7.52	10.81	10.58	10.86	10.83	10.80	10.72
28	9.81	7.35	7.12	7.34	7.46	7.57	10.92	10.72	10.92	10.83	10.80	10.62
29	9.92	6.92	7.14	7.26	7.34	7.58	10.92	10.81	11.05	10.83	10.69	10.47
30	10.00	6.61	7.13	7.38	7.38	7.63	10.98	10.86	10.86	10.83	10.80	10.32
31	9.98		7.16	7.60	7.60	7.68		10.84		10.74	10.90	

MEAN  
OR  
THIRD  
AUGUST



# P. A. LATERAL near MILLER, IDAHO

for the year ending September 30, 1912  
 Plate No. 37

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	4	6	6	6	6
2	0	0	0	0	0	0	0	4	6	6	6	6
3	0	0	0	0	0	0	0	7	6	6	6	6
4	0	0	0	0	0	0	0	7	6	6	6	6
5	0	0	0	0	0	0	0	7	6	6	6	6
6	0	0	0	0	0	0	0	7	6	6	6	6
7	0	0	0	0	0	0	0	7	6	6	6	6
8	0	0	0	0	0	0	0	7	6	6	6	6
9	3	0	0	0	0	0	0	7	6	6	6	6
10	15	0	0	0	0	0	0	7	6	6	6	6
11	12	0	0	0	0	0	0	7	6	6	6	6
12	1	0	0	0	0	0	0	7	6	6	6	6
13	0	0	0	0	0	0	0	7	6	6	6	6
14	0	0	0	0	0	0	0	7	6	6	6	6
15	0	0	0	0	0	0	0	7	6	6	6	6
16	0	0	0	0	0	0	0	7	6	6	6	6
17	0	0	0	0	0	0	0	7	6	6	6	6
18	0	0	0	0	0	0	0	7	6	6	6	6
19	0	0	0	0	0	0	0	7	6	6	6	6
20	0	0	0	0	0	0	0	7	6	6	6	6
21	0	0	0	0	0	0	0	7	6	6	6	6
22	0	0	0	0	0	0	0	7	6	6	6	6
23	0	0	0	0	0	0	0	7	6	6	6	6
24	0	0	0	0	0	0	0	7	6	6	6	6
25	0	0	0	0	0	0	0	7	6	6	6	6
26	0	0	0	0	0	0	0	7	6	6	6	6
27	0	0	0	0	0	0	0	7	6	6	6	6
28	0	0	0	0	0	0	0	7	6	6	6	6
29	0	0	0	0	0	0	0	7	6	6	6	6
30	0	0	0	0	0	0	0	7	6	6	6	6
31	0	0	0	0	0	0	0	7	6	6	6	6

Year	Mean	Year	Mean	Year	Mean	Year	Mean	Year	Mean	Year	Mean	Year	Mean
1912	53.9	1911	62.2	1910	61.7	1909	62.0	1908	58.2	1907	36.90	1906	37.90
1905	32.00	1904	38.20	1903	2.37	1902	14.1	1901	14.1	1900	14.1	1899	14.1

MEAN  
 25.3  
 18,281  
 ACRE-Feet  
 YEAR  
 OR  
 PERIOD



# MILNER LOW LIFT CANAL near MILNER, IDAHO

Daily discharge, in second-feet, of

for the year ending September 30, 1912

Plate No. 38

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	0	0	0	0	0	0	128	121	148	168	165
2	0	0	0	0	0	0	0	126	122	151	169	165
3	0	0	0	0	0	0	0	124	121	163	169	165
4	0	0	0	0	0	0	0	143	121	163	169	165
5	0	0	0	0	0	0	0	150	120	161	169	165
6	0	0	0	0	0	0	0	150	120	165	169	163
7	0	0	0	0	0	0	0	150	124	165	169	165
8	0	0	0	0	0	0	0	150	133	165	168	165
9	0	0	0	0	0	0	0	150	145	160	168	165
10	0	0	0	0	0	0	0	150	145	160	167	165
11	0	0	0	0	0	0	0	150	145	160	167	165
12	0	0	0	0	0	0	0	57	145	163	167	158
13	0	0	0	0	0	0	0	0	145	163	169	150
14	0	0	0	0	0	0	0	20	145	163	168	150
15	0	0	0	0	0	0	0	87	145	163	166	150
16	0	0	0	0	0	0	0	104	146	164	166	150
17	0	0	0	0	0	0	0	90	146	166	165	150
18	0	0	0	0	0	0	0	100	145	167	165	132
19	0	0	0	0	0	0	0	107	167	167	165	125
20	0	0	0	0	0	0	0	108	167	167	165	126
21	0	0	0	0	0	0	20	116	158	167	165	116
22	0	0	0	0	0	0	20	124	146	167	164	110
23	0	0	0	0	0	0	37	124	146	167	163	116
24	0	0	0	0	0	0	50	124	146	167	163	87
25	0	0	0	0	0	0	50	136	146	167	163	76
26	0	0	0	0	0	0	50	151	146	157	164	76
27	0	0	0	0	0	0	77	152	140	167	165	75
28	0	0	0	0	0	0	100	151	127	167	165	75
29	0	0	0	0	0	0	112	135	127	167	165	75
30	0	0	0	0	0	0	124	123	137	167	165	70
31	0	0	0	0	0	0	124	123	137	167	165	70

MEAN	0.16	0	0	0	0	0	0	0	0	0	0	0
ACRE- FEET	10	0	0	0	0	0	0	0	0	0	0	0
MEAN	133	166	164	139	119	20.7	1230	7340	8270	10,050	10,230	7890

