



CHARLES C. GOSSETT
GOVERNOR

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

MARK R. KULP, STATE RECLAMATION ENGINEER

BOISE

January 15, 1945

Hon. Charles C. Gossett
Governor of Idaho
Building

Dear Governor Gossett:

Herewith is transmitted the annual report of Lynn Crandall, Watermaster and Special Deputy State Reclamation Engineer, for Water District No. 36, for the year 1944..

The irrigation water supply for 1944 was much better than the January 1, 1944, snow accumulation indicated. Late spring and early summer rains, together with ample hold-over storage in reservoirs and careful use of available water, made the season successful.

Again the snow accumulation is below normal as of January 1, 1945, and the reservoir storage is some 700,000 acre feet less than a year ago.

The water users in District No. 36 are well organized, ably advised, and working hard to obtain early post-war construction of the Palisades Reservoir, which will provide supplemental water for the lands in the district that experience shortages of late water.

The administration and distribution of the district were ably and efficiently handled.

Respectfully submitted,

Mark R. Kulp.

MARK R. KULP
State Reclamation Engineer



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

WATER DISTRICT NO. 36

CHARLES C. GOSSETT, GOVERNOR
MARK R. KULP, COMMISSIONER

January 10, 1945

Mr. Mark R. Kulp
State Reclamation Engineer
State of Idaho
Boise, Idaho

Dear Sir:

I am transmitting herewith the annual report showing features of water distribution in Water District No. 36 during 1944. The work during that year, as for 25 years past, was carried on under a cooperative agreement between the U. S. Geological Survey, State of Idaho, and the Snake River water-users. The Geological Survey and the State contributed an amount of money that would be required to maintain the regular stream gaging stations in the District and the balance of the expenses were paid by the local water-users.

The outlook early in the spring of 1944 indicated that a shortage of water supply was in prospect, but above normal precipitation in May and record breaking precipitation during June relieved the situation and ample supplies were available for the Snake River users. At the close of the irrigation season 1,000,000 acre-feet of holdover storage still remained in the reservoirs.

I wish to express my thanks and appreciation to you and employees of your Department, and to the members of the Committee of Nine for advice and assistance in handling the various problems arising during the year. The efficient operation of the District would not be possible without the cooperation, so freely given, of the U. S. Bureau of Reclamation and its employees, and of the canal companies, deputy watermasters, hydrographers, and gage readers. Particular thanks are due Henry C. Eagle and Charlotte M. Elg for their capable assistance in the preparation of this report.

Very truly yours,

LYNN CRANDALL

Watermaster.

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INTRODUCTION

At the annual watermaster election, held at Idaho Falls on March 6, 1944, Lynn Crandall was elected as watermaster for the ensuing year and the following were elected as members of the Committee of Nine:

E. H. Neal, Chairman, John E. Kelley, Vice Chairman,
Joe Andreason, H. L. Crawford, Eph Ricks, Hyrum
Severson, N. V. Sharp, R. E. Shepherd, A. E. Stanger.

Advisory members: S. R. Marean and F. C. Gillette.
John Lee, Secretary.

Mr. Shepherd, who had been a member of the Committee since it was organized in 1923, died in July 1944 and was succeeded by W. A. Heiss.

The same schedule of stored water transmission losses in use during recent years was again approved by the waterusers: $2\frac{1}{2}\%$ Moran to Heise; 4.4% Heise to Lorenzo; 0.5% Lorenzo to Shelley; 6% Shelley to Blackfoot; 4% Henrys Lake to Island Park; 2.0% Island Park to Warm River; 0.5% Warm River to Ashton.

A proposed budget for the ensuing year amounting to \$27,806.70 was adopted, and the watermaster was authorized to apportion actual expenses at the close of the 1944 irrigation season among the various waterusers in proportion to amount of water diverted. For this purpose the irrigation season was to be considered as beginning April 15 in the lower valley, May 1 in the upper valley, and May 15 in the extreme headwater areas.

At the time of the annual water election the snow supply was very poor, in fact 1931 was the only year in the past 25 years of records when the snow surveys showed less snow than existed in March 1944. In view of the indicated emergency the waterusers adopted a resolution

authorizing the storing of natural flow in Jackson Lake and Island Park reservoirs during 1944 after the flood flow was past and the river had receded so that rights of 1898 priority were cut. The stored natural flow also had to stand a 10% penalty cut on the amount stored and pay a prorata share of reservoir maintenance, estimated to be 2¢ per acre-ft. at Jackson Lake and 5¢ per acre-ft. at Island Park. The Minidoka Project representative voted against this resolution at the annual meeting, but at a later meeting held at Rupert in May the directors of the Minidoka and Burley Irrigation Districts withdrew their objection as far as the year 1944 was concerned. The heavy June rains, surpassing all previous precipitation records at many measuring points, completely changed the water situation. Substantial amounts of leased storage were turned back to the Government for resale, more than sufficient to meet the rental demands, so that very little use was actually made of the temporary authorization to store natural flow during 1944. The reservoirs all filled to capacity during the June run-off and about 1,700,000 acre-feet spilled to waste past Milner in excess of Idaho Power Company rights during the year ending September 30, 1944.

The stream flow in 1944 was also helped considerably by ground-water holdover from large amounts of water that were contributed to the water table during 1943, and the river discharge never dropped as low as was anticipated early in the spring.

The only shortages suffered in 1944 by canals that could be supplied with water from the reservoirs was in the area along the north side of the river between Heise and Roberts. When no water is being

discharged past Blackfoot, and canal diversions are decreasing during the latter part of the summer, the river gets so low that these canals cannot divert enough water to meet their requirements. The most satisfactory remedy for the difficulty would be more permanent and expensive diversion dams, feeder canals, etc. The cost of such construction, however, appears excessive to the water-users so they get along as best they can under existing conditions. The situation is worse in years when there is a large return flow below Lorenzo or when the lower valley canals do not need to draw Jackson Lake water and the river is kept as nearly dry as possible at Blackfoot.

Regulation began May 14 and by June 1 about 110,000 acre-ft. had been withdrawn from American Falls Reservoir. The reservoir refilled, however, and regulation was finally resumed again on July 5 and continued until September 19, with a little storage being used at Milner after the latter date. At the end of the season there were slightly over 1,000,000 acre-ft. or 36% of capacity remaining in the reservoirs, compared to 61% a year before. Total storage diversions during 1944 amounted to 1,830,000 acre-ft., exclusive of water used from American Falls reservoir early in the season prior to the last refill of that reservoir.

At the year's end the Bureau of Reclamation had about completed its study of water supply and possible water savings in connection with the proposed Palisade Reservoir Project. It was reported that some further drilling and surveys at the damsite would probably be done in 1945. The time for completion of the construction work at Palisade dam as set out in the original water Permit, granted in 1939, was extended

by the State Reclamation Engineer for a period of time equal to the time during which the war prevents the starting of construction work.

PERSONNEL

The persons engaged in water distribution during 1944 were as follows:

Lynn Crandall	Watermaster & Deputy Comm. of Reclamation
Henry C. Eagle	Assoc. Engineer and Deputy Watermaster
Melvin Luke	Deputy Watermaster & Hydrographer at St. Anthony
Oleen Dummer	Hydrographer.
Ray M. Berry	Hydrographer.
Charlotte M. Elg	Clerk
A. H. Bush	Deputy Watermaster & Hydrographer, Teton Basin
D. W. Archibald	Deputy Watermaster, Henrys Fork.
J. Bohi	Deputy Watermaster, Henrys Fork & Lower Teton R.
Walter C. Lenz	Deputy Watermaster, Upper Fall River
D. R. Crystal	Deputy Watermaster, Heise Division.
H. M. Bramwell	Deputy Watermaster, Rigby Division.
D. W. Dick	Deputy Watermaster, Idaho Falls Division.
Eugene Liljenquist	Deputy Watermaster, Blackfoot Division.
R. H. Rambo	Deputy Watermaster, Milner Dam.
Lloyd Brown	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., " " "
J. J. Taylor	Supt. Grassy Lake, " " "

Gage readers: H. T. Young, Joseph H. Bahr, Jr., James M. Fugal, Delbert Godfrey, S. P. Sorenson, Mrs. Irvin Siepert, D. R. Anthony, D. L. Dutton, T. E. Culley, A. J. Ayers, Elden Schofield, J. A. Clough, J. H. Rightenour, and Wm. Hall.

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
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
1943	67	23.2	91	33.3	100	37.4	67	33.7
1944	25	5.6	38	9.0	49	13.5	37	13.6
Average, inches	44	11.2	57	16.9	62	20.7	53	21.5

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 1944 water content as a percentage of average was as follows:
January 50%, February 53%, March 65%, April 63%. The 1944 run-off at Moran was 79% of average, largely as a result of heavy June precipitation.

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		
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
1943	67	22.7	74	29.7
1944	35	7.9	50	13.3
Average inches	39	10.7	53	17.2

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

The 1944 snow survey on the Buffalo River watershed showed 74% of average in February and 77% late in March. The snowfall was heavier on the Buffalo River watershed than it was above Jackson Lake.

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:

Depth in Inches

Station	Last of Dec.		Last of Jan.		Last of Feb.		Last of Mar.		Last of Apr.	
	Snow	Water	Snow	Water	Snow	Water	Snow	Water	Snow	Water
Valley View Ranch (Henrys Fork)										
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		
1943 "	-	-	-	-	-	-	58	21.1	14	6.3
1944 "	-	-	-	-	-	-	41	10.5		
Average	21	3.2	-	-	-	-	45	14.2		

Big Springs (Henrys Fork)

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		
1943 "	53	12.9	82	23.9	87	29.6	76	30.0	32	15.9
1944 "	11	1.6	29	6.1	48	12.0	52	15.2		
Average	28	5.5	47	11.6	58	17.2	57	19.4		

Island Park (Henrys Fork)

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		
1943 "	42	9.8	70	19.1	70	23.3	59	20.6	0	0
1944 "	11	1.0	24	3.6	39	8.3	43	11.7		
Average	24	4.3	41	9.4	49	13.5	45	14.2		

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
1943 "	74	19.4	114	36.1	113	42.3	106	42.8	82	44.8
1944 "	36	8.6	42	10.8	61	17.1	63	22.1	44	19.0
Average	51	14.9	66	21.8	80	28.6	73	29.1	57	28.3

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
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
1943 "		-	-	-	-	99	34.0	82	35.0	35	19.0
1944 "		-	-	32	7.5	45	12.3	48	15.4	22	8.3
Average		34	7.8	54	14.1	69	21.8	67	24.6	26	12.2

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		
1943 "	61	18.8	(100)	(36.2)	105	42.4	119	51.2		
1944 "	-	-	27	6.6	55	12.0	52	16.9		
Average	37	9.5	55	15.8	72	23.2	79	28.2		

State Line (Teton R.)

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		
1943 "	46	13.7	65	21.3	67	24.0	64	26.2		
1944 "	-	-	24	5.1	35	8.3	36	8.4		
Average	25	5.0	38	9.3	46	13.5	45	15.8		

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	-	-
1943 "	-	-	-	-	51	15.9	54	18.1	-	-
1944 "	-	-	-	-	27	5.7	31	7.1		
Average	17	3.4	-	-	36	9.7	39	11.8		

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>Bryan Flat (Hoback R.)</u>										
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		
1943 "	42	10.9	55	13.5	57	17.4	44	14.4		
1944 "	5	0.8	14	2.0	19	3.2	21	5.2		
Average	17	3.5	27	6.1	31	8.2	30	9.9		

<u>Yellowjacket (Gros Ventre R.)</u>										
1936 Season	8	1.0	20	2.9	46	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		
1943 "	-	-	21	3.3	47	10.1	45	12.3		
1944 "	-	-	-	-	16	1.0	20	4.7		
Average	11	1.9	18	3.2	30	5.8	27	7.1		

<u>Grover Park Divide (Salt River)</u>										
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		
1943 "	-	-	46	13.8	43	13.9	45	15.2		
1944 "	16	3.0	24	4.4	27	6.1	36	7.8		
Average	20	4.0	30	7.3	34	10.2	36	11.2		

<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		
1943 "	-	-	50	14.7	46	14.2	48	15.7		
1944 "	16	2.1	21	3.8	28	5.9	40	9.3	12	4.1
Average	18	3.6	29	7.0	35	9.9	36	11.6		

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>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		
1943 "	-	-	51	15.3	48	15.8	48	17.2		
1944 "	-	-	19	2.4	23	4.2	30	7.0		
Average	-	-	30	6.6	35	10.0	35	11.0		

<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	0	0		
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		
1943 "	-	-	59	17.4	57	19.8	54	18.4		
1944 "	-	-	16	1.3	18	2.9	20	5.3		
Average	17	2.8	30	6.7	35	9.8	30	9.2		

<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		
1943 "	-	-	46	12.2	47	15.5	41	14.7		
1944 "	7	1.0	18	3.0	20	4.9	18	5.3		
Average	16	3.0	31	6.8	35	10.5	28	10.2		

At the end of March 1944 the snow supply (water content) was the following % normal on different sections of the watershed: Jackson Lake 64%, Tributaries Jackson Lake to Heise 66%, Island Park 78%, Fall River 70%, Teton River 57%. The run-off for 1944 was 79% of normal at Moran, 79% at Heise, 102% from Island Park, 94% on Fall River, and 99% on Teton River.

The increased run-off compared to snow supply was due to two principal causes. One was the large amount of ground water storage on the watershed carried over from 1943, the other was very heavy precipitation during June 1944. The effect of ground water storage from one year to another has always been particularly noticeable on the porous watershed of Henrys Fork and tributaries.

REGULATION SCHEDULE

The following schedule shows priorities being filled during 1944. Spill past Milner ceased on May 14 and by June 1st about 110,000 acre-feet of storage had been withdrawn from American Falls Reservoir and used by lower valley canals with late priority rights. June rains, however, reduced the upstream diversions and increased the river flow so that American Falls Reservoir refilled and storage draft did not begin again for the last time until July 5. Hence the storage rights in American Falls and Jackson Lake were 100% filled on July 4 (American Falls date) and stored water deliveries were only charged after that date. Except for the unusually heavy June rains the Jackson Lake top right probably would not have filled, and the use of storage during the season would have been much greater than it actually was.

The water deliveries on Teton River were regulated according to the Snake River priority schedule until August 4, after which it was necessary to cut rights on that stream to 1885 priorities. After September 3, Teton River regulation was again on the Snake River schedule. Water rights on Henrys Fork were regulated according to the Snake River schedule thruout the season.

After regulation ceased on September 19 there was a small amount of storage used by Idaho Power Company and Gooding Project at Milner as

shown on Plates 13-14. Storage used after regulation ceased was computed to be equal to the drop in American Falls and Lake Walcott reservoirs.

From July 13 to September 17 there was no normal flow delivered past the lowest canal heading (Parsons Ditch) near Blackfoot. During that period the only normal flow received by lower valley canals was inflow from tributaries below Blackfoot.

1944 REGULATION SCHEDULE

May	14	Cut off 1921 rights.
"	27	Cut part of Aug. 6, 1908 priority.
"	29	Cut part of March 26, 1903 right.
"	31	Filled Mar. 26, 1903 right.
June	1	Filled Part of Aug. 6, 1908 right.
"	2	Filled May 24, 1913 right.
"	5	Filled Mar. 30, 1921 right.
"	25	Cut off rights later than 1905 priority.
"	28	Restored rights prior to Mar. 30, 1921 priority.
July	5	Cut off 1916 rights.
"	8	Cut off rights later than Oct. 7, 1905 priority.
"	10	Cut off rights later than Mar. 26, 1903.
"	11	Cut off rights later than Oct. 11, 1900.
"	13	Cut off 1898 rights.
"	14	Cut off rights later than Feb. 6, 1895.
"	15	Filled 70% Feb. 6, 1895 right.
"	16	Filled 50% Feb. 6, 1895 right.
"	17	Filled 40% Feb. 6, 1895 right.
"	19	Filled 10% Feb. 6, 1895 right.
"	20	Cut off Feb. 6, 1895 right.
"	21	Filled 10% Feb. 6, 1895 right.
"	22	Filled 20% Feb. 6, 1895 right.
"	24	Cut off all 1895 rights.
"	25	Filled 25% Aug. 18, 1894 right.
"	27	Cut off June 1, 1892 rights.
"	28	Filled 80% Dec. 14, 1891 right.
"	29	Filled 30% Dec. 14, 1891 right.
"	30	Cut off Dec. 14, 1891 right.
"	31	Cut off June 1, 1891 right.
Aug.	1	Cut off all 1891 rights.
"	4	Filled 30% Oct. 16, 1890 right.
"	5	Filled 50% July 12, 1890 right.
"	8	Filled 50% June 10, 1890 right.
"	9	Cut off June 10, 1890 right.
"	11	Cut off June 1, 1890 right.
"	12	Cut off all 1890 rights.

Regulation schedule - cont'd.

Aug. 14	Filled 50% July 10, 1889 right.
" 29	Cut off July 10, 1889 right.
Sept. 2	Restored 50% July 10, 1889 right.
" 4	Restored all 1889 rights.
" 6	Restored June 10, 1890 right.
" 7	Restored July 12, 1890 right.
" 8	Filled 50% July 10, 1889 right.
" 18	Restored 1889 rights.
" 19	Restored 1905 rights, ceased regulation.

The Jackson Lake gates were closed September 25, but it was necessary to open them again October 10 for about ten days to release the natural flow for the benefit of canals above Lorenzo. The Great Feeder and upstream canals were using practically all the stream flow at that time with the river almost dry at Lorenzo. The river was so low that the north side canals above Lorenzo were unable to divert any water to irrigate the sugar beets preparatory to digging. The situation was aggravated by the fact that they had been short of water during the last half of September due to low river stages. The natural flow released from Jackson Lake for the 10 day period, plus some water that the Great Feeder Company was induced to cut back to the river, proved sufficient for the beet irrigation under most of the affected area.

Inflow from Henrys Fork and return flow provided enough water to meet the requirements between Lorenzo and Blackfoot after September 19, altho the river was nearly dry below Blackfoot for a few days about September 30.

WATER SUPPLY

Run-off at typical measuring stations for the year ending September 30, 1944, was as follows:

<u>Station</u>	<u>1944 run-off (acre-ft.)</u>	<u>Average run-off (Acre-ft.)</u>	<u>Years of record</u>	<u>1944 per- cent of average</u>
Snake R. at Moran	810,000	1,028,000	41	79
Snake R. at Heise	3,971,000	5,030,000	41	79
Snake R. at Neeley	4,771,000	5,687,000	48	84
Fall R. nr. Squirrel	502,000	536,400	31	94
Teton R. nr. St. Anthony	528,100	531,200	17	99
Henrys Fork at Warm R.	734,200	715,000	30	102
Henrys Fork nr. Rexburg	1,301,000	1,383,000	36	94

The run-off at Moran and Heise has been corrected for Jackson Lake holdovers; at Neeley for American 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 discharge from Cross Cut Canal into Teton River.

Due to ground water storage held over from 1943 and greater relative June precipitation, the run-off on Henrys Fork and tributaries was much greater in proportion to normal than on the main river above Heise.

Due to the heavy June precipitation the annual precipitation for the year at Irwin and Ashton was actually above normal in spite of deficient snowfall.

The river reached a peak discharge of 19,600 sec.-ft. at Heise on June 11, of which 5,900 sec.-ft. represents water being released from Jackson Lake the day previous. There was some erosion and minor damage along the river banks at various points between Heise and Roberts at the peak stage but not of serious consequence.

Spill past Milner in excess of Idaho power Company rights amounted to about 1,700,000 acre-ft., of which 617,520 acre-ft. were discharged by the Bureau of Reclamation during the months of October 1943 to January 1944, inclusive, in a regulated flow to suit the needs of the Idaho Power Company, so that the greatest use could be made of the water

that it was apparent would have to be spilled. The Bureau of Reclamation arranged a special contract with the Power Company whereby the latter paid six cents per acre-ft. for the use of American Falls reservoir space to regulate the 617,520 acre-ft. for power production. This would appear to have been a desirable arrangement for all concerned and a good example of mutual cooperation.

The Idaho Power Company carried 12,641 acre-ft. of stored water past Milner Aug. 11 to Sept. 30, from its 1944 reservoir allotment.

The following tabulation shows reservoir holdovers during the past five years:

	<u>Holdovers on Sept. 30 in Acre-feet</u>				
	<u>1944</u>	<u>1943</u>	<u>1942</u>	<u>1941</u>	<u>1940</u>
American Falls	534,450	397,050	410,360	319,800	264,380
Jackson Lake	300,570	650,340	321,330	226,110	166,350
Lake Walcott	78,020	42,710	93,550	18,850	- 900
Henrys Lake	55,900	76,200	43,810	38,900	36,800
Island Park	51,900	84,050	60,620	39,230	17,050
Grassy Lake	6,420	14,750	10,910	8,170	520
Total	1,027,260	1,765,100	940,580	651,060	484,200

Grassy Lake was drawn somewhat lower in 1944 than would have otherwise been required for the purpose of doing some repair work.

TRANSFERS AND EXCHANGES

The high current returns from farming operations has created a demand for water for new lands and stimulated a search for any water rights that could be purchased and transferred. Transfers during the past year were as follows:

Transfer No. 655 - Carl Buckland, 1 sec.-ft. June 1, 1882 right on Burns Creek transferred to lands owned by Everett Clay under Sunnydiell Canal.

- Transfer No. 657 - H. M. Bramwell, 4.8 sec.-ft. June 1, 1885 right in White ditch, 1/2 of right abandoned to river to compensate other users for less return flow from new place of use and 1/2 of right transferred to lands owned by Bert Woods, Emil C. Johnson, and Kenneth Woods under Great Western Canal.
- Transfer No. 658 - Island Irrigation Co., 21.36 sec.-ft. June 1, 1891 priority, 1/2 of right abandoned to river and 1/2 transferred to lands owned by A. C. Snarr, J. W. Baxter, A. D. Snarr, and Farrel L. Hansen under Great Western Canal.
- Transfer No. 659 - Farrel L. Hansen, 3.70 sec.-ft. with various dates of priority from 1888 to 1905, transferred to lands owned by A. C. Snarr. Both old and new place of use are under Great Western Canal.
- Transfer No. 663 - Geo. E. Lovell, 0.8 sec.-ft. June 1, 1885 from Farmers Friend Canal, less 5% river loss, transferred to lands owned by Chris Christensen and Presley Martin under Great Western Canal.
- Transfer No. 664 - Island Irrigation Co., 7.60 sec.-ft. June 1, 1891 priority, 1/2 of right abandoned to river and 1/2 transferred to lands owned by Hollis Becker, Emil C. Johnson, C. W. Burke, and A. D. Snarr under Great Western Canal.
- Transfer No. 667 - Island Irrigation Co., 1.04 sec.-ft. June 1, 1891 priority, 1/2 of right transferred to land owned by Lem Cook under Great Western Canal and 1/2 abandoned to river.

Except for the act of the last Legislature requiring canal company approval of transfers where the water right is evidenced by ownership of stock in a canal company, there would have been a number of other purchases and transfers. The watermaster has been besieged with requests for information from parties wanting to buy water rights, and the price of those sold recently has been from 50% to 100% greater than existed ten years ago. Recent cost has ranged from \$10 to \$40 per miners inch depending on date of priority and whether part of the right has to be abandoned to the river when making the transfer. This abandonment is

required when water is transferred from areas of tributary to non-tributary water table;

The point of diversion of the Edw. Mitchell decree of 3.0 sec.-ft. June 1, 1894 priority from Fall River was changed from the McBee to Silkey Ditch at the request of all water-users under both canals.

A few canals cut out water for short periods under the provision authorizing temporary storage of normal flow rights in 1944 under certain restrictions.

Amounts stored under this provision, after deducting 10% penalty, were as follows, for which 2¢ per acre-ft. or \$147.72 was paid the Government:

Peoples Canal	1033 acre-ft.
Snake River Valley Irrigation District	1540 "
Smith Maxwell (Reservation) Canal	840 "
A. D. Snarr (Great Western Canal)	20 "
Trego Ditch Co.	99 "
Island Irrigation Co.	2471 "
Harrison Canal	<u>1383</u> "
Total	7386 "

LITIGATION

For the first time in 15 years of the present watermaster's term of office there were no law suits relating to water rights or river administration started or completed during the year and none is now pending.

CANAL DELIVERIES

Daily diversions during the months May to September, inclusive, from the main river between Heise and Blackfoot are shown on Plates 6 to 10 inclusive. The Bureau of Reclamation, under the direction of F. M. Clinton, Associate Engineer, gathered records of discharges

during the preceding winter of such of these canals as contributed any water to areas of non-tributary ground water flow. Such records are shown on Plates 5A to 5G. A year before the Bureau secured complete records of winter diversions by all canals, but during the 1943-44 winter those canals were omitted where it was known that the diverted winter water all returned to the stream either as surface or underground flow.

Records for the full year ending September 30, 1944 of diversions by canals below American Falls are shown on plates 34 to 44 inclusive. Discharge records during the irrigation season on some of the larger canals in the headwater areas are shown on Plate 24 but there are many small individual canals on tributary creeks on which no complete records are kept. These are visited occasionally when need for regulation occurs but it would require the services of several additional deputies to get complete records on such canals and it is doubtful if their value would justify the additional cost. Total diversions during the 1944 irrigation season by all canals in the District, including estimates for headwater diversions, as computed for the 1944 watermaster bill, amounted to 6,500,000 acre-feet.

The following tabulation shows the seasonal diversions and irrigated areas under canals diverting from Snake River between Heise and Milner. Similar data for canals on Henrys Fork are shown in the chapter covering distribution on that stream and tributaries. The irrigation season is taken as May to September for upper valley canals and April 15 to September 30 for lower valley canals. The irrigated area is gross irrigated acreage which drew water as reported by the canal companies.

Diversions during 1944 irrigation season
(Snake River Canals in downstream order from Heise)

Canal	Diversions (acre-feet)	Irrigated area (acres)	Acre-feet per acre
Riley	3,670	800	4.6
Anderson & Eagle Rock	206,500 (a)	31,780	6.5
Farmers Friend	74,000	10,300	7.2
Enterprise	26,500	5,100 (b)	5.2
Nelson	214	60	3.6
Mattson & Arnsberger	1,790	500	3.6
Ross & Rand	803	160	5.0
Butler Island	10,700	1,150	9.3
Steele	1,400	250	5.6
Harrison	87,300	12,000	7.3
Cheney	1,470	180	8.2
Rudy & Boomer	38,200	5,000	7.6
Kite & Nord	1,020	235	4.3
Burgess	183,800	21,000	8.7
Clark & Edwards	16,900	1,800	9.4
Lowder & Jennings	6,850	920	7.4
East Labelle	29,500	2,200	13.4
Sunnydell	25,100	3,680	6.8
Lenroot	23,200	3,800	6.1
Reid	32,760	5,200	6.3
Texas Feeder	53,900	7,200	7.5
Nelson Corey	1,350	460	2.9
Hill Pettinger	198	154	1.3
Rigby	43,100	4,000	10.8
Dilts	4,970	520	9.6
Island	29,800	3,400	8.8
W. Labelle & Long Isl.	96,500	8,500	11.3
Parks & Lewisville	80,000	6,500	12.3
North Rigby	12,600	1,200	10.5
White	714	120	5.9
Ellis	797	110	7.2
Bramwell	1,560	200	7.8
Butte & Market Lake	53,200	17,500	3.0
Osgood	23,600	6,400	3.7
Bear Island & Smith	432	170	2.5
Idaho	212,100 (a)	35,508	6.0
Kennedy	10,000	2,300	4.3
Great Western & Porter	162,000	28,000	5.8
Coy & Kellar	236	60	3.9
Woodville	16,700	3,000	5.6
Snake River Valley	127,400 (a)	21,000	6.1
Reservation	185,700 (c)	35,000	5.3
Blackfoot	68,900	13,000	5.3
New Lava Side	31,910	5,000	6.4
Peoples	108,000	18,000	6.0

Canal	Diversions (acre-feet)	Irrigated area (acres)	Acre-feet per acre
Aberdeen	290,300	61,000	4.8
Corbett	37,990	7,000	5.4
Nielsen-Hansen	2,160	460	4.7
Riverside	28,110	4,000	7.0
Danskin	42,290	6,000	7.0
Trego	12,500	1,500	8.3
Wearyrick	12,900	1,500	8.6
Watson	25,270	4,800	5.2
Parsons	6,500	800	8.1
Minidoka Irr. Dist.	420,200	70,985	5.9
Burley Irr. Dist.	244,700	45,000	5.4
N. S. Canal Co.	943,000	161,480	5.8
Twin Falls Canal	924,000	202,610	4.6
Milner Low Lift	41,480	9,033	4.6
Gooding Project	391,500	57,500	6.8
Total	5,520,244	957,085	5.8

- (a) Received some additional water from Willow & Sand Creeks.
- (b) About 1900 acres of this area supplied thru Eagle Rock Canal after July 15.
- (c) 66,800 from Snake River, balance from Blackfoot R. and Sand Creek.

Total diversions were 680,000 acre-ft. or 11% less than in 1943, but were adequate for all needs. The reduced use in 1944 was principally due to colder temperatures all summer and more rain during the first half of the irrigation season.

Of the total main river diversions 54% were by lower valley canals and 46% by upper valley canals. If the diversions from tributaries in the upper valley are included the lower valley diversions were 46% and all diversions above Blackfoot were 54% of the total diversions in the District.

Lower valley canals used 1,239,843 acre-ft. of storage or 42% of their total diversions. Upper Valley main river canals used 440,842 acre-ft. of storage or 17% of their total diversions. Henrys Fork

canals used 135,271 acre-ft. of storage or 17% of their total diversions.

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>
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
1943	417	545	750	666	510	2888
1944	327	406	679	610	415	2437
Average	415	609	671	546	400	2641

Henrys Fork and Tributaries
(excluding headwater creeks)

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
1943	165	209	218	188	119	899
1944	157	176	192	178	102	805
Average	193	220	188	152	101	854

1939-43 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>
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

Minidoka Project (cont'd)

<u>Year</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1940	35	162	156	173	159	50	735
1941	20	152	125	169	148	90	704
1942	15	87	155	181	170	101	709
1943	33	162	105	182	167	103	752
1944	16	115	85	180	167	106	669
Average	30	140	131	171	160	96	728

North Side Canal Co. Project

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
1943	70	195	180	222	225	170	1062
1944	47	156	159	219	219	163	963
Average	56	181	187	214	206	133	977

Twin Falls Project

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
1943	97	200	166	214	221	156	1054
1944	53	160	148	212	218	161	952
Average	73	188	180	212	217	149	1019

Gooding Project

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
1943	2	64	62	91	92	57	368
1944	5	63	73	93	90	67	391
Average excluding Sept. 1935	11	64	70	85	79	57	366

Diversions during April, May and June were considerably below normal, July diversions were slightly above normal. August diversions were considerably above normal in the upper valley due to absence of rain and large potato acreage. September diversions were slightly above normal in all sections. The seasonal diversions in the upper valley and on the Minidoka and Twin Falls projects were the lowest since 1935, due to the weather conditions that prevailed during the year.

RIVER DATA

Segregation of stored water and normal flow at the several gaging stations is shown on plates 12-13. The computed losses between various stations as tabulated on these plates were based on the transmission loss schedule approved at the annual water meeting and given on page 1.

The segregation of stored water and natural flow was made on the same basis used for a number of years past. At Moran the daily drop in Jackson Lake is converted into second-feet and is listed as stored water, the balance of the daily discharge being called normal flow. To avoid marked fluctuations in the computed normal flow from day to day the computed quantities are smoothed out by averaging over short periods. Cuts in natural flow rights are made to lag a day or two behind actual drop in stream flow during the early period of storage release from Jackson Lake until about 10,000 to 15,000 acre-feet of stored water has been delivered as natural flow. This is to compensate the normal flow users for reservoir losses that occur when the Lake is full as well as river bank storage resulting from the higher river stages caused by running stored water. This water is recovered later

on in the season for stored water owners from bank storage return as Jackson Lake is lowered and return flow along the river when the storage releases are greatly reduced.

The computed quantities of stored water released at Moran minus stored water transmission losses and storage diversions and plus storage balances at Rexburg from Henrys Fork operation and inflow from Market Lake Springs are carried downstream as far as Blackfoot, giving a result shown on the plates as "Theoretical balance of storage at Blackfoot". Prior to the date when the 1900 priorities are cut this same quantity is shown as stored water at the Clough measuring station and is subtracted from the total flow at the station to get normal flow at that point. After the 1900 rights are cut and there is no more normal flow to go past Blackfoot, it is assumed that the normal flow at Cloughs would be 160 second-feet of rising water immediately above the Clough station plus the flow in Blackfoot river, any balance at Cloughs being classed as stored water spilled past Blackfoot. The natural fluctuations of the river plus those caused by changes in storage releases three days upstream from Blackfoot make it impossible to furnish satisfactory canal deliveries unless a few hundred second-feet of stored water are being spilled past the lowest canal heading. In years when lower valley canals are drawing Jackson Lake storage, or when there is lower valley stored normal flow in Jackson Lake the spills past Blackfoot can be charged accordingly. At other times, as in 1944, they can usually be charged to upper valley unused holdover of American Falls water being delivered to American Falls reservoir. Every endeavor is made to keep such spills as low as possible but sometimes, due to

rains, etc., the upper valley canals reduce their storage diversions or spill waste water back to the river before the cut at Moran reaches their headgates and for short periods 1,000 second-feet or more of stored water may spill past Blackfoot. During the 1944 season there was a net total of 24,510 second-feet or 48,600 acre-feet of storage discharged past Cloughs. This is 2.7% of the total discharge at Heise plus Rexburg during the storage delivery months July, August, and September.

The daily normal flow at Neeley is calculated by adding the inflow Cloughs to Neeley to the normal flow at Cloughs. The inflow Clough to Neeley is computed from records on the Portneuf River at Pocatello, occasional measurements of surface inflow and estimates of about 1,300 second-feet of inflow below the reservoir high water line. Measurements of the various springs and wasteways into American Falls reservoir were made on or about the following dates in 1944: May 5, 24, June 9, 19, 28, July 8, 31, Aug. 24, Sept. 22. Mr. E. H. Neal furnished daily estimates of the flow in the principal wasteways on the Aberdeen Project. The daily reservoir inflow between Cloughs and Neeley as computed from this data is shown on Plate 11 for the months May to September inclusive. Records of this inflow are not secured during the non-irrigation season.

The calculated daily normal flow at Neeley is delivered to the downstream canals in accordance with their respective priorities and any additional water diverted by them is called storage. The gain from Neeley to Milner, for convenience in tabulation, is thus classed as storage and is allotted to the Minidoka Project on days when that Project is drawing storage.