MEAN 62.2  
ACRE-  
FEET 45,020  
YEAR  
OR  
PERIOD



# GOODING PROJECT IN GOODING CANAL near MILNER, IDAHO

for the year ending September 30, 1912  
 Plot No. 39

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	1050	1340	1300	1610	1430
2	0	0	0	0	0	0	0	1050	1330	1310	1600	1400
3	0	0	0	0	0	0	0	1050	1330	1410	1590	1400
4	0	0	0	0	0	0	0	1050	1330	1490	1580	1400
5	0	0	0	0	0	0	0	1050	1340	1490	1580	1400
6	0	0	0	0	0	0	0	1050	1340	1490	1570	1400
7	0	0	0	0	0	0	0	1140	1350	1520	1490	1400
8	0	0	0	0	0	0	0	1260	1350	1590	1430	1400
9	0	0	0	0	0	0	0	1260	1300	1590	1430	1400
10	0	0	0	0	0	0	0	1270	1230	1590	1430	1410
11	0	0	0	0	0	0	0	1270	1240	1590	1420	1290
12	0	0	0	0	0	0	0	1270	1240	1610	1400	1200
13	350	0	0	0	0	0	0	1270	1240	1610	1400	1190
14	350	0	0	0	0	0	0	1270	1270	1610	1390	1150
15	550	0	0	0	0	0	0	1270	1320	1610	1390	1120
16	520	0	0	0	0	0	0	1270	1320	1600	1400	1120
17	590	0	0	0	0	0	0	1270	1310	1600	1390	1080
18	650	0	0	0	0	0	0	1270	1310	1600	1390	1070
19	640	0	0	0	0	0	0	1270	1310	1600	1390	1020
20	190	0	0	0	0	0	0	1270	1310	1600	1400	990
21	0	0	0	0	0	0	0	1270	1310	1600	1430	990
22	0	0	0	0	0	0	0	1270	1320	1600	1450	990
23	0	0	0	0	0	0	0	1310	1320	1600	1450	970
24	0	0	0	0	0	0	0	1420	1320	1600	1450	950
25	0	0	0	0	0	0	0	1410	1320	1610	1450	950
26	0	0	0	0	0	0	0	1410	1320	1630	1440	940
27	0	0	0	0	0	0	0	1410	1310	1630	1440	940
28	0	0	0	0	0	0	0	1380	1310	1630	1430	910
29	0	0	0	0	0	0	0	1340	1310	1620	1440	850
30	0	0	0	0	0	0	0	1340	1310	1620	1440	850
31	0	0	0	0	0	0	0	1340	1310	1620	1430	850

Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agre-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	1130	1461	1556	1309	1252	77,000	77,870	95,700	89,850	67,240	1130	1461	1556	1309	1252	77,000	77,870	95,700	89,850	67,240

MEAN 600



GOODING CANAL BELOW NORTH SIDE DIVISION near MILLER, IDAHO

for the year ending September 30, 1912

Plate No. 40

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	1028	1306	1275	1585	1406
2	0	0	0	0	0	0	0	1030	1313	1281	1585	1394
3	0	0	0	0	0	0	0	1033	1302	1281	1578	1377
4	0	0	0	0	0	0	0	1028	1299	1384	1568	1377
5	0	0	0	0	0	0	0	1033	1308	1466	1555	1377
6	0	0	0	0	0	0	0	1028	1318	1468	1555	1377
7	0	0	0	0	0	0	0	1116	1313	1468	1548	1384
8	0	0	0	0	0	0	0	1242	1324	1495	1461	1382
9	0	0	0	0	0	0	0	1242	1322	1568	1406	1380
10	0	0	0	0	0	0	0	1242	1268	1568	1404	1384
11	0	0	0	0	0	0	0	1246	1202	1505	1404	1389
12	0	0	0	0	0	0	0	1248	1209	1572	1399	1270
13	0	0	0	0	0	0	0	1244	1211	1585	1380	1182
14	315	0	0	0	0	0	0	1248	1211	1588	1370	1165
15	531	0	0	0	0	0	0	1246	1246	1545	1370	1140
16	502	0	0	0	0	0	0	1246	1295	1588	1368	1099
17	574	0	0	0	0	0	0	1244	1290	1578	1373	1096
18	633	0	0	0	0	0	0	1244	1281	1575	1370	1092
19	631	0	0	0	0	0	0	1244	1281	1580	1370	1057
20	622	0	0	0	0	0	0	1246	1281	1580	1370	1052
21	179	0	0	0	0	0	0	1246	1281	1575	1375	1004
22	0	0	0	0	0	0	0	1246	1290	1568	1406	975
23	0	0	0	0	0	0	0	1286	1295	1570	1425	975
24	0	0	0	0	0	0	0	1392	1297	1575	1428	972
25	0	0	0	0	0	0	0	1380	1288	1582	1425	954
26	0	0	0	0	0	0	0	1382	1290	1588	1425	955
27	0	0	0	0	0	0	0	1380	1288	1600	1418	953
28	0	0	0	0	0	0	0	1357	1286	1605	1418	926
29	0	0	0	0	0	0	0	1313	1283	1595	1413	906
30	0	0	0	0	0	0	0	1313	1277	1595	1416	0
31	0	0	0	0	0	0	0	1311	1277	1592	1411	0

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
ACRE- FEET	133	7910	0	0	0	0	0	0	0	0	0	0
MEAN	1112	1438	1532	1282	1229	304	18,100	75,540	76,270	94,200	88,420	66,170