After September 21, Neeley date, the drop in the combined contents of Lake Walcott and American Falls Reservoir was charged as stored water to the Idaho Power Company and Gooding Canal at Milner, the gain Neeley to Milner being used to supply natural flow diversions.

STORED WATER DELIVERIES

The contract amounts of water were allotted in Jackson Lake and American Falls reservoirs as follows:

1944 Allotment of Jackson Lake and American Falls Storage
Canals listed in downstream order from Heise
Figures in acre-ft.

<u>Canal</u>	<u>Jackson</u>	<u>American Falls</u>		<u>Total, both Reservoirs</u>
		<u>Regular Right</u>	<u>Lease</u>	
Riley (Poplar Irr. Dist.)	1,200	793	370	2,363
Progressive Irr. Dist.	0	14,609	7,409	22,018
Farmers Friend	2,000	0	0	2,000
Enterprise Canal Co.	6,100	10,509	4,908	21,517
Harrison Canal Co.	5,000	11,994	6,084	23,078
Idaho Irr. Dist.	0	26,986	12,602	39,588
Rudy Canal Co.	2,000	2,000	1,014	5,014
Burgess Canal Co.	5,120	7,496	4,328	16,944
Lowder Slough	1,040	0	0	1,040
Sunnydell Irr. Dist.	4,000	0	0	4,000
Lenroot Canal Co.	3,000	4,504	2,284	9,788
Reid Canal Co.	0	3,002	1,402	4,404
Dilts Irr. Co.	0	1,034	524	1,558
Enterprise Irr. Dist.	0	12,000	9,738	21,738
Butte & Market Lake	0	3,002	1,402	4,404
Utah Idaho Sugar Co.	0	15,852	8,042	23,894
Kennedy	355	0	0	355
New Sweden Irr. Dist.	5,000	28,528	14,471	47,999
Martin Canal Co.	1,500	2,250	1,050	4,800
Bear Island (Nandorf)	0	225	105	330
Smith Ditch (Austin)	0	79	41	120
Woodville Canal Co.	0	9,000	1,000	10,000
Snake River Valley	15,000	27,643	12,909	55,552
Blackfoot Canal Co.	0	15,033	7,020	22,053
Peoples Canal Co.	8,000	22,519	11,423	41,942
Aberdeen-Springfield	42,685	41,333	56,014	140,032
Corbett Slough	0	4,000	1,868	5,868
Trego Ditch Co.	0	1,462	683	2,145
Minidoka Irr. Dist.	186,030	50,000	20,000	256,030

1944 Allotment of Jackson Lake and American Falls Storage - cont'd.

<u>Canal</u>	<u>Jackson</u>	<u>American Falls</u>		<u>Total, both Reservoirs</u>
		<u>Regular right</u>	<u>Lease</u>	
Burley Irr. Dist.	139,780	0	25,000	164,780
Milner Low Lift	0	34,113	15,931	50,044
Twin Falls Canal Co.	97,183	151,185	20,000	268,368
Hillsdale Irr. Dist.	0	41,146	0	41,146
N. S. Canal Co.	322,007	279,110	177,408	788,525
Idaho Power Co.	0	45,000	0	45,000
Gooding Project	0	400,000	0	400,000
Water Dist. No. 36	0	0	8,563	8,563
Total	847,000	1,266,407	433,593	2,547,000

The United States did not withhold any of the lease water in 1944. After the June rains had improved the water situation lease water was listed with the Government for re-sale, as follows:

Water District No. 36	8,563	acre-ft.
Twin Falls Canal Co.	20,000	"
Burley Irr. Dist.	25,000	"
Minidoka Irr. Dist.	20,000	"
Corbett Slough Ditch Co.	1,000	"
Total	74,563	"

Total rentals, all to upper valley users as shown on Plates 14 and 22, amounted to 62,665.68 acre-ft., of which 1,828 acre-ft. were to users on Henrys Fork. Water amounting to 45,655 acre-ft. was rented to lease holders @ 15¢ per acre-ft. and 17,010.68 acre-ft. to others @ 30¢ per acre-ft.

The allotment of Lake Walcott water was 96,630 acre-ft., the contents on July 4, when storage draft began. Only 1,680 acre-ft. of this had been withdrawn when the Minidoka Project ceased drawing storage on September 19. The Minidoka Project was also allotted 34,400 acre-ft. gain Neeley to Milner during the period of storage use by that project.

Yield of Market Lake Springs during period of storage use was 1,091 acre-ft. and was used in the Kennedy and Great Western Canals.

The American Falls reservoir loss of 15,987 acre-ft. was not distributed among the canals below it as they all had substantial hold-overs and the reservoir should fill by the spring of 1945.

Daily storage diversions and allotments for Snake River canals are shown on Plate 14. Use of American Falls water by Henrys Fork canals is shown on Plate 22.

A pool committee consisting of John Kelley, John Lee, Hyrum Severson, Eph Ricks, and N. V. Sharp was appointed at the annual meeting to approve the disposal of any stored water that might be available for rental. The Committee held several meetings early in the spring to consider applications to rent water and approved several small amounts. After the rains early in June enough water was available for rent so that the services of the Committee was no longer needed.

The 10% penalty charged on stored normal flow amounting to 896 acre-ft. remained unused in Jackson Lake at the close of the season.

As previously noted, there were about 110,000 acre-ft. used from American Falls reservoir during May by downstream canals, no charge for which was made in the tabulated figures after the reservoir again re-filled. This May reservoir draft was used approximately as follows:

Gooding Project	45,000 acre-ft.
Milner N. S. Project	29,000 "
Minidoka Project	24,000 "
Milner S. S. Project	7,000 "
Milner Low Lift	<u>5,000</u> "
Total	110,000 "

Total supply and disposal of stored water during the season was as follows:

Supply

Jackson Lake	847,000	acre-ft.
American Falls	1,700,000	"
Lake Walcott	96,630	"
Gain Neeley to Milner	47,984	"
Henrys Lake (less dead storage and loss)	79,413	"
Island Park	136,095	"
Grassy Lake	15,213	"
Sheridan Creek Right	1,238	"
Market Lake Springs	1,091	"
Total	2,924,664	"

Disposal

Used by Snake R. rights	1,695,421	acre-ft.
Used by Henrys Fork rights	135,271	"
Transmission Losses Snake R.	43,323	"
Transmission Losses Henrys Fk.	3,621	"
American Falls Res. Loss	15,987	"
Reservoir holdovers Sept. 30	1,027,260	"
Total	2,920,883	"

The slight difference between the total supply and disposal is due to using September 30 for reservoir holdovers without regard to time interval, and to the fact that part of the gain Neeley to Milner after September 21 was delivered as natural flow to canals at Milner.

The following table shows the storage used from Jackson Lake and American Falls reservoirs after July 4, 1944. In preparing this table canals below American Falls were charged 0.94% loss on all stored water drawn directly from that reservoir or exchanged from Jackson Lake, to cover a pro rata share of losses in American Falls Reservoir during the draw down period. Upper valley canals were all charged a loss of 7.26% from Moran to Shelley.

Storage Used from Jackson Lake and American Falls, 1944
Acre-feet

	<u>Jackson Lake</u>		<u>American Falls</u>	
	<u>at Reservoir</u>	<u>at Headgate</u>	<u>at Reservoir</u>	<u>at headgate</u>
Aberdeen Project	42,685	39,585	96,607	89,607
American Falls Dist. #2			234,122	231,926
Austin (Lyle)	155	144		81
Austin (Smith)			87	81
Blackfoot Irr. Co.			5,903	5,474
Burgess Canal Co.	5,120	4,748	19,644	18,218
Minidoka Project	325,810*	322,750	20,392	20,201
Butte & Market Lake			18,704	17,347
Corbett Slough			3,477	3,225
Dilts Irr. Co.			1,268	1,176
Enterprise Canal Co.	6,100	5,657	15,228	14,126
Enterprise Irr. Dist.			19,645	18,218
Farmers Friend	1,753	1,626		
Harrison Canal	5,000	4,637	23,078	21,401
Idaho Irr. Dist.			8,021	7,438
Idaho Power Co.			12,761	12,641
Klussman (Bear Island)			338	313
Lenroot Canal	3,000	2,782	5,274	4,892
Lowder Slough	1,040	964		
Martin Canal Co.	1,500	1,391	3,197	2,965
Milner Low Lift			26,500	26,251
New Sweden Dist.	5,000	4,637	47,621	44,163
No. Side Project	91,317*	90,459	380,880	377,303
Owners Mutual (Kennedy)	200	185		
Peoples Canal	8,000	7,419	34,456	31,959
Poplar Irr. Dist.	1,200	1,113	1,142	1,059
Progressive Irr. Dist.			16,105	14,935
Reid Canal			126	117
Rudy Canal	2,000	1,855	5,270	4,887
Snake R. Valley Irr. Dist.	15,000	13,910	32,193	29,853
Sunnydell	4,000	3,709		
Trego			2,565	2,379
Twin Falls Canal	27,550*	27,291	108,602	107,582
Utah-Idaho Sugar Co.			13,104	12,152
Woodville Canal			8,738	8,103
Rentals to Non-lease holders			16,128	14,958
Total	546,430	534,862	1,181,176	1,144,950

* Exchanged for American Falls lease water.

There were about 16,000 acre-ft. of Lake Walcott water in American Falls Reservoir on September 30, 1944. This is due Lake Walcott to replace water drawn from that Lake and delivered as American Falls storage at Milner after Minidoka Project storage use ceased on September 19.

RIVER LOSSES AND GAINS

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

Gain in Snake River, Moran to Heise Stations, 1944 (Heise dates and 24-hr. sec.-ft. except as noted.)						
Station	May	June	July	Aug.	Sept.	Season
Moran	27,536	124,990	140,530	175,110	72,723	540,889
Heise	246,960	483,200	349,610	270,050	157,960	1,507,780
Riley Ditch	138	369	718	510	116	1,851
Heise & Riley	247,098	483,569	350,328	270,560	158,076	1,509,631
Total gain s.f.	219,562	358,579	209,798	95,450	85,353	968,742
Mean gain s.f.	7,083	11,953	6,768	3,079	2,845	6,332
Tot. gain ac.ft.	435,495	711,231	416,128	189,323	169,295	1,921,472

The total gain was 54% of the gain for the same period in 1943 and was 87% of the gain in 1942. About 36% of the run-off at Heise during the 5 months' period was discharged past the Moran station, the balance being inflow between Moran and Heise.

Gain in Snake River, Heise to Shelley stations, 1944 (Heise dates and 24-hr. sec.-ft. except as noted.)						
Station	May	June	July	Aug.	Sept.	Season
Heise & Riley	247,098	483,569	350,328	270,560	158,076	1,509,631
Rexburg	75,190	93,974	39,569	37,410	42,514	288,657
Total Supply	322,288	577,543	389,897	307,970	200,590	1,798,288
Diversions	99,381	137,408	240,623	228,385	152,726	858,523
Shelley	219,640	456,820	166,050	98,100	75,640	1,016,250
Total Use	319,021	594,228	406,673	326,485	228,366	1,874,773
Total gain s.f.	-3,267	16,685	16,776	18,515	27,776	76,485
Mean gain s.f.	-105	556	541	597	926	500
Tot. gain ac.ft.	-6,480	33,095	33,275	36,723	55,093	151,706

The gain for the season was 73% of the gain in 1943. The July-Sept. gain averaged 688 sec.-ft. compared to 1,113 sec.-ft. during the same months a year ago. The canal diversions in this section in 1944 were 268,000 acre-ft. less than in 1943, hence the total return flow was less. The ground water levels at the close of the 1944 season in the area of tributary inflow must have been lower than on Sept. 30, 1943. The river was nearly dry at Lorenzo during much of Sept. and the low river stage permitted greater inflow from adjacent groundwater below that point during Sept. than would otherwise have occurred.

Gain or Loss in Snake River, Shelley to Clough Stations, 1944
+ is gain, - is loss

(Shelley dates and 24-hr. sec.-ft. except as noted)						
Station	May	June	July	Aug.	Sept.	Season
Shelley	215,640	456,120	172,610	98,740	76,570	1,019,680
Blackfoot R.	2,892	5,009	373	260	1,193	9,727
Total Supply	218,532	461,129	172,983	99,000	77,763	1,029,407
Diversions	65,445	67,086	101,746	79,008	56,616	369,901
Clough	138,710	371,420	61,396	18,502	22,824	612,852
Total Use	204,155	438,506	163,142	97,510	79,440	982,753
Tot.diff. s.f.	-14,377	-22,623	-9,841	-1,490	+1,677	-46,654
Mean diff. s.f.	-464	-754	-317	-48	+56	-240
Tot.diff. ac.ft.	-28,517	-44,872	-19,519	-2,955	+3,326	-92,537

The average loss in this section of 240 sec.-ft. for the season was considerably greater than the 67 sec.-ft. average loss in 1943. The canals wasted less water back into the river and there was less muddy river water to help seal the gravelly sections of the stream where losses occur.

Gain or Loss in Snake River, Clough to Neeley Stations, 1944
+ is gain, - is loss

(Neeley dates and 24-hr. sec.-ft. except as noted)						
Station	May	June	July	Aug.	Sept.	Season
Clough	137,165	367,215	71,348	18,256	23,314	617,298
Inflow	92,409	94,295	80,816	82,044	84,289	433,853
Res. Draft	53,790	-56,754	215,708	254,906	120,309	587,959
Total supply	283,364	404,756	367,872	355,206	227,912	1,639,110
Neeley	281,480	392,930	364,700	349,000	229,230	1,617,340
Tot.diff. s.f.	-1,884	-11,826	-3,172	-6,206	+1,318	-21,770
Mean diff. s.f.	-61	-394	-102	-200	+44	-143
Tot.diff. ac.ft.	-3,736	-23,456	-6,291	-12,310	+2,614	-43,179

The losses in this section, including the American Falls Reservoir, appear somewhat erratic during certain months, in comparison with records of previous years. This may be due in part to the shortage of hydrographers under the employment conditions existing in 1944. At times during the season it was only possible to make one or two water measurements per month at the measuring stations which was not enough to accurately define all the shifts in rating due to moss growth, etc. During the months of reservoir drawdown, July to Sept. inclusive, the computed loss amounted to 15,987 acre-feet or slightly less than 1% of the reservoir capacity. The holdover in American Falls Reservoir at the end of the 1944 season was considerably above normal so that the bank storage return would be less than in years of greater reservoir drawdown. The unusual loss in August may be due to the fact that no precipitation at all occurred during that month.

Gain or Loss in Snake River, Neeley to Minidoka Stations, 1944
+ is gain, - is loss

(Minidoka dates and 24-hr. sec.-ft. except as noted)						
Station	May	June	July	Aug.	Sept.	Season
Neeley	280,470	392,530	364,470	349,430	232,030	1,618,930
Walcott draft	- 993	71	424	918	8,273	8,693
Total supply	279,477	392,601	364,894	350,348	240,303	1,627,623
N. Minidoka	35,668	26,853	51,010	45,460	28,466	187,457
S. Minidoka	22,382	16,113	39,550	38,700	25,151	141,896
Minidoka	218,070	360,090	274,470	262,490	181,670	1,296,790
Total Use	276,120	403,056	365,030	346,650	235,287	1,626,143
Tot.diff. s.f.	-3,357	+10,455	+ 136	-3,698	-5,016	-1,480
Mean diff. s.f.	- 108	+ 348	+ 4	- 119	- 167	- 10
Tot.diff. ac.ft.	-6,658	+20,737	+ 270	-7,334	-9,949	-2,934

The gain during June was probably due to heavy precipitation that month which increased the inflow below Neeley and reduced the evaporation losses on Lake Walcott. The computed losses and gains in this section are such a small percentage of the stream flow that they are principally of statistical value rather than a measure of actual losses or gains. The total computed loss for the season, for example, was only about 0.1% of the river flow during the five months period, while the stream flow itself probably cannot be measured to a greater accuracy than 2%.

Gain in Snake River, Minidoka to Milner Stations, 1944
(Milner dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Minidoka	217,520	360,090	273,780	262,910	184,780	1,299,080
P. A.	1,414	1,715	1,879	1,870	1,668	8,546
Milner Low Lift	3,122	2,467	5,685	5,155	4,486	20,915
Gooding	51,820	58,780	74,780	74,330	62,220	321,930
No. Side	57,240	56,210	80,490	79,560	52,224	325,724
So. Side	80,500	74,840	106,720	109,800	81,080	452,940
Milner	30,042	186,631	6,704	2,590	3,870	229,837
Total use	224,138	380,643	276,258	273,305	205,548	1,359,892
Tot.gain s.f.	6,618	20,553	2,478	10,395	20,768	60,812
Mean gain s.f.	213	685	80	335	692	397
Tot. gain ac.ft.	13,127	40,766	4,915	20,618	41,192	120,618

The gain for the season was practically the same as in 1943. The large gain in June was doubtless due to the heavy rains and irrigation waste from the Minidoka project.

The overall gain from Neeley to Milner during period of storage draft was

July 5-31	4,500	acre-ft.
Aug.	13,284	"
Sept. 1-29	30,200	"
Total	47,984	"

Of the preceding gain 13,584 acre-ft. occurred after the Minidoka Project ceased using storage on September 19, leaving 34,400 acre-ft. of the gain to be allotted to the Minidoka Project during the period it was drawing stored water.

DISTRIBUTION ON HENRYS FORK

Mr. Melvin Luke, Deputy Watermaster at St. Anthony, was in immediate charge of distribution on Henrys Fork, Fall River, and lower Teton River. The run-off plus storage supplies was ample for all needs under the canals that could be supplied with reservoir water.

All of the reservoirs filled to capacity. The demand for water was not sufficiently great to draw Henrys Lake down low enough to make it possible to excavate a channel thru the natural dam that was washed into Henrys Lake outlet by Dry Creek Feeder Canal in 1943. The North Fork Reservoir Company proposes to do this at some future date whenever Henrys Lake is drawn down enough to fully uncover the filled in material. That company repaired the Henrys Lake outlet gates and the Dry Creek Feeder Canal in the fall of 1944.

Withdrawals from Grassy Lake during the season amounted to 8,800 acre-feet. About 1/2 of this was required to meet demands by canals on Fall River and the balance was released to lower the reservoir water level so that some repair work could be done, and was delivered to canals on Henrys Fork.

The segregation of flow at the outlet of Island Park reservoir was made on the same basis as in past years. The natural flow was credited with 30 sec.-ft. due to reservoir loss, from the time regulation began until the reservoir started to drop rapidly. The same amount of water was recovered from bank storage return for the reservoir rights later on during the period of reservoir drawdown. This procedure is based on

the results of measurements made prior to and during the first several years of reservoir operation. These indicated that the reservoir when full caused a loss of about 30 sec.-ft., but that this was compensated for by bank storage return when the reservoir was drawn down.

Rights on Henrys Fork and Fall River were regulated according to the Snake River schedule shown on page 12. The same schedule was also followed on Teton River except for Aug. 4 to Sept. 3 when rights on that stream were cut to June 1, 1885 priorities.

Three trips were made into the Island Park region during the regulation period for the purpose of regulating the rights. Some of the ditches were cut dry while others rented stored water. The amount of water used in this section is small and would hardly seem to justify the employment of a local deputy there, altho that would probably be necessary if continuous strict regulation is enforced.

Stored Water Allotments

Henrys Lake

Lake Contents July 6, 1944	82,413 acre-ft.
Est. dead storage and loss	<u>3,000</u> "
Allotted	79,413 "

Allotted as follows:

Dewey	1,112 acre-ft.
Last Chance	11,038 "
St. Anthony Union	5,400 "
Salem Union	19,218 "
Egin	5,400 "
Independent	21,283 "
Consolidated Farmers	<u>15,962</u> "
	79,413 "

After the season was over the actual loss in the Lake was calculated to be 2,517 acre-ft. during the period of storage draft July 10 to September 1.

Fremont-Madison District Storage Allotment

Island Park Reservoir

Contents June 29	136,095 acre-feet
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Grassy Lake

Contents June 29	15,213 acre-feet
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<u>Yield of Sheridan Creek decree</u>	<u>1,238 acre-feet</u>
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Total	152,546 acre-feet
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The allotments and deliveries to individual canals are shown on Plates 22 and 23. The Fremont-Madison District allotted its storage water as follows in 1944:

To original District lands	109,399 acre-feet
Enterprise Irr. Dist.	10,000 "
Canyon Creek Irr. Dist.	1,200 "
Teton Basin annexation	7,412 "
Ed Hill Annexation	100 "
Rented to Island Park users	660 "
Rented to Teton Basin users	603 "
Rented to City of Rexburg	300 "
Rented to Bell Ditch	<u>40 "</u>
Total	129,714 "

The balance of its storage supply was not disposed of and remained unallotted in the reservoirs at the close of the season.

The lands under the Fremont-Madison District which exhausted their original allotments were granted a supplemental allotment by the District, where necessary, up to their pro-rata share of the unallocated District water (equal to 15% increase in original allotment). The figures in the preceding tabulation include the supplemental allotment.

In addition to the allotments of Henrys Fork storage water, there were 23,566 acre-ft. of American Falls water allotted to Henrys Fork canals, of which 21,738 acre-ft. went to the Enterprise Irrigation District and 1,828 acre-ft. was rented to users under the Farmers Friend and Twin Groves canals.

Rentals by the Fremont-Madison District to Teton Basin users when Teton River was being regulated on the Snake River schedule were @ 30¢ per acre-ft. to meet the rental price of American Falls water. Other rentals by the District were at 85¢ per acre-ft.

The segregation of flow at the various measuring stations between Henrys Lake and Rexburg is shown on Plate 21. The retention of Snake River water by Henrys Fork users appears on this tabulation as a minus storage quantity at the Rexburg station. The total for the season amounted to 10,937 sec.-ft. or 21,693 acre-ft. The Enterprise Irrigation District diverted 18,218 acre-ft. of American Falls storage and the Farmers Friend and Twin Groves canals diverted 1,695 acre-ft. or a total of 19,913 acre-ft. This indicates that 1,780 acre-ft., Rexburg measurement, or 1,825 acre-ft. at Island Park Reservoir, was due American Falls Reservoir from Island Park at the close of the 1944 season.

Storage used by canals on Henrys Fork and tributaries is shown on Plates 22 and 23. Owing to interchange of storage between upper and lower users on Teton River the total storage use on Teton River can best be obtained by adding the Cross Cut Canal storage diversions below Fall River Canal system as shown on Plate 22 to the total storage diversions from natural flow of Teton River as shown on Plate 23.

The following tabulation shows diversions by canals in the Henrys Fork area:

Diversions during 1944 irrigation season on
 Henrys Fork, Fall River, and Lower Teton River.

Canal	Diversions (acre-ft.)	Irrigated Area (acres)	Acre-ft. per acre
<u>Fall River Canals</u>			
Yellowstone	405	1,000	0.4
Marysville	20,800	15,000	1.4
Farmers Own	6,450	4,500	1.4
Enterprise	32,580	5,850	5.6
Bell	781	160	4.9
Fall River	82,800 (a)	8,000	10.3
McBee	250	100	2.5
Chester	7,500	1,350	5.6
Silkey	2,900	520	5.6
Cur	7,210	1,500	4.8
Total Fall River	161,676	37,980	4.3
<u>Henrys Fork Canals</u>			
Dewey	3,240	1,000	3.2
Last Chance	14,500	1,840	7.9
St. Anthony Union	117,400	10,000	11.7
Farmers Friend	24,500	2,900	8.4
Twin Groves	29,080	2,500	11.6
Salem Union	45,300	5,300	8.5
Egin	72,600	6,000	12.1
Union Feeder	17,020	2,000	8.5
Independent	63,410	7,000	9.1
Consolidated Farmers	46,000	6,000	7.7
Total Henrys Fork	433,050	44,540	9.7
<u>Lower Teton Canals</u>			
Siddoway	1,840	500	3.7
Wilford	28,200	1,800	15.7
Teton Irrigation	15,800	2,000	7.9
Good Luck	2,930	340	8.6
Pioneer	3,140	400	7.8
Stewart	2,990	366	8.2
Pincock-Byington	1,100	320	3.4
Pincock-Garner	3,680	400	9.2
Teton Island feeder	78,080	10,400	7.5
North Salem	1,610	400	4.0
Roxana	2,960 (b)	720	4.1
Island Ward	10,340	3,000	3.4
Woodmansee-Johnson	3,360 (c)	1,000	3.4
City of Rexburg	7,090	1,200	5.9
Rexburg Irrigation	44,100	5,280	8.4
McCormick Rowe	303	150	2.0
Saurey Sommers	2,330	600	3.9

Canal	Diversions (acre-ft.)	Irrigated Area (acres)	Acre-ft. per acre
Lower Teton Canals - cont'd			
Gardner	599	140	4.3
Eames-Thompson	63	20	3.1
Total Lower Teton R.	210,515	29,036	7.2
Total Fall River, Henrys Fork, and Lower Teton River	805,241	111,556	7.2

(a) Includes Fall River Canal water diverted from Henrys Fork thru Cross Cut.

(b) Also receives Consolidated Farmers water from Henrys Fork.

(c) Also uses some Moody Creek water and waste from Teton Irrigation Canal.

Stored water used on Henrys Fork and tributaries amounted to 135,271 acre-ft. or about 17% of total diversions compared to about 6% in 1943.

Enough records were secured of diversions by some of the larger canals on the headwaters so that seasonal diversions could be computed of some canals not included in the preceding tabulation.

Canal	Diversions May to Sept. (acre-ft.)	Area Irrigated (acres)	Acre-ft. per acre
String Canal	7,530	2,000	3.8
Trail Creek Irrig. Co.	26,900	4,500	6.0
Fox Creek Irrig. Co.	12,400	3,635	3.4
Grand Teton Canal Co.	32,600	6,500	5.0
Canyon Creek Canal	3,160	2,500	1.3
Conant Creek Canal	2,940	700	4.2

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 "
Warm River to Ashton	5 "
Ashton to St. Anthony	5 "
St. Anthony to Rexburg	12 "
Squirrel to Chester	8 "
Tetonia to St. Anthony	10 "

Gain in Henrys Fork, Lake to Island Park Stations, 1944

(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	1,685	2,660	7,950	6,654	345	19,294
I. P. release	899	-204	7,133	28,482	6,574	42,884
Total Supply	2,584	2,456	15,083	35,136	6,919	62,178
Island Park	29,303	25,072	29,477	49,630	22,909	156,391
Total gain s.f.	26,719	22,616	14,394	14,494	15,990	94,213
Mean gain s.f.	862	754	464	468	533	616
Tot. gain ac.-ft.	52,996	44,858	28,550	28,749	31,716	186,869

The gain was about 30,000 acre-ft. less than in 1943 due to less snow runoff in May and June.

Gain in Henrys Fork, Island Park to Warm River Stations, 1944

(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	29,484	24,988	29,088	49,725	23,590	156,875
Warm River	47,090	39,920	41,460	61,110	33,502	223,082
Tot. gain s.f.	17,606	14,932	12,372	11,385	9,912	66,207
Mean gain s.f.	568	498	399	367	330	433
Tot. gain ac.-ft.	34,921	29,618	24,540	22,582	19,660	131,321

The gain for the period was about 17,000 acre-ft. less than a year ago. It was less each month except June when 7.74" of rain fell at Island Park dam and no doubt produced some local runoff.

Gain in Henrys Fork, Warm River to Ashton stations, 1944

(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	47,200	39,895	41,333	61,146	33,693	223,267
Ashton	61,980	57,830	54,060	70,550	43,180	287,600
Tot. gain s.f.	14,780	17,935	12,727	9,404	9,487	64,333
Mean gain s.f.	477	598	411	303	316	420
Tot. gain ac.-ft.	29,316	35,574	25,244	18,652	18,817	127,603

The gain in this section was 60,000 acre-ft. less than for the same period in 1943. This represents decreased runoff from Warm River and Robinson Creek.

Gain in Fall River, Squirrel to Chester stations, 1944

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Squirrel	44,572	52,276	22,935	13,757	13,672	147,212
Diversions	8,666	14,446	17,060	12,598	8,832	61,602
Chester	42,601	44,259	7,150	1,040	4,844	99,894
Tot. acct. for	51,267	58,705	24,210	13,638	13,676	161,496
Tot. gain s. f.	6,695	6,429	1,275	- 119	4	14,284
Mean gain s. f.	216	214	41	- 4	0	93
Tot. gain ac.-ft.	13,280	12,752	2,528	- 236	8	28,332

The gain for the season was 20,000 acre-ft. less than in 1943. There was practically no gain or loss during August and September.

Gain in Henrys Fork, Ashton to St. Anthony stations, 1944

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Ashton	62,084	57,797	53,976	70,596	43,357	287,810
Chester	42,509	44,398	7,301	1,050	4,809	100,067
Total Supply	104,593	102,195	61,277	71,646	48,166	387,877
Diversions	29,424	26,905	28,008	32,152	14,578	131,067
St. Anthony	76,980	77,777	32,755	41,190	35,233	263,935
Total Use	106,404	104,682	60,763	73,342	49,811	395,002
Total gain s. f.	1,811	2,487	- 514	1,696	1,645	7,125
Mean gain s. f.	58	83	- 17	55	55	47
Tot. gain ac.-ft.	3,592	4,933	-1,020	3,363	3,262	14,130

The gain was 8,000 acre-ft. less than in 1943.

Gain in Teton River, Tetonia to St. Anthony Stations, 1944

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Tetonia	9,567	25,403	19,896	12,386	9,749	77,001
Inflow from CrossCut	0	0	0	3,501	0	3,501
Total Supply	9,567	25,403	19,896	15,887	9,749	80,502
St. Anthony	33,651	52,730	34,008	23,271	17,103	160,763
Tot. gain s. f.	24,084	27,327	14,112	7,384	7,354	80,261
Mean gain s. f.	777	911	455	238	245	525
Tot. gain ac.-ft.	47,770	54,203	27,991	14,646	14,586	159,196

Approximately 50% of the runoff at St. Anthony station during the period came from inflow below the Teton station.

Gain in Henrys Fork and Teton River, St. Anthony
to Rexburg stations, 1944

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
St. Anthony	76,980	77,777	32,755	41,190	35,233	263,935
Teton River	33,651	52,730	34,008	23,271	17,103	160,763
Total Supply	110,631	130,507	66,763	64,461	52,336	424,698
H. Fk. diversions	24,839	21,095	22,178	21,218	11,009	100,339
Teton diversions	16,222	25,948	26,115	22,990	14,529	105,804
Rexburg	74,855	94,714	38,499	37,495	42,639	288,202
Total Use	115,916	141,757	86,792	81,703	68,177	494,345
Tot. gain s. f.	5,285	11,250	20,029	17,242	15,841	69,647
Mean gain s. f.	170	375	646	556	528	455
Tot. gain ac.-ft.	10,482	22,314	39,727	34,199	31,420	138,142

The gain for the season was 12,000 acre-ft. less than in 1943.

The Teton River canals diverted all the water in that stream from Aug. 3 to Sept. 3, but during the balance of the season some water spilled past the lowest canal diversion on Teton River into Henrys Fork.

TETON BASIN

Mr. A. H. Bush served as deputy watermaster in Teton Basin from May 29 to August 11, when he had to leave to resume his regular work as school principal. From August 12 to 19 Mr. Oleen Dummer acted as deputy. After August 19 the work of water distribution on Trail Creek was handled by James Ingram and on Teton Creek by Claude Dalley. The flow after that date on other Teton Basin streams was so low that the users divided it among themselves without calling on the watermaster for help.

The lower users on Teton River notified the watermaster on Nov. 23, 1943, that they would no longer continue their previous agreement permitting Teton Basin users to divert two acre-ft. for each acre-ft. of

stored water delivered to lower users. The Teton Basin users were advised by the watermaster of this action and a meeting was held at Rexburg on March 29, 1944, to discuss the situation. At this meeting the representatives of both upper and lower users agreed that the basis of exchange be fixed at 1.75 acre-ft. in Teton basin for each acre-foot of stored water delivered by the upper users to the lower users on Teton River at the mouth of the Cross Cut canal; that this agreement be in effect for four years during which time the Reclamation Department would make additional measurements of losses at times when it would not interfere too greatly with irrigation requirements, and when both parties may agree to said measurements, tentatively during June and September of each year.

Due to heavy rains during June 1944 there was very little water being used in Teton Basin and no one made any attempt to arrange a date for measurements of losses that month as mentioned in the above agreement, but on July 14, 1944, some of the lower users requested that the proposed measurements be made as quickly as possible. By that time the stream flow in the creeks had dropped below the needs of the canals and the condition of the crops was such that the upper users felt that serious damage would result if the water was shut off and turned down the creeks for a long enough period to make loss measurements. They were willing, however, to shut the water off for three days early in September and arrangements were made to do so and have loss measurements made by the State Department of Reclamation. The lower users thereupon notified the watermaster on September 2 that since no measurements of losses were made in June they were not in favor of making any in September of this year and that hereafter measurements must be made

between June 1-10 and September 1-10 of each year.

Allowing for transmission losses the delivery of one acre-foot of stored water to lower Teton users for each 1.75 acre-ft. diverted in Teton Basin means that the users in Teton Basin can divert 1.53 acre-ft. for each acre-ft. owned or rented in the Island Park Reservoir during the time that the Cross Cut Canal is in use and 1.7 acre-ft. for each acre-ft. owned or rented during the period when their water is being carried down Henrys Fork to supply prior rights on Snake River. In the latter instance the Cross Cut Canal which loses 10% is not required to deliver the water.

Most of the Teton Basin landowners who have been renting storage in past years petitioned to be annexed to the Fremont-Madison Irrigation District and subscribed to 7,412 acre-ft. of stored water belonging to that District.

Diversions by Teton Basin canals, allotments and use of stored water, etc., are shown on Plates 23-24. Prior to August 4 the stored water used in Teton Basin went to supply prior rights on Snake River. From August 4-9 it went partly to Snake River rights after first being used to fill the lower Teton rights to the Snake River schedule, and after August 9 all went to lower Teton rights.

Regulation on Teton Creek was made under the Wyoming Federal decree by Messrs. Bush and Dummer for Idaho and Ross T. Wilson for Wyoming until August 18, 1944, after which date Claude Dalley was appointed as Idaho deputy for such late season regulation as might prove necessary.

The grand Teton Canal is in Idaho, the others are in Wyoming.

Teton Creek Regulation 1944
(sec.-ft.)

Canals	<u>July 31</u>		<u>Aug. 4</u>	
	<u>Before Reg.</u>	<u>After Reg.</u>	<u>Before Reg.</u>	<u>After Reg.</u>
Waddel	8.3	7.2	9.3	4.1
Central	11.1	10.8	8.4	6.1
Brown C. et al	30.8	30.8	21.2	22.8*
South Side	27.7	23.1	18.9	10.4
Grand Teton	<u>47.6</u>	<u>53.8</u>	<u>28.7</u>	<u>43.4</u>
Total	125.5	125.7	86.5	86.8

* includes 3.7 for Christensen.

	<u>Aug. 8</u>		<u>Aug. 11</u>	
Waddel	4.2	3.4	3.4	3.4
Central	8.8	5.2	7.5	7.5
Brown C. et al	15.2	14.4	10.3	10.3
South Side	10.2	15.1	12.5	12.5
Grand Teton	<u>37.5</u>	<u>37.2</u>	<u>30.</u>	<u>30.</u>
Total	75.9	75.3	63.7	63.7

	<u>Aug. 15</u>		<u>Aug. 18</u>	
Waddel	2.4	2.6	1.9	2.1
Central	5.7	3.8	4.2	3.2
Brown C. et al	9.0	10.7	11.3	8.2
South Side	12.7	10.3	8.0	9.2
Grand Teton	<u>25.0</u>	<u>27.4</u>	<u>19.8</u>	<u>22.5</u>
Total	54.8	54.8	45.2	45.2

Records of the flow of streams and canals in Teton basin on which frequent measurements were made are shown on plate 24. The results of various additional miscellaneous measurements are shown below.

Discharge in Sec.-ft. of
West Side Creeks in Teton Basin, 1944
(above diversions except as otherwise noted)

	<u>June 2</u>	<u>June 8</u>	<u>June 14</u>	<u>June 19</u>	<u>June 30</u>	<u>Aug. 17</u>
Packsaddle Creek	20.0					5.8
Dude Creek	0					0
Horseshoe Creek	19.2					8.5
Twin Cr. (North, Middle, South)					2.5	.3
Mahogany Creek	21.3	24.8		16.5		7.4

Disch. in sec.-ft. of West Side Creeks in Teton Basin, 1944 - cont'd.

<u>Creek</u>	<u>June 2</u>	<u>June 8</u>	<u>June 14</u>	<u>June 19</u>	<u>June 30</u>	<u>Aug. 17</u>
Paradise Cr.					2.8	3.0
Bouquet Cr.					1.6	1.5
Unnamed creek					.1	.4
Grove Creek			2.0		1.5	1.0
Warm Springs Cr.			1.3		1.3	1.5
Drake Creek					1.5	1.2
Johns Creek			2.0			1.5
Deep Creek			1.0			.5
Little Pine Cr.			15.2			.2
Warm Cr. at highway			8.0			5.5
Patterson Creek					2.1	2.0

Carrington-Dustin ditch from Mahogany Creek at road nr. Bates Church, June 9, disch. 3.64 sec.-ft.

Carrington ditch at his fence in meadow, June 9, disch. 1.52 sec.-ft.

Carrington ditch, June 19, disch. 1.5 sec.-ft. (est.)

On June 19 Bates diversion to Sec. 7 was cut from 3 sec.-ft. to 1 sec.-ft., at request of Mr. Carrington.

Transit Loss on Teton Creek

June 29, 1944

Discharge at bridge 3/4 mile E. of state line 425 sec.-ft.

Diversions:

Grand Teton Canal	232 sec.-ft.
Central Canal	5.0 "
Price-Fairbanks	8.3 "
Total diversions	245.3 "

Creek Flow 1/2 mile E. of Driggs

East Channel	69.7 sec.-ft.
Middle channel	36.5 "
West channel	16.5 "
Total	122.7 "

Total accounted for 368 sec.-ft.

LOSS 57 sec.-ft.

Some flooding was occurring at time of above measurements.

Transit Loss in Darby Creek

July 3, 1944

Darby Creek 50' upstream from Cherry Grove Canal			74.9 sec.-ft.
Diversions: Cherry Grove Canal	35.3 sec.-ft.		
Cross Cut Canal	<u>18.4 sec.-ft.</u>		
Total	53.7	"	<u>53.7 sec.-ft.</u>
LOSS			21.2 sec.-ft.

The water had all disappeared at a point 200 feet west of the highway. The discharge at a point 1/4 mile east of the highway was 5.7 sec.-ft.

DISTRIBUTION IN SWAN VALLEY SECTION

Mr. Lloyd Brown served as deputy watermaster in this area. He also acted as watermaster on several canals and \$1.50 per day of his pay was charged to the waterusers under such canals in addition to their share of the regular water distribution expense. The Swan Valley users with rights of late priority rented 2,259 acre-ft. of American Falls storage from water turned back to the Government for resale and were permitted to divert twice this quantity, less transmission losses, on the theory that at least half of the diverted water would return to the stream in time to be used further downstream.

PRECIPITATION IN INCHES

(Actual and normal for year ending Sept. 30, 1944)

Month	<u>Grassy L. Wyo.</u>		<u>Moran, Wyo.</u>		<u>Jackson, Wyo.</u>		<u>Afton, 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.	4.56	2.67	1.76	1.58	1.75	1.54	2.45	1.64	2.43	1.22
Nov.	2.25	5.01	0.85	1.69	0.12	1.16	0.73	1.88	1.27	1.00
Dec.	3.20	7.27	0.81	1.76	.38	1.40	.95	1.30	.35	1.17
Jan.	3.25	4.92	1.03	2.42	.57	1.65	1.12	1.50	.63	1.47
Feb.	5.60	4.98	1.34	2.27	1.01	1.65	1.05	1.42	1.10	1.13
Mar.	4.15	4.34	2.05	2.18	1.56	1.39	1.36	1.64	1.33	1.12

precipitation in inches - cont'd.

Month	Grassy L. Wyo.		Moran, Wyo.		Jackson, Wyo.		Afton, Wyo.		Irwin, Ida.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Apr.	1.85	2.88	1.14	1.82	.83	1.39	1.61	1.44	1.15	1.05
May	4.36	4.20	3.10	1.71	2.23	1.75	2.16	1.92	3.07	1.60
June	8.25	4.62	3.93	1.75	3.53	1.13	4.76	1.37	6.44	1.32
July	.75	.98	.88	1.24	.41	.97	.19	1.18	.85	.98
Aug.	.05	1.12	.00	1.27	.00	1.32	.00	1.18	.00	.84
Sept.	2.42	1.92	1.46	1.73	.84	1.57	.81	1.45	.96	1.16
year	40.69	44.91	18.35	21.42	13.23	16.92	17.19	17.92	19.58	14.06

Month	Ashton		Idaho Falls		Pocatello		Twin Falls		Av. 9 Stas.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	1.66	1.20	1.19	1.06	1.43	1.68	1.99	.90	2.14	1.50
Nov.	.90	1.19	.39	.61	.42	1.03	.34	1.08	.81	1.63
Dec.	.76	1.56	.28	.97	.37	1.15	.60	.89	.86	1.94
Jan.	.98	1.90	.41	1.35	.44	1.34	.81	1.14	1.03	1.96
Feb.	1.32	1.49	.52	.99	.78	1.24	.52	.89	1.47	1.78
Mar.	.73	1.22	.01	1.11	.52	1.28	.11	.86	1.31	1.68
Apr.	.53	1.18	.49	.96	1.56	1.47	3.58	1.06	1.41	1.47
May	1.57	1.72	1.88	1.24	1.31	1.73	.60	1.02	2.25	1.87
June	6.36	1.48	4.15	1.13	3.39	1.09	3.54	.73	4.92	1.62
July	1.25	.95	.30	.63	1.11	.77	.14	.36	.65	.90
Aug.	.26	.77	.00	.59	.00	.50	.04	.23	.04	.87
Sept.	1.18	1.10	.59	.82	.25	.74	.56	.56	1.01	1.23
Year	17.50	15.76	10.21	11.46	11.58	14.02	12.83	9.72	17.90	18.45

June was the month of greatest precipitation at all measuring stations, ranging from 480% of normal at Irwin and Twin Falls to 180% of normal at Grassy Lake, and averaging 300% of normal at the 9 stations. There must have been large areas in the high drainage region where from 6" to 8" of precipitation fell during June. The grass on the desert from Idaho Falls west to Minidoka was the best it has been for many years and water remained in ponds and desert lakes until late in July. No precipitation at all occurred in August at most points.

Temperatures during 1944 were noticeably below normal. At Idaho Falls, for example, temperatures were below normal every month, except

May, from January thru September, averaging about 3° below normal during the principal growing months of June to August, inclusive. This cool weather probably reduced the amount of water required by the crops, and had a distinctly detrimental effect on the growth of such garden crops as tomatoes, cucumbers, squash, etc., in the upper valley.

EXPENDITURES DURING YEAR ENDING DECEMBER 31, 1944

Engineers and Hydrographers

Lynn Crandall	Salary 11 months	\$5342.48
Henry C. Eagle	" 1 year	3853.26
Melvin Luke	" 5 months @ \$220.00	1100.00
Oleen Dummer	" 3.53 " @ \$180.00	635.22
Ray M. Berry	" 1.42 " @ \$180.00	255.49
A. H. Bush	" 2.46 " @ \$180.00	441.28

Clerk

Charlotte M. Elg	Salary 1 year	2116.80
------------------	---------------	---------

River Riders

D. W. Archibald	70 days @ \$7.50 incl. mileage	525.00
D. R. Crystal	119 " @ \$6.50 " "	773.50
D. W. Dick	51 " @ \$7.50 " "	382.50
Eugene Liljenquist	117 " @ \$6.00 " "	702.00
H. M. Bramwell	119 " @ \$6.50 " "	773.50
Lloyd Brown	95 " @ \$7.50 " "	712.50
Joe Bohi	70 " @ \$6.50 " "	455.00
Walter C. Lenz	2.28 mo. @ \$60 mo. " "	136.77
James Ingram	17 days @ \$2.00 " "	34.00
George Weeks	16 " @ \$5.00 " "	80.00
F. S. Thomas	2 " @ \$7.50 " "	15.00

Miscellaneous

Transportation, 37,294 miles @ 5¢ a mile	1864.70
Telephone and Telegraph	372.20
Supplies and Equipment	666.24
Gage Readers	688.73
Bond Premium and Insurance	128.55
Miscellaneous	509.41

Total	\$22,564.13
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Expenditures from various funds

Water-users funds	\$13,155.12
State of Idaho Stream Gaging fund	1,324.40
U. S. Geological Survey	<u>8,084.61</u>
Total	\$22,564.13

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$312.40 for services @ \$5.00 per day and expenses, which was pro-rated among upper valley canals.

Funds on hand January 1, 1945

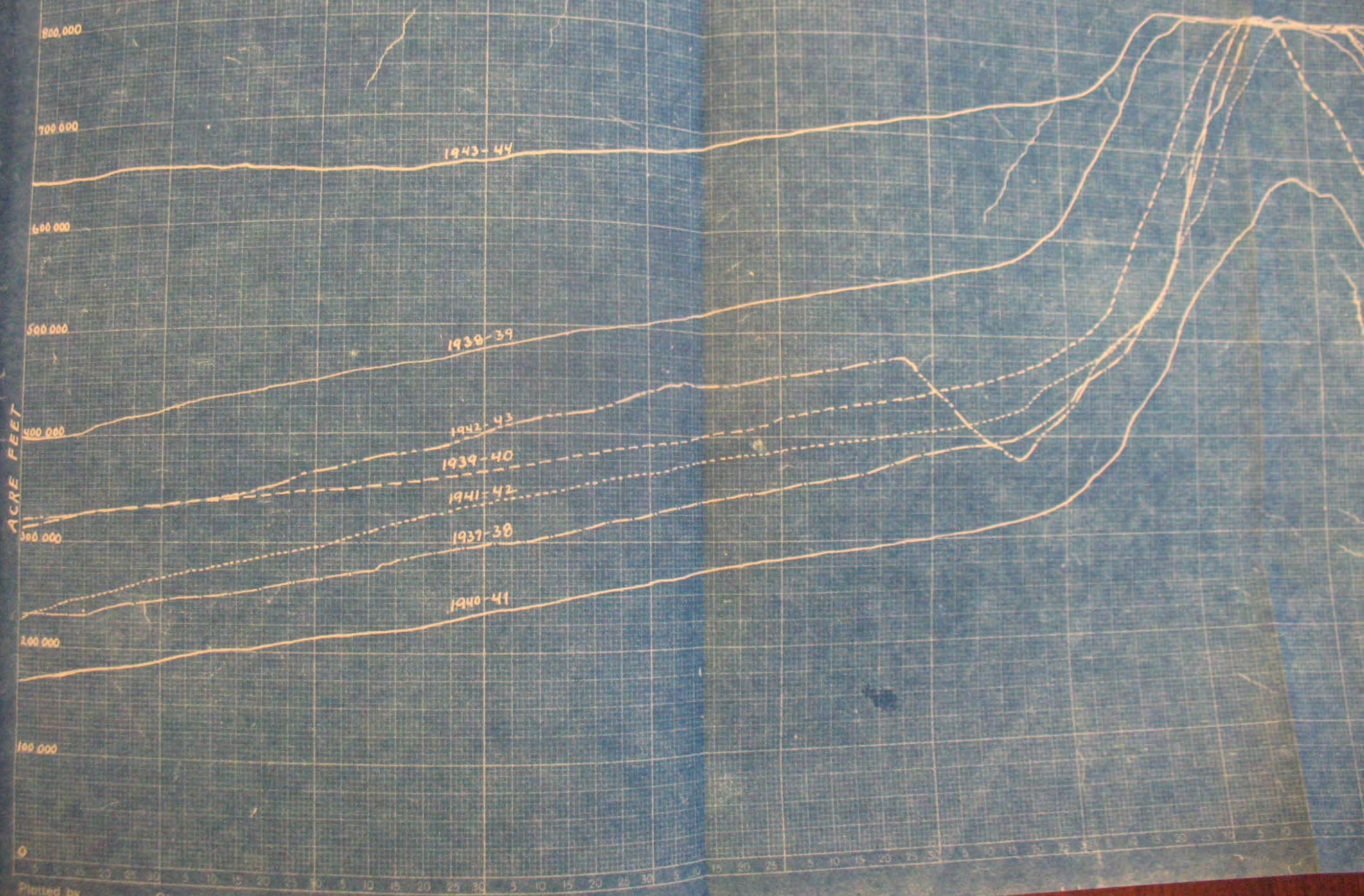
District 36 Water distribution fund	\$10,009.97
State of Idaho stream gaging fund	1,100.00
U. S. Geological Survey	<u>2,686.71</u>
Total	\$13,796.68

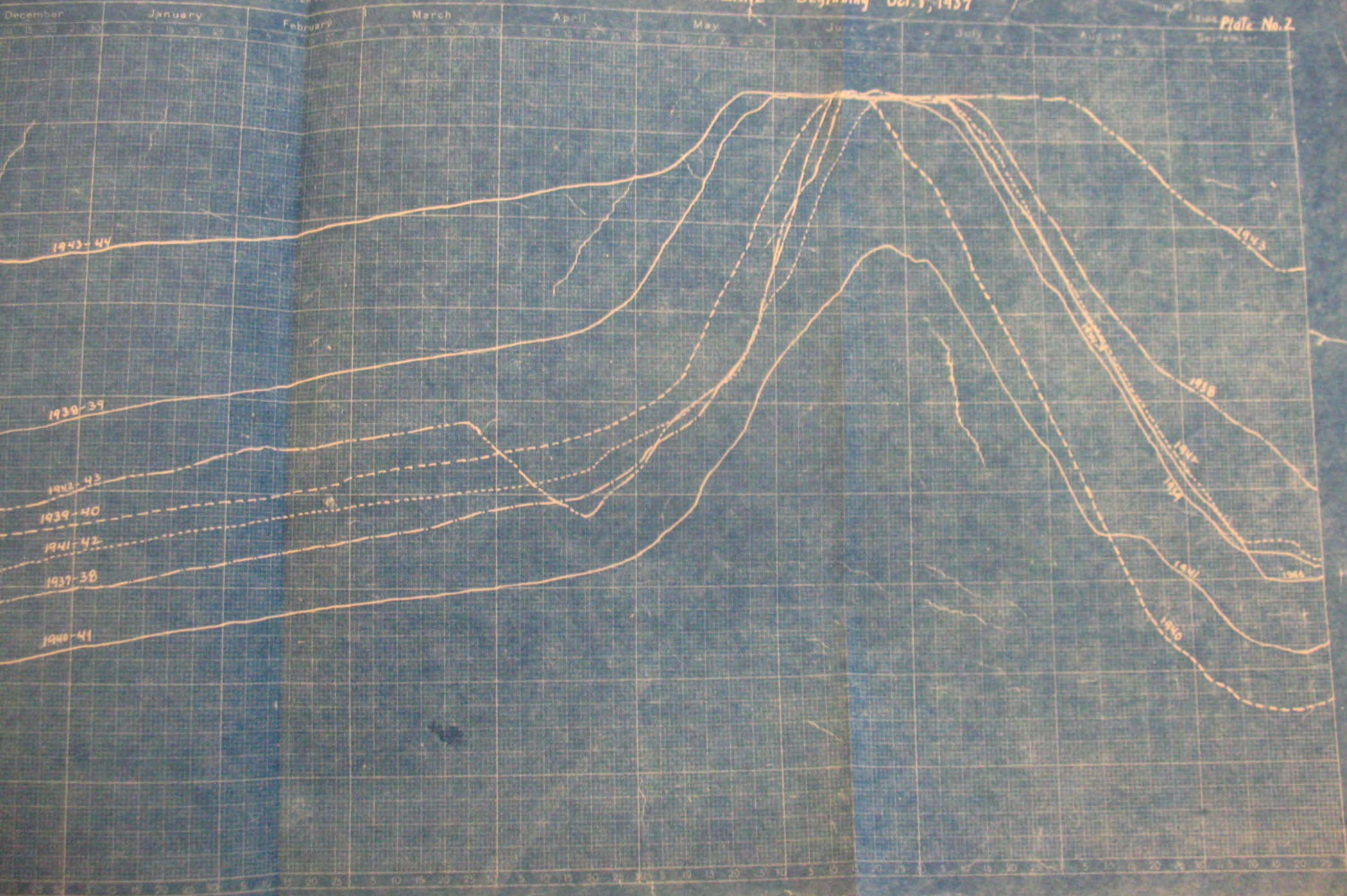
MAP SHOWING PRINCIPAL STREAMS AND GAGING STATIONS



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 NEELEY
- 8 LAKE WALCOTT NR. MINIDOKA
- 9 NO. SIDE CANAL NR. MINIDOKA
- 10 SNAKE RIVER NR. MINIDOKA
- 11 P.A. LATERAL NR. MINIDOKA
- 12 GOODING CANAL AT MILNER
- 13 NO. SIDE CANAL AT MILNER
- 14 S.O. SIDE CANAL AT MILNER
- 15 MILNER LOW LIFT CANAL AT MILNER
- 16 SNAKE RIVER AT MILNER
- 17 HENRY'S LAKE NR. LAKE
- 18 HENRY'S FORK NR. LAKE
- 19 ISLAND PARK RES. NR. ISLAND PARK
- 20 HENRY'S FORK NR. ISLAND PARK
- 21 HENRY'S FORK NR. WARM RIVER
- 22 HENRY'S FORK NR. ASHTON
- 23 GRASSY LAKE NR. MORAN
- 24 FALL RIVER NR. SQUIRREL
- 25 FALL RIVER NR. CHESTER
- 26 HENRY'S FORK AT ST. ANTHONY
- 27 TETON RIVER NR. TETONIA
- 28 TETON RIVER NR. ST. ANTHONY
- 29 HENRY'S FORK NR. REXBURG
- 30 BLACKFOOT RIVER NR. BLACKFOOT





6-2795 Rev. 1916

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES BRANCH

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR Beginning Oct 1, 1937



Plotted by _____ Checked by _____ Date _____

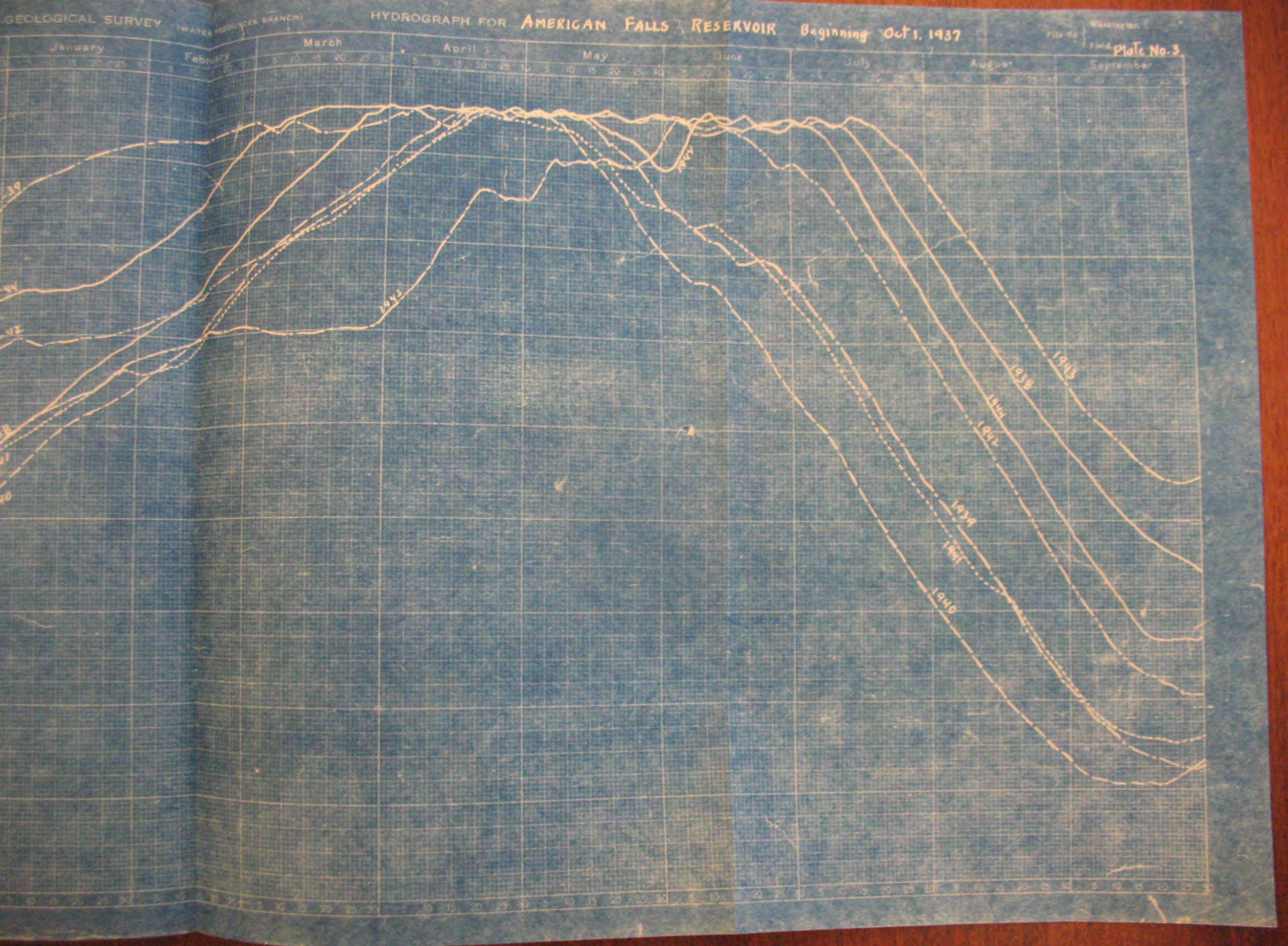
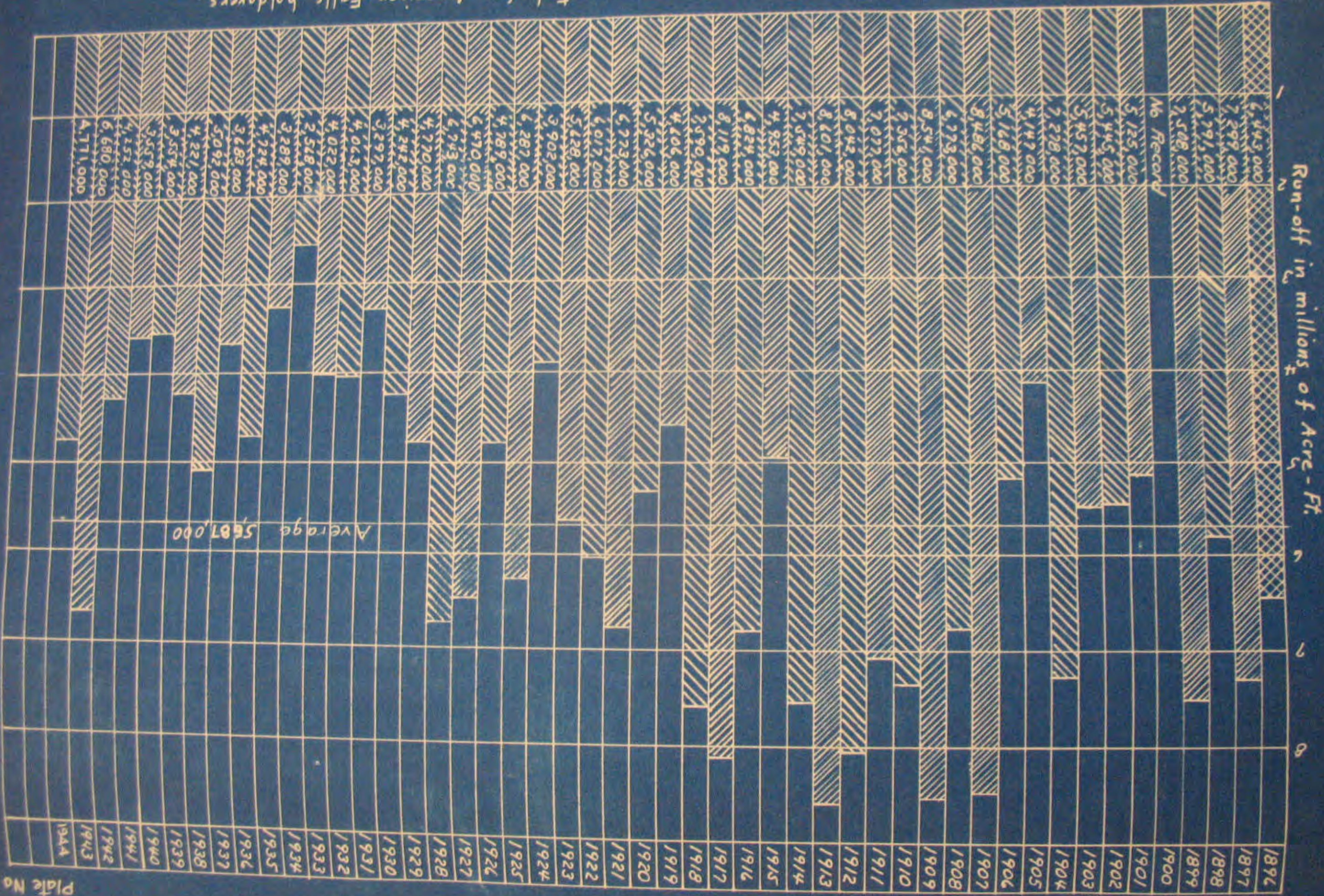


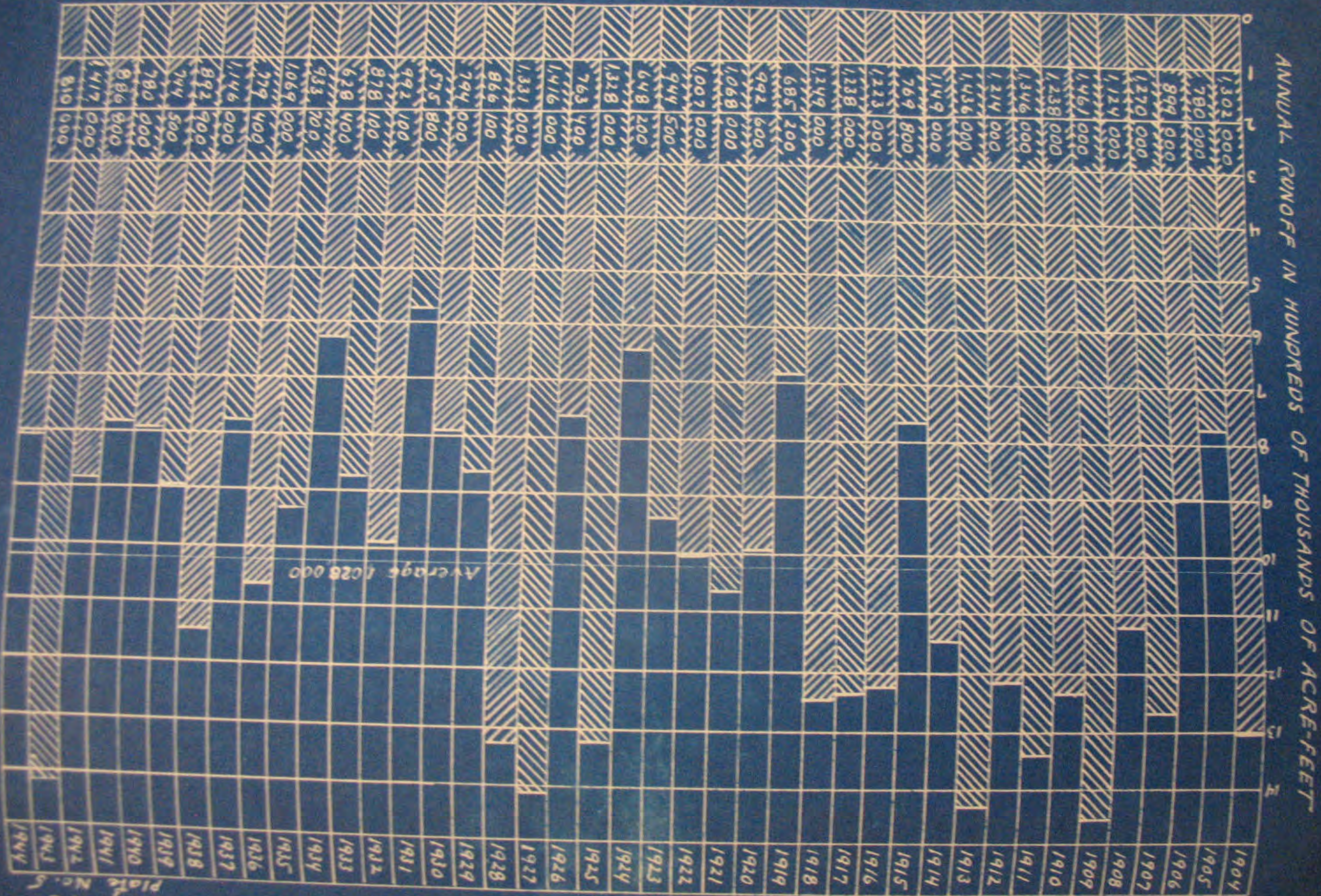
DIAGRAM SHOWING ANNUAL RUNOFF OF SNAKE RIVER AT NEELEY, IDAHO
(Montgomery Ferry prior to 1907)

Plate No. 4



Totals are for year ending Sept. 30 and are collected for American Falls holders.