YEAR  
OR  
PERIOD  
MEAN  
ACRE-  
FEET  
426,610



# NORTH SIDE CANAL PROJECT IN GOODING CANAL near MILLER, IDAHO

\* For the year ending September 30, 1910  
 Plate No. 41

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	570	0	0	0	0	0	0	820	870	880	970	920
2	0	0	0	0	0	0	0	830	870	880	970	920
3	0	0	0	0	0	0	0	830	850	890	960	910
4	0	0	0	0	0	0	0	850	850	880	960	910
5	0	0	0	0	0	0	0	850	850	890	950	910
6	170	0	0	0	0	0	90	840	860	890	950	920
7	710	0	0	0	0	0	128	860	870	900	940	910
8	710	0	0	0	0	0	55	870	880	910	940	900
9	700	0	0	0	0	0	354	880	880	910	930	900
10	680	0	0	0	0	0	603	880	890	900	920	900
11	680	0	0	0	0	0	667	880	890	900	910	900
12	680	0	0	0	0	0	780	880	890	910	910	900
13	690	0	0	0	0	0	820	880	890	910	910	910
14	690	0	0	0	0	0	820	880	890	910	910	910
15	690	0	0	0	0	0	820	880	890	910	910	910
16	690	0	0	0	0	0	830	880	890	910	910	910
17	690	0	0	0	0	0	810	880	890	910	910	910
18	680	0	0	0	0	0	810	880	890	910	910	910
19	670	0	0	0	0	0	810	880	890	910	910	910
20	680	0	0	0	0	0	810	880	890	910	910	910
21	680	0	0	0	0	0	810	880	890	910	910	910
22	670	0	0	0	0	0	790	880	890	910	910	910
23	670	0	0	0	0	0	800	880	890	910	910	910
24	680	0	0	0	0	0	800	880	890	910	910	910
25	680	0	0	0	0	0	800	880	890	910	910	910
26	680	0	0	0	0	0	800	880	890	910	910	910
27	680	0	0	0	0	0	810	870	880	910	910	910
28	660	0	0	0	0	0	800	870	880	920	900	900
29	650	0	0	0	0	0	820	870	880	940	900	870
30	290	0	0	0	0	0	820	870	880	950	910	870
31		0	0	0	0	0	820	870	880	960	910	520

Mean	512	0	0	0	0	0	51.9	865	876	905	922	883
Acres	33,340	0	0	0	0	0	32,660	53,160	52,110	55,680	56,690	52,540

Year  
 or  
 Period  
 Mean  
 464  
 Acre-Feet  
 336,180



# NORTH SIDE TWIN FALLS CANAL at MILLER, IDAHO

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	550	550	543	481	430	427	559	1680	2170	2260	2610	2590
2	550	550	534	484	424	424	547	1700	2180	2350	2620	2520
3	550	543	537	497	430	430	537	1740	2210	2390	2630	2520
4	0	0	547	487	424	445	537	1770	2200	2410	2650	2520
5	0	0	537	472	424	448	528	1750	2190	2440	2680	2500
6	0	547	543	469	424	454	422	1760	2180	2510	2650	2470
7	0	543	534	472	418	457	17	1880	2180	2590	2650	2450
8	0	582	528	472	415	466	3	1900	2230	2630	2660	2430
9	0	614	525	466	421	484	0	1900	2230	2630	2620	2380
10	0	611	525	460	424	500	0	1930	2280	2630	2610	2340
11	0	608	518	460	427	512	0	1910	2330	2640	2600	2270
12	0	601	522	457	433	518	0	1900	2350	2620	2640	2220
13	0	604	512	466	457	506	21	1920	2360	2620	2610	2170
14	0	601	506	481	472	506	112	1920	2340	2610	2580	2090
15	0	601	503	481	472	500	218	1920	2370	2600	2550	1930
16	0	582	506	472	457	503	437	1960	2200	2590	2540	1830
17	0	566	503	466	466	497	540	1990	2200	2580	2540	1700
18	0	566	503	454	475	497	591	2040	2200	2580	2550	1630
19	0	569	503	439	475	500	752	2100	2200	2580	2590	1580
20	0	579	500	460	478	518	864	2130	2210	2560	2600	1530
21	0	566	506	460	472	521	986	2140	2210	2560	2610	1490
22	0	559	503	515	475	540	1140	2170	2210	2590	2610	1290
23	0	547	500	515	454	518	1250	2200	2240	2640	2600	900
24	0	537	494	454	442	528	1240	2180	2240	2690	2610	760
25	0	543	487	454	421	559	1240	2220	2250	2650	2620	500
26	0	540	484	418	448	572	1370	2220	2220	2610	2650	343
27	0	540	484	418	448	559	1570	2220	2210	2610	2620	397
28	0	543	484	442	445	559	1630	2220	2210	2610	2620	289
29	0	543	484	445	436	550	1710	2200	2230	2600	2610	
30	376	540	484	445	436	547		2170	2230	2590	2610	
31	547	540	484	436	436	553		2170	2230	2590	2610	

Plate No. 42

For the year ending September 30, 1912

MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
29.7	566	513	468	445	501	646	1977	2233	2559	2611	1772	105,400
1830	33,700	31,510	28,750	24,710	30,810	38,430	121,600	132,900	157,300	160,600	105,400	

YEAR  
OR  
FISCAL  
PERIOD  
1198  
MEAN  
ACRE-FOOT  
867,540



NAVY	847	608	559	522	529	1383	2852	2970	3447	3519	2504	
ARMY	52,050	38,430	37,380	34,340	28,960	32,530	82,290	175,300	176,700	212,000	216,400	149,000



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

1	356	1500	1404	395	476	2280	459	1640	3470	11	325
2	356	1400	1404	420	498	2140	473	936	99	8	322
3	353	1380	1407	459	456	1500	452	1890	43	8	319
4	350	1320	548	512	729	1710	449	1670	27	8	319
5	353	1580	784	697	2600	1790	449	2730	10	8	319
6	350	2320	671	1790	3560	1580	449	1860	11	10	325
7	350	2530	527	2140	3240	1690	449	886	11	10	328
8	350	2210	527	1490	1580	1990	456	374	13	10	328
9	353	1330	439	614	606	1790	456	55	16	12	328
10	353	692	404	398	638	506	456	27	16	13	328
11	353	498	414	401	850	395	456	303	16	13	328
12	353	498	414	433	1270	356	452	507	15	12	328
13	353	494	417	459	1060	350	452	1020	15	11	336
14	353	494	417	462	1030	345	452	1980	15	11	333
15	392	449	417	442	1150	350	645	5160	15	10	330
16	494	395	414	420	798	348	4530	3140	16	10	325
17	494	395	417	429	626	348	6750	4140	159	10	316
18	501	395	417	433	775	345	7670	3300	47	31	319
19	501	398	417	436	931	495	10600	923	15	322	325
20	501	401	414	426	1060	727	8410	2870	12	330	333
21	498	407	407	420	1670	931	5790	2520	10	330	330
22	501	407	410	429	1370	1230	4750	1590	10	330	353
23	576	634	410	446	816	1270	7140	494	9	330	377
24	798	870	410	452	985	567	12500	359	10	330	377
25	793	865	410	423	1410	356	13300	229	11	328	377
26	788	825	407	404	1550	365	12400	34	11	328	377
27	1020	788	407	404	1850	365	6250	34	11	328	380
28	1420	735	426	417	2140	353	651	625	12	328	374
29	1620	529	456	429	---	350	1760	5540	13	330	368
30	1790	401	423	456	---	389	7320	6990	12	328	368
31	1920	1920	1920	1920	1920	1920	1920	1920	12	325	368