Diagram showing total annual runoff in acre-feet of Snake River at Moran, Wyo.
 Plate No. 5



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

Snake River Canals

DAILY DISCHARGE IN SECOND-FEET

CANAL		OCTOBER 1943	
1	ANDERSON	190	188
2	EAGLE ROCK	199	224
3	FARMERS FRIEND	256	262
4	ENTERPRISE	74	78
5	STEELE	5	5
6	HARRISON	295	290
7	CHENEY	0	1
8	BOOMER	96	97
9	RUDY	18	21
10	KITE & NORD	3	3
11	BURGESS	620	500
12	CLARK & EDWARDS	48	50
13	RIGBY	112	114
14	PARKS & LEWISVILLE	200	204
15	NORTH RIGBY	32	34
16	OSGOOD	25	25
17	IDAHO	398	395
18	GREAT WESTERN	235	239
19	PORTER	130	119
20	WOODVILLE	42	41
21	SNAKE RIVER VALLEY	326	292
22	RESERVATION	320	338
23	TOTAL	28	29
24		25	26
25		25	26
26		27	28
27		27	28
28		27	28
29		27	28
30		27	28
31		27	28

PLATE NO. 58

CANAL		NOVEMBER 1943	
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	
ANDERSON	178	164	161
EAGLE ROCK	44	44	43
FARMERS FRIEND	142	142	142
ENTERPRISE	35	35	36
STEELE	1	1	1
HARRISON	67	68	68
CHENEY			
BOOMER	27	27	24
RUDY	3	2	2
KITE & NORD			
BURGESS	302	302	244
CLARK & EDWARDS	46	46	43
RIGBY	66	65	62
PARKS & LEWISVILLE	132	132	128
NORTH RIGBY	9	9	9
OSGOOD	13	9	15
IDAHO	142	144	119
GREAT WESTERN	70	100	88
PORTER	72	72	72
WOODVILLE	22	22	22
SNAKE RIVER VALLEY	95	95	95
RESERVATION	1	1	1
TOTAL	2,521	420	1,886

CANAL		DECEMBER 1943	
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
ANDERSON	166	162	161
EAGLE ROCK	32	33	34
FARMERS FRIEND	37	36	36
ENTERPRISE	6	5	5
STEELE	1	1	1
HARRISON	50	48	49
CHENEY			
BOOMER	10	10	10
RUDY	4	4	4
KITE & NORD			
BURGESS	191	179	182
CLARK & EDWARDS	5	4	4
RIGBY	53	50	50
PARKS & LEWISVILLE	120	108	108
NORTH RIGBY	8	8	8
OSGOOD			
IDAHO	121	121	121
GREAT WESTERN	95	95	97
PORTER	61	61	61
WOODVILLE	6	6	6
SNAKE RIVER VALLEY	73	73	74
RESERVATION			

DAILY DISCHARGE IN SECOND- FEET

PLATE NO. 5D

CANAL																															JANUARY 1944																														
																															TOTAL																														
ANDERSON	80	89	80	86	72	68	54	62	24	22	38	34	28	31	32	45	35	46	48	51	48	48	50	50	49	48	69	51	53	50	50	1,591																													
EAGLE ROCK	32	30	34	30	30	28	20	40	42	44	29	28	30	30	28	8	6	8	8	8	8	8	8	8	8	8	5	10	10	10	10	606																													
FARMERS FRIEND	26	26	25	24	23	22	22	22	22	23	23	24	24	25	25	26	26	25	24	23	22	21	20	20	20	19	18	18	18	18	18	690																													
ENTERPRISE	7	7	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	171																														
STEELE	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	42																														
HARRISON	8	7	6	6	5	5	5	6	6	6	7	7	7	8	8	8	8	8	7	6	6	5	4	3	3	3	3	3	3	3	181																														
CHENEY																															0																														
BOOMER	9	8	8	8	8	8	8	8	7	7	6	6	5	5	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	163																														
RUDY	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	72																														
KITE & NORD																															0																														
BURGESS	106	68	68	68	68	68	70	72	75	80	85	90	93	95	98	101	102	104	106	108	110	112	114	116	118	120	120	120	120	120	2,963																														
CLARK & EDWARDS	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	30																														
RIGBY	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	20	20	20	20	20	19	18	17	16	15	14	13	13	13	13	533																														
PARKS & LEWISVILLE	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	87																														
NORTH RIGBY	3	3	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	129																														
OSGOOD																															0																														
IDAHO	104	100	96	92	90	88	86	86	86	85	85	84	84	83	82	81	81	81	78	76	74	72	70	68	66	64	62	60	60	60	2,440																														
GREAT WESTERN	100	95	90	85	80	75	70	70	70	70	70	70	69	67	66	65	64	63	61	60	60	60	61	61	62	62	63	63	63	63	2,124																														
PORTER	61	61	60	55	50	45	44	43	42	42	41	39	38	37	36	35	33	32	32	33	33	34	34	34	35	35	36	36	36	36	1,244																														
WOODVILLE	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	113																														
SNAKE RIVER VALLEY	24	23	15	23	23	24	25	25	25	25	25	25	26	26	26	26	26	26	26	26	26	27	28	28	28	28	28	28	28	28	796																														
RESERVATION																															0																														

Snake River Canals Daily Discharge in Second-Foot

CANAL																												FEBRUARY 1944																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
ANDERSON	54	50	55	50	50	22	19	10	14	12	14	18	20	20	19	20	17	12	2	10	12	10	12	10	12	15	18	616	814	583	170	29	57	0	111	69	0	BURGESS	122	124	126	128	129	130	131	132	133	133	134	135	136	138	139	140	140	141	142	142	139	136	133	130	127	124	121	118	3,834	29	267	61	98	0	1,180	1,883	1,115	71	877	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
EAGLE ROCK	10	12	12	10	10	48	48	30	30	30	28	28	30	30	28	26	30	26	30	7	30	35	40	40	36	35	34	33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

SNAKE RIVER CANALS DAILY DISCHARGE IN SECOND-FOOT

CANAL																															MARCH 1944																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

MARCH 1944

CANAL

PLATE NO. 6

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS												
1	2	3	4	5	6	7	8	9	10	11	12	13
1	2	3	4	5	6	7	8	9	10	11	12	13

MAY 1944

[illegible]

DAILY DISCHARGE IN SECOND-FOOT OF SNAKE RIVER CANALS JUNE 1944

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		19	20	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369		
ANDERSON		214	224	136	127	62	62	61	65	72	64	60	59	59	59	61	59	59	59	56	279	285	285	383	390	96	100	97	75	3965			
EAGLE ROCK		426	426	251	219	219	251	220	222	224	234	236	243	228	226	226	220	226	226	225	224	224	362	376	366	394	393	282	275	258	9682		
FARMERS FRIEND		240	240	230	196	195	192	131	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	6137	
ENTERPRISE		84	83	82	83	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	2455	
NELSON		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	30		
MATTSON & CRAIG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87		
ARNESBERGER		1	1	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22		
BUTLER ISLAND		34	46	39	37	32	26	28	27	27	26	27	25	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	978	
ROSS & RAND		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	61		
STEELE		6	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	131		
HARRISON		258	195	192	128	115	94	107	117	118	115	69	68	66	66	67	124	121	240	347	516	566	571	553	470	473	453	376	378	388	7419		
CHENEY		9	5	9	8	3	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	144	
BOOMER		75	74	73	45	42	42	39	37	34	35	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	144	
RUDY		30	20	20	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	2491	
KITE & NORD		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	448	
BURGESS		616	665	469	461	302	216	281	284	291	284	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	15651	
CLARK & EDWARDS		62	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	1511	
LOWDER		34	22	22	18	22	0	28	28	29	29	5	7	6	9	7	12	30	28	32	32	38	41	41	41	41	41	41	41	41	41	540	
JENNINGS		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	60	
EAST LABELLE		130	126	123	122	116	62	101	65	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	2646	
SUNNYDELL		120	118	112	110	110	89	85	80	104	107	104	110	108	107	104	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	2898
LENROOT		93	81	84	54	48	46	42	44	45	47	48	41	33	32	41	64	73	77	70	101	97	109	113	130	122	124	70	60	66	59	2114	
REID		105	99	99	95	91	93	89	83	106	104	115	114	96	95	86	86	94	95	129	150	146	154	161	161	157	170	66	12	116	114	3341	
TEXAS FEEDER		197	195	206	208	180	230	218	242	236	239	236	221	212	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	7321
NELSON COREY		4	8	6	8	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	151	
HILL PETTINGER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RIGBY		153	158	137	143	121	86	112	113	112	110	112	110	113	111	116	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	4035
ISLAND		141	146	146	146	142	70	108	110	106	103	107	104	110	108	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	3557
DILIS		19	23	24	9	0	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	459	
WEST LABELLE & LONG ISLAND		186	189	195	197	185	150	183	239	234	214	214	208	237	233	242	239	242	239	242	239	242	239	242	239	242	239	242	239	242	239	242	7617
PARKS & LEWISVILLE		269	277	244	250	153	75	228	197	197	197	198	198	206	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	7153
NORTH RIGBY		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	1351	
WHITE		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	
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	113	
BRAMWELL		10	14	10	7	7	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	4463	
BUTTE & MARKET LAKE																																	

JULY 1944

DAILY DISCHARGE IN SECOND- FEET OF SNAKE RIVER CANALS

NAME OF CANAL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
RILEY		20	25	17	35	33	27	24	24	25	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	718
ANDERSON		216	257	176	175	285	282	273	343	341	338	346	343	341	339	336	334	332	328	348	345	343	341	338	316	317	305	298	292	320	324	9645	
EAGLE ROCK		323	332	342	318	330	418	416	641	673	716	714	712	710	707	705	703	700	699	698	700	703	680	682	682	691	700	703	721	717	19236		
FARMERS FRIEND		116	157	158	154	152	140	138	135	150	174	164	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	11389
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	4412	
NELSON		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	
MATISON & CRAIG		3	2	2	2	11	9	9	17	16	14	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	314
ARNESBERGER		4	5	6	5	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	1	
BUTLER ISLAND		30	33	34	36	38	34	32	35	33	35	43	44	41	40	40	41	42	43	42	41	49	50	48	47	49	49	48	48	46	1281		
ROSS & RAND		2	2	3	5	4	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	119	
STEELE		428	366	374	383	402	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	467	14095	
HARRISON		4	7	9	10	11	106	126	124	126	121	116	116	114	110	121	120	120	121	128	134	134	131	137	140	142	141	145	149	152	3879	718	
CHENEY		123	116	112	107	121	106	126	124	126	121	116	116	114	110	121	120	120	121	128	134	134	131	137	140	142	141	145	149	152	3879	718	
BOOMER		33	36	40	41	41	47	47	58	59	59	61	56	53	52	53	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	1658
RUDY		0	2	4	7	8	6	6	7	7	7	8	7	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	198	
KITE & NORD		131	847	860	851	851	803	772	754	763	781	829	873	855	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	25585
BURGESS		65	64	71	73	75	70	70	68	68	68	72	72	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	2158
CLARK & EDWARDS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1095	
LOWDER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180	
JENNINGS		109	108	109	114	117	99	100	111	108	120	119	119	116	115	114	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	3583
EAST LABELLE		92	90	88	82	53	76	108	103	136	128	125	142	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	3341
SUNNYDELL		85	59	62	82	74	53	72	62	108	97	87	174	180	173	170	126	121	134	133	138	131	130	119	99	128	137	105	116	122	101	132	3510
LENROOT		100	106	115	113	112	119	112	142	113	93	81	146	149	153	154	156	172	166	158	157	143	144	144	144	144	144	144	144	144	144	144	4122
REID		220	226	218	229	233	233	226	209	168	157	218	221	209	204	228	230	233	222	218	221	218	214	212	195	189	183	144	146	157	6415	180	
TEXAS FEEDER		6	6	6	6	5	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
NELSON COREY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
HILL PETTINGER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
RIGBY		158	158	155	155	155	159	150	157	158	165	164	156	165	165	165	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	5071
ISLAND		121	121	115	115	114	95	112	124	125	128	142	138	133	134	142	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	4402
OLDS		14	14	13	22	25	30	31	36	34	36	35	36	35	31	30	37	35	25	26	23	25	24	27	30	30	32	35	37	34	15	887	
WEST LABELLE & LONG ISLAND		49	234	358	389	389	384	394	464	427	470	508	508	508	508	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	13447
PARKS & LEWISVILLE		319	258	292	297	331	324	324	329	247	317	346	346	345	345	343	341	341	336	340	336	342	334	334	333	333	333	333	333	333	333	333	10269
NORTH RIGBY		45	37	28	25	48	48	37	40	51	50	49	48	41	46	47	43	43	42	41	40	42	40	37	38	42	42	40	39	34	1294		
WHITE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	
ELLIS		6	6	5	4	4	4	3	3	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	138	
GRAMWELL		8	8	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	232	
BUTTE & MARKET LAKE																																	

DAILY DISCHARGE IN SECOND-FOOT OF SNAKE RIVER CANALS AUGUST 1944

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
RILEY	322	318	318	329	318	314	325	321	305	324	327	324	312	303	303	298	279	272	259	258	253	249	242	256	236	236	228	228	234	872	510	
ANDERSON	716	734	755	755	768	766	732	743	743	696	778	778	732	755	755	771	564	555	571	659	703	703	671	671	659	682	687	664	654	580	2152	
EAGLE ROCK	366	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	384	10538	
FARMERS FRIEND	121	121	120	119	121	115	113	109	120	120	109	120	111	113	8	5	4	109	104	104	104	104	104	104	104	104	104	104	104	104	2918	
NELSON	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	
MATTSON & CRAIG	8	7	7	10	9	9	10	10	10	10	11	5	7	3	3	3	4	3	3	2	5	6	5	8	8	8	8	8	8	8	10	
ARNBERGER	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	
BUTLER ISLAND	5	52	52	54	52	56	54	54	50	49	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	1468	
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	137	
STEELE	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	171	
HARRISON	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	11478	
CHENEY	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	180	
BOOMER	145	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	4116	
RUDY	59	59	59	58	60	59	56	57	59	58	58	58	59	57	57	60	57	57	57	58	58	58	58	58	58	58	58	58	58	58	1760	
KITE & NORD	7	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	7	152	
BURGESS	829	825	798	799	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	21588	
CLARK & EDWARDS	70	71	71	71	71	71	71	71	70	69	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	2171	
LOWDER	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	621	
JENNINGS	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	66	
EAST LABELLE	126	127	127	134	123	120	121	121	123	123	124	124	124	123	125	121	120	120	120	120	120	120	120	120	120	120	120	120	120	120	3748	
SUNNYDELL	118	114	113	113	109	108	110	0	127	114	124	114	137	134	136	105	102	108	104	97	92	103	104	104	104	104	104	104	104	104	3317	
LENROOT	137	136	126	132	123	120	121	115	105	75	76	51	94	96	100	118	113	94	78	67	65	96	104	97	112	92	90	112	79	78	3046	
REID	138	150	147	147	139	137	146	151	131	101	105	107	147	146	142	109	103	116	120	142	134	147	141	151	127	139	135	135	146	146	4115	
TEXAS FEEDER	159	169	166	168	171	171	187	222	211	128	126	131	140	202	214	215	220	220	220	181	157	185	201	202	221	188	174	173	151	174	5620	
NELSON COREY	11	11	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	212	
HILL PETTINGER	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	71	
RIGBY	173	171	175	177	172	171	172	171	171	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	5361	
ISLAND	90	89	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	2623	
DILLS	17	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	476	
WEST LABELLE & LONG ISLAND	510	508	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	15322	
PARKS & LEWISVILLE	352	352	350	350	348	348	346	344	340	341	343	350	352	352	350	352	350	352	350	352	350	352	350	352	350	352	350	352	350	352	10569	
NORTH RIGBY	43	38	50	51	50	50	48	52	49	46	50	45	56	54	52	55	53	54	43	47	45	44	48	51	39	48	52	50	43	43	1500	
WHITE	0	6	7	7	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	
ELLIS	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	230	
BRAMWELL	235	223	225	227	223	220	218	220	222	207	194	196	216	232	234	235	234	234	229	221	213	207	201	203	204	202	200	198	192	186	186	6637
BUTTE & MARKET LAKE	112	112	110	104	110	110	110	110	110	111	112	112	111	111	111	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	2888
OSGOOD	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	100	
BEAR ISLAND	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	24	
SMITH	47	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	44	44	44	44	1418	
KENNEDY	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	30596	
IDAHO	480	482	475	468	461	459	454	451	442	441	441	439	439	432	430	429	421	420	415	419	417	412	410	414	405	415	414	407	412	410	13453	
GREAT WESTERN	290	285	282	262	262	257	252	250	245	252	258	260	260	254	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	248	8087
PORTER	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	2	
COY & KELLER	70	84	87	89	90	92	93	92	79	74	88	85	84	86	84	87	83	81	76	75	71	74	88	86	84	84	78	78	77	77	2556	
WOODVILLE	496	681	708	716	716	684	697	695	665	609	579	603	531	512	510	569	554	531	516	506	501	495	520	527	533	495	495	520	510	502	506	17687
SHAKE RIVER VALLEY	7882	8185	8179	8210	8035	7941	7968	8083	8060	7752	7701	7629	7103	7145	7609	7392	7276	7165	7265	7150	7041	6713	6738	6729	6714	6537	6669	6869	6956	6917	6874	228385
TOTAL HEISE TO SHELLEY	7882	8185	8179	8210	8035	7941	7968	8083	8060	7752	7701	7629	7103	7145	7609	7392	7276	7165	7265	7150	7041	6713	6738	6729	6714	6537	6669	6869	6956	6917	6874	228385
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BLACKFOOT	569	537	519	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	
NEW LAVA SIDE	154	159	153	150	150	145	150	153	151	149	137	147	137	147	140	134	132	143	140	152	129	128	127	124	131	132	128	141	142	142	4346	
PEOPLES	467																															

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS

PLATE NO. 10

NAME OF CANAL

56.616	547	2,059	1,019	1,083	3,572	2,632	218	3,147	22,776	9,409	2,352	5,007	2,593	152,126
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9	9	70	50	103	103	658	304	110	130	327	3838
1810/1802	11	14	9											

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	1	2	3	4	5	6	7	8	9	10		
BIG JIMMY CREEK	36	36	36	36	36	36	36	36	36	36	35	35	35	35	35	34	34	34	34	34	33	33	33	33	33	33	34	34	35	35	36	36	37	38	38	39	40	40	41	41	41		
PORTNEUF RIVER INFLOW BELOW POCATELLO	305	305	305	305	305	306	307	308	309	310	312	313	314	315	316	317	318	319	320	322	323	324	325	326	327	327	327	326	326	325	325	324	324	323	323	322	322	321	321	321	321	321	
BIG SPRING CREEK	442	442	442	442	442	442	442	441	441	440	440	439	439	438	438	437	436	436	435	435	434	433	433	432	432	432	434	436	438	440	442	446	450	455	460	465	470	480	490	494	494	494	
CLEAR CREEK	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	
FORD CREEK	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	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 CREEK	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 CREEK	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PLYE SPRINGS	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
MCTUCKER SPRINGS	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	24	24	24	24	24	24	24	24	24	24	24
HULL SPRINGS	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
TANNER SPRINGS	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
PORTNEUF RIVER AT POCATELLO	478	458	438	418	428	438	458	468	458	448	448	448	448	438	418	398	378	369	350	304	252	234	210	180	162	148	120	86	60	60	63	129	145	197	243	252	243	286	313	468	468	468	468
CRYSTAL DITCH	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0
CRYSTAL WASTE	32	32	32	32	32	32	32	31	31	30	30	29	29	28	28	27	26	26	25	25	24	24	23	23	23	24	24	25	26	26	27	28	29	30	30	31	32	33	34	34	34	34	
DANIELSEN SPRING	43	43	43	43	43	43	43	44	44	44	45	45	46	46	46	47	47	48	48	49	49	50	50	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	65	65	65	
ARTESIAN SPRINGS	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STERLING WASTE	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	8	9	10	11	12	13	14	14	14		
COLBURN WASTE	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ABERDEEN WASTE	80	80	80	78	75	95	120	150	150	140	85	90	55	35	30	20	5	25	55	65	75	80	65	63	35	35	15	15	5	3	5	30	70	100	175	170	195	190	90	90	90	90	
TARTAR WASTE	25	25	25	30	42	50	65	75	75	75	65	45	30	20	15	0	0	10	20	30	30	50	25	13	3	0	0	0	0	0	0	10	15	35	55	65	65	65	60	60	60	60	
SCHILTZ WASTE	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	
CEDAR WASTE	24	26	32	38	38	52	54	54	52	50	32	36	24	5	0	2	8	12	17	22	15	8	10	3	0	2	3	4	2	0	0	6	10	15	15	10	5	10	15	15	15		
ROSS FORK	36	36	36	36	36	36	36	36	36	37	37	37	38	38	38	39	39	39	40	40	40	41	41	41	41	41	41	41	41	42	42	42	42	43	43	43	44	44	44	44	44	44	
TRIPLE CREEK	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6		
BANNOCK CREEK	40	39	39	38	38	37	35	34	32	31	29	28	26	25	23	22	20	19	17	16	14	13	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
RUEGAR SPRINGS	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	20	20	20	20	20	20	20	20	20	20	
TOTAL MEASURED	1828	1809	1795	1783	1802	1854	1915	1964	1951	1928	1848	1836	1775	1714	1678	1635	1603	1631	1655	1636	1585	1586	1523	1471	1414	1401	1358	1328	1296	1293	1304	1420	1496	1612	1760	1718	1799	1854	1795	1795	1795		
UNMEASURED INFLOW	1320	1320	1320	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1340	1340	1350	1350	1360	1360	1370	1370	1380	1380	1380		
TOTAL INFLOW CLOUGH TO NEELEY	3148	3129	3115	3113	3132	3184	3245	3294	3281	3258	3178	3166	3105	3044	3008	2965	2933	2961	2985	2966	2915	2916	2853	2801	2744	2731	2688	2658	2626	2623	2644	2760	2846	2962	3120	3138	3169	3224	3175	3175	3175		
MONTHLY TOTALS	92,409																																										

INFLOW TO AMERICA

BETWEEN CLOUGH AND

24 HOUR S

JUNE

JUNE																															24 HOUR																	
29	30	31	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	1	2	3	4	5	6	7	8	9	10	11	12				
35	35	36	36	37	38	38	39	40	40	41	41	41	41	40	40	40	39	39	39	38	38	38	38	37	37	36	35	35	34	34	34	33	32	31	30	30	29	28	27	27	27	27	27	27	27	27		
326	326	325	325	324	324	323	322	322	321	321	321	318	315	312	309	306	303	300	296	293	290	292	294	296	298	300	302	304	306	308	308	309	310	311	312	312	313	314	315	315	315	316	316	316	316	316		
438	440	442	446	450	455	460	465	470	480	490	494	490	487	483	480	476	472	468	464	460	456	453	454	456	458	460	461	463	465	466	464	462	460	458	456	454	451	449	447	446	445	444	442	442	442	442		
120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	119	119	119	119	119			
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			
26	26	26	26	26	27	27	27	27	27	27	27	27	27	27	27	27	28	28	28	28	28	28	28	28	28	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29		
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16		
24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25		
6	6	6	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	6	5	4	5	5	5	
1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
60	60	63	129	145	197	243	252	243	286	313	468	562	616	616	638	616	584	542	500	458	418	360	322	295	277	243	218	205	226	207	197	176	168	157	138	129	116	105	101	96	92	74	80	80	80	80	80	
2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	1	1	1	0	0	0	0	0	
26	26	27	28	29	30	30	31	32	33	34	35	35	34	33	32	31	30	29	28	27	26	25	25	25	25	26	26	26	27	27	27	27	27	28	28	29	30	31	32	32	33	34	34	34	34	34	34	34
55	56	57	58	59	60	61	62	63	64	65	66	66	64	62	60	58	56	55	53	51	49	47	46	49	52	55	58	61	63	66	69	68	67	66	64	63	62	60	58	56	54	53	53	53	53	53	53	
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	4	4	5	6	7	8	8	8	7	7	6	6	5	5	4	4	3	3	3	3	3	3	3	
6	6	6	7	8	9	10	11	12	13	14	14	14	14	13	12	11	10	9	8	7	6	5	4	4	4	4	4	5	5	5	6	6	6	6	7	7	7	8	8	8	9	9	9	9	9	9	9	
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5	3	5	30	70	100	175	170	195	190	90	80	71	90	75	75	75	65	65	75	80	55	70	64	30	10	20	20	20	45	70	70	95	110	65	40	35	35	25	20	20	20	20	20	20	20	20		
0	0	0	10	15	35	55	65	65	65	60	85	14	10	35	55	60	100	100	95	85	75	65	57	45	35	20	15	5	20	36	36	50	55	55	50	45	35	25	25	5	4	4	4	4	4			
3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
2	0	0	6	10	15	15	10	5	10	15	15	4	40	40	20	0	0	0	25	35	35	40	44	20	40	20	10	15	30	30	26	15	15	14	8	8	8	6	2	2	3	3	3	3	3	3	3	
42	42	42	42	43	43	43	44	44	44	44	44	44	43	43	43	42	42	41	41	41	40	40	40	41	42	44	45	47	48	49	48	47	46	44	43	41	40	39	38	38	38	38	38	38	38			
4	4	5	5	5	5	5	6	6	6	6	6	6	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3		
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	13	13	13	13	12	11	10	9	8	7	6	5	4	4	4	4	4	4	4	4	4		
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
296	1293	1304	1420	1496	1612	1760	1778	1799	1854	1795	1971	1967	2062	2059	2071	2023	2010	1955	1931	1882	1795	1742	1695	1606	1587	1539	1508	1500	1584	1614	1599	1601	1608	1546	1485	1461	1433	1394	1376	1349	1340	1319	1317	1317	1317	1317		
330	1330	1340	1340	1350	1350	1360	1360	1370	1370	1380	1390	1390	1390	1390	1400	1400	1400	1400	1410	1410	1410	1410	1400	1400	1390	1390	1380	1380	1370	1370	1360	1360	1350	1340	1340	1330	1320	1320	1310	1300	1300	1300	1300	1300	1300	1300		
226	2623	2644	2760	2846	2962	3120	3138	3169	3224	3175	3361	3357	3452	3449	3471	3423	3410	3355	3341	3292	3205																											

AMERICAN FALLS RESERVOIR

BETWEEN CLOUGH AND NEELEY STATIONS

24 HOUR SECOND-FEET

JULY

AUGUST

																															AUGUST																	
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		
1	30	30	29	28	27	27	27	27	27	28	28	28	29	29	29	30	30	30	30	31	31	31	32	32	32	33	33	33	33	33	33	33	33	32	32	32	32	32	31	31	31	31	30	30	30	30	29	
1	312	312	313	314	315	315	315	316	316	317	317	318	318	319	319	319	320	320	320	321	321	321	322	322	322	323	323	323	323	323	323	323	323	324	324	324	325	325	325	326	326	326	326	327	327	327	327	328
8	456	454	451	449	447	446	445	444	442	441	440	438	437	436	434	433	432	430	429	428	427	426	424	423	422	421	420	419	418	421	424	427	430	433	436	439	442	445	448	451	454	457	460	463	466	469		
0	120	120	120	120	120	120	120	119	119	119	118	118	118	117	117	117	116	116	116	115	115	114	114	114	113	113	112	112	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129		
7	7	7	7	7	7	7	7	7	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	8	8	8	8	8	8	8	8		
3	30	30	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	31	31	31	31	31	31	31	31	31	31	31	31	31	32	32	32	32	32	
5	55	55	55	55	55	55	55	55	55	55	54	54	54	54	54	54	54	54	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	54	54	54	54	55	55	55	55	55	56	56	56	56	5
	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	1
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	7	7	7	7	7	6	5	4	5	6	7	7	7	7	7	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	8	8	
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SEPT																														
SEPTEMBER																														
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1471	1472	1473	1																											

DAILY SEGREGATION OF D

DATE	JACKSON LAKE CONTENTS ACRE-FOOT	SNAKE RIVER AT MORAN			MORAN TO HEISE		DATE	HEISE & RILEY			STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY			DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACK	
		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSION		STORED	NORMAL	TOTAL	MARKET LAKE	HENRYS FORK NEAR REXBURG		STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED	NORMAL
JUNE 30	852,100						JULY 1										JULY 2	-69	11,469	11,400		
JULY 1	852,100						2										3	131	11,169	11,300		
2	852,380						3										4	128	11,072	11,200		
3	852,870	300	2960	3260	8		4	292	14,043	14,335			14	111	6717	6828	5	370	10,030	10,400	74	3414
4	851,580	246	2124	2370	6		5	240	12,893	13,133			12	77	7068	7145	6	209	8031	8240	17	3376
5	852,100	-162	2052	1890	-4		6	-158	11,685	11,527			-8	108	7174	7282	7	-99	6869	6770	24	3580
6	852,350	-26	1926	1900	-1		7	-25	11,249	11,224			-1	337	7374	7711	8	-83	6103	6020	15	3324
7	852,100	-74	1974	1900	-2		8	-72	10,796	10,724			-4	369	7356	7725	9	-399	5489	5090	24	3274
8	852,610	-100	2000	1900	-2		9	-98	10,321	10,223	3	10	-5	483	7282	7765	10	-449	4619	4170	38	3041
9	852,350	30	2050	2080	1		10	29	9834	9,863	3	11	1	605	7433	8038	11	-442	3992	3590	38	3038
10	851,840	1440	2150	3590	36		11	1404	8818	10,222	2		68	714	7644	8358	12	666	3064	3730	38	3038
11	847,480	3040	2200	5240	76		12	2964	8853	11,817	4	-69	145	714	7644	8358	13	1904	2506	4410	38	3038
12	840,610	3150	2250	5400	79		13	3071	8642	11,713	8	-209	150	1068	7458	8526	14	1561	2659	4220	38	3038
13	833,990	2600	2300	4900	65		14	2535	8590	11,125	8	-300	124	1752	6716	8468	15	392	3408	3000	377	3391
14	828,140	3190	2300	5490	80		15	3110	8117	11,227	8	-275	152	1616	6732	8348	16	1035	2835	3670	377	3391
15	820,510	3870	2280	6150	97		16	3773	8050	11,823	8	-315	184	1649	6720	8369	17	1298	2822	4120	377	3391
16	811,670	3830	2250	6080	96	10	17	3724	7898	11,622	8	-650	182	1746	6753	8499	18	1236	2884	4120	377	3391
17	804,100	3980	2200	6180	100	10	18	3870	7652	11,522	8	-568	189	1746	6753	8499	19	1728	2372	4100	1157	221
18	795,760	4080	2100	6180	102	10	19	3968	7553	11,521	8	-371	194	1761	6735	8496	20	1552	2548	4100	1284	215
19	787,490	4110	2000	6110	103	15	20	3992	7632	11,624	8	-469	195	1781	6750	8531	21	1612	2658	4270	1151	231
20	779,460	4230	1900	6130	106	15	21	4109	7318	11,427	9	-412	201	1810	6735	8545	22	1905	2675	4270	992	241
21	770,190	4470	1800	6270	112	15	22	4343	7185	11,528	9	-202	212	1772	6712	8484	23	2389	2361	4750	984	241
22	762,220	4310	1700	6010	108	20	23	4182	7045	11,227	9	21	204	1772	6712	8484	24	2226	2294	4520	1215	241
23	753,260	4050	1600	5650	101	20	24	3929	6594	10,523	9	-115	192	1606	6523	8129	25	2013	2087	4100	1530	111
24	746,280	4220	1550	5770	106	20	25	4094	6328	10,422	9	-127	200	1594	6519	8113	26	2242	1758	4000	1544	111
25	737,630	4220	1500	5720	106	20	26	4094	6431	10,525	9	-67	200	1636	6488	8124	27	2207	1713	3920	1683	111
26	730,710	3440	1600	5040	86	20	27	3334	6486	9820	9	-60	163	1736	6428	8164	28	1455	2295	3750	1680	111
27	723,290	3370	1550	4920	84	20	28	3266	6151	9417	9	11	160	1303	6403	7706	29	1752	1868	3620	2035	111
28	716,400	3700	1500	5200	92	20	29	3588	5928	9516	9	-60	175	1105	6350	7455	30	2092	1548	3440	1954	111
29	708,540	4140	1450	5590	104	20	30	4016	5672	9688	9	-225	196	1143	6367	7510	31	2381	1469	3850	1740	111
30	699,710	4480	1450	5930	112	25	31	4343	5515	9858	9	-305	212	1262	6314	7576	AUG. 1	2612	908	3510	1747	111
31	691,150	4510	1450	5960	113	25	AUG. 1	4372	5468	9840	9	-266	214	1262	6314	7576	2	1862	1468	3330	1776	111
AUG. 1	682,370	4490	1450	5940	112	25	2	4353	5480	9833	9	-173	213	2132	5750	7882	3	1595	1615	3210	1755	111
2	672,860	4630	1400	6030	116	25	3	4489	5205	9694	9	-170	219	2384	5799	8183	4	1725	1485	3210	1846	111
3	663,900	4930	1400	6330	123	25	4	4782	5194	9976	9	-178	233	2376	5803	8179	5	1959	1411	3370	1784	111
4	653,970	4810	1350	6160	120	25	5	4665	5058	9723	9	-108	228	2491	5719	8210	6	1814	1516	3330	1312	111
5	644,320	4900	1350	6250	122	25	6	4753	4869	9622	9	-32	232	2600	5435	8035	7	1874	1526	3400	1364	111
6	634,460	5440	1300	6740	136	25	7	5279	4726	10,005	9	-121	232	2535	5456	7991	8	2463	1017	3400	1369	111
7	623,640	5320	1250	6570	133	25	8	5162	4813	9975	10	-84	258	2483	5485	7968	9	1957	1443	3400	1839	111
8	613,610	4660	1200	5860	117	25	9	4518	4923	9441	10	-104	252	2859	5224	8083	10	1250	1750	3000	1517	111
9	604,770	4100	1150	5250	103	25	10	3972	4614	8586	10	-106	221	2951	5109	8060	11	879	1771	2630	635	111
10	596,200	4180	1100	5280	105	25	11	4050	4506	8556	9	-127	194	2782	4970	7752	12	1078	1462	2540	631	111
11	588,140	3790	1050	4840	95	25	12	3670	4371	8041	9	-31	198	2752	4949	7701	13	1492	1188	2480	633	111
12	580,310	5110	1030	6140	128	25	13	4957	3943	8900	9	63	179	2071	4958	7029	14	2687	863	3550	1495	111
13	570,150	5250	1000	6250	131	25	14	5094	4033	9127	8	48	242	2085	5018	7103	15	2792	1078	3870	2016	111
14	559,790	5690	980	6670	142	25	15	5523	3958	9481	8	-13	248	2049	5096	7145	16	2640	1210	3650	1974	111
15	548,980	5680	960	6640	142	25	16	5513	4039	9552	8	-17	270	2604	5005	7609	17	2876	1144	4000	1903	111
16	538,210	5280	950	6230	132	25	17	5123	4148	9271	8	15	269	2391	5001	7392	18	2623	1377	4000	1903	111
17	528,630	4830	940	5770	121	25	18	4684	4103	8787	8	60	250	2318	4958	7276	19	2185	1335	3520	184	111
												91										

SEGREGATION OF DATA AT AND BETWEEN S

FLOW ALLEY	STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY			DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACKFOOT			SHELLEY TO BLACKFOOT STORAGE LOSS	THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER AT CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR CONTENTS ACRE-Feet	SNAKE AT NEELEY	
		STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL				STORED	NORMAL
				5321	JULY 2	-69	11,469	11,400															
				5920	3	131	11,169	11,300			3207	-4	-65	JULY 3	39	-65	1675	1610	2825	JULY 4	1,703,360	700	10,500
				6260	4	128	11,072	11,200			3192	8	123	4	25	123	1237	1360	2791	5	1,697,200	1472	10,028
				6546	5	370	10,030	10,400			3248	8	120	5	32	120	6780	6900	2753	6	1,693,830	1767	9533
	14			6828	6	209	8031	8240	74	3414	3411	22	348	6	36	348	5242	5590	2714	7	1,685,430	3244	7956
	12	111	6717	7145	7	-99	6869	6770	17	3376	3393	8	127	7	27	127	3523	3650	2686	8	1,677,020	4891	6205
	-8	77	7068	7145	8	-83	6103	6020	24	3380	3404	-7	-109	8	12	-109	2859	2750	2649	9	1,664,240	5672	5501
	-1	108	7174	7282	9	-399	5489	5090	15	3324	3339	-6	-101	9	8	-101	2071	1970	2640	10	1,649,310	6789	4711
	-4	337	7374	7711	10	-449	4619	4170	24	3274	3298	-25	-389	10	6	-389	1589	1200	2619	11	1,634,940	7322	420
	-5	369	7356	7725	11	-442	3992	3550	38	3041	3079	-28	-445	11	4	-445	1112	667	2623	12	1,617,890	7865	373
	1	483	7282	7765	12	666	3064	3730	38	3038	3076	-29	-451	12	5	-451	856	405	2610	13	1,594,050	8234	346
	68	605	7433	8038	13	1904	2506	4410	-24	3360	3336	38	590	13	1	373	161	534	2572	14	1,581,920	8967	213
	145	714	7644	8358	14	1561	2659	4220	22	3391	3413	106	1822	14	1	583	161	744	2573	15	1,564,530	9066	273
	150	1068	7458	8526	15	392	3408	3800	377	2968	3345	92	1447	15	1	331	161	492	2558	16	1,546,920	9081	27
	124	1752	6716	8468	16	1035	2835	3870	648	2663	3311	1	14	16	0	126	160	286	2555	17	1,529,880	9585	27
	152	1616	6732	8348	17	1298	2822	4120	291	2678	2969	23	364	17	0	118	160	278	2558	18	1,512,850	9402	26
	184	1649	6720	8369	18	1236	2884	4120	759	2691	3450	60	947	18	0	428	160	588	2540	19	1,496,550	9200	27
	182	1746	6753	8499	19	1728	2372	4100	1157	2292	3449	29	448	19	3	187	163	350	2530	20	1,477,100	9107	26
	189	1590	6750	8340	20	1552	2548	4100	1284	2154	3438	34	537	20	6	136	164	382	2540	21	1,460,430	9094	27
	194	1761	6735	8496	21	1612	2658	4270	1151	2301	3452	16	252	21	11	194	171	365	2533	22	1,444,420	9096	2
	195	1781	6750	8531	22	1905	2675	4580	992	2468	3460	28	433	22	6	309	166	475	2523	23	1,427,960	8911	20
	201	1810	6735	8545	23	2389	2361	4750	984	2463	3447	55	858	23	6	550	166	716	2522	24	1,410,480	8812	20
	212	1772	6712	8484	24	2226	2294	4520	1215	2146	3361	84	1321	24	13	739	173	912	2523	25	1,393,740	8804	20
	204	1646	6695	8341	25	2013	2087	4100	1530	1641	3171	61	950	25	11	503	171	674	2520	26	1,377,100	9009	20
	192	1606	6523	8129	26	2242	1758	4000	1544	1711	3255	29	454	26	12	368	172	540	2516	27	1,360,960	9012	20
	200	1594	6519	8113	27	2207	1713	3920	1683	1701	3384	42	656	27	6	269	166	435	2504	28	1,344,020	9230	2
	200	1636	6488	8124	28	1455	2295	3750	1680	1495	3175	31	493	28	5	141	165	306	2504	29	1,324,710	9431	2
	163	1736	6428	8164	29	1752	1868	3620	2033	1258	3291	-13	-212	29	4	90	164	254	2503	30	1,304,440	9533	2
	160	1303	6403	7706	30	2092	1548	3640	1954	1007	2961	-17	-264	30	5	53	165	218	2500	31	1,287,590	9535	2
	175	1105	6350	7455	31	2381	1469	3850	1740	1034	2774	8	130	31	5	190	165	355	2500	AUG. 1	1,270,350	9135	2
	194	1143	6367	7510	AUG. 1	2612	908	3520	1747	1277	3024	38	603	AUG. 1	5	429	165	594	2507	2	1,254,310	8828	2
	212	1262	6314	7576	2	1862	1468	3330	1776	1168	2944	52	813	2	3	172	163	336	2513	3	1,235,610	8824	2
	214	2132	5750	7882	3	1595	1615	3210	1755	1165	2920	5	81	3	3	119	163	282	2523	4	1,222,180	8914	2
	213	2384	5799	8183	4	1725	1485	3210	1846	1046	2892	-10	-150	4	4	76	164	240	2524	5	1,203,100	8682	2
	219	2376	5803	8179	5	1959	1411	3370	1784	1088	2872	-7	-114	5	5	64	165	229	2566	6	1,185,200	8569	2
	233	2491	5719	8210	6	1814	1516	3330	1312	1113	2425	10	165	6	10	376	170	546	2561	7	1,169,670	8669	2
	228	2600	5435	8035	7	1874	1526	3400	1364	1107	2471	30	472	7	11	559	171	730	2565	8	1,152,440	8764	2
	232	2535	5456	7991	8	2463	1017	3480	1369	1127	2496	31	479	8	6	613	166	779	2577	9	1,135,380	8957	2
	258	2483	5485	7968	9	1957	1443	3400	1839	1115	2954	66	1028	9	7	409	167	576	2588	10	1,117,400	9045	2
	252	2859	5224	8083	10	1250	1750	3000	1517	1062	2579	7	111	10	14	231	174	405	2601	11	1,101,130	8925	2
	221	2951	5109	8060	11	879	1771	2650	1517	1062	2579	-16	-251	11	18	496	178	674	2605	12	1,084,900	8717	2
	194	2782	4970	7752	12	1078	1462	2540	635	1027	1662	15	229	12	13	659	173	832	2616	13	1,069,590	8811	2
	198	2752	4949	7701	13	1492	1188	2680	633	997	1630	26	401	13	11	677	171	848	2625	14	1,049,780	8904	2
	179	2071	4958	7029	14	2687	863	3550	1495	875	2370	52	807	14	8	768	168	936	2631	15	1,035,690	8701	2
	242	2085	5018	7103	15	2792	1078	3870	2016	887	2903	72	1120	15	12	716	172	888	2634	16	1,021,300	8594	2
	248	2049	5096	7145	16	2640	1210	3850	1974	865	2839	47	729	16	15	761	175	936	2647	17	1,007,140	8178	2
	270	2604	5005	7609	17	2876	1144	4020	1950	877	2827	40	626	17	12	828	172	1000	2663	18	990,830	7965	2
	269	2391	5001	7392	18	2623	1377	4000	1905	883	2788	56	870	18	12	968	172	1140	2664	19	976,440	7864	2
	250	2318	4958	7276	19	2185	1335	3520	1846	854	2700	43	675	19	7	883	167	1040	2669	20	963,080	7964	2
	229	2369	4796	7165								20	319	20	6	578	166	744	2686	21	948,480	8348	2

24 HOUR SECOND-Feet EXCEPT AS N

D BETWEEN SNAKE RIVER GAGING STATIONS

24 HOUR SECOND-FOOT EXCEPT AS NOTED

LAKE RIVER CLOUGHS		CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR CONTENTS ACRE-FOOT	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS ACRE-FOOT	MINIDOKA CANALS			SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	GOODING PROJECT			P.A.	GOODING
NORMAL	TOTAL				STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		
1675	7610	2825	JULY 4	1,703,360	700	10,500	11,200	96,630	1600	1180	2780	54	2726	106	7774	7880	400	1080	1480	61	780
1677	7360	2791	5	1,697,200	1472	10,028	11,500	96,150	1600	1190	2790	64	2726	938	7302	8240	1139	381	1520	61	790
1680	6900	2753	6	1,693,830	1767	9533	11,300	97,350	1610	1230	2840	114	2726	953	7302	8240	0	0	1520	61	790
1682	5590	2714	7	1,685,430	3244	7956	11,200	96,630	1600	1240	2840	884	1956	2330	6000	8330	1520	0	1520	61	790
1683	3650	2686	8	1,677,020	4891	6209	11,100	96,390	1600	1240	2840	1114	1726	3817	4483	8300	1520	0	1520	61	790
1689	2750	2649	9	1,664,240	5692	5508	11,200	96,150	1600	1260	2860	1134	1726	4518	3782	8300	1510	0	1510	61	910
1691	1970	2640	10	1,649,310	6789	4711	11,500	96,510	1660	1280	2940	1629	1726	5020	3400	8420	1510	0	1520	60	970
1699	1200	2619	11	1,634,940	7392	4208	11,600	96,390	1700	1270	2970	2162	808	5170	3400	8570	1520	0	1510	60	930
1712	667	2623	12	1,617,890	7865	3735	11,600	95,430	1700	1270	2970	2635	335	5200	3400	8600	1510	0	1510	61	930
1856	405	2610	13	1,596,050	8234	3466	11,700	95,790	1700	1270	2970	2904	66	5380	3400	8780	1530	0	1530	61	950
161	534	2572	14	1,581,920	8967	2733	11,700	95,670	1700	1270	2970	2970	0	6077	2733	8810	1530	0	1540	61	960
161	744	2573	15	1,564,530	9066	2734	11,800	95,310	1700	1260	2960	2960	0	6136	2734	8870	1540	0	1540	61	970
161	492	2558	16	1,546,920	9081	2719	11,800	95,180	1690	1260	2950	2950	0	6151	2719	8870	1540	0	1530	61	970
160	286	2555	17	1,529,880	9385	2715	12,100	95,430	1690	1280	2970	2970	0	6155	2715	8870	1530	0	1530	61	970
160	278	2538	18	1,512,850	9402	2698	12,100	96,030	1700	1290	2990	2990	0	6172	2698	8870	1530	0	1530	61	970
160	588	2540	19	1,496,550	9200	2700	11,900	95,180	1700	1290	2990	2990	0	6200	2700	8900	1540	0	1540	61	970
163	350	2530	20	1,477,700	9107	2693	11,800	95,790	1700	1300	3000	3000	0	5997	2693	8690	1540	0	1540	60	970
166	302	2540	21	1,460,430	9094	2706	11,800	96,150	1700	1300	3000	3000	0	5984	2706	8690	1530	0	1540	60	970
171	365	2533	22	1,444,420	9096	2704	11,800	96,150	1670	1310	2980	2980	0	6106	2704	8810	1540	0	1540	60	970
166	475	2523	23	1,427,960	8911	2689	11,600	95,310	1650	1300	2950	2950	0	6301	2689	8990	1540	0	1540	60	970
166	716	2522	24	1,410,480	8812	2688	11,500	94,950	1640	1310	2950	2950	0	6302	2688	8990	1540	0	1540	60	970
173	912	2523	25	1,393,740	8804	2696	11,500	94,250	1640	1320	2960	2960	0	6294	2696	8990	1540	0	1540	60	960
171	674	2520	26	1,377,100	9009	2691	11,700	94,250	1640	1320	2960	2960	0	6239	2691	8930	1540	0	1540	60	960
172	540	2516	27	1,360,960	9012	2688	11,700	94,490	1640	1320	2960	2960	0	6122	2688	8810	1530	0	1530	60	960
166	435	2504	28	1,344,020	9230	2670	11,900	94,720	1650	1320	2970	2970	0	6110	2670	8780	1530	0	1530	60	950
165	306	2504	29	1,324,710	9431	2669	12,100	94,950	1650	1320	2970	2970	0	6291	2669	8960	1530	0	1530	60	950
164	254	2503	30	1,304,440	9533	2667	12,200	94,950	1650	1320	2970	2970	0	6443	2667	9110	1540	0	1540	60	950
165	218	2500	31	1,287,390	9535	2665	12,200	95,550	1650	1320	2970	2970	0	6325	2665	8990	1530	0	1530	60	950
165	355	2500	AUG. 1	1,270,350	9135	2665	11,800	96,030	1660	1320	2980	2980	0	6085	2665	8750	1530	0	1530	60	950
165	594	2507	2	1,254,310	8828	2672	11,500	96,630	1650	1320	2970	2970	0	6078	2672	8750	1530	0	1530	60	940
163	335	2513	3	1,235,610	8824	2676	11,500	95,670	1590	1300	2890	2890	0	6104	2676	8780	1540	0	1540	60	950
163	282	2523	4	1,222,180	8914	2686	11,600	96,150	1560	1290	2850	2850	0	5974	2686	8660	1540	0	1540	60	960
164	240	2554	5	1,203,100	8682	2718	11,400	96,390	1490	1290	2780	2780	0	5792	2718	8510	1530	0	1530	60	930
165	229	2566	6	1,185,200	8569	2731	11,300	95,910	1450	1280	2730	2730	0	5689	2731	8420	1520	0	1520	60	930
170	546	2561	7	1,169,670	8669	2731	11,400	96,150	1450	1280	2730	2730	0	5690	2730	8420	1520	0	1520	60	920
171	750	2565	8	1,152,440	8764	2736	11,500	95,670	1450	1290	2740	2740	0	5834	2736	8570	1520	0	1520	61	920
166	779	2577	9	1,135,380	8957	2743	11,700	95,310	1450	1280	2730	2730	0	5827	2743	8570	1520	0	1520	61	930
167	576	2588	10	1,117,400	9045	2755	11,800	95,310	1450	1300	2750	2750	0	5785	2755	8540	1530	0	1530	61	930
174	405	2601	11	1,101,130	8925	2775	11,700	95,430	1420	1310	2730	2730	0	5735	2775	8510	1530	0	1530	61	940
178	674	2605	12	1,084,900	8717	2783	11,500	95,430	1430	1300	2730	2730	0	5727	2783	8510	1530	0	1530	61	940
173	832	2616	13	1,069,590	8811	2789	11,600	95,430	1450	1280	2730	2730	0	5751	2789	8540	1520	0	1520	61	930
171	848	2625	14	1,049,780	8904	2796	11,700	95,180	1450	1270	2720	2720	0	5894	2796	8690	1530	0	1530	61	940
178	936	2631	15	1,035,690	8701	2799	11,500	96,150	1450	1260	2710	2710	0	5831	2799	8630	1530	0	1530	61	950
172	888	2634	16	1,021,300	8594	2806	11,400	96,390	1450	1230	2680	2680	0	5764	2806	8570	1530	0	1530	60	950
175	936	2647	17	1,007,140	8178	2822	11,000	96,870	1450	1220	2670	2670	0	5718	2822	8540	1520	0	1520	60	930
172	1000	2663	18	990,830	7965	2835	10,800	95,910	1450	1210	2660	2660	0	5495	2835	8330	1510	0	1510	60	930
177	1140	2664	19	976,440	7864	2836	10,700	95,180	1440	1200	2640	2640	0	5464	2836	8300	1450	0	1450	60	920
177	1040	2669	20	963,080	7964	2836	10,800	94,950	1440	1220	2660	2660	0	5284	2836	8120	1410	0	1410	60	920
176	744	2686	21	948,480	8348	2852	11,200	95,070	1480	1230	2710	2710	0	5358	2852	8210	1410	0	1410	60	920

RIVER GAGING STATIONS 1944

MINIDOKA CANALS				SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	GOODING PROJECT			NORTH SIDE CANAL COMPANY				TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
OUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
180	2780	54	2726	106	7774	7880	JULY 5	10.82	400	1080	1480	61	780	2500	3341	0	3341	0	3170	3170	0	173	173	0
190	2790	64	2726	938	7302	8240	6	10.96	1139	381	1520	61	790	2570	3421	0	3421	0	3320	3320	0	171	171	0
230	2840	114	2726	1553	6807	8360	7	10.92	1520	0	1520	61	790	2570	3421	121	3300	0	3360	3360	34	139	173	0
240	2840	884	1956	2330	6000	8330	8	10.96	1520	0	1520	61	790	2570	3421	421	3000	360	3000	3360	160	0	160	0
240	2840	1114	1726	3817	4483	8300	9	10.95	1520	0	1520	61	780	2550	3391	1908	1483	360	3000	3360	188	0	188	0
260	2860	1134	1726	4518	3782	8300	10	10.88	1510	0	1510	61	790	2580	3431	2649	782	390	3000	3390	188	0	188	0
280	2940	1629	1311	5020	3400	8420	11	10.96	1510	0	1510	61	910	2590	3561	3161	400	420	3000	3420	188	0	188	0
270	2970	2162	808	5170	3400	8570	12	10.96	1520	0	1520	60	970	2570	3600	3200	400	390	3000	3390	189	0	189	0
270	2970	2635	335	5200	3400	8600	13	10.84	1510	0	1510	60	930	2590	3580	3180	400	380	3000	3380	189	0	189	0
270	2970	2904	66	5380	3400	8780	14	10.95	1530	0	1530	61	930	2660	3651	3251	400	530	3000	3530	188	0	188	0
270	2970	2970	0	6077	2733	8810	15	10.92	1530	0	1530	61	960	2660	3681	3360	321	1117	2413	3530	188	0	188	0
260	2960	2960	0	6136	2734	8870	16	10.94	1540	0	1540	61	970	2660	3691	3372	319	1120	2400	3520	188	0	188	0
260	2950	2950	0	6151	2719	8870	17	10.96	1540	0	1540	61	970	2660	3691	3372	319	1120	2400	3520	188	0	188	0
280	2970	2970	0	6155	2715	8870	18	10.96	1530	0	1530	61	970	2650	3681	3362	319	1124	2396	3520	189	0	189	0
290	2990	2990	0	6172	2698	8870	19	10.95	1530	0	1530	61	970	2650	3681	3363	318	1160	2380	3540	190	0	190	0
290	2990	2990	0	6200	2700	8900	20	11.02	1540	0	1540	61	970	2670	3701	3383	318	1168	2382	3550	191	0	191	0
300	3000	3000	0	5997	2693	8690	21	11.00	1540	0	1540	61	970	2660	3691	3374	317	1144	2376	3520	190	0	190	0
300	3000	3000	0	5984	2706	8690	22	10.94	1530	0	1530	60	970	2630	3660	3342	318	1142	2388	3530	190	0	190	0
310	2980	2980	0	6106	2704	8810	23	10.99	1540	0	1540	60	970	2660	3690	3372	318	1174	2386	3560	190	0	190	0
300	2950	2950	0	6301	2689	8990	24	11.00	1540	0	1540	60	970	2660	3690	3374	316	1187	2373	3560	190	0	190	0
300	2950	2950	0	6302	2688	8990	25	11.02	1540	0	1540	60	970	2640	3670	3354	316	1188	2372	3560	191	0	191	0
320	2960	2960	0	6294	2696	8990	26	11.02	1540	0	1540	60	960	2650	3670	3353	317	1191	2379	3570	192	0	192	0
320	2960	2960	0	6239	2691	8930	27	11.02	1540	0	1540	60	960	2650	3670	3353	317	1176	2374	3550	192	0	192	0
320	2960	2960	0	6122	2688	8810	28	10.95	1530	0	1530	60	960	2640	3660	3344	316	1178	2372	3550	191	0	191	0
320	2970	2970	0	6110	2670	8780	29	10.88	1530	0	1530	60	950	2650	3660	3346	314	1204	2356	3560	192	0	192	0
320	2970	2970	0	6291	2669	8960	30	10.91	1530	0	1530	60	950	2660	3670	3356	314	1225	2355	3580	192	0	192	0
320	2970	2970	0	6443	2667	9110	31	11.04	1540	0	1540	60	950	2660	3670	3356	314	1227	2353	3580	192	0	192	0
320	2970	2970	0	6325	2665	8990	AUG. 1	11.06	1530	0	1530	60	950	2640	3650	3336	314	1223	2351	3580	191	0	191	0
320	2980	2980	0	6085	2665	8750	2	10.93	1530	0	1530	60	950	2640	3650	3336	314	1209	2351	3560	191	0	191	0
320	2970	2970	0	6078	2672	8750	3	11.00	1530	0	1530	60	940	2640	3640	3326	314	1222	2358	3580	170	0	170	0
300	2890	2890	0	6104	2676	8780	4	11.05	1540	0	1540	60	950	2660	3670	3355	315	1219	2361	3580	166	0	166	0
300	2890	2890	0	5974	2686	8660	5	11.06	1540	0	1540	60	960	2640	3660	3344	316	1190	2370	3560	166	0	166	0
300	2890	2890	0	5792	2718	8510	6	10.95	1530	0	1530	60	930	2630	3620	3299	321	1150	2410	3560	166	0	166	0
300	2780	2780	0	5689	2731	8420	7	10.86	1520	0	1520	60	930	2630	3620	3279	321	1161	2409	3570	164	0	164	0
300	2730	2730	0	5690	2730	8420	8	10.84	1520	0	1520	60	920	2620	3601	3279	322	1146	2414	3560	165	0	165	0
300	2740	2740	0	5834	2736	8570	9	10.82	1520	0	1520	61	920	2620	3601	3278	323	1140	2420	3560	166	0	166	0
300	2730	2730	0	5827	2743	8570	10	10.84	1520	0	1520	61	930	2610	3601	3278	323	1129	2431	3560	166	0	166	0
300	2750	2750	0	5785	2755	8540	11	10.94	1530	0	1530	61	930	2580	3571	3247	324	1102	2448	3550	166	0	166	0
310	2730	2730	0	5735	2775	8510	12	10.93	1530	0	1530	61	940	2560	3561	3234	327	1085	2455	3540	164	0	164	0
300	2730	2730	0	5727	2783	8510	13	10.92	1530	0	1530	61	940	2570	3571	3243	328	1079	2461	3540	164	0	164	0
300	2730	2730	0	5751	2789	8540	14	10.81	1520	0	1520	61	930	2550	3541	3213	328	1103	2467	3570	164	0	164	0
300	2730	2730	0	5894	2796	8690	15	10.94	1530	0	1530	61	940	2560	3561	3232	329	1103	2470	3540	166	0	166	0
300	2730	2730	0	5831	2799	8630	16	10.99	1530	0	1530	61	950	2540	3551	3222	329	1070	2476	3520	166	0	166	0
300	2710	2710	0	5764	2806	8570	17	11.06	1530	0	1530	60	950	2530	3540	3210	330	1044	2476	3520	166	0	166	0
300	2680	2680	0	5718	2822	8540	18	11.02	1520	0	1520	60	930	2520	3510	3178	332	1010	2490	3500	166	0	166	0
300	2670	2670	0	5495	2835	8330	19	10.89	1510	0	1510	60	920	2510	3490	3157	333	998	2502	3500	166	0	166	0
300	2660	2660	0	5464	2836	8300	20	10.79	1450	0	1450	60	930	2520	3510	3177	333	1007	2503	3510	164	0	164	0
300	2640	2640	0	5284	2836	8120	21	10.66	1410	0	1410	60	920	2510	3490	3157	333	1007	2503	3510	163	0	163	0
300	2660	2660	0	5358	2852	8210	22	10.62	1410	0	1410	60	910	2530	3500	3164	336	1014	2516	3530	161	0	161	0

PLATE NO. 12

SNAKE RIVER NEAR MINIDOKA					DATE	MILNER LAKE GAGE FEET	GOODING PROJECT			NORTH SIDE CANAL COMPANY					TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
RED	NORMAL	STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL
4	2726	106	7774	7880	JULY 5	10.82	400	1080	1480	61	780	2500	3341	0	3341	0	3170	3170	0	173	173	0	10
1	2726	938	7302	8240	6	10.96	1139	381	1520	61	790	2570	3421	0	3421	0	3320	3320	0	171	171	0	9
	2726	1553	6807	8360	7	10.92	1520	0	1520	61	790	2570	3421	121	3500	0	3360	3360	0	159	172	0	8
	1956	2330	6000	8330	8	10.96	1520	0	1520	61	790	2570	3421	421	3000	360	3000	3360	140	0	160	0	8
	1726	3817	4483	8300	9	10.95	1520	0	1520	61	780	2550	3391	1908	1483	360	3000	3360	188	0	188	0	8
	1726	4518	3782	8300	10	10.88	1510	0	1510	61	790	2580	3431	2649	782	390	3000	3390	188	0	188	0	8
	1311	5020	3400	8420	11	10.96	1510	0	1510	61	910	2590	3561	3161	400	420	3000	3420	188	0	188	0	8
	808	5170	3400	8570	12	10.96	1520	0	1520	60	970	2570	3600	3200	400	390	3000	3390	188	0	188	0	7
	335	5200	3400	8600	13	10.86	1510	0	1510	60	930	2590	3580	3180	400	380	3000	3380	189	0	189	0	7
	66	5380	3400	8780	14	10.95	1530	0	1530	61	930	2660	3651	3251	400	380	3000	3380	189	0	189	0	6
	0	6077	2733	8810	15	10.92	1530	0	1530	61	950	2650	3661	3340	321	1118	2412	3530	188	0	188	0	7
	0	6136	2734	8870	16	10.94	1540	0	1540	61	960	2660	3681	3360	321	1117	2413	3530	188	0	188	0	7
	0	6151	2719	8870	17	10.96	1540	0	1540	61	970	2660	3691	3372	319	1120	2400	3520	188	0	188	0	7
	0	6155	2715	8870	18	10.96	1530	0	1530	61	970	2650	3681	3362	319	1124	2396	3520	189	0	189	0	7
	0	6172	2698	8870	19	10.95	1530	0	1530	61	970	2670	3701	3383	318	1160	2380	3540	190	0	190	0	7
	0	6200	2700	8900	20	11.02	1540	0	1540	61	970	2660	3691	3374	318	1168	2382	3550	190	0	190	0	7
	0	5997	2693	8690	21	11.00	1540	0	1540	60	970	2630	3660	3342	317	1144	2376	3520	190	0	190	0	7
	0	5984	2706	8690	22	10.94	1530	0	1530	60	970	2660	3690	3372	318	1174	2386	3560	190	0	190	0	8
	0	6106	2704	8810	23	10.99	1540	0	1540	60	960	2650	3670	3354	316	1187	2373	3560	190	0	190	0	8
	0	6301	2689	8990	24	11.00	1540	0	1540	60	960	2650	3670	3353	317	1191	2379	3570	192	0	192	0	9
	0	6302	2688	8990	25	11.02	1540	0	1540	60	970	2660	3690	3372	318	1174	2386	3560	190	0	190	0	8
	0	6294	2696	8990	26	11.02	1540	0	1540	60	970	2640	3670	3354	316	1187	2373	3560	190	0	190	0	8
	0	6239	2691	8930	27	11.02	1540	0	1540	60	960	2650	3670	3353	317	1191	2379	3570	192	0	192	0	9
	0	6122	2688	8810	28	10.95	1530	0	1530	60	960	2640	3660	3344	316	1178	2372	3550	192	0	192	10	10
	0	6110	2670	8780	29	10.88	1530	0	1530	60	950	2650	3660	3346	314	1204	2356	3560	191	0	191	9	9
	0	6291	2669	8960	30	10.91	1530	0	1530	60	950	2660	3670	3356	314	1225	2355	3580	192	0	192	8	8
	0	6443	2667	9110	31	11.04	1540	0	1540	60	950	2660	3670	3356	314	1227	2355	3580	192	0	192	8	8
	0	6325	2665	8990	AUG. 1	11.06	1530	0	1530	60	950	2640	3650	3336	314	1229	2351	3580	191	0	191	9	9
	0	6085	2665	8750	2	10.93	1530	0	1530	60	950	2640	3650	3336	314	1209	2351	3560	191	0	191	9	9
	0	6078	2672	8750	3	11.00	1530	0	1530	60	940	2640	3640	3326	314	1222	2358	3580	170	0	170	9	9
	0	6104	2676	8780	4	11.05	1540	0	1540	60	950	2660	3670	3355	315	1219	2361	3580	166	0	166	9	9
	0	5974	2686	8660	5	11.06	1540	0	1540	60	960	2640	3660	3344	316	1190	2370	3560	166	0	166	9	9
	0	5792	2718	8510	6	10.95	1530	0	1530	60	930	2630	3620	3300	320	1162	2398	3560	166	0	166	9	9
	0	5689	2731	8420	7	10.86	1520	0	1520	60	920	2620	3600	3279	321	1150	2410	3560	166	0	166	9	9
	0	5490	2730	8420	8	10.84	1520	0	1520	60	920	2620	3601	3279	321	1161	2409	3570	164	0	164	8	8
	0	5834	2736	8570	9	10.82	1520	0	1520	61	930	2580	3571	3247	324	1140	2420	3560	165	0	165	8	8
	0	5827	2743	8570	10	10.86	1520	0	1520	61	940	2560	3561	3234	327	1129	2431	3560	166	0	166	8	8
	0	5785	2755	8540	11	10.94	1530	0	1530	61	940	2570	3571	3243	328	1102	2448	3550	166	0	166	29	29
	0	5735	2775	8510	12	10.93	1530	0	1530	61	930	2550	3541	3213	328	1085	2455	3540	164	0	164	122	122
	0	5727	2783	8510	13	10.92	1530	0	1530	61	930	2550	3541	3213	328	1079	2461	3540	164	0	164	121	121
	0	5751	2789	8540	14	10.81	1520	0	1520	61	940	2560	3561	3232	329	1103	2467	3570	164	0	164	120	120
	0	5894	2796	8690	15	10.94	1530	0	1530	60	950	2530	3540	3210	330	1070	2470	3540	166	0	166	120	120
	0	5831	2799	8630	16	10.99	1530	0	1530	60	930	2520	3510	3178	332	1044	2476	3520	166	0	166	129	129
	0	5764	2806	8570	17	11.06	1530	0	1450	60	920	2510	3490	3157	333	1010	2490	3500	166	0	166	128	128
	0	5718	2822	8540	18	11.02	1520	0	1410	60	920	2510	3490	3157	333	1007	2503	3510	164	0	164	125	125
	0	5495	2835	8330	19	10.89	1510	0	1410	60	910	2530	3500	3164	336	1014	2516	3530	161	0	161	121	121
	0	5464	2836	8300	20	10.79	1450	0															
	0	5284	2836	8120	21	10.66	1410	0															
	0	5358	2852	8210	22	10.62	1410	0															

DAILY SEGREGATION OF DAY

DATE	JACKSON LAKE CONTENTS ACRE- FEET	SNAKE RIVER AT MORAN			MORAN TO HEISE		DATE	HEISE & RILEY			STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY			DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACK	
		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSION		STORED	NORMAL	TOTAL	MARKET LAKE	HENRYS FORK NEAR REXBURG		STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED	NORMAL
AUG. 18	519,560	4600	920	5520	115	25	AUG. 19	4460	4096	8556	8	-10	218	2,344	4,921	7,265	AUG. 20	1896	1294	3190	1827	824
19	510,960	4420	900	5320	110	25	20	4285	3889	8174	8	-64	209	2,335	4,815	7,150	21	1655	1445	3130	1787	854
20	502,160	4440	880	5320	111	25	21	4304	3870	8174	8	-54	210	2,206	4,895	7,041	22	1842	1158	3000	1733	862
21	493,860	4340	860	5200	108	25	22	4207	3796	8003	8	-51	206	1,872	4,841	6,713	23	2086	914	3000	1729	850
22	485,320	4240	840	5080	106	25	23	4109	3723	7832	8	-100	201	1,842	4,896	6,738	24	1914	1006	2980	1726	856
23	478,660	4280	830	5110	107	25	24	4148	3583	7731	7	-26	203	1,847	4,882	6,729	25	2019	921	3000	1818	897
24	469,030	4450	820	5270	111	25	25	4314	3760	8074	7	9	211	1,902	5,262	7,164	26	2217	803	2900	1826	870
25	460,780	4110	820	4930	103	25	26	3982	3658	7640	7	-22	194	1,728	4,809	6,537	27	2045	815	2860	1709	824
26	452,600	4224	816	5040	106	25	27	4093	3578	7671	7	-93	199	1,769	4,900	6,669	28	2039	841	2880	1687	854
27	444,640	4010	810	4820	100	25	28	3885	3756	7641	7	-106	189	1,954	4,915	6,869	29	1643	1097	2740	1816	864
28	436,910	4110	810	4920	103	25	29	3982	3489	7471	7	-117	194	2,160	4,796	6,956	30	1518	1022	2540	1247	768
29	428,790	4200	800	5000	105	25	30	4070	3471	7541	7	-122	198	2,142	4,775	6,917	31	1615	975	2590	1267	736
30	420,450	4140	780	4920	103	25	31	4012	3630	7642	7	-76	196	2,113	4,761	6,874	SEPT. 1	1634	1046	2700	1257	663
31	413,020	3660	760	4420	91	20	SEPT. 1	3549	3610	7159	7	-31	173	1,638	4,617	6,255	2	1714	1146	2880	1504	814
SEPT. 1	405,420	3400	740	4140	85	1	2	3314	3714	7028	7	-36	162	1,427	4,491	5,918	3	1626	1594	3290	1420	869
2	399,380	3060	720	3780	76	0	3	2984	3743	6727	7	92	146	1,206	4,347	5,553	4	1731	1709	3440	1345	898
3	392,900	2810	700	3510	70		4	2740	3866	6606	7	-12	134	1,540	4,371	5,911	5	1061	1519	2980	1277	896
4	387,360	2440	680	3120	61		5	2379	4056	6435	7	-166	116	1,618	4,413	6,031	6	486	2004	2490	1216	886
5	382,710	2210	660	2870	55		6	2155	3827	5982	7	-157	105	1,593	4,352	5,945	7	307	1753	2060	1202	817
6	378,280	2530	640	3170	63		7	2467	3405	5872	7	-150	120	1,337	4,606	5,943	8	867	933	1800	1201	661
7	372,300	2840	620	3460	71		8	2769	3545	6314	7	-177	135	1,466	4,846	6,312	9	998	692	1690	1181	817
8	366,800	2660	600	3260	66		9	2594	3439	6033	7	-231	127	1,714	4,417	6,131	10	529	1151	1660	1197	434
9	360,880	3460	580	4040	86		10	3374	2859	6233	7	-286	165	1,193	4,450	5,643	11	1737	263	2000	1212	454
10	352,990	4200	560	4760	105		11	4095	2904	6999	7	-393	200	1,320	4,591	5,911	12	2189	531	2720	1057	88
11	345,130	4010	540	4550	100		12	3910	3029	6939	7	-424	191	1,255	4,581	5,836	13	2047	853	2900	1579	86
12	336,880	4360	520	4880	109		13	4251	2940	7191	7	-449	208	1,693	4,593	6,286	14	1908	902	2810	1552	711
13	329,070	3920	500	4420	98		14	3822	2997	6819	7	-393	187	1,642	4,605	6,247	15	1607	793	2540	1445	811
14	319,820	3940	480	4420	99		15	3841	2948	6789	7	-399	188	1,754	4,505	6,259	16	1507	1033	2540	1011	90
15	313,810	3780	460	4240	94		16	3686	2921	6607	6	-320	180	1,608	4,358	6,166	17	1584	1426	3010	1026	99
16	305,870	3250	440	3690	81		17	3169	3409	6578		-183	155	1,388	4,195	5,583	18	1443	2507	3950	736	118
17	299,930	1910	420	2330	48		18	1862	4283	6145		-471	91	807	3,856	4,663	19	493	3677	4170	0	
18	298,870	240	400	640	6		19	234	4266	4500		-479	11		4,451		20	-251	3601	3350		
19	297,810	73	380	453	2		20	71	3729	3800			3		4,049		21	68	1722	2790		
20	297,390	3	378	381	0		21	3	3507	3510			0				22	3	3607	2610		
21	297,390						22										23					
22	297,390						23										24					
23	297,390						24										25					
TOTAL		280,054			7,002	1,056		271,996			550	-10,937	13,281	129,025			119,303					93,234