Mean	630	905	446	581	1276	892	3911	1966	138	10.9	175	340
Acres	38760	53830	27140	35710	70860	54870	232700	120900	8230	670	8920	20220
Year	930	930	930	930	930	930	930	930	930	930	930	930

Year  
or  
Period  
Nisan  
Acres  
673110



Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	464.8	421.7			464.8	474.80				654.04	611.51	441.8
2											442.0	
3											438.11	
4											435.82	
5				450.72				534.18		662.54	587.58	434.10
6								587.00		663.76	586.39	434.67
7										663.76	585.20	433.53
8										664.97	582.81	432.38
9	396.51									666.19	569.69	432.38
10										666.19	572.08	431.26
11										666.80	567.30	430.14
12										667.40	560.15	429.02
13										667.40	554.18	430.14
14	409.40									668.01	548.22	431.26
15										668.01	541.20	431.26
16										668.62	535.35	432.38
17										668.62	529.49	433.53
18										667.40	524.81	433.53
19										666.80	517.79	432.38
20								557.76		666.19	511.94	431.26
21										665.58	506.09	431.82
22										664.97	500.25	432.38
23										663.76	495.55	432.38
24										658.90	484.12	435.82
25										652.82	483.97	435.82
26										650.39	482.82	435.82
27										647.96	471.04	436.97
28										634.59	472.50	436.97
29										630.95	467.92	437.54
30										629.73	465.35	438.11
31	404.40									622.44	453.02	

\* Interpolated

Year  
or  
Period  
Mean  
Age-Depth



# HENRY'S FORK near LAKE, IDAHO

for the year ending September 30, 1912  
 Plate No. 46

Do not discharge water into this stream

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1										a 12	270	a 277
2										a 12	272	274
3										a 12	270	a 75
4										a 12	269	a 68
5										a 12	267	60
6										21	265	60
7										a 21	263	61
8										a 21	263	61
9										a 21	261	62
10										a 21	260	62
11										a 22	269	61
12										a 22	294	57
13										a 22	292	30
14	a 4	a 4	a 5	a 5	a 6	a 7	a 11	a 10	a 11	a 22	292	9
15	a 4	a 4	a 5	a 5	a 6	a 7	a 11	a 10	a 11	a 22	292	9
16										101	292	9
17										73	294	9
18										70	292	a 10
19										69	292	a 10
20										70	294	a 10
21										154	292	a 10
22										278	288	a 6
23										278	290	a 10
24										278	287	a 3
25										278	285	a 3
26										276	283	a 3
27										272	281	a 3
28										272	287	a 3
29										272	284	a 3
30										272	281	a 3
31										272	281	a 3

est. 4	est. 4	est. 5	est. 5	est. 6	est. 7	est. 11	est. 10	est. 11	6140	280	2760
216	238	307	307	333	430	655	615	655	17,240	46.5	

MEAN  
 YEAR  
 1912  
 29.926



[illegible]



# HENRY'S FOLK near ISLAND PARK

Daily discharge, in second-feet, of

For the year ending September 30, 1908

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	412	398	5	7	8	131	11	750	1070	579	1690	965
2	408	398	5	7	8	131	11	775	1010	574	1690	965
3	408	403	5	7	8	131	11	755	981	560	1690	960
4	412	412	5	7	8	63	11	760	981	560	1690	954
5	412	412	5	7	8	11	11	740	1020	564	1680	949
6	412	426	5	7	8	10	11	705	1030	574	1680	954
7	416	426	6	7	8	10	11	690	1040	569	1680	949
8	416	426	6	7	68	10	11	715	1100	560	1590	944
9	416	412	6	7	131	10	11	780	1160	550	1520	939
10	412	398	6	7	131	10	215	846	1160	536	1520	939
11	412	403	6	7	131	10	349	897	1060	622	1400	944
12	412	398	6	7	131	11	349	944	992	651	1320	675
13	412	394	6	7	131	11	354	902	944	882	1320	448
14	408	394	6	7	131	11	403	871	902	1050	1020	476
15	398	136	6	7	131	11	204	861	892	1040	1060	508
16	398	4	6	7	131	11	91	866	913	1050	1080	499
17	390	4	6	7	131	11	150	882	856	1060	1080	499
18	380	4	6	7	131	11	235	856	835	1060	1080	499
19	376	4	6	7	131	11	322	820	785	1060	1130	490
20	362	4	6	7	131	11	430	795	740	1050	1180	471
21	358	4	6	7	131	11	564	785	705	1050	1140	453
22	354	4	6	7	131	11	785	800	661	1150	1040	439
23	344	5	6	7	131	11	944	861	646	1260	1040	439
24	340	5	6	7	131	11	954	934	627	1400	1040	439
25	349	5	6	7	131	11	960	1080	627	1400	1020	439
26	372	5	6	7	131	11	960	1090	607	1440	965	416
27	380	5	6	7	131	11	902	1160	603	1540	965	398
28	380	5	6	7	131	11	866	1160	622	1540	965	412
29	394	5	7	8	8	11	820	1200	632	1590	965	421
30	403	5	7	8	8	11	1190	1190	607	1690	965	421
31	398						1170					

Mean	Agave	Ref.
392	27,080	21
196	11,680	22
5.9	363	23
7.4	154	24
98.0	5,440	25
28.0	1,720	26
391	23,270	27
891	54,760	28
860	51,190	29
932	61,290	30
1264	77,630	31
643	38,290	32