SEGREGATION OF DATA AT AND BETWEEN SN

24 HOUR SECOND-FEET EXCEPT AS

SNAKE RIVER AM. FALLS SNAKE RIVER
ST. NEELEY

WORK KEY	STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY			DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACKFOOT			SHELLEY TO BLACKFOOT STORAGE LOSS	THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER AT CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR CONTENTS ACRE-Feet	SNAKE RIVER AT NEELEY	
		STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL				STORED	NORMAL
	218	2,344	4,921	7,265	AUG 20	1896	1294	3190												AUG 22	932,090	8,527	2,673
	209	2,335	4,818	7,150	21	1685	1445	3130	1827	824	2,651	4	65	AUG 21	3	381	165	546	2708	23	915,510	8,512	2,681
	210	2,206	4,835	7,041	22	1842	1158	3000	1787	854	2,641	-6	-96	22	3	335	163	498	2718	24	896,450	8,210	2,690
	206	1,872	4,841	6,713	23	2086	914	3000	1733	862	2,595	7	102	23	4	266	164	430	2726	25	875,470	7,902	2,698
	201	1,842	4,836	6,678	24	1974	1006	2980	1729	850	2,579	21	336	24	5	230	165	395	2733	26	861,380	1900	2,900
	203	1,847	4,882	6,729	25	2079	921	3000	1796	856	2,652	11	167	25	5	174	166	340	2734	27	857,280	1799	2,901
	211	1,902	5,262	7,164	26	2217	683	2900	1818	837	2,655	16	245	26	6	153	165	318	2736	28	828,600	1896	2,904
	194	1,728	4,809	6,537	27	2045	815	2860	1826	870	2,696	24	367	27	7	151	167	318	2737	29	815,880	1894	2,906
	199	1,769	4,900	6,669	28	2039	841	2880	1709	824	2,533	20	316	28	10	175	170	345	2736	30	801,420	1993	2,907
	189	1,954	4,915	6,869	29	1643	1097	2740	1687	834	2,541	21	331	29	9	206	169	375	2738	31	784,450	1984	2,916
	194	2,160	4,796	6,956	30	1518	1022	2540	1816	684	2,500	-10	-163	30	14	281	174	455	2742		762,090	1989	2,911
	198	2,142	4,775	6,917	31	1615	975	2590	1247	768	2,015	16	255	31	10	418	170	588	2741	SEPT. 1	751,630	8078	2,922
	196	2,113	4,761	6,874	SEPT. 1	1634	1066	2700	1267	736	2,003	21	327	SEPT. 1	1	481	167	648	2755	2	737,930	8173	2,927
	173	1,638	4,617	6,255	2	1714	1166	2880	1257	663	1,920	23	354	2	7	379	167	546	2760	3	723,530	7766	2,934
	162	1,427	4,491	5,918	3	1696	1594	3290	1504	814	2,318	13	197	3	12	502	172	674	2762	4	710,000	7570	2,930
	146	1,206	4,347	5,553	4	1731	1709	3440	1420	869	2,289	17	259	4	18	902	178	1080	2754	5	697,260	7371	2,929
	134	1,540	4,371	5,911	5	1061	1919	2980	1345	898	2,243	23	363	5	15	915	175	1090	2754	6	683,020	7270	2,930
	116	1,618	4,413	6,031	6	486	2004	2490	1277	896	2,173	-13	-203	6	11	531	171	702	2759	7	669,030	6931	2,929
	105	1,593	4,352	5,945	7	307	1753	2060	1216	886	2,102	-44	-686	7	6	269	166	435	2763	8	653,760	6692	2,941
	120	1,337	4,606	5,943	8	867	933	1800	1202	819	2,021	-34	-841	8	6	80	166	246	2782	9	640,720	6907	2,951
	135	1,466	4,846	6,312	9	998	692	1690	1201	661	1,862	-20	-314	9	6	28	166	194	2787	10	624,540	7036	2,961
	127	1,714	4,417	6,131	10	529	1131	1660	1181	519	1,700	-11	-172	10	12	12	172	184	2792	11	613,100	7015	2,968
	165	1,193	4,450	5,643	11	1737	263	2000	1107	436	1,543	-35	-543	11	14	6	174	180	2791	12	598,720	6964	2,971
	200	1,320	4,591	5,911	12	2189	531	2720	1212	456	1,668	32	493	12	17	10	177	187	2799	13	581,340	7102	2,991
	191	1,255	4,581	5,836	13	2047	853	2900	1057	883	1,940	68	1064	13	26	136	186	322	2812	14	569,830	6955	2,981
	208	1,693	4,593	6,286	14	1908	902	2810	1579	862	2,441	28	440	14	22	233	182	415	2803	15	556,810	6153	2,971
	187	1,642	4,605	6,247	15	1607	933	2540	1552	916	2,468	21	335	15	7	198	167	365	2810	16	548,820	5435	2,981
	188	1,754	4,505	6,259	16	1507	1033	2540	1445	816	2,261	10	152	16	7	253	167	420	2818	17	540,310	4559	2,991
	180	1,608	4,558	6,166	17	1584	1426	3010	1011	901	1,912	30	466	17	10	460	170	630	2821	18	534,150	2841	3,001
	155	1,388	4,195	5,583	18	1443	1250	3950	1026	992	2,018	34	524	18	76	524	886	1410	2833	19	533,270	1176	4,001
	91	807	3,856	4,663	19	493	3677	4170	736	1185	1,921	42	665	19	253	665	1845	2510	2859	20	531,220	-118	5,001
	11			4,431	20	-251	3601	3350	1677			30	463	20	79	0	2280	2280	2858	21	530,040		
	3			4,049	21	68	2722	2790	0			-15	-236	21	85	-72	1742	1670	2854	22	531,800		
	6				22	3	2607	2610				4	64	22	89	0	1370	1370	2850	23	532,390		
					23							0	3	23	99	0	1270	1270	2837	24	532,780		
					24									24	100			1170	2837	25	533,840		
					25									25	97				2853	26	533,570		
					26									26	47				2840	27	531,510		
																			2839	28	530,340		
																				29	534,450		
																				30			
13,281	129,025					119,303			93,234			1,559	24,510				24,510						604,568

AND BETWEEN SNAKE RIVER GAGING STATION

BETWEEN			
24 HOUR SECOND-FEET EXCEPT AS NOTED			
DATE	AM. FALLS RESERVOIR	SNAKE RIVER AT NEELEY	L. WA. CO.
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24 HOUR SECOND-FOOT EXCEPT AS NOTED										MINIDOKA CANALS										SNAKE RIVER NEAR MINIDOKA										MILNER LAKE GAGE FEET										GOODING PROJECT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
BLACKFOOT RIVER			SNAKE RIVER AT CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY			DATE			AM. FALLS RESERVOIR CONTENTS ACRE-Feet			SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS ACRE-Feet			NORTH			SOUTH			TOTAL			STORED			NORMAL			DATE			MILNER LAKE GAGE FEET			STORED			NORMAL			TOTAL			P.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
DATE	STORAGE	INFLUX	OUTFLUX	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE	INFLUX	OUTFLUX	DATE	STORAGE</

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PLATE NO. 13

RIVER MINIDOKA		DATE	MILNER LAKE GAGE FEET	GOODING PROJECT			NORTH SIDE CANAL COMPANY					TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER			
NORMAL	TOTAL			STORED	NORMAL	TOTAL	P. A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
	8420	AUG. 23	10.71	1420	0	1420	60	920	2520	3500	3162	338	995	2535	3530	160	0	160	120	0	120
	8460	24	10.73	1360	0	1360	60	930	2520	3510	3170	340	979	2541	3520	161	0	161	121	0	121
	8430	25	10.76	1320	0	1320	60	940	2510	3510	3170	340	990	2550	3540	162	0	162	125	0	125
	8450	26	10.80	1330	0	1330	60	950	2510	3520	3179	341	983	2557	3540	163	0	163	125	0	125
	8230	27	10.82	1330	0	1330	60	960	2540	3550	3209	341	981	2559	3540	164	0	164	124	0	124
	8270	28	10.74	1330	0	1330	60	940	2540	3540	3199	341	960	2560	3520	164	0	164	125	0	125
	8240	29	10.82	1340	0	1340	60	950	2540	3550	3209	341	957	2563	3520	164	0	164	125	0	125
	8240	30	10.82	1300	0	1300	61	940	2530	3551	3209	342	966	2564	3530	165	0	165	125	0	125
	8180	31	10.81	1280	0	1280	61	950	2520	3531	3189	342	955	2565	3520	165	0	165	125	0	125
	8150	SEPT. 1	10.84	1270	0	1270	61	930	2490	3481	3138	343	927	2573	3500	167	0	167	125	0	125
	8270	2	10.76	1290	0	1290	60	960	2540	3560	3218	342	981	2569	3550	167	0	167	122	0	122
	8270	3	10.86	1290	0	1290	61	970	2520	3551	3208	343	961	2579	3540	167	0	167	124	0	124
	8180	4	11.00	1300	0	1300	61	980	2480	3521	3177	344	907	2583	3490	167	0	167	125	0	125
	8060	5	11.08	1300	0	1300	61	990	2460	3511	3166	345	871	2589	3460	168	0	168	125	0	125
	7970	6	11.08	1280	0	1280	61	980	2460	3501	3156	345	853	2585	3440	169	0	169	124	0	124
	7880	7	11.04	1260	0	1260	61	970	2440	3471	3126	345	826	2584	3410	168	0	168	122	0	122
	7250	8	10.68	1240	0	1240	61	970	2420	3451	3106	345	835	2585	3420	166	0	166	122	0	122
	7620	9	10.60	1240	0	1240	61	980	2430	3471	3126	345	876	2584	3460	166	0	166	122	0	122
	7700	10	10.60	1240	0	1240	61	980	2420	3461	3114	347	799	2601	3400	167	0	167	124	0	124
	7650	11	10.60	1240	0	1240	61	970	2400	3431	3084	347	684	2606	3290	170	0	170	124	0	124
	7680	12	10.68	1240	0	1240	61	970	2380	3411	3063	348	594	2616	3210	168	0	168	122	0	122
	7590	13	10.70	1250	0	1250	61	960	2360	3381	3033	348	503	2617	3120	166	0	166	122	0	122
	7470	14	10.50	1240	0	1240	61	940	2320	3321	2971	350	394	2626	3020	163	0	163	122	0	122
	7560	15	10.70	1250	0	1250	60	940	2320	3320	2967	353	405	2645	3050	168	0	168	122	0	122
	7580	16	10.72	1250	0	1250	60	960	2210	3230	2879	351	346	2634	2980	167	0	167	122	0	122
	6990	17	10.78	1250	0	1250	60	950	2060	3070	2720	350	283	2627	2910	164	0	164	121	0	121
	6440	18	10.90	1260	0	1260	60	970	1950	2980	2629	351	36	2634	2670	161	0	161	122	0	122
	5950	19	10.83	1200	0	1200	60	970	1770	2800	2400	400	0	2590	2390	142	0	142	132	0	132
	5370	20	10.81	1160	0	1160	60	960	1540	2560	2160	400	0	2250	2230	143	0	143	131	0	131
	5010	21	10.58	1150	0	1150	61	950	1400	2411	980	1431	0	2100	2100	145	0	145	121	0	121
	4630	22	10.41	1090	0	1090	55	930	1230	2215	152	2063	0	2030	2030	131	0	131	118	0	118
		23	10.30	1060	0	1060	52	900	932	1884	0	1884	0	1890	1890	0	120	120	121	0	121
		24	10.12	1060	0	1060	52	880	543	1475	0	1475	0	1810	1810	0	120	120	121	0	121
		25	10.07	1060	0	1060	44	860	433	1337	0	1337	0	1710	1710	0	121	121	121	0	121
		26	10.08	1060	0	1060	44	830	412	1286	0	1286	0	1610	1610	0	121	121	122	0	122
		27	10.20	320	740	1060	44	850	403	1297	0	1297	0	1580	1580	0	121	121	122	0	122
		28	10.36	0	1070	1070	44	880	328	1252	0	1252	0	1610	1610	0	121	121	124	0	124
		29	10.25	0	370	370	30	920	308	1258	0	1258	0	1600	1600	0	121	121	192	0	192
		30	10.10				30	890	265	1185	0	1185	0	1580	1580	0	81	81	230	0	230
				116,929							235,830		67,998			12,235			6,645		

CANAL

JULY

DAILY STORAGE

DIVERSIONS — MAIN R

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST

[illegible]

DIVERSIONS — MAIN RIVER 1944

DIVERSIONS
 HOUR SECOND-FEET EXCEPT AS NOTED

[illegible]

19	20	21	22	23	24	25	26	27	28	29	30	NO.	TOTAL SECOND- FEET	TOTAL ACRE-FEET	JACKSON LAKE EQUIVALENT ACRE-FEET	JACKSON LAKE RIGHT ACRE-FEET	AMERICAN FALLS RIGHT ACRE-FEET	OTHER RIGHTS ACRE-FEET	SEASONAL PURCHASES & EXCHANGE ACRE-FEET	TOTAL RIGHTS ACRE-FEET	
												1	1,056	2,095	2,259				① 2,259	2,259	
												2	1,095	2,172	2,342	1,200	1,163			2,363	
												3	11,039	21,895	23,608		22,018		② 7,503	23,521	
												4	820	1,626	1,753	2,000				2,000	
												5	6,502	12,897	13,905	6,100	15,417		③ 7,423	14,024	
												6	114	226	244				④ 382	382	
												7	6	12	13				⑤ 13	13	
												8	13,128	26,038	28,078	5,000	18,078		⑥ 5,000	28,078	
												9	3,877	7,095	7,651	2,000	3,014		⑦ 2,657	7,651	
												10	123	244	263				⑧ 271	271	
												11	11,579	22,966	24,764	5,120	11,824		⑨ 7,800	24,764	
												12	798	1,583	1,707	1,040			⑩ 1,000	2,040	
												13	7	14	15				⑪ 16	16	
												14	2,157	4,218	4,613	4,000			⑫ 1,000	5,000	
												15	3,869	7,674	8,214	3,000	6,788			2,788	
												16	59	117	126		4,404			4,404	
												17	39	78	84				⑬ 84	84	
												18	605	1,200	1,234				⑭ 1,310	1,310	
												19	593	1,176	1,268		1,558			1,558	
												20	-300	-595	-642					0	
												21	100	199	215				⑮ 215	215	
												22	8,833	17,520	18,891		4,404		⑯ 14,487	18,891	
												23	5,970	11,841	12,769		23,894		⑰ -315	23,599	
												24	188	375	398		330		⑱ 27	357	
												25	41	81	87		120			120	
												26	1,027	2,037	2,196	355		⑳ 1,041	① 957	2,353	
												27	25,264	50,111	54,030	5,000	42,999	㉑ 50	㉒ 6,677	54,726	
												28	2,196	4,396	4,697	1,500	3,300			4,800	
												29	24	48	52				㉓ 52	52	
												30	3,750	7,438	8,021		39,588			39,588	
												31	4,085	8,103	8,738		10,000			10,000	
												32	22,064	43,763	47,193	15,000	40,552			55,552	
												33	-297	-589	-635						
												34	129,025	255,917	275,952	51,315	249,451	㉔ 1,091	41,693	343,550	
												35	1,240	2,459	2,652				㉕ 2,652	2,652	
												36	2,760	5,474	5,903		22,053			22,053	
												37	1,543	3,060	3,300				㉖ 3,300	3,300	
												38	19,853	39,578	42,456	8,000	33,942		㉗ 514	42,456	
												39	65,134	129,192	139,292	42,685	97,347		㉘ 10,000	150,032	
												40	1,626	3,225	3,471		5,868			5,868	
												41	1,200	2,379	2,565		2,145		㉙ 420	2,565	
												42	-122	-242	-261						
												43	93,234	184,925	199,384	50,685	161,355			16,886	228,926
145	131	0										44	191,095	379,091		325,810	95,000	㉚ 191,030	① -34,103	517,737	
												45	12,235	24,251			50,044			50,044	
280	152	0										46	67,998	134,873		97,183	171,185		㉛ -20,000	248,368	
1150	1099	1060	1060	1060	1060	320	0					47	235,830	467,762		322,007	497,664			819,671	
121	118	121	121	121	122	122	124	192	230			48	116,929	231,926			400,000			400,000	
												49	6,573	12,641			45,000			45,000	
												50					8,563		㉜ -8,563	0	
												51	854,775	1,695,421		847,000	② 1,678,262	132,121	㉝ -1,818	2,655,555	

NOTES

- ① RENTED FROM BUREAU OF RECLAMATION.
- ② TRANSFERRED FROM ENTERPRISE TO PROGRESS FOR ENTERPRISE LANDS.
- ③ 7503 TRANSFERRED TO PROGRESSIVE DISTRICT; 80 RENTED FROM BUREAU OF RECLAMATION.
- ④ TRANSFERRED TO SUGAR COMPANY LANDS UNDER GREAT WESTERN CANAL.
- ⑤ FROM MARKET LAKE SPRINGS.
- ⑥ RENTED 6342 FROM BUREAU OF RECLAMATION; TRANSFERRED 335 FROM OSBORN.
- ⑦ SOLD THROUGH BUREAU OF RECLAMATION.
- ⑧ DOES NOT INCLUDE 21,738 ALLOTTED TO ENTERPRISE IRRIGATION DISTRICT, DIVERTED FROM FALL RIVER.
- ⑨ 96,630 IN LAKE WALCOTT ON JULY 4 PLUS 34,400 GAIN NEELEY TO MILNER.
- ⑩ DOES NOT INCLUDE 1828 A.F. OF AMERICAN FALLS WATER RENTED TO CANALS ON HENRYS FORK.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

File Number

Washington

District

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

12000

10000

8000

6000

4000

2000

1000

500

200

100

Discharge in Sec. Ft.

40

35

30

25

20

15

10

5

0

TIME INTERVAL IN HOURS

Checked by

Date

2	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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

[illegible]

HENRY'S FORK CANALS

[illegible]

TETON RIVER CANALS

SIDOWAY	WILFORD	TETON IRRIGATION	GOOD LUCK	PIONEER	STEWART	PINCOCK-BYNGTON	PINCOCK-GARNER	TETON ISLAND FEEDER	NORTH SALEM	ROXANA	ISLAND WARD	WOODMANSEE-JOHNSON	CITY OF REXBURG	REXBURG IRRIGATION	MCGORMICK-ROWE	SAURY-SOMMERS	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	142
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	147
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	166
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	171
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	176
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	181
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	186
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	191
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	196
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	206
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	211
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	216
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	221
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	226
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	231
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	236
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	241
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	246
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	251
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	256
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	261
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	271
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	276
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	281
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	286
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	296
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	301
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	311
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	316
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	321
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	326
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	331
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	336
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	341
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	346
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	351
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	356
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	361
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	366
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	371
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	376
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	381
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	386
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	391
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	396
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	401
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	406
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	411
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	416
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	421
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	426
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	431
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	436
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	441
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	446
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	451
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	456
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	461
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	466
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	476
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	481
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	486
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	491
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	496
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	501
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	506
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	516
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	521
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	526
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	531
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	536
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	541
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	546
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	551
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	556
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	561
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	566
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	571
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	576
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	581
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	586
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	591
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	596
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	601
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	606
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	611
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	616
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	621
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	626
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	631
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	636
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	641
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	646
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	651
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	656
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	661
0																	

PLATE NO. 17

JUNE 1944

CANAL

[illegible]

HENRYS FORK CANALS

[illegible]

TETON RIVER CANALS

SIDOWAY	6	7	7	8	5	5	5	5	5	4	4	4	1	1	1	1	1	2	2	2	8	8	8	7	7	7	157						
WILFORD	120	100	76	80	83	83	82	62	53	54	54	45	45	88	88	87	87	84	84	82	81	90	150	189	163	185	192	194	165	135	125	118	3352
TETON IRRIGATION	58	55	52	62	62	62	53	53	53	54	54	45	45	40	40	48	48	45	45	45	45	60	60	60	60	60	60	45	45	45	45	1551	
GOOD LUCK	17	17	18	18	17	0	0	0	0	0	0	6	6	6	6	6	6	6	18	18	18	18	18	18	18	18	10	0	0	0	0	265	
PIONEER	20	20	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	20	0	0	0	0	308	
STEWART	16	16	16	16	16	16	16	16	16	16	16	16	16	10	7	7	7	14	14	12	12	12	12	12	12	12	12	12	12	12	12	390	
PINCOCK-BYINGTON	8	8	8	8	8	6	6	6	6	6	6	6	4	1	1	1	1	14	14	12	12	12	12	12	12	12	12	1	1	1	1	122	
PINCOCK-GARNER	13	13	13	14	14	0	0	0	0	0	0	0	12	13	13	14	14	14	13	13	13	13	13	13	13	20	20	20	20	20	20	371	
TETON ISLAND FEEDER	410	410	410	410	400	300	287	280	280	200	175	175	200	240	249	260	360	366	370	370	370	370	370	370	370	300	250	250	244	240	8931		
NORTH SALEM	30	38	38	39	40	30	31	31	32	33	34	35	30	15	15	15	30	30	30	30	30	30	30	30	30	30	10	10	10	10	761		
ROXANA	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	10	14	15	15	15	15	15	15	50	20	20	20	20	231		
ISLAND WARD	76	65	50	50	50	25	24	24	24	24	57	50	40	36	34	33	40	40	68	75	86	86	86	86	86	86	60	56	56	56	1553		
WOODMANSEE-JOHNSON	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	18	18	18	18	450		
CITY OF REXBURG	17	17	17	17	17	4	8	8	8	8	16	16	20	24	24	28	33	39	46	46	46	46	46	46	46	46	35	22	22	22	717		
REXBURG IRRIGATION	222	225	228	220	220	210	211	205	202	202	210	219	215	210	205	206	208	208	250	250	250	250	250	250	250	250	216	216	6576				
MCCORMICK-ROWE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	123		
SAURY-SOMMERS	15	15	16	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25948		
TOTAL	1053	1011	972	980	953	748	726	713	712	715	660	682	657	624	652	643	701	725	832	961	1135	1183	1166	1143	1211	1024	861	830	804	793	25948		

HENRY'S FORK CANALS DAILY DISCHARGE IN SECOND-FOOT

JULY 1944

FALL RIVER CANALS

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
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CANAL

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	10
MARYSVILLE	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	3202
FARMERS OWN	16	16	16	16	16	16	16	16	16	16	16	16	16	16	20	30	32	32	35	39	44	49	47	47	58	57	59	62	68	67	66	1138
ENTERPRISE	127	127	127	132	132	130	89	90	120	130	130	131	132	138	132	132	132	0	137	140	140	142	143	142	141	141	140	139	138	135	135	3953
BELL	1	1	1	2	3	2	2	2	1	1	1	1	1	1	0	1	1	1	1	1	3	3	4	4	4	4	2	1	1	1	1	52
FALL RIVER	300	320	340	370	379	378	376	380	390	400	410	390	388	457	400	400	348	386	370	368	358	181	177	175	200	189	196	191	145	192	192	9776
MCBEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	7
CHESTER	5	4	4	4	4	4	4	4	4	4	4	4	4	75	75	80	77	73	73	0	0	0	0	1	1	1	0	0	0	0	0	7
SILKEY	0	0	0	0	0	0	6	6	6	6	6	6	6	12	14	14	14	14	26	23	21	19	26	37	37	27	20	26	20	13	13	466
CURR	12	12	12	12	13	13	15	15	17	17	17	17	17	36	39	39	39	34	38	38	29	29	43	43	42	42	42	43	36	36	36	905
TOTAL SQUIREL TO CHESTER	461	480	500	537	547	552	576	586	626	653	668	655	661	754	618	613	486	630	609	610	578	447	472	468	444	481	483	484	422	455	454	17060

HENRY'S FORK CANALS

DEWEY	13	13	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	
LAST CHANGE	40	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	
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	0	
ST. ANTHONY UNION	400	402	404	406	407	406	404	408	414	419	412	402	393	422	424	422	424	422	424	422	424	422	424	422	424	422	424	422	424	422	424	422	
FARMERS FRIEND	100	105	105	105	105	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	104	
TWIN GROVES	150	110	85	88	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	
SALEM UNION	131	140	150	160	172	176	180	170	150	145	150	150	151	165	151	174	174	198	195	125	168	171	165	165	171	165	165	171	174	174	188	5084	
TOTAL ASHTON TO ST. ANTHONY	834	834	834	837	852	857	860	871	872	888	887	876	805	852	887	902	929	931	922	833	773	949	947	1007	944	995	1003	996	1002	1019	28008		
EGIN	220	230	240	255	269	269	270	270	273	275	280	281	283	269	279	291	277	287	257	253	251	253	259	259	259	259	259	259	259	259	259	259	
ST. ANTHONY UNION FEEDER	25	30	35	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	36	36	36	36	
INDEPENDENT	200	210	220	230	234	230	224	220	210	196	200	202	234	218	262	280	293	287	273	199	198	236	241	258	258	258	258	258	258	258	258	258	258
CONSOLIDATED FARMERS	120	130	140	140	170	180	190	190	186	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	
TOTAL ST. ANTHONY TO REXBURG	565	600	635	691	719	725	716	710	697	683	696	707	716	746	707	763	626	842	820	824	688	685	719	720	738	710	704	726	744	773	785	22178	
TOTAL ST. ANTHONY TO REXBURG																																	

TETON RIVER CANALS

SIDOWAY	7	7	8	8	8	8	7	7	6	6	5	5	5	5	4	4	3	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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
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FALL RIVER CANALS

CANAL

YELLOWSTONE	MARYSVILLE	TOTAL ABOVE SQUIRREL	FARMERS OWN	ENTERPRISE	BELL	FALL RIVER	MCBEE	CHESTER	SILKEY	CURR	TOTAL SQUIRREL TO CHESTER
3	180	183	65	134	3	196	0	11	14	36	457
2	179	181	63	133	1	191	0	11	25	33	456
2	180	182	62	134	1	191	0	11	19	29	451
2	179	181	59	136	1	191	0	11	19	29	446
2	169	174	58	137	1	185	0	11	19	28	445
2	153	155	58	136	2	185	0	17	19	30	447
2	144	146	55	135	1	178	0	15	18	29	435
2	143	145	53	134	2	168	0	18	16	28	423
2	142	144	48	132	3	167	0	19	15	19	402
2	139	141	47	131	3	171	0	13	16	31	402
2	137	139	45	130	3	167	0	12	13	31	392
2	136	138	38	135	3	165	0	12	12	31	388
2	136	138	39	135	3	165	0	12	12	31	387
2	129	131	43	133	3	163	0	8	8	19	374
2	127	129	36	134	3	158	0	7	7	15	363
2	118	120	32	139	3	155	0	7	5	19	354
2	121	128	31	138	3	153	0	7	5	14	348
8	132	140	31	141	2	158	0	8	6	24	370
8	124	132	34	143	3	169	0	10	6	28	393
8	119	127	32	143	3	173	0	9	7	30	397
8	108	116	34	143	3	178	0	10	7	30	405
4	106	112	34	143	3	176	0	10	7	30	405
5	106	111	33	137	4	172	0	10	7	33	393
5	106	111	28	137	4	171	0	10	7	33	386
104	4322	4426	1391	4217	66	5366	0	363	342	853	12,598

HENRY'S FORK CANALS

[illegible]

TETON RIVER CANALS

[illegible]

SEPTEMBER 1944

SEPTEMBER 1944

YELLOWSTONE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MARYSVILLE	106	100	87	80	83	82	75	75	73	75	72	75	75	63	33	40	38	100	100
TOTAL ABOVE SQUIRREL	109	103	90	83	86	85	78	78	76	78	75	78	78	66	43	43	103	103	103
FARMERS OWN	28	21	22	19	26	22	19	19	18	18	18	15	15	10	10	10	10	10	10
ENTERPRISE	134	135	133	132	130	129	129	129	123	123	123	123	104	109	105	105	104	104	104
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER	174	183	126	126	126	126	128	130	134	134	134	132	138	138	115	115	111	111	111
MCBEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHESTER	10	10	10	10	10	10	8	6	2	2	2	2	2	2	2	2	20	30	30
SILKEY	10	9	10	9	8	8	12	13	6	6	6	11	12	11	12	12	7	0	0
CURR	31	31	31	31	31	31	31	31	32	32	32	32	32	30	30	30	0	0	0
TOTAL SQUIRREL TO CHESTER	381	389	332	327	331	331	328	329	315	315	315	314	296	300	274	274	237	229	227

HENRYS FORK CANALS

Dewey	11	9
Last Change	49	49
Gross Cut	146	135
St. Anthony Union	374	374
Farmers Friend	31	32
Twin Groves	48	42
Salem Union	130	117
Total Ashton To St. Anthony	789	756
Egin	196	212
Stanthony Feeder	70	73
Independent	200	114
Consolidated Farmers	109	110
Total St. Anthony To Rexburg	975	959

TETON RIVER CANALS

[illegible]

HENRY'S FORK—DAILY SEGREGATION

24 HOUR SECOND-FOOT EXCEPT

F.M.DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FOOT	HENRY'S FORK NEAR ISLAND PARK			STORED LOSS ISLAND PARK TO ASHTON	DATE	HENRY'S FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE (A)	STORAGE DIVERSION ASHTON TO ST. ANTHONY (B)	HENRY'S FORK AT ST. ANTHONY			STORAGE DIVERSION ST. ANTHONY TO REXBURG	STORAGE DIVERSION TETON RIVER (C)	DATE	STORAGE AT HENRY'S FORK NEAR REXBURG
				STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL				
		JUNE 29	136,095	-71	997	926	-2	JUNE 30	-69	1929	1860									
		30	135,770	134	759	893	3	JULY 1	131	1679	1810			-69	2109	2040				
		1	135,450	131	735	866	3	2	128	1622	1750			131	1689	1820				
		2	135,205	94	711	805	2	3	92	1568	1660			128	1622	1750				
		3	134,960	94	672	766	2	4	92	1538	1630			92	1528	1620				
		4	134,640	131	603	734	3	5	128	1452	1580			92	1118	1210				
		5	134,475	50	645	695	1	6	49	1511	1560			128	942	1070				
		6	134,555	3	697	700	0	7	3	1577	1580			49	945	994				
		7	134,235	10	641	651	0	8	10	1510	1520			3	927	930				
		8	134,155	11	619	630	0	9	11	1489	1500			10	846	856				
		9	134,155	-30	655	625	-1	10	-29	1549	1520			11	765	776				
		10	134,155	-30	660	630	-1	11	-29	1529	1500			-69	855	786				
		11	134,155	-10	640	630	0	12	-10	1490	1480			217	976	767				
12	45	12	134,155	25	600	625	1	13	24	1416	1440			-227	985	758				
12	79	13	134,155	59	561	620	1	14	58	1382	1440	156		-192	913	721				
12	114	14	134,075	85	520	605	2	15	83	1307	1390	156		-71	810	739				
12	123	15	133,990	196	548	744	5	16	191	1409	1600	148		-186	853	667	218	244		
12	168	16	133,510	320	529	849	8	17	312	1268	1580	152		-88	914	826	262	246		
12	209	17	133,190	340	548	888	8	18	332	1328	1660	159		337	127	846	280	218		
12	219	18	132,790	391	543	964	10	19	381	1429	1810	159		458	33	875	293	209		
12	261	19	132,310	673	497	1140	17	20	656	1384	2040	165		458	82	869	287	207		
12	269	20	131,515	740	480	1220	18	21	722	1238	1960	161		476	345	875	1220	273		
12	375	21	130,405	665	475	1140	17	22	648	1162	1810	161		459	424	826	1250	199		
12	393	22	129,535	622	468	1090	16	23	606	1254	1860	161		485	324	806	1130	198		
12	397	23	129,065	634	466	1100	16	24	618	1242	1860	156		474	293	767	1060	236		
12	400	24	128,830	708	482	1190	18	25	690	1270	1960	163		472	302	778	1080	241		
12	402	25	128,125	747	463	1210	19	26	728	1232	1960	163		514	339	771	1110	258		
12	406	26	127,500	721	469	1190	18	27	703	1237	1940	158		499	392	728	1120	258		
12	406	27	126,795	761	489	1250	19	28	742	1318	2060	137		509	352	718	1070	254		
12	405	28	125,940	866	484	1350	22	29	844	1236	2080	95		619	260	850	1110	342		
12	404	29	124,935	971	479	1450	24	30	947	1313	2260	109		748	191	999	1190	344		
12	401	30	123,630	1079	481	1560	27	31	1052	1208	2260	112		776	280	1010	1290	350		
12	403	31	122,185	1082	478	1560	27	AUG. 1	1055	1205	2260	98		790	374	956	1330	358		
12	405	AUG. 1	120,740	1074	476	1550	27	2	1047	1173	2220	98		836	317	1013	1330	318		
12	403	2	119,085	1087	463	1550	27	3	1060	1160	2220	111		834	311	969	1280	333		
12	410	3	117,815	1090	450	1540	27	4	1063	1177	2240	103		820	351	949	1300	323		
12	421	4	116,780	1053	477	1530	26	5	1025	1155	2180	107		824	342	958	1300	334		
12	424	5	115,450	1095	435	1530	27	6	1068	1112	2180	101		911	221	1019	1240	304		
12	419	6	114,135	1082	448	1530	27	7	1055	1125	2180	101		900	269	951	1220	292		
12	409	7	112,675	1059	471	1530	26	8	1033	1147	2180	101		911	245	975	1220	290		
12	402	8	111,305	1079	451	1530	27	9	1052	1128	2180	101		884	250	970	1220	302		
12	333	9	109,870	1176	474	1650	29	10	1147	1193	2340	75		882	245	1015	1260	320		
12	333	10	108,020	1286	474	1760	32	11	1254	1186	2440	54		900	301	1119	1420	332		
12	333	11	105,985	1338	482	1820	33	12	1305	1185	2490	48		900	402	1038	1440	339		
12	331	12	103,905	1341	489	1830	34	13	1307	1183	2490	48		889	464	1016	1480	416		
12	255	13	101,845	1325	495	1820	33	14	1292	1218	2510	54		865	490	990	1480	503		
														487	1003	1490	504			

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TOTAL

HENRYS FORK—DAILY SEGREGATION OF FLOW

1944

24 HOUR SECOND-FOET EXCEPT AS NOTED

STORAGE DIVERSION ASHTON TO ST. ANTHONY (B)	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSION ST. ANTHONY TO REXBURG	STORAGE DIVERSION TETON RIVER (C)	DATE	STORAGE AT HENRYS FORK NEAR REXBURG
	STORED	NORMAL	TOTAL				
	-69	2109	2040			JULY 1	-69
	131	1689	1820			2	131
	128	1622	1750			3	128
	92	1328	1420			4	92
	92	1118	1210			5	92
	128	942	1070			6	128
	49	945	994			7	49
	3	927	930			8	3
	10	846	856			9	10
	11	765	776			10	11
40	-69	855	786			11	-69
180	-209	976	767			12	-209
217	-227	985	758			13	-300
216	-192	913	721		73	14	-215
285	-71	810	739		83	15	-315
425	-186	853	667	218	244	16	-650
427	-88	914	826	262	246	17	-568
337	127	719	846	280	218	18	-371
458	33	875	908	293	209	19	-469
458	82	869	951	287	207	20	-412
476	345	875	1220	273	214	21	-202
459	424	826	1250	199	204	22	21
485	324	806	1130	198	241	23	-115
474	293	767	1060	236	184	24	-127
472	302	778	1080	241	128	25	-67
514	339	771	1110	258	141	26	-60
499	392	728	1120	258	123	27	11
509	352	718	1070	254	158	28	-60
619	260	850	1110	342	143	29	-225
748	191	999	1190	344	152	30	-305
776	280	1010	1290	350	196	31	-266
790	374	956	1330	358	189	AUG. 1	-173
836	317	1013	1330	318	169	2	-170
834	311	969	1280	333	156	3	-178
820	351	949	1300	323	136	4	-108
824	342	958	1300	334	40	5	-32
911	221	1019	1240	304	38	6	-121
900	269	951	1220	292	61	7	-84
911	245	975	1220	290	59	8	-104
884	250	970	1220	302	54	9	-106
882	245	1015	1260	320	52	10	-127
900	301	1119	1420	332	0	11	-31
900	402	1038	1440	339		12	63
889	464	1016	1480	416		13	48
863	490	990	1480	503		14	-13
859	487	1003	1490	504		15	-17

DATE	HENRYS LAKE CONTENTS ACRE-FOET	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	STORAGE DIVERSION ABOVE ISLAND PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FOET	HENRYS NEAR ISLAND	
		STORED	NORMAL	TOTAL							STORED	NORMAL
AUG. 13	58,878	79	15	94	3	5	12	83	AUG. 14			
14	58,400	80	15	95	3	4	12	85	15	99,680	1313	49
15	58,043	80	15	95	3	5	12	84	16	97,215	1345	46
16	57,685	79	15	94	3	6	12	82	17	94,780	1334	44
17	57,446	85	15	100	3	6	12	88	18	92,450	1272	44
18	57,208	88	15	103	4	7	12	89	19	90,290	1198	47
19		86	16	102	3	7	12	88	20	88,090	1219	44
20		85	17	102	3	8	12	86	21	85,870	1228	43
21		83	18	101	3	8	12	84	22	83,750	1176	48
22		82	19	101	3	9	12	82	23	81,665	1204	45
23		80	20	100	3	10	12	79	24	79,440	1172	47
24		67	21	88	3	8	12	68	25	77,600	1077	44
25		40	22	62	2	9	12	41	26	75,685	1003	45
26	56,015	35	23	58	1	6	12	40	27	73,970	926	47
27	56,015	45	24	69	2	6	12	49	28	72,180	914	48
28	56,015	47	24	71	2	6	12	51	29	70,745	898	50
29	55,776	46	24	70	2	6	12	50	30	68,975	903	49
30	55,538	20	24	44	1	4	12	27	31	67,390	889	51
31	55,418	-5	24	19	0	3	12	4	SEPT. 1	65,800	879	51
SEPT. 1	55,657			18					2	64,140	871	51
2									3	62,620	736	51
3									4	61,545	562	51
4									5	60,535	549	51
5									6	59,540	572	51
6									7	58,430	540	51
7									8	57,510	454	51
8									9	56,735	411	41
9									10	56,180	295	41
10									11	55,675	275	41
11									12	55,300	239	51
12									13	54,800	242	51
13									14	54,385	249	51
14									15	53,770	310	51
										52,965	346	51
TOTALS		12,156			484	279	624	12,017			106,885	

- (A) LISTED HERE ONE DAY LATER THAN AT DAM.
 (B) INCLUDES STORAGE DIVERSIONS FROM FALL RIVER.
 (C) STORAGE DIVERSIONS FROM NATURAL FLOW OF TETON RIVER TRIBUTARY TO HENRYS FORK.

FLOW

1944

PLATE NO. 21

Y LATER THAN AT DAM.
VERSIONS FROM FALL RIVER

FROM NATURAL FLOW OF TETON RIVER TRIBUTARY TO HENRYS FORK.

DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FOOT	HENRYS FORK NEAR ISLAND PARK			STORED LOSS ISLAND PARK TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE (A)	STORAGE DIVERSION ASHTON TO ST. ANTHONY (B)	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSION ST. ANTHONY TO REXBURG	STORAGE DIVERSION FROM TETON RIVER (C)	DATE	STORAGE AT HENRYS FORK NEAR REXBURG
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL				
AUG. 14	59,680	1313	497	1810	33	AUG. 15	12,80	1230	2510	61	838	483	1027	1510	468		AUG. 15	15
15	91,215	1343	465	1810	34	16	1311	1159	2470	48	848	511	979	1490	451		17	69
16	94,780	1334	446	1780	33	17	1301	1139	2440	54	843	506	1004	1510	415		18	91
17	92,450	1272	448	1720	32	18	1240	1100	2340	23	839	404	976	1389	414		19	-19
18	90,290	1198	472	1670	30	19	1168	1192	2360	0	838	350	980	1310	394		20	-64
19	88,090	1219	441	1660	30	20	1189	1171	2360		837	382	958	1310	406		21	-54
20	85,870	1228	432	1660	31	21	1197	1163	2360		829	368	962	1330	419		22	-51
21	83,750	1176	484	1660	29	22	1147	1193	2340		810	337	1003	1340	437		23	-100
22	81,665	1204	456	1660	30	23	1174	1186	2360	0	794	380	980	1360	406		24	-26
23	79,440	1172	438	1610	29	24	1143	1137	2280	41	806	378	922	1300	369		25	9
24	77,600	1077	443	1520	27	25	1050	1150	2200	52	802	300	940	1240	322		26	-22
25	75,685	1003	497	1500	25	26	978	1142	2120	52	786	244	996	1240	337		27	-93
26	73,970	926	474	1400	23	27	903	1177	2080	58	744	217	1003	1220	323		28	-106
27	72,180	914	486	1400	23	28	891	1209	2100	52	743	200	1020	1220	317		29	-117
28	70,745	898	502	1400	22	29	876	1184	2060	38	705	206	1034	1240	328		30	-122
29	68,975	903	497	1400	23	30	880	1140	2020	29	680	229	991	1220	305		31	-76
30	67,390	889	511	1400	22	31	867	1173	2040	29	610	286	1004	1290	317		SEPT. 1	-31
SEPT. 1	65,800	879	521	1400	22	SEPT. 1	857	1223	2080	29	574	312	1028	1340	309	39	2	-36
2	64,140	871	529	1400	22	2	849	1271	2120	29	540	338	1122	1460	236	10	3	92
3	62,620	736	524	1260	18	3	718	1092	1810	6	497	227	1173	1400	236	3	4	-12
4	61,545	562	538	1100	14	4	548	1132	1700	0	482	66	1174	1240	225	7	5	-166
5	60,535	549	551	1100	14	5	531	1193	1790		464	73	1207	1280	225	5	6	-157
6	59,540	572	528	1100	14	6	558	1162	1720		465	93	1157	1250	238	5	7	-150
7	58,430	540	520	1060	14	7	526	1104	1630		454	72	1118	1190	246	3	8	-177
8	57,510	454	500	954	11	8	443	1107	1550		437	6	1114	1120	234	3	9	-231
9	56,735	411	471	882	10	9	401	959	1360		432	-31	1041	1010	253	2	10	-286
10	56,180	295	466	761	7	10	288	1092	1380		412	-124	1118	994	267	2	11	-393
11	55,675	275	491	766	7	11	268	1092	1360		407	-139	1111	972	284	1	12	-424
12	55,300	239	527	766	6	12	235	1147	1380		404	-171	1154	983	276	2	13	-449
13	54,800	242	524	766	6	13	236	1154	1390		400	-164	1158	994	228	1	14	-393
14	54,385	249	545	794	6	14	243	1207	1450		389	-146	1156	1010	252	1	15	-399
15	53,770	310	566	876	8	15	302	1228	1530		360	-58	1158	1100	260	2	16	-320
	52,965	346	530	876	9	16	337	1193	1530		337	0	1150	1150	180	3	17	-183
						17					342	-342	1672	1230	123	6	18	-471
						18					343	-343	1643	1300	123	8	19	-474
	106,885				1,342		52,546			4,416	49,216	19,746			20,184	4,499		-10,937

STORAGE DI

NAME OF CANAL	NO.	JULY																														
		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				
USERS ABOVE ISLAND PARK	1		5	5	5	5	5	5	6	6	6	6	6	6	6	6	5	4	3	3	3	4	2	3	4	4	4	4				
CONANT CREEK CANAL	2			11	11	11	11	15	24	24	24	24	25	25	24	23	22	21	21	20	20	21	21	21	20	20	20	20				
R.B.PETERSON (CONANT CREEK)	3						1	1	1	1	1	1	1	1	1	1	1	1	1	1				3	3	2	2	1				
YELLOWSTONE CANAL	4																		2	2	2	2	2	3	3	2	2					
MARYSVILLE CANAL	5						89	96	97	117	131	149	148	157	157	157	162	164	162	166	166	171	170	180	179	179	180	179				
FARMERS OWN CANAL	6						25	25	29	32	37	43	40	40	52	50	52	56	61	69	67	66	65	65	63	63	62	5				
ENTERPRISE CANAL	7		130	131	132	138	132	132	0	137	140	140	142	143	142	141	141	141	140	139	138	135	135	134	133	134	134	133				
BELL CANAL	8																															
FALL RIVER CANAL (INCL. CROSS CUT)	9	40	50	30	28	97	40	40	38	26	10	8	0	11	0	2	27	15	17	18	0	18	18	21	13	13	0					
CHESTER CANAL	10									2	1	2	1	12	10	11	19	15	14	16	7	12	11	10	11	10	11					
MCBEE CANAL	11																															
SILKEY CANAL	12																															
CURR CANAL	13																										20					
CROSS CUT CANAL (3)	14																										15					
DEWEY CANAL	15						6	0	24	10	16	16	16	11	11	11	11	11	16	16	16	16	16	15	15	15	15					
LAST CHANCE CANAL	16						76	75	75	59	46	43	42	42	40	40	40	41	41	41	42	42	43	55	56	56	56					
ST. ANTHONY UNION CANAL	17																										17					
FARMERS FRIEND CANAL	18			45	45	39	45	43	49	50	52	50	44	43	37	36	39	34	34	47	40	39	39	41	46	45	42					
TWIN GROVES CANAL	19																			84	76	80	82	80	88	84	76					
SALEM UNION CANAL	20																				174	174	188	194	197	198	198					
TOTAL ASHTON TO ST. ANTHONY	21	40	180	217	216	285	425	427	337	458	458	476	459	485	474	472	514	499	509	619	748	776	790	836	834	820	824					
EGIN CANAL	22						218	262	280	293	287	273	199	198	236	241	258	258	254	258	271	258	249	234	241	243	249					
INDEPENDENT CANAL	23																			84	73	92	109	84	92	80	89					
CONSOLIDATED FARMERS CANAL	24																															
TOTAL ST. ANTHONY TO REXBURG	25						218	262	280	293	287	273	199	198	236	241	258	258	254	342	344	350	358	318	333	323	334					

ON HEN

SECOND-FE

AUGUST

STORAGE DIVERSIONS ON HENRYS FORK AND FALL

24 HOUR SECOND-FEET EXCEPT AS NOTED
AUGUST

JULY

[illegible]

HENRYS FORK AND FALL RIVER

PLAT

ND- FEET EXCEPT AS NOTED

																															SEPTEMBER																		NO.	TOTAL SECOND- FEET	TOTAL ACRE- FEET	RESERVOIR RIGHTS IN			
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	F.N. DIST. ALLOTMENTS	F.N. DIST. SUPPLEMENT	HENRYS LAKE	AMERICAN FALLS																		
6	6	7	7	8	8	9	10	8	9	6	6	6	6	4	3																			1	279	553																			
18	17	17	17	17	17	16	16	16	15	17	17	17	17	17	17	17	17	18	18	13	10	9	9	9	9	8	7	7	6	6	9	9	11	2	1141	2263	2186	219																	
2	2	2	2	2	2	2	7	8	8	8	8	4	4	4	0																			3	14	28	30	3																	
36	136	129	133	127	125	118	121	132	124	119	108	108	106	106	106	106	100	87	80	83	82	75	75	73	75	73	72	75	75	63	33	40	40	4	107	212	1527																		
38	39	43	36	36	36	32	31	31	34	32	34	34	34	33	28	28	21	22	19	26	26	22	19	19	18	18	18	15	15	10	10	10	5	8088	16,043	18,927																			
35	135	135	133	134	134	139	138	141	143	143	143	143	139	137	137	134	135	133	132	130	130	129	129	129	123	123	123	123	123	104	109	105	105	6	2526	5011	8631																		
3	3	3	0	3	3	3	0	2	3	3	3	3	3	4	4	0																		7	9185	18,218	10,000			21,738															
																																		8	43	85	50																		
12	11	12	7	8	6	7	6	8	9	9	9	10	9	10	9	10	9	10	9	10	9	10	7	6	1	2	1	2	1	2	1	2	1	10	573	1137	1245																		
3	3	3	3	5	5	5	5	6	6	7	7	7	6	7	7	10	9	10	9	8	8	8	12	13	6	6	6	11	12	12	11	12	12	11	11	0	0	80																	
																																		12	269	534	503	50																	
172	168	167	162	160	160	160	159	162	144	120	121	89	69	18																				13	0	0	60																		
4	14	14	8	8	12	12	12	12	12	12	12	12	12	12	11	9	7	7	5	9	9	9	9	9	9	9	9	9	9	9	9	9	9	14	3851	7638	(4)																		
2	52	52	52	52	51	50	50	50	49	49	49	49	49	49	49	49	49	32	32	32	32	32	32	32	32	29	29	30	30	30	30	30	30	15	790	1567	619			1112															
																																		16	3043	6036	1801			11,038															
6	37	37	41	39	37	38	31	30	30	24	22	23	24	24	30	31	32	24	22	14	14	15	15	14	14	14	16	9	11	12	12	10	10	17	36	71	3637			5400															
0	70	68	65	68	65	67	65	63	62	67	65	65	65	63	49	48	42	42	42	40	42	42	45	46	45	45	43	42	28	28	27	27	27	18	2267	4497	5786			(2) 300															
8	158	176	174	176	176	161	152	148	145	152	147	147	147	145	148	130	117	112	112	103	103	103	85	82	80	80	80	77	79	84	86	88	88	19	3150	6248	6604			(2) 1522															
																																		20	7553	14,981	8178			19,218															
8	849	859	838	837	829	810	794	806	802	786	744	743	705	680	610	574	540	497	482	464	465	454	437	432	412	407	404	400	389	360	337	342	343	21	43,216	85,719	78,177	272	36,768	23,56															
9	57	57	57	57	57	57	49	49	6	21	33	33	37	17	17	0	12	12	0	0	13	17	14	17	33	53	45	2	0					22	1126	2233	2335			5400															
4	180	180	169	183	196	222	222	210	206	206	183	176	183	180	192	200	114	114	115	115	115	116	110	126	124	121	121	120	146	154	74	15	15	23	12,862	25,512	9290			21,283															
8	178	177	168	166	166	158	135	110	110	110	107	108	108	108	108	109	110	110	110	110	110	113	110	110	110	110	110	106	106	106	106	108	108	24	6,196	12,290	4971			15,962															
1	415	414	394	406	419	437	406	369	322	337	323	317	328	305	317	309	236	236	225	225	238	246	234	253	267	284	276	228	252	260	180	123	123	25	20,184	40,035	16,596			42,645															

- ① RENTED FROM FREMONT-MADISON IRRIGATION
- ② RENTED FROM BUREAU OF RECLAMATION
- ③ BELOW FALL RIVER CANAL DIVERSIONS
- ④ SEE PLATE NO. 23 FOR ALLOTMENTS TO

FALL RIVER

PLATE NO. 22

SEPTEMBER																		NO.	OTAL SECOND- FEET	TOTAL ACRE- FEET	RESERVOIR RIGHTS IN ACRE-FEET							
31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17				18	F.M.DIST. ALLOTMENT	F.M.DIST. SUPPLEMNT	HENRYS LAKE	AMERICAN FALLS	RENTALS	TOTAL RIGHT	HEADGATE EQUIVALENT
3																			1	279	553				① 660	660	660	
17	17	17	18	18	13	10	9	9	9	9	8	7	7	6	6	9	9	11	2	1141	2263	2186	219			2405	2345	
0																			3	14	28	30	3			33	32	
106	106	100	87	80	83	82	75	75	73	75	73	72	75	75	63	33	40	40	4	107	212	1527				1527	1489	
28	28	21	22	19	26	26	22	19	19	18	18	18	15	15	10	10	10	10	5	8088	16,043	18,927				18,927	18,454	
137	134	135	133	132	130	130	129	129	129	123	123	123	123	123	104	109	105	105	6	2526	5011	8631				8,631	8415	
0																			7	9185	18,218	10,000		21,738		31,738	29,910	
9	10	9	10	9	10	9	10	7	6	1	2	1	2	1	2	1	2	1	8	43	85	50			① 40	90	88	
7	10	9	10	9	10	9	10	7	6	1	2	1	2	1	2	1	2	1	9	580	1150	8313				8313	8105	
12	11	9	7	7	5	9	9	9	9	9	9	9	9	9	9	9	9	9	10	573	1137	1245				1245	1214	
49	49	49	32	32	32	32	32	32	32	29	29	30	30	30	30	30	30	30	11	0	0	80				80	78	
30	31	32	24	22	14	14	15	15	14	14	14	16	9	11	12	12	10	10	12	269	534	503	50			553	539	
49	48	42	42	42	40	42	42	45	46	45	45	43	42	28	28	27	27	27	13	0	0	60				60	58	
48	130	117	112	112	103	103	103	85	82	80	80	80	77	79	84	86	88	88	14	3851	7638	④						
10	574	540	497	482	464	465	454	437	432	412	407	404	400	389	360	337	342	343	15	790	1567	619		1112		1731	1645	
7	0	12	12	0	0	13	17	14	17	33	53	45	2	0					16	3043	6036	1801		11,038		12,839	12,088	
12	200	114	114	115	115	115	116	110	126	124	121	121	120	146	154	74	15	15	17	36	71	3637		5400		9037	8601	
18	109	110	110	110	110	110	113	110	110	110	110	110	110	106	106	106	106	108	18	2267	4497	5786			② 300	6086	5920	
1	309	236	236	225	225	238	246	234	253	267	284	276	228	252	260	180	123	123	19	3150	6248	6604			② 1528	8132	7856	
																			20	7553	14,981	8178		19,218		27,396	25,962	
																			21	43,216	85,719	78,177	272	36,768	23,566	40	138,823	132,799
																			22	1126	2233	2335		5400		7735	7331	
																			23	12,862	25,512	9290		21,283		30,573	28,980	
																			24	6,196	12,290	4971		15,962		20,933	19,788	
																			25	20,184	40,035	16,596		42,645		59,241	56,099	

- ① RENTED FROM FREMONT-MADISON IRRIGATION DISTRICT.
- ② RENTED FROM BUREAU OF RECLAMATION.
- ③ BELOW FALL RIVER CANAL DIVERSIONS.
- ④ SEE PLATE NO.23 FOR ALLOTMENTS TO TETON CANALS.

OPERATION OF CROSS CUT CANAL DURING 1944

PLATE NO. 22A

LOCATION	JULY												TOTAL	AUGUST																									
	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	22	23	24	25		
DIVERTED AT HEAD	0	190	188	188	190	188	188	190	190	190	190	1892	186	184	184	184	280	280	280	280	280	315	315	321	321	321	316	316	316	321	316	316	316	316	316	316	316	316	316
INFLOW FROM FALL RIVER CANAL	0	0	20	20	20	20	23	18	16	20	20	177	20	20	20	20	16	16	16	26	22	18	18	18	14	15	12	12	12	9	7	7	6	5	5	5	5	5	
TOTAL SUPPLY	0	190	208	208	210	208	211	208	206	210	210	2069	206	204	204	204	500	296	296	296	306	331	335	339	339	337	329	328	328	333	325	323	323	322	321	321	321	321	321
NORTH BRANCH DIVERSION	0	90	102	102	102	102	101	101	100	100	100	1000	101	103	103	98	96	93	89	89	88	90	84	85	82	81	80	80	79	78	77	76	75	74	74	74	74	74	
MIDDLE BRANCH DIVERSION	0	100	100	105	105	104	103	104	104	106	106	1037	104	99	99	84	84	84	84	84	84	85	83	83	83	83	84	83	82	82	82	81	81	81	81	81	81	81	
CROSS CUT BELOW FALL RIVER CANAL DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	118	112	117	118	124	163	176	171	176	176	172	171	172	168	167	167	160	160	160	159	157	157
CROSS CUT AT END	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	101	107	105	112	149	160	160	160	160	156	154	154	152	149	146	145	144	144	144	144	144	

LOCATION	AUGUST							SEPTEMBER																					
	26	27	28	29	30	31	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
DIVERTED AT HEAD	285	257	257	219	219	170	8619	146	133	131	131	130	132	131	131	131	128	128	128	128	130	132	132	132	132	70	69	68	2573
INFLOW FROM FALL RIVER CANAL	5	5	5	5	5	5	389	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	107
TOTAL SUPPLY	290	262	262	224	224	175	9008	151	138	136	136	135	137	136	136	136	133	133	133	133	136	138	137	137	137	75	74	73	2680
NORTH BRANCH DIVERSION	72	69	67	66	78	74	2555	70	70	69	69	69	70	70	70	71	69	69	69	69	68	69	68	68	68	52	51	51	1399
MIDDLE BRANCH DIVERSION	81	82	82	82	82	83	2613	81	68	67	67	66	67	66	66	65	64	64	64	64	68	69	69	69	69	23	23	22	1281
CROSS CUT BELOW FALL RIVER CANAL DIVERSION	144	120	121	89	69	18	3831																						0
CROSS CUT AT END	144	103	114	90	75	26	3501																						0

LOSS IN CROSS CUT CANAL FROM STATION BELOW FALL RIVER CANAL DIVERSIONS TO END = 3831 - 3501 = 330 SECOND-Feet = 8.6%.

CANAL

① RENTED FROM FREMONT-MADISON IRRIGATION DISTRICT.
② DIVERSIONS DIVIDED BY 1.75.
③ LISTED HERE ONE DAY LATER THAN ACTUAL DIVERSION.

24 HO

- ① RENTED FROM FREMONT-MADISON IRRIGATION DISTRICT.
- ② DIVERSIONS DIVIDED BY 1.75.
- ③ LISTED HERE ONE DAY LATER THAN ACTUAL DIVERSION.

DAILY STORAGE DIVERSIONS FROM TETON RIVER

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST

AUGUST																																															
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	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7				
60	65	78	77	71	64	67	65	65	64	68	64	61	63	58	61	54	53	52	52	54	52	51	50	50	48	48	47	47	47	47	46	44	44	44													
9	3	8	7	7	7	7	7	6	5	33	32	30	30	30	30	30	30	28	28	26	27	25	25	24	25	25	25	24	24	24	24	23	23	23													
				59	43	36	36	32	30	29	36	38	38	38	36	36	32																														
24	24	19	25	20	20	18	16	16	15	16	12	9	9	6	6	6																															
13	7	12	18	12	12	10	2	6	8	9	14	14	14	14	15	8	12	12	12																												
106	99	117	186	153	139	138	122	123	121	162	160	152	154	144	148	130	95	92	92	80	79	76	75	74	73	73	72	71	71	71	70	67	67	67													
65	61	57	67	106	87	79	79	70	70	69	93	91	87	88	82	85	74	54	53	53	46	45	43	43	42	42	42	41	41	41	41	40	38	38	38												
14	13	12	12	11	11	11	11	11	11	10	9	9	8	8	8	8	7	7	7	7	7	7	6	6	5	5	5	5	4	4	4	4	4	4	4	5											
79	74	69	79	117	98	90	90	81	81	79	102	100	95	96	90	93	81	61	60	60	53	52	49	49	47	47	47	46	45	45	45	44	42	42	43												
											0	101	101	107	105	112	149	160	160	160	160	156	154	152	149	146	145	144	145	144	145	144	103	114	90	75	26										
0	23	21	21	19	19	16	16	19	23	23	21	20	18	20	22	24	19	17	19	19	18	18	20	20	26	26	26	26	26	23	26	26	19	20	24	24	7	6	8	0							
3	2	3	1	4	4	4	3	2	3	3	3	3	4	3	4	4	5	4	4	4	4	3	3	2	1	0	0	1	2	2	2	2	1	1	1	0	0	0	0	3	2	2					
						0	2	0	0	0	1	4	3	3	3	2	4	2	3	3	3	1	0	0	0	3	3	0																			
12	10	8	8	7	2	4	3	4	6	10	9	10	10	9	7	8	8	0																													
1	2	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0															
						0	0	6	1	0						0	1	1	0							0	2	9	9	9	9	9	9	7	6	3	5	2	1	2	3	4	3	3			
											0	2	2	2	0	3	3	4	3	2	2	2	2	2	3	2	5	5	5	5	0																
0											0	42	47	47	47	46	39	52	50	44	44	60	65	76	68	55	53	0	23	22	0																
17	37	35	35	36	34	32	30	29	33	25	26	23	17	18	34	35	34	38	43	39	39	37	36	35	35	35	36	36	36	36	35	36	35	33	32	32	32	32									
3	8	3	7	6	11	2	0	0	25	28	28	26	9	9	18	25	25	0	0	0	22	25	18	15	12	11	6	6	8	6	0																
2	0					0	5	0	8	12	9	8	6	1	0	0	0	2	0	2	0	0	1	4	0	0	0	0	1	1	2	0															
6	2	2	0	6	20	19	3	0	7	24	16	11	8	16	24	27	8	13	5	14	12	15	18	21	19	11	9	11	15	13	26	22	27	22	4	0											
44	84	74	73	79	91	79	66	55	106	127	119	107	78	80	157	178	154	129	123	123	151	151	143	145	159	159	168	163	155	146	101	107	109	82	65	41	39	10	3	7	5	5					
3	158	143	152	196	189	169	156	136	40	38	61	59	54	52	0																																

DISTRICT.

DIVERSION.

DIVERSIONS FROM TETON RIVER 1944

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST																															SEPTEMBER																			NO.	TOTAL SECOND- FEET	TOTAL ACRE- FEET	FREMONT- MADISON ALOTMENT ACRE-FEET	FREMONT- MADISON SUPPLEMENT ACRE-FEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
4	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

ON RIVER 1944

PLATE NO. 23

SEPTEMBER																			NO.	TOTAL SECOND- FEET	TOTAL ACRE- FEET	FREMONT- MADISON ALOTTMET ACRE-FEET	FREMONT- MADISON SUPPLEMENT ACRE-FEET	RENTALS ACRE-FEET	CREDIT FROM UPSTREAM DIVERSIONS ACRE-FEET	TOTAL IN RESERVOIR ACRE-FEET	HEADGATE EQUIVALENT ACRE-FEET	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19										
																			1	2,876	5,704	3,142	456			3,598	5,810	
																			2	1,009	2,003	1,277	128			1,405	2,950	
																			3	84	167			① 103		103	158	
																			4	773	1,533	880	132			1,012	1,547	
																			5	557	1,105	857		① 236		1,093	1,840	
																			6	35	69	215				215	329	
																			7	348	690	157	23	① 264		444	719	
																			8			145				145	222	
																			9	5,682	11,271	6,673	739	603		8,015	13,575	
																			10	3,248	6,442	6,673	739	603		8,015	13,575	
																			11	451	895	1,200				1,200	1,170	
																			12	3,699	7,337	7,873	739	603		9,215	14,745	
																			13	3,501	6,944							
																			14	0	0	487				487	427	
8	0															0	1	0	15	1,016	2,015	2,035	306			2,341	2,054	
0	0	3	2	2	1	1	0						0	1	2	0			16	144	286	329				329	289	
																			17	0	0	1,543			136	1,679	1,473	
																			18	76	151	150	22			172	151	
																			19	221	438	452	68			520	456	
																			20	33	65	120				120	105	
																			21	0	0	230				230	202	
2	3	4	3	3	2	2	2	2	2	1	2	1	1	1	1	4	5	0	22	159	315	366				366	321	
																			23	54	107	212				212	186	
																			24	880	1,746	9,209			2,540	11,749	10,309	
																0	2	2	0	25	36	71	789		170	959	842	
																			26	1,811	3,592	3,604	540			4,144	3,636	
																			27	400	793	1,390			298	1,688	1,482	
																			28	102	202			① 300		300	263	
																			29	784	1,555	2,499				2,499	2,193	
																			30	0	0	103				103	90	
10	3	7	5	5	3	3	2	2	1	2	1	1	2	3	6	8	0	31	5,716	11,336	23,518	936	300	3,144	27,898	24,479		
10	3	7	5	5	3	3	2	2	1	2	1	1	2	3	6	8	0	32	4,499	8,924								

MISCELLANEOUS STREAM

24 HOUR

[illegible]

MISCELLANEOUS STREAM FLO

24 HOUR SECOND-FE

STREAM	MAY							JUNE																															24 HOUR SECOND-FE										
	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	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	
UPPER TETON RIVER						146																																											
TRAIL CREEK ABOVE STRING CANAL						89						145				222						206				190	214		197				270		190			177		164	162		151						
GAME CREEK AT MOUTH						12						89				122						115				92	135		115			270		190			177		164	162		151							
STRING CANAL						18						20				0						16				14	15					270		190			177		164	162		151							
KIMBALL CANAL						21				20		19	22			31		27				24		26		27	39		44			270		190			177		164	162		151							
RICKS-KIRSLEY CANAL						47	54			20		17	18			28		21				15		19		25	30		25			270		190			177		164	162		151							
TOWN CANAL						0				27		51	52			67		37				51		51		51	51		65			270		190			177		164	162		151							
EDWARDS CANAL						29				30		29	27			28		24				29		31		34	40		48			270		190			177		164	162		151							
SPENCER CANAL						17				22		13	12			7		10				12		14		10	14		30			270		190			177		164	162		151							
HUMBLE CANAL						20				22		16	21			52		31				30		31		30	49		45			270		190			177		164	162		151							
TONKS CANAL						107						65				84		39														270		190			177		164	162		151							
FOX CREEK ABOVE DIVERSIONS						290						114				159																270		190			177		164	162		151							
NORTH CANAL						8						15																				270		190			177		164	162		151							
DARBY CREEK ABOVE DIVERSIONS						20						14																				270		190			177		164	162		151							
HILL CANAL						13																										270		190			177		164	162		151							
TODD CANAL																																270		190			177		164	162		151							
CANNON CANAL																																270		190			177		164	162		151							
CHERRY GROVE CANAL																																270		190			177		164	162		151							
GRAND TETON CANAL						236		273								197	210					177									270		190			177		164	162		151								
TETON CREEK BELOW GRAND TETON CANAL						182										95	87					220									270		190			177		164	162		151								
CENTRAL TETON CANAL						12										29						37									270		190			177		164	162		151								
W. LEIGH CREEK AT STATE LINE						133										82					95										270		190			177		164	162		151								
BIG HOGG CANAL						56										72					45										270		190			177		164	162		151								
LITTLE HOGG CANAL						4										3					3										270		190			177		164	162		151								
KILPACK CANAL						6										2					4										270		190			177		164	162		151								
W. LEIGH CREEK AT FOREST BOUNDARY						200															155										270		190			177		164	162		151								
ING CREEK AT HIGHWAY BRIDGE								210		184	140					178								182		125	158		102	92	200					177		164	162		151								
TETONIA CANAL																																270		190			177		164	162		151							
ER CREEK 2 MILES E. OF HONEYDALE SCH.																								140							270		190			177		164	162		151								
ON CREEK CANAL	10																						26													177		164	162		151								
SWAN VALLEY																																																	
H FORK INDIAN CREEK																																																	
H FORK INDIAN CREEK																																																	
ADE CANAL																																																	
ADE CREEK BELOW PALISADE CANAL								100	102	101						104	104				102	98	96	94																									
Y CREEK ABOVE DIVERSIONS																																																	
UPPER FALL RIVER																																																	
CREEK CANAL																																																	
EL CREEK CANAL																																																	
T CREEK CANAL																																																	

STREAM FLOW RECORDS

1944

24 HOUR SECOND-FEET

JUNE

JULY

[illegible]

PLATE

JULY

AUGUST

SEPT E

[illegible]

SECOND-FEET

1944

PLATE NO

JULY

AUGUST

SEPTENN

[illegible]

1944

PLATE NO. 24

AUGUST

SEPTEMBER

[illegible]

JACKSON LAKE at MORAN, WYOMING

for the year ending September 30, 1911

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	650340	655670	647920	656640	674330	696030	720580	749020	853640	852100	682370	40542
2	650100	655430	647920	658090	675550	697500	721070	751020	851070	853380	672860	39938
3	649370	655670	648400	659060	676030	698230	722300	752260	849790	851580	663900	39290
4	649130	656640	648400	660030	676760	699950	722800	753510	850050	852100	644320	38736
5	649130	655910	648400	661000	677740	700930	724030	756000	849790	852350	634460	38271
6	649130	655430	648400	662690	678720	701420	725270	759480	850560	852100	623640	372300
7	649130	654940	648400	663180	679690	702160	727000	762470	853380	852610	613610	366800
8	649130	653970	647920	663660	680420	702900	728240	766950	855680	852350	604770	360880
9	649620	653250	647920	664140	681400	703630	729470	771940	854150	851840	596200	352990
10	650100	652520	647440	664390	682370	704370	730460	775950	852350	847480	588140	345130
11	650580	653250	647440	664630	682860	705110	731700	779710	852100	840610	580310	336880
12	650830	653730	647200	665360	684080	706090	732690	784730	851580	833990	570150	329070
13	651070	653730	646960	665600	684810	707070	733680	790750	852350	828140	559790	319820
14	651070	653000	647200	665840	685540	707810	734660	792280	853120	820510	548980	313810
15	651070	652280	648160	666320	686280	709280	736150	813440	852610	804100	528630	305870
16	651070	652280	647680	666320	686280	708540	735410	805860	853890	811670	538210	305870
17	651070	652280	647680	666320	686280	708540	735410	805860	853890	811670	538210	305870
18	652280	652040	648160	666810	687010	710020	736640	822290	851840	795760	519560	298870
19	652280	652040	648650	667290	687490	710760	737140	828400	852100	787490	510960	297810
20	654220	652040	649370	667530	687980	711490	737880	833480	852100	779460	502160	297390
21	654700	651550	649860	667780	688470	712470	738370	838320	852610	770190	493860	297390
22	654940	650830	650340	668260	689440	713210	738870	842900	852870	762220	485320	297390
23	655670	650580	651070	668740	690660	713700	739360	847230	852100	753260	478660	297390
24	656150	650580	652520	669710	692130	715180	740840	850560	852100	746280	469030	297390
25	656640	650580	652520	669710	692130	715180	740840	850560	852100	746280	469030	297390
26	656150	650340	653490	670200	692860	716160	742330	851070	853120	730710	452600	297810
27	655910	649370	648400	670920	693590	717140	743070	851580	855940	723290	444640	298240
28	656640	648400	647920	671650	694080	717880	744060	853120	852100	716400	436910	298660
29	655910	647920	647680	672380	694570	718610	745300	853120	850560	708540	428790	299510
30	656150	655670	655670	673110	694570	719100	747530	850820	852100	699710	420450	300570
31	656150	655670	655670	673110	694570	719100	747530	850820	852100	699710	420450	300570