YEAR  
ON  
TERRITORY  
MINAN  
484  
350,227  
AGREEMENT



# HENRYS FORK at WARM RIVER, IDAHO

Daily discharge, in second-feet, of

\* for the year ending September 30, 1900

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	815	778	a 390	a 270	374	512	a 362	1240	1590	1040	2030	1280
2	809	784	a 400	a 290	378	516	a 362	1260	1530	1000	2030	1280
3	803	778	a 500	a 360	386	516	a 362	1250	1480	984	2030	1290
4	834	809	a 480	a 350	386	507	362	1270	1470	984	2030	1290
5	860	790	a 440	a 360	388	498	382	1260	1480	963	2020	1290
6	834	790	a 400	a 400	382	378	370	1200	1500	970	2010	1300
7	821	790	403	a 420	382	331	374	1180	1500	963	2010	1300
8	821	784	415	a 450	370	394	382	1220	1550	943	1990	1300
9	821	784	399	a 420	370	370	399	1310	1570	936	1970	1290
10	815	778	394	a 440	462	370	450	1410	1600	922	1860	1280
11	815	761	411	411	428	378	797	1460	1570	916	1810	1290
12	809	778	407	411	498	390	809	1480	1480	1010	1670	1300
13	803	766	394	394	471	394	847	1460	1430	1060	1640	876
14	797	755	390	382	476	366	906	1390	1390	1380	1520	830
15	790	755	403	374	494	350	969	1430	1380	1410	1360	869
16	784	445	407	374	489	374	618	1470	1410	1390	1380	869
17	784	a 420	382	390	330	358	749	1450	1360	1410	1390	856
18	778	a 420	350	386	350	366	913	1430	1310	1440	1380	856
19	772	a 390	390	374	a 430	350	1060	1380	1290	1430	1380	856
20	778	a 300	407	354	a 550	346	1190	1340	1230	1430	1470	830
21	755	a 320	390	354	a 570	366	1360	1360	1170	1420	1470	830
22	755	a 330	350	362	514	366	1500	1380	1130	1440	1380	810
23	749	338	350	378	507	374	1550	1460	1120	1580	1350	804
24	732	366	386	386	530	366	1500	1520	1100	1700	1350	810
25	732	342	362	386	512	358	1480	1570	1080	1740	1360	810
26	749	335	286	378	525	346	1480	1650	1090	1760	1300	804
27	761	338	316	378	498	370	1410	1630	1090	1870	1260	772
28	778	354	390	390	502	362	1360	1650	1100	1900	1260	766
29	778	346	415	386	---	362	1330	1630	1110	1900	1260	778
30	778	362	399	374	a 362	362	1280	1660	1080	2010	1270	785
31	778		350		a 362			1650		2030		

Year or Period	Mean	Agave-Perk	640,850
1900	1010	1594	60,090
1901	1353	1594	97,980
1902	1340	1594	97,980
1903	1421	1594	97,980
1904	897	1594	97,980
1905	23,920	1594	97,980
1906	25,290	1594	97,980
1907	23,360	1594	97,980
1908	24,110	1594	97,980
1909	33,890	1594	97,980
1910	48,570	1594	97,980
1911	790	1594	97,980



## HENRYS FORK NEAR ASHTON, IDAHO

Daily discharge, in second-feet, of

for the year ending September 30, 1912  
Plate No. 50

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1060	1010	665	494	636	760	636	1750	2300	1390	2440	1650
2	1060	1040	665	519	627	760	636	1750	2180	1380	2470	1630
3	1040	1070	803	618	818	792	636	1840	2120	1380	2470	1630
4	1050	1120	749	562	646	770	696	1830	2120	1380	2420	1630
5	1160	1050	665	570	676	707	738	1860	2080	1330	2420	1630
6	1120	1050	627	636	618	696	696	1830	2120	1330	2380	1630
7	1080	1080	656	656	656	562	760	1830	2120	1330	2380	1630
8	1080	1080	636	636	665	656	781	1840	2180	1320	2420	1650
9	1060	1060	646	646	627	825	825	2100	2180	1280	2220	1630
10	1050	1050	976	618	718	656	836	2240	2200	1260	2240	1630
11	1040	1040	976	646	738	618	1280	2300	2120	1260	2240	1630
12	1050	1050	976	665	738	656	1300	2440	2000	1340	2240	1630
13	1050	1050	964	646	749	656	1400	2260	1900	1390	2060	1720
14	1040	1040	988	608	676	686	1480	2080	1860	1790	1980	1270
15	1010	1010	1010	589	749	636	1470	2240	1830	1790	1940	1130
16	1030	1030	696	665	749	589	1060	2400	1940	1810	1750	1230
17	1030	1030	665	665	536	627	1270	2280	1860	1770	1730	1170
18	1030	1030	676	665	570	618	1610	2240	1730	1810	1720	1170
19	1000	1000	636	618	676	627	1580	2100	1730	1810	1750	1200
20	1010	1010	536	707	792	598	1830	2100	1630	1830	1840	1160
21	988	598	598	608	869	598	2080	2180	1600	1810	1860	1160
22	976	528	656	570	825	676	2300	2280	1520	1810	1750	1090
23	940	589	562	646	686	618	2240	2400	1520	1940	1680	1090
24	964	598	636	656	749	618	2180	2510	1520	2120	1730	1100
25	976	580	636	656	718	618	2060	2510	1440	2140	1730	1100
26	976	589	519	656	760	618	2020	2570	1520	2180	1730	1090
27	1000	580	528	636	738	618	1940	2550	1520	2280	1610	1060
28	1040	589	627	656	728	618	1900	2570	1450	2320	1610	1040
29	1050	618	676	646	---	618	1900	2490	1550	2320	1650	1040
30	1040	608	665	646	---	618	1770	2470	1470	2400	1650	1050
31	1000	1000	570	646	646	618	2420	2470	2490	1660	1660	1050

MEAN  
ACRE-  
FEET

1032

811

646

624

698

648

1397

2202

1843

1766

1972

1335

63,470

48,230

39,730

38,390

38,710

39,860

83,130

135,400

109,700

106,600

121,200

79,420

MEAN  
1248YEAR  
OR  
PERIODACRE-FOOT  
903,870



Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								2000	2580	1220	1430	1040
2								1860	2270	1240	1420	1050
3								1960	2270	1250	1420	1050
4								2080	2400	1150	1380	1080
5								1960	2380	1150	1400	1160
6								1940	2520	1280	1370	1240
7								1880	2540	1210	1380	1260
8								1940	2890	1130	1430	1260
9								2750	3300	994	1290	1260
10								3060	3880	816	1290	1280
11								2940	3230	730	1250	1300
12								2820	2520	693	1130	1490
13								2650	2380	712	1080	1480
14								2650	2250	919	1120	1180
15								2700	2190	962	846	1040
16								2900	2960	1030	897	1110
17								2550	2610	972	987	1070
18								2380	2120	962	866	1070
19								2270	2100	897	897	1100
20								2500	1940	897	951	1060
21								2900	1700	856	983	1020
22								3230	1520	806	940	983
23								3500	1460	919	856	951
24								3800	1610	1110	887	962
25								3550	1900	1040	897	972
26								3600	2170	1070	994	962
27								3300	1940	1280	951	919
28								3500	1520	1280	951	837
29								3080	1510	1300	972	887
30								3130	1380	1420	983	866
31								2940		1480	1010	

3380

Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
1100	1101	1057	2268	2736	168,200	135,000	65,010	67,710	65,430			

Year  
or  
Period  
Mean  
Acre-Feet  
501,350



Daily discharge, in second-feet, of—

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1370	1540	1160	884	1380	1200	1230	2050	3080	1460	1040	862
2	1390	1540	1220	770	1340	1300	1250	1910	2500	1310	1060	879
3	1440	1540	1780	945	1240	1310	1310	2030	2040	1250	1070	940
4	1440	1740	1750	940	1200	1330	1430	2030	2230	1240	1070	956
5	1560	2000	1740	923	1260	1250	1510	1960	2340	1310	1070	1020
6	1660	2010	1630	1080	1260	1190	1440	1960	2500	1410	1070	1050
7	1610	1920	1400	1080	1200	1170	1440	1900	2730	1400	1080	1050
8	1590	1840	1390	1170	1240	1180	1410	2100	3200	1310	1100	1060
9	1600	1760	1390	1270	1190	1140	1470	2490	3930	1170	1080	1070
10	1580	1740	* 1390	1330	1190	1140	1550	2830	4520	1010	1070	1070
11	1560	1680	1420	1350	1250	1160	1940	2970	4130	884	1060	1160
12	1560	1660	1440	1290	1260	1230	2020	2880	3570	818	1000	1400
13	1560	1620	1410	1290	1250	1250	2200	2620	3060	780	967	1290
14	1560	1600	1380	1240	1160	1280	2200	2620	3060	786	928	1260
15	1550	1560	1400	1160	1030	1260	2340	2500	2640	770	818	1190
16	1560	1460	1420	* 1130	978	1200	2300	2700	3170	928	791	1200
17	1570	1210	1410	1130	765	1190	1940	2850	3630	879	760	1220
18	1560	1140	1410	1230	813	1230	2090	2700	3110	846	740	1250
19	1550	* 1050	1400	1210	775	1220	2430	2520	2590	780	730	1280
20	1530	978	1370	1180	1070	1200	2580	2320	2460	720	740	1260
21	1520	912	1400	1140	1310	1160	2410	2670	1890	665	755	1240
22	1500	1000	1390	1110	1410	1200	3330	3100	1560	640	745	1160
23	1490	950	1340	1110	1380	1260	3720	3570	1430	640	740	1160
24	1460	1050	1290	1240	1260	1220	3630	3570	1630	695	750	1150
25	1440	1070	1330	1320	1230	1220	3260	3940	1960	750	796	1140
26	1520	1080	1230	1350	1220	1200	2980	3920	2380	808	802	1140
27	1550	1080	1140	1400	1220	1190	2740	4120	2220	868	770	1100
28	1580	1160	1140	1420	1220	1190	2520	4340	2220	934	760	1070
29	1600	1160	1300	1470	1200	1190	2310	4280	1990	967	796	1060
30	1580	1180	b 1350	1450		1200	2110	3860	1800	1000		
31	1580	b 1300	b 1300	1400				3570		835		

MEAN	1536	1408	1378	1185	1186	1218	2155	2808	2617	977	905	1120
AGRE-	94,450	83,800	84,750	72,870	65,850	74,880	128,200	172,700	155,700	60,080	55,660	66,630
FEET												

MEAN  
OR  
YEAR  
PERIOD  
1541  
AGRE-FEET  
1,115,570



Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
1	8192	9029	9751	10697	11342	11888	12303	13175	15182	15229	17135
2	8254	9042	9764	10710	11384	11902	12332	13220	15182	15229	17045
3	8292	9067	9803	10737	11398	11916	12346	13280	15182	15229	17045
4	8317	9104	9842	10764	11412	11916	12346	13325	15214	15214	17045
5	8340	9142	9894	10791	11426	11916	12375	13385	15214	15214	17045
6	8379	9167	9920	10818	11440	11930	12404	13415	15214	15214	17045
7	8404	9205	9933	10845	11454	11944	12419	13445	15214	15214	17045
8	8442	9231	9946	10872	11482	11958	12433	13475	15214	15214	17045
9	8504	9270	9972	10899	11510	11972	12448	13505	15214	15214	17045
10	8517	9270	9985	10926	11538	11986	12462	13580	15182	15182	17045
11	8529	9283	10011	10940	11552	12000	12477	13640	15275	15136	17045
12	8554	9296	10037	10953	11566	12014	12506	13685	15214	12520	17045
13	8567	9309	10063	10967	11580	12028	12520	13730	15214	12520	17045
14	8592	9348	10103	10980	11594	12042	12535	13790	15214	12520	17045
15	8617	9374	10130	10994	11622	12056	12564	13865	15214	12520	17045
16	8642	9413	10157	11007	11664	12071	12578	13955	15260	11944	17045
17	8667	9465	10197	11034	11692	12085	12607	14015	15214	11862	17045
18	8692	9504	10238	11048	11706	12114	12636	14065	15229	11762	17045
19	8704	9530	10305	11062	11734	12129	12694	14075	15214	11678	17045
20	8742	9556	10359	11076	11762	12143	12738	14165	15214	11580	17045
21	8767	9582	10386	11090	11790	12158	12767	14210	15229	11482	17045
22	8792	9595	10413	11104	11804	12187	12825	14300	15229	11384	17045
23	8817	9608	10440	11118	11832	12216	12883	14407	15229	11286	17045
24	8842	9621	10467	11146	11846	12230	12912	14562	15260	11188	17045
25	8867	9634	10494	11174	11846	12245	12941	14733	15260	11090	17045
26	8892	9647	10548	11202	11860	12259	12984	14934	15260	10994	17045
27	8917	9660	10575	11230	11874	12274	13013	15136	15260	10967	17045
28	8942	9673	10602	11258	11888	12274	13057	15182	15229	10967	17045
29	8954	9686	10629	11272	11900	12288	13100	15182	15229	10967	17045
30	8979	9699	10656	11300	11913	12303	13130	15182	15214	10967	17045
31	9004		10683	11328				15182		10967	17045

MEAN  
ACRE-  
FEET

YEAR  
OR  
PERIOD

MEAN  
ACRE-  
FEET



GRASSY LAKE OUTLET near MORAN, WYO.

Barrel discharge, in accordance with

for the year ending December 31, 19

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1											49	
2											49	
3											49	
4											62	
5											87	
6											87	
7											87	
8											87	
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12											87	
13											87	
14											76	
15											49	
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20											49	
21											49	
22											49	
23											49	
24											49	
25											49	
26											49	
27											49	
28											49	
29											49	
30											49	
31											52	

This record only covers the period after  
 stored water release began on July 22.  
 Some overflow after reservoir filled on  
 May 27, but no record kept until July 22.  
 Cascade Creek water shut off some time  
 after Reservoir filled on May 27 and not  
 turned on again until Oct. 7, 1942.

MEAN												
ACRE- FEET												
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ACRE- FEET												
Year or Period												



Daily discharge, in second-feet, of

FALL RIVER near SQUIRREL, IDAHO

For the first opening the following day to

Plate No. 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	398	404	410	294	365	347	372	697	1390	1350	1445	124
2	398	404	614	294	365	347	372	697	1610	1510	1430	138
3	410	404	505	294	365	345	372	715	1860	1540	1430	124
4	417	636	430	294	365	347	398	662	1860	1350	117	430
5	460	529	430	294	365	347	404	697	2070	1740	160	430
6	445	482	384	294	365	347	417	871	2270	1460	124	424
7	452	424	391	294	365	359	475	982	2430	1090	160	424
8	452	410	398	305	365	365	561	1340	2950	840	175	430
9	445	410	398	311	365	365	594	1160	2780	724	168	430
10	424	410	398	311	365	365	594	1290	2200	706	168	438
11	410	410	398	311	353	365	628	970	2050	594	168	452
12	410	410	398	311	353	365	715	994	2020	577	175	537
13	417	410	398	311	353	365	810	1020	2020	529	175	475
14	417	404	398	311	335	353	751	1190	2490	545	168	460
15	417	424	398	311	317	365	662	1190	2620	577	152	460
16	417	438	398	311	317	365	1070	1190	2620	577	152	460
17	417	424	398	311	294	365	970	1070	1980	529	138	460
18	417	424	398	311	294	365	926	970	2040	537	130	468
19	410	410	424	311	300	200	994	926	2070	505	138	452
20	410	410	385	298	317	294	1070	1350	1960	505	130	438
21	410	365	410	300	323	294	1360	1400	1600	168	130	445
22	410	365	398	311	323	294	1580	1700	1510	168	124	445
23	410	365	365	341	323	294	1310	2040	2140	198	138	438
24	410	365	365	365	323	353	1050	2140	2140	198	145	438
25	404	365	365	365	323	353	1050	1930	2200	190	130	438
26	404	365	359	365	323	354	893	2170	2430	182	175	438
27	404	365	353	365	323	341	810	2200	1580	175	130	430
28	404	365	353	365	323	341	810	1980	1350	182	117	430
29	398	365	353	341	323	341	751	1650	1260	168	117	430
30	391	391	353	341	323	341	715	1760	1240	160	124	424
31	391	410	353	335	335	365	1540	1540		452	117	

MEAN	415	412	401	315	339	342	753	1290	1988	769	1444	442
ACRE- FEET	25,550	24,540	24,640	19,390	18,810	21,010	44,820	79,330	118,300	47,300	27,330	26,330
PERCENT	415	412	401	315	339	342	753	1290	1988	769	1444	442

MEAN  
OR  
PERCENT  
477,350



# FALL RIVER NEAR CHESTER, IDAHO

Daily discharge, in second-feet, of

for the year ending September 30, 19

Plate No. 56

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	798	852	852	807	780	816	879	1080	1530	1730	1550	1380
2	1170	1240	1240	1480	1490	1500	1660	1900	2330	2700	2080	1560
3	685	772	816	748	798	816	685	583	460	297	219	167
4	126	126	123	131	136	106	97	106	81	91	91	134
5	106	106	106	106	106	106	106	106	106	106	106	106
6	106	106	106	106	106	106	106	106	106	106	106	106
7	106	106	106	106	106	106	106	106	106	106	106	106
8	106	106	106	106	106	106	106	106	106	106	106	106
9	106	106	106	106	106	106	106	106	106	106	106	106
10	106	106	106	106	106	106	106	106	106	106	106	106
11	106	106	106	106	106	106	106	106	106	106	106	106
12	106	106	106	106	106	106	106	106	106	106	106	106
13	106	106	106	106	106	106	106	106	106	106	106	106
14	106	106	106	106	106	106	106	106	106	106	106	106
15	106	106	106	106	106	106	106	106	106	106	106	106
16	106	106	106	106	106	106	106	106	106	106	106	106
17	106	106	106	106	106	106	106	106	106	106	106	106
18	106	106	106	106	106	106	106	106	106	106	106	106
19	106	106	106	106	106	106	106	106	106	106	106	106
20	106	106	106	106	106	106	106	106	106	106	106	106
21	106	106	106	106	106	106	106	106	106	106	106	106
22	106	106	106	106	106	106	106	106	106	106	106	106
23	106	106	106	106	106	106	106	106	106	106	106	106
24	106	106	106	106	106	106	106	106	106	106	106	106
25	106	106	106	106	106	106	106	106	106	106	106	106
26	106	106	106	106	106	106	106	106	106	106	106	106
27	106	106	106	106	106	106	106	106	106	106	106	106
28	106	106	106	106	106	106	106	106	106	106	106	106
29	106	106	106	106	106	106	106	106	106	106	106	106
30	106	106	106	106	106	106	106	106	106	106	106	106
31	106	106	106	106	106	106	106	106	106	106	106	106

Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
164	88.3	279	1434	1409	86,630	85,350	17,130	5,430	9750	164	164	164

MEAN OF PERIOD  
674  
207.290  
ACR-FEET







Daily discharge, in second-feet, of TULON RIVER near ST. ANTHONY, IDAHO

for the year ending September 30, 1912.

Plate No. 58

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	563	504	452	361	412	370	386	768	1750	1150	822	593
2	588	499	448	355	412	370	417	768	1720	1240	804	563
3	593	499	578	349	408	370	452	553	1970	1240	804	548
4	583	518	1270	349	412	374	756	834	2360	1270	810	543
5	593	640	651	351	374	374	762	929	2570	1320	786	543
6	593	583	499	353	399	374	798	840	2610	1430	768	538
7	588	533	443	361	399	353	798	840	2770	1470	768	538
8	583	514	448	361	403	353	883	828	3250	1440	762	533
9	563	489	457	361	395	374	949	989	3520	1360	744	523
10	548	494	457	361	374	382	1150	1460	3540	1240	744	514
11	533	484	461	386	357	378	1180	1590	3110	1160	739	504
12	528	471	471	403	403	382	1150	1420	2530	1120	716	543
13	523	*480	475	425	370	386	1070	1130	2200	1040	705	609
14	523	489	475	374	370	386	1060	1090	1930	1000	705	598
15	523	484	466	374	370	357	1010	1020	1960	995	700	553
16	518	494	471	399	370	357	883	1080	2230	1060	700	533
17	514	494	504	421	341	378	810	1160	1920	1030	700	523
18	514	514	*494	425	378	353	852	1100	1680	1000	689	523
19	514	489	499	*421	349	353	929	989	1650	956	678	523
20	509	417	509	395	361	341	903	969	1550	916	667	523
21	509	395	509	395	365	357	1020	1140	1400	890	667	523
22	504	391	494	395	370	357	1260	1600	1300	870	662	518
23	509	391	439	430	370	357	1360	2130	1310	834	656	509
24	504	391	425	448	370	361	1220	2720	1450	834	651	509
25	504	391	403	452	370	361	1050	2820	1560	864	662	504
26	504	395	391	471	370	*357	916	3080	1560	846	667	504
27	523	408	378	471	370	361	852	3330	1460	858	630	499
28	518	421	399	471	370	361	810	3030	1320	858	593	494
29	543	434	443	452	370	357	810	3030	1230	840	598	480
30	538	426	457	421	370	361	786	2140	1230	834	609	480
31	499	430	430	412	370	370	1870	1870	1150	834	609	480

Mean	Agave	33,020	28,030	30,340	24,690	21,050	22,500	53,630	93,010	120,100	65,070	43,270	31,510
537	471	493	401	379	366	901	1513	2019	1058	704	530	530	530

MEAN 7 82  
YEAR 566,220  
AGAVE-PRIME



# Portneut River at Pocatello, Idaho

Daily discharge, in second-feet, of

for the year ending September 30, 1912

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	108	156	210	183	295	378	418	304	133	41	60	60
2	111	163	226	277	286	252	398	286	119	43	62	62
3	111	180	268	286	286	252	378	260	104	43	60	60
4	112	192	304	277	277	489	369	252	104	35	62	62
5	111	189	313	277	286	594	398	252	111	30	62	62
6	112	180	277	286	286	638	408	243	243	56	62	62
7	118	174	260	295	295	660	398	210	210	88	59	59
8	126	168	252	304	304	638	378	210	210	86	58	58
9	130	164	243	268	268	616	378	199	199	82	59	58
10	127	164	243	286	286	594	408	210	210	74	63	55
11	130	175	243	277	277	616	428	197	197	73	72	57
12	127	188	243	277	277	638	448	183	183	68	83	92
13	122	186	252	252	268	660	448	157	157	67	60	112
14	118	186	252	260	260	704	448	158	158	63	52	115
15	119	204	260	268	268	704	418	162	162	67	42	113
16	119	218	268	286	286	704	438	166	166	60	60	108
17	118	234	295	286	295	660	438	158	158	60	54	111
18	118	243	286	295	350	638	428	138	138	60	66	109
19	127	243	286	331	331	616	428	126	126	62	50	120
20	132	234	277	322	322	616	408	129	129	53	41	116
21	132	218	277	313	313	638	408	127	127	48	47	116
22	132	218	277	313	313	682	438	125	125	42	46	113
23	144	210	268	340	340	682	468	122	122	34	58	112
24	142	200	260	360	360	660	478	115	115	48	50	109
25	144	205	260	369	369	616	489	106	106	52	48	111
26	152	207	252	340	340	573	478	119	119	49	55	111
27	156	210	234	322	322	531	458	134	134	41	56	115
28	156	210	252	322	322	500	418	136	136	43	57	113
29	158	210	243	331	331	478	378	119	119	52	58	108
30	164	210	268	360	360	340	340	133	133	34	60	102
31	157	210	260	260	260	360	360	322	322	34	60	102

Mean	130	198	262		594	417	174	68.9	53.5	92.0
Area-	8,000	11,780	16,080		35,320	25,660	10,370	4,240	3,290	5,480

Y EAR  
OR  
A C C U M U L A T E D

U. S. GOVERNMENT PRINTING OFFICE

1912