Year
or
Month
Mean
Acres-Feet

Snake River at Moran, Wyoming

Daily discharge, in second-feet, of

for the year ending September 30, 1914

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	712	696	453	47	34	6	7	25	6130	2490	5940	4110
2	712	696	448	47	34	6	8	24	6570	3350	6030	3780
3	712	696	444	47	34	6	7	22	5650	3260	6330	3510
4	662	696	444	40	34	6	8	22	4320	2370	6160	3120
5	591	696	444	40	34	6	12	22	3940	1890	6250	2870
6	505	696	444	40	34	6	15	18	3940	1900	6740	3170
7	458	690	444	40	34	6	18	18	3340	1900	6570	3460
8	390	690	444	40	34	6	22	18	3400	1900	5860	3260
9	292	690	444	40	34	6	23	13	5530	2080	5250	4040
10	292	690	444	40	34	6	24	10	5930	3590	5280	4760
11	292	313	444	40	34	6	25	10	4820	5240	4840	4550
12	292	408	444	40	34	6	26	10	4440	5400	6140	4880
13	292	657	444	40	34	6	26	10	3880	4900	6250	4420
14	292	657	444	40	34	6	26	10	3710	5490	6670	4420
15	292	657	394	40	34	6	26	12	3770	6150	6640	4240
16	292	657	47	40	34	6	26	12	4520	6080	6230	3690
17	292	657	47	40	34	6	26	12	4640	6180	5770	2330
18	292	657	47	40	34	6	23	23	3940	6180	5520	640
19	292	657	47	40	34	6	24	25	2550	6110	5320	453
20	292	657	47	40	34	6	24	24	3070	6130	5320	381
21	292	657	47	40	34	6	24	24	3180	6270	5200	354
22	292	657	47	40	34	6	24	24	3640	6010	5080	337
23	288	657	47	40	34	6	24	24	3600	5650	5110	337
24	284	657	47	40	34	6	24	24	2900	5770	5270	337
25	402	657	47	40	23	6	25	2190	2650	5720	4930	201
26	701	657	47	40	13	6	25	2190	3510	5040	5040	36
27	696	657	47	34	6	6	25	2500	5770	4920	4820	35
28	696	657	47	34	6	6	25	4240	4660	5200	4920	35
29	696	657	47	34	6	6	25	6080	2350	5590	5000	35
30	696	496	47	34	6	6	25	5350	2130	5930	4920	35
31	696		47	34		6		4800		5960	4420	

U. S. GOVERNMENT PRINTING OFFICE

5-7183

Year

Mean

1597

Acres-Foot 1,159,389

Mean	Acres-Foot
451	27,740
644	38,320
238	14,640
39.7	2,440
30.0	1,730
6.0	369
21.4	1,270
1036	63,680
4083	242,900
4666	286,900
5607	344,800
2262	134,600

Snake River near Heise, Idaho

Daily discharge, in second-feet, of

for the year ending September 30, 1914

PLATE NO. 21

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4780	4310	3620	2700	2500	2370	2320	4550	16600	12900	9840	7150
2	4730	4170	3560	2740	2550	2370	2420	4700	18000	13500	9810	7020
3	4700	4080	3490	2760	2600	2320	2560	4120	19000	14600	9670	6720
4	4380	4210	3490	2670	2650	2300	2840	3940	18000	14300	9950	6600
5	4380	4600	3470	2700	2700	2320	3260	4140	16000	13100	9700	6430
6	4260	4600	3490	2880	2900	2310	3510	4780	14700	11500	9600	5980
7	4190	4240	3450	2720	2900	2240	3760	5420	14600	11200	9980	5870
8	4080	4030	3450	2500	2700	2210	3730	5760	14700	10700	9950	6310
9	4030	4010	3400	2500	2600	2260	3620	5920	15400	10200	9420	6030
10	3940	4030	3190	2450	2500	2310	3760	6750	19000	9840	8570	6230
11	3980	4050	3150	2300	2400	2300	4080	6720	19600	10200	8540	6990
12	4170	3980	3190	2200	2360	2250	4550	6690	18000	11800	8030	6930
13	4140	3690	3230	2200	2380	2250	4720	6930	17200	11700	8880	7180
14	4010	3800	3230	2250	2420	2280	4310	7530	16100	11100	9110	6810
15	3980	3920	3230	2350	2450	2220	3890	8400	15900	11200	9460	6780
16	3960	3920	3200	2400	2430	2190	3510	9150	15800	11800	9530	6600
17	3920	3890	2950	2450	2370	2210	3360	9670	16400	11600	9250	6570
18	3890	3890	2850	2500	2420	2280	3210	10600	16800	11500	8770	6140
19	3980	3920	2820	2550	2360	2250	3170	10300	15400	11500	8540	4500
20	4240	3940	2880	2600	2370	2260	3150	9460	13600	11600	8160	3800
21	4280	3960	2880	2600	2400	2260	3230	8880	13900	11400	8160	3510
22	4260	3940	2840	2600	2460	2250	3280	8570	14600	11500	7990	3380
23	4120	3960	2800	2620	2450	2190	3340	8330	14800	11200	7820	3280
24	3980	4010	2760	2640	2420	2240	3470	8060	13900	10500	7720	3210
25	3960	3980	2780	2650	2370	2220	3620	7890	13300	10400	8060	3170
26	3960	3870	2760	2650	2370	2180	3670	8540	14100	10500	7630	3110
27	4100	3620	2690	2600	2370	2170	3710	8600	17800	9840	7660	3020
28	4380	3580	2580	2400	2310	2170	3890	9460	19400	9420	7460	2860
29	4450	3620	2480	2500	2320	2150	4140	12000	17000	9500	7530	2820
30	4400	3620	2580	2400	2320	2220	4500	15300	13600	9670	7630	2960
31	4400	3620	2670	2500	2320	2250	4500	16100	13600	9840	7630	2960

Year	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903
Mean	4165	3981	3070	2535	2484	2252	3553	7967	16100	11280	8711	5265
Agave-Plant	256,100	236,900	188,700	155,900	142,900	138,400	211,400	489,800	958,400	693,400	535,600	313,300

Year 1914
OR
Agave-Plant 4,320,800

Snake River near Shelly, Idaho, for the year ending September 30, 1914. PLATE NO. 28

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2940	5510	4220	2750	3200	3500	3330	6050	11900	13000	3520	2700
2	2940	5470	4270	2850	3250	3600	3420	6240	13700	11400	3330	2880
3	2880	5380	4270	2900	3330	3650	3520	5990	16200	11300	3210	3290
4	2960	5190	4220	2900	3400	3650	3730	5190	18200	10400	3370	2980
5	3030	5380	4140	2900	3500	3650	4020	5150	16600	8240	3330	2490
6	3090	5630	4070	2900	3500	3500	4380	5510	16100	6770	3400	2060
7	2960	5890	4070	2800	3550	3700	4870	6050	15700	6020	3480	1800
8	2850	5600	4040	2650	3800	3650	4750	6210	16000	5090	3400	1690
9	2790	5440	3900	2550	3850	3390	4640	6470	17800	4170	3000	1660
10	2790	5310	3700	2550	3800	3500	4690	7130	20800	3550	2650	2000
11	2880	5310	3220	2600	3800	3520	5220	7000	21700	3730	2540	2720
12	3110	5310	3270	2750	3700	3520	5630	6700	20800	4410	2680	2900
13	3480	5000	3270	3100	3650	3400	5730	6600	19800	4220	3550	2810
14	3620	5030	3270	3300	3600	3400	5310	6670	18500	3800	3870	2540
15	3620	5150	3370	3360	3500	3400	4810	6700	17800	3870	3850	2540
16	3730	5060	3400	3440	3450	3400	4380	6730	17300	4120	4020	3010
17	3830	4780	3400	3500	3400	3400	4250	7600	17600	4120	4000	3950
18	3830	4720	3340	3600	3350	3440	4040	9080	17100	4100	3520	4170
19	4000	4690	3520	3700	3350	3550	3870	9120	14200	4100	3190	3350
20	4720	4660	3780	3700	3350	3570	8940	8940	10700	4270	3130	2790
21	4720	4660	3850	3650	3370	3520	8450	8210	8870	4750	3000	2510
22	4940	4660	3780	3650	3500	3440	7870	8210	7840	4520	2980	2470
23	5000	4690	3710	3600	3600	3440	7100	7870	6630	4100	3000	2320
24	4940	4780	3680	3600	3650	3420	6470	7100	6630	4100	3000	2320
25	5060	4660	3560	3600	3700	3310	6470	6470	10500	4000	2900	2100
26	4970	4660	3470	3600	3600	3270	5950	5540	15600	3920	2880	1890
27	4870	4460	3470	3600	3600	3190	5540	5540	15600	3750	2880	1760
28	5150	4250	3250	3550	3500	3190	4660	5950	17900	3620	2740	1580
29	5280	4220	2550	3450	3500	3190	4940	5950	16200	3640	2540	1560
30	5310	4250	2520	3300	3500	3190	8240	8240	16200	3850	2590	1560
31	5470	4250	2580	3150	3500	3270	5350	11100	11100	3850	2590	1560

Year	Mean	Year	Mean	Year	Mean	Year	Mean	Year	Mean	Year	Mean	Year	Mean
1917	3917	1918	3581	1919	3189	1920	203,100	1921	211,300	1922	263,600	1923	427,700
1924	5014	1925	3581	1926	3189	1927	203,100	1928	211,300	1929	263,600	1930	427,700
1931	3917	1932	3581	1933	3189	1934	203,100	1935	211,300	1936	263,600	1937	427,700
1938	5014	1939	3581	1940	3189	1941	203,100	1942	211,300	1943	263,600	1944	427,700
1945	3917	1946	3581	1947	3189	1948	203,100	1949	211,300	1950	263,600	1951	427,700
1952	5014	1953	3581	1954	3189	1955	203,100	1956	211,300	1957	263,600	1958	427,700
1959	3917	1960	3581	1961	3189	1962	203,100	1963	211,300	1964	263,600	1965	427,700
1966	5014	1967	3581	1968	3189	1969	203,100	1970	211,300	1971	263,600	1972	427,700
1973	3917	1974	3581	1975	3189	1976	203,100	1977	211,300	1978	263,600	1979	427,700
1980	5014	1981	3581	1982	3189	1983	203,100	1984	211,300	1985	263,600	1986	427,700
1987	3917	1988	3581	1989	3189	1990	203,100	1991	211,300	1992	263,600	1993	427,700
1994	5014	1995	3581	1996	3189	1997	203,100	1998	211,300	1999	263,600	2000	427,700
2001	3917	2002	3581	2003	3189	2004	203,100	2005	211,300	2006	263,600	2007	427,700
2008	5014	2009	3581	2010	3189	2011	203,100	2012	211,300	2013	263,600	2014	427,700
2015	3917	2016	3581	2017	3189	2018	203,100	2019	211,300	2020	263,600	2021	427,700
2022	5014	2023	3581	2024	3189	2025	203,100	2026	211,300	2027	263,600	2028	427,700
2029	3917	2030	3581	2031	3189	2032	203,100	2033	211,300	2034	263,600	2035	427,700
2036	5014	2037	3581	2038	3189	2039	203,100	2040	211,300	2041	263,600	2042	427,700
2043	3917	2044	3581	2045	3189	2046	203,100	2047	211,300	2048	263,600	2049	427,700
2050	5014	2051	3581	2052	3189	2053	203,100	2054	211,300	2055	263,600	2056	427,700
2057	3917	2058	3581	2059	3189	2060	203,100	2061	211,300	2062	263,600	2063	427,700
2064	5014	2065	3581	2066	3189	2067	203,100	2068	211,300	2069	263,600	2070	427,700
2071	3917	2072	3581	2073	3189	2074	203,100	2075	211,300	2076	263,600	2077	427,700
2078	5014	2079	3581	2080	3189	2081	203,100	2082	211,300	2083	263,600	2084	427,700
2085	3917	2086	3581	2087	3189	2088	203,100	2089	211,300	2090	263,600	2091	427,700
2092	5014	2093	3581	2094	3189	2095	203,100	2096	211,300	2097	263,600	2098	427,700
2099	3917	2100	3581	2101	3189	2102	203,100	2103	211,300	2104	263,600	2105	427,700
2106	5014	2107	3581	2108	3189	2109	203,100	2110	211,300	2111	263,600	2112	427,700
2113	3917	2114	3581	2115	3189	2116	203,100	2117	211,300	2118	263,600	2119	427,700
2120	5014	2121	3581	2122	3189	2123	203,100	2124	211,300	2125	263,600	2126	427,700
2127	3917	2128	3581	2129	3189	2130	203,100	2131	211,300	2132	263,600	2133	427,700
2134	5014	2135	3581	2136	3189	2137	203,100	2138	211,300	2139	263,600	2140	427,700
2141	3917	2142	3581	2143	3189	2144	203,100	2145	211,300	2146	263,600	2147	427,700
2148	5014	2149	3581	2150	3189	2151	203,100	2152	211,300	2153	263,600	2154	427,700
2155	3917	2156	3581	2157	3189	2158	203,100	2159	211,300	2160	263,600	2161	427,700
2162	5014	2163	3581	2164	3189	2165	203,100	2166	211,300	2167	263,600	2168	427,700
2169	3917	2170	3581	2171	3189	2172	203,100	2173	211,300	2174	263,600	2175	427,700
2176	5014	2177	3581	2178	3189	2179	203,100	2180	211,300	2181	263,600	2182	427,700
2183	3917	2184	3581	2185	3189	2186	203,100	2187	211,300	2188	263,600	2189	427,700
2190	5014	2191	3581	2192	3189	2193	203,100	2194	211,300	2195	263,600	2196	427,700
2197	3917	2198	3581	2199	3189	2200	203,100	2201	211,300	2202	263,600	2203	427,700
2204	5014	2205	3581	2206	3189	2207	203,100	2208	211,300	2209	263,600	2210	427,700
2211	3917	2212	3581	2213	3189	2214	203,100	2215	211,300	2216	263,600	2217	427,700
2218	5014	2219	3581	2220	3189	2221	203,100	2222	211,300	2223	263,600	2224	427,700
2225	3917	2226	3581	2227	3189	2228	203,100	2229	211,300	2230	263,600	2231	427,700
2232	5014	2233	3581	2234	3189	2235	203,100	2236	211,300	2237	263,600	2238	427,700
2239	3917	2240	3581	2241	3189	2242	203,100	2243	211,300	2244	263,600	2245	427,700
2246	5014	2247	3581	2248	3189	2249	203,100	2250	211,300	2251	263,600	2252	427,700
2253	3917	2254	3581	2255	3189	2256	203,100	2257	211,300	2258	263,600	2259	427,700
2260	5014	2261	3581	2262	3189	2263	203,100	2264	211,300	2265	263,600	2266	427,700
2267	3917	2268	3581	2269	3189	2270	203,100	2271	211,300	2272	263,600	2273	427,700
2274	5014	2275	3581	2276	3189	2277	203,100	2278	211,300	2279	263,600	2280	427,700
2281	3917	2282	3581	2283	3189	2284	203,100	2285	211,300	2286	263,600	2287	427,700
2288	5014	2289	3581	2290	3189	2291	203,100	2292	211,300	2293	263,600	2294	427,700
2295	3917	2296	3581	2297	3189	2298	203,100	2299	211,300	2300	263,600	2301	427,700
2302	5014	2303	3581	2304	3189	2305	203,100	2306	211,300	2307	263,600	2308	427,700
2309	3917	2310	3581	2311	3189	2312	203,100	2313	211,300	2314	263,600	2315	427,700
2316	5014	2317	3581	2318	3189	2319	203,100	2320	211,300	2321	263,600	2322	427,700
2323	3917	2324	3581	2325	3189	2326	203,100	2327	211,300	2328	263,600	2329	427,700
2330	5014	2331	3581	2332	3189	2333	203,100	2334	211,300	2335	263,600	2336	427,700
2337	3917	2338	3581	2339	3189	2340	203,100	2341	211,300	2342	263,600	2343	427,700
2344	5014	2345	3581	2346	3189	2347	203,100	2348	211,300	2349	263,600	2350	427,700
2351	3917	2352	3581	2353	3189	2354	203,100	2355	211,300	2356	263,600	2357	427,700
2358	5014	2359	3581	2360	3189	2361	203,100	2362	211,300	2363	263,600	2364	427,700
2365	3917	2366	3581	2367	3189	2368	203,100	2369	211,300	2370	263,600	2371	427,700
2372	5014	2373	3581	2374	3189	2375	203,100	2376	211,300	2377	263,600	2378	427,700
2379	3917	2380	3581	2381	3189	2382	203,100	2383	211,300	2384	263,600	2385	427,700
2386	5014	2387	3581	2388	3189	2389	203,100	2390	211,300	2391	263,600	2392	427,700
2393	3917	2394	3581	2395	3189	2396	203,100	2397	211,300	2398	263,600	2399	427,700
2400	5014	2401	3581	2402	3189	2403	203,100	2404	211,300	2405	263,600	2406	427,700
2407	3917	2408	3581	2409	3189	2410	203,100	2411	211,300	2412	263,600	2413	427,700
2414	5014	2415	3581	2416	3189	2417	203,100	2418	211,300	2419	263,600	2420	427,700
2421	3917	2422	3581	2423	3189	2424	203,100	2425	211,300	2426	263,600	2427	427,700
2428	5014	2429	3581	2430	3189	2431	203,100	2432	211,300	2433	263,600	2434	427,700
2435	3917	2436	3581	2437	3189	2438	203,100	2439	211,300	2440	263,600	2441	427,700
2442	5014	2443	3581	2444	3189	2445	203,100	2446	211,300	2447	263,600	2448	427,700
2449	3917	2450	3581	2451	3189	2452	203,100	2453	211,300	2454	263,600	2455	427,700
2456	5014	2457	3581	2458	3189	2459	203,100	2460	211,300	2461	263,600	2462	427,700
2463	3917	2464	3581	2465	3189	2466	203,100	2467	211,300	2468	263,600	2469	427,700
2470	5014	2471	3581	2472	3189	2473	203,100	2474	211,300	2475	263,600	2476	427,700
2477	3917	2478	3581	2479	3189	2480	203,100	2481	211,300	2482	263,600	2483	427,700
2484	5014	2485	3581	2486	3189	2487	203,100	2488	211,300	2489	263,600	2490	427,700
2491	3917	2492	3581	2493	3189	2494	203,100	2495	211,300	2496	263,600	2497	427,700
2498	5014	2499	3581	2500	3189	2501	203,100	2502	211,300	2503	263,600	2504	427,700
2505	3917	2506	3581	2507	3189	2508	203,100	2509	211,300	2510	263,600	2511	427,700
2512	5014	2513	3581	2514	3189	2515	203,100	2516	211,300	2517	263,600	2518	427,700
2519	3917	2520	3581	2521	3189	2522	203,100	252					

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	173	335	276	170	110	70	172	186	32	50	5	7
2	118	331	271	170	110	75	174	168	174	33	3	7
3	118	326	248	170	110	75	177	156	320	39	3	12
4	110	318	261	170	110	75	262	174	340	25	4	16
5	113	309	260	170	110	65	324	132	176	32	5	15
6	129	300	288	150	120	65	322	118	88	36	11	11
7	118	296	277	150	140	70	332	100	229	27	11	6
8	137	296	277	150	140	80	388	84	282	12	6	6
9	186	293	262	150	130	120	401	103	235	8	7	6
10	198	284	205	150	120	120	346	135	256	6	14	12
11	180	274	315	115	90	120	327	248	387	4	18	14
12	187	274	274	109	90	120	370	220	433	5	17	14
13	271	279	190	105	90	120	397	193	349	1	17	26
14	348	285	190	103	90	120	414	173	404	1	22	26
15	364	282	190	100	90	120	372	151	346	1	7	7
16	446	280	190	105	50	120	311	80	276	0	15	7
17	340	279	190	105	45	120	257	57	235	0	10	10
18	316	274	190	105	50	128	225	58	180	0	12	76
19	239	275	195	105	60	160	189	70	122	3	7	253
20	275	270	200	100	60	227	147	49	17	6	6	79
21	276	262	200	100	60	122	122	36	4	11	5	85
22	285	259	200	100	55	107	107	28	6	6	3	89
23	285	265	200	100	50	139	139	33	10	6	4	99
24	296	273	200	100	50	147	147	60	13	11	5	100
25	291	279	200	100	50	157	157	37	1	11	6	97
26	285	304	190	100	55	220	220	20	1	12	5	47
27	284	324	180	100	60	286	286	29	10	6	7	28
28	285	295	180	100	65	285	285	10	21	5	10	18
29	289	285	170	100	68	253	253	0	35	4	9	9
30	294	289	170	100		217	217	5	67	5	14	10
31	301	294	170	100				9		5	10	

Mean	17,890	17,220	13,360	7,450	4,820	7,450	15,550	5,740	9,940	740	516	2,370
Mean	24.2	28.9	21.7	12.1	83.7	12.1	26.1	93.3	16.7	12.0	8.4	39.8

Year or Period
Mean
138
100,046
Acre-Feet

Snake River at Clough Ranch near Blackfoot, Idaho

for the year ending September 30, 19

PLATE NO. 30

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1960	5490	4320	2510	2460	3240	3190	4800	8000	10100	594	648
2	2020	5490	4260	2420	2660	3320	3200	5180	9150	8000	335	546
3	2000	5430	4330	2350	2780	3320	3220	5200	12100	7610	282	674
4	1980	5280	4280	2300	3000	3530	3340	4950	15200	7360	240	1080
5	2020	5280	4240	2250	2920	3530	3460	4460	15800	6900	229	1090
6	2160	5330	4210	2200	3150	3500	3610	4230	14900	5590	546	702
7	2130	5810	4190	2100	3320	3400	3880	4170	14100	3650	730	435
8	2050	5710	4150	2000	3540	3370	4280	4560	13700	2750	779	246
9	2000	5550	4010	1790	3630	3370	4480	4410	14600	1970	576	194
10	2070	5390	3690	1600	3360	3370	4300	4520	14900	1200	405	184
11	2160	5330	3300	1560	3320	3370	4230	5330	18200	667	674	180
12	2420	5350	3270	1680	3480	3490	4460	5510	20200	405	832	187
13	2800	5320	3250	1820	3160	3490	4920	5120	20200	534	848	322
14	3090	5140	3320	1720	3290	3360	5220	4650	19200	744	936	415
15	2810	5090	3320	2000	2980	3290	5050	4370	17700	492	888	365
16	3190	5070	3360	2270	3140	3270	4820	3780	16500	286	936	420
17	3220	5120	3420	2540	3040	3300	4320	3320	15500	278	1000	630
18	3240	4880	3370	2840	2960	3240	4080	3720	15200	588	1140	1410
19	3410	4740	3300	2930	2810	3250	3880	5240	14900	350	1050	2510
20	3720	4690	3540	2810	2780	3410	3670	6090	11900	302	744	2280
21	4240	4610	3650	2870	2860	3480	3530	5810	8310	365	546	1670
22	4800	4630	3850	2860	2960	3390	3510	5590	5790	365	498	1370
23	4940	4710	3850	2740	3000	3340	3690	5280	5110	475	430	1270
24	4940	4690	3830	2780	3110	3200	4970	5280	4420	912	395	1170
25	4950	4730	3790	2810	3270	3190	4370	4370	3370	674	340	1030
26	4990	4780	3610	2860	3320	3140	4010	3320	2810	540	318	786
27	4880	4630	3600	2930	3160	3060	4080	2700	4350	435	318	540
28	4900	4370	3290	2840	3160	2960	4060	2040	9150	306	345	326
29	5110	4260	2680	2760	3160	3000	4140	1790	12600	254	375	236
30	5370	4260	2480	2410	3320	2930	4300	2680	13000	218	455	208
31	5430	4260	2510	2340		3010		5710		355	588	

Mean	208,300	300,300	222,700	146,600	178,400	202,600	238,900	273,500	735,600	129,000	36,440	45,870
Year	3387	5046	3622	2384	3101	3294	4015	4447	12360	2098	593	771

Year
or
Period
Mean
3744
2,718,210

PLATE NO. 31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	900580	958490	1138150	1280570	1388190	1638250	1703920	1698320	1593880	1706720	1270350	762090
2	898220	966840	1174740	1288850	1396260	1642680	1705040	1706720	1597140	1702800	1254310	751630
3	895480	973510	1150600	1288850	1404330	1647650	1705600	1707280	1605290	1703360	1235610	737930
4	894690	978110	1157050	1292260	1411510	1652630	1705600	1706160	1624990	1703360	1222180	723530
5	893120	981440	1164490	1297130	1420250	1655940	1703360	1705040	1648200	1697200	1203100	710000
6	891560	989970	1169670	1299080	1429510	1660920	1706160	1701680	1669210	1693830	1185200	697360
7	890380	997690	1170140	1302000	1438760	1666450	1707280	1700560	1689350	1685430	1169670	683020
8	888810	1006710	1180970	1302000	1449050	1673100	1708960	1701120	1705600	1677020	1152440	669030
9	887240	1014000	1188500	1296640	1460430	1678700	1707280	1703360	1709520	1664240	1135380	653760
10	885670	1020440	1190380	1296640	1471940	1678140	1707840	1705040	1709520	1649310	1117400	640720
11	879400	1027330	1195090	1296640	1481890	1680940	1704480	1705040	1713470	1634940	1101130	626540
12	879000	1034370	1197450	1297130	1489750	1685990	1701120	1705600	1716890	1617800	1084900	613100
13	877440	1039220	1200270	1297620	1499170	1690470	1700000	1705600	1718600	1596050	1069590	598720
14	879790	1046700	1204510	1299570	1509120	1694960	1698320	1704480	1718030	1581920	1049780	581340
15	880180	1052860	1208750	1299080	1517110	1697200	1706160	1701120	1714040	1564530	1035690	569830
16	878610	1059460	1212110	1299570	1527220	1700560	1707840	1694960	1707280	1546920	1021300	556810
17	880970	1065190	1216900	1301030	1536270	1699440	1688790	1688790	1707280	1529880	1007140	548820
18	883320	1071370	1220740	1302970	1545860	1700560	1698880	1683190	1712330	1512850	990830	540310
19	884100	1077230	1225060	1306890	1553310	1700560	1696640	1676460	1712900	1496550	976440	534150
20	887240	1083100	1227930	1308380	1561830	1701120	1696080	1674780	1714610	1477700	963080	533270
21	889200	1089410	1232730	1310360	1570510	1702240	1703360	1671420	1707840	1460430	948480	531220
22	895480	1092560	1237050	1312340	1580290	1703360	1705040	1665340	1696640	1444420	932090	530040
23	901360	1097070	1242320	1317780	1588440	1701680	1706720	1663680	1698880	1427960	915510	531800
24	909450	1104740	1247600	1324220	1597140	1702240	1707280	1659810	1698880	1410480	896650	532390
25	917130	1110600	1251910	1331150	1605830	1702800	1702800	1652630	1696080	1393740	875470	532980
26	924010	1116020	1258170	1339560	1613980	1701120	1706160	1645440	1689910	1377100	861380	533860
27	929670	1122480	1264500	1348470	1622220	1704480	1706160	1635490	1685990	1360960	847280	533570
28	930480	1127080	1269860	1357430	1629410	1704480	1704480	1624990	1686550	1344020	828600	531510
29	936540	1133540	1272780	1366000	1634380	1703920	1702800	1611270	1694400	1324710	815880	530340
30	938160	1136770	1274730	1375080	1641640	1703360	1700400	1600400	1690400	1304420	801420	534450
31	950150	116020	1258170	1339560	1613980	1701120	1706160	1645440	1689910	1377100	861380	533860

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5880	4610	4870	4300	1720	3870	5920	7390	9340	14900	11800	10900
2	5850	4330	4340	4200	1680	3870	5920	7670	8210	11800	11500	11000
3	5910	4560	4380	4340	1540	3880	5920	8420	6870	10900	11500	11100
4	5630	4620	4400	4320	1400	4140	5880	8790	6870	11200	11600	10700
5	5640	4690	3160	4410	1210	3990	5840	8750	7030	11500	11400	10500
6	5640	4720	4380	4380	1280	3940	5840	7960	7830	11300	11300	10300
7	5610	4710	4760	4520	1230	3940	5840	6750	8290	11200	11400	10200
8	5720	4720	4380	5760	1220	3940	7330	6060	11400	11100	11500	9860
9	5710	4770	4380	6340	1240	4380	8330	6830	16700	11200	11700	9640
10	5720	4740	4400	4530	1780	6130	8880	7830	16600	11500	11800	9860
11	5720	4770	4380	4150	1580	5600	9810	8120	17900	11600	11700	10000
12	5830	4770	4380	4030	1570	3330	8320	8250	21900	11600	11500	9980
13	5720	4840	4380	1610	1610	4050	7350	8250	21900	11700	11600	9940
14	5790	4820	4380	1520	1520	4830	6770	8460	22600	11700	10100	
15	5710	4810	4420	1510	1250	4070	8680	8920	20600	11800	11500	
16	5690	4790	4230	4410	1250	4070	8680	9940	17500	11800	10800	
17	5790	4840	4240	4750	1100	5990	9940	9000	17500	12100	10800	
18	5790	4840	4280	3970	1110	5990	9000	10500	16600	12100	10700	
19	5690	4910	4260	3970	1170	6030	6810	10600	16700	11900	10700	
20	5340	4890	4260	5410	810	5990	5020	10200	16700	11800	10800	
21	5330	4910	4260	4510	1500	6030	3760	9980	16600	11800	11200	
22	5140	4890	4160	4310	938	6060	5590	10000	11000	11800	11400	
23	4220	4940	4140	1930	996	6100	5620	10300	7230	11600	11400	
24	4280	4980	4200	1930	1510	6060	6640	10400	7830	11500	11100	
25	4440	4800	4180	1720	1630	6060	7190	10300	8370	11500	10800	
26	4420	4770	4160	1290	1580	6060	7230	10300	8750	11700	10800	
27	5110	4820	4160	1120	1580	6030	7270	10500	8750	11700	10700	
28	6970	4840	4180	1100	3850	6030	7230	10500	8630	11900	10800	
29	4750	4790	4200	1120	3920	6030	7270	10400	9430	10800	2980	
30	4600	4820	4180	1700		5990	7270	10400	11500	10900	2500	
31	4570		4180	1680				10300		12200		

Mean	Agree-	Mean	Agree-	Mean	Agree-	Mean	Agree-	Mean	Agree-	Mean	Agree-	Mean	Agree-
5426	333,500	4777	284,300	4268	262,500	3666	225,400	1553	89,320	5136	315,800	6968	414,600
9080	558,300	13100	779,400	11760	723,400	11260	692,200	7641	454,700				

YEAR OR MONTH
MEAN
5,133,520

LAKE WATCOTT near MINIDOKA, IDAHO

PLATE NO. 33

Day	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
Oct.	41760	42600	42180	41760	41020	40380	39960	39130	38720	38200	36120	37470	37260	37890	38300	37890	38090	38200	36850	39750	39340	39550	39130	37990	36850	36120	35400	38920	39440	37570	38720
Nov.	38920	38920	38400	38300	36230	37780	38300	38510	38720	38920	38920	39340	38920	39440	39750	40170	40170	40380	40380	40700	41020	40910	41230	41970	42180	42070	42500	42920	42710	42390	
Dec.	41440	43550	43550	38720	42710	41440	41020	41860	42180	42180	42500	42070	42600	42920	43130	42920	45240	45030	44080	42280	42280	45670	45240	46510	46930	46090	45030	43760	43550	43130	
Jan.	39030	38920	38610	38720	38720	39340	39860	40490	47040	46930	46720	46090	45450	44190	45240	47570	47780	47670	46930	45980	45450	45450	45140	44190	43760	44400	45030	46030	45910	95180	95190
Feb.	45030	45670	46300	46400	46090	45880	45880	45560	45450	45670	95910	95670	94020	947360	94720	97350	92510	91460	93090	96140	96140	93670	95430	95670	96390	96030	96030	95910	95790	95180	95180
Mar.	55580	60200	64690	68860	72940	77450	80830	84350	87500	91110	95910	95910	94720	95550	95180	97350	97840	94950	94950	97110	98440	96630	97840	95790	95180	96750	96030	96630	96630	96150	96870
Apr.	96150	96150	96030	95910	94950	95910	95670	96270	96150	96630	95910	96630	97350	97590	96630	96990	97840	94950	94950	97110	98440	96630	97840	95790	95180	96750	96030	96630	96630	96150	96870
May	94020	97110	96750	96510	96390	95310	94490	94490	94490	96670	95670	96270	96270	95550	95550	96270	96270	96150	96150	96150	96150	96150	96150	96150	96150	96750	96030	96630	96630	96150	96870
June	96630	96630	96630	96630	96150	97350	96630	96630	96310	95310	96510	96390	95430	95180	96150	96990	96390	95430	96030	95180	98440	95790	96150	96150	95910	96750	96030	96630	96630	96150	96870
July	97350	96630	96030	96630	96150	97350	96630	96630	95310	95310	96510	96390	95430	95180	96150	96990	96390	95430	96030	95180	98440	95790	96150	96150	95910	96750	96030	96630	96630	96150	96870
Aug.	96030	96630	95670	96150	96390	95910	96150	95670	95310	95310	95430	95430	95430	95180	96150	96990	96390	95430	96030	95180	98440	95790	96150	96150	95910	96750	96030	96630	96630	96150	96870
Sept.	92860	94720	95910	96630	96870	96750	96870	97470	96030	95310	95430	95430	93790	92390	94020	96390	96390	96870	94490	94490	95070	93090	91690	88900	87270	84940	80610	79710	77680	78020	

NORTH SIDE MINIDOKA CANAL near MINIDOKA, IDAHO

Daily discharge, in second-feet, of _____, for the year ending September 30, 19__

PLATE NO. 34

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	768	793	790	790	790	790	790	790	790	790	790	790
2	793	790	790	790	790	790	790	790	790	790	790	790
3	790	790	790	790	790	790	790	790	790	790	790	790
4	790	790	790	790	790	790	790	790	790	790	790	790
5	790	790	790	790	790	790	790	790	790	790	790	790
6	816	859	882	857	837	793	746	718	706	708	708	708
7	859	882	857	837	793	746	718	706	708	708	708	708
8	882	857	837	793	746	718	706	708	708	708	708	708
9	857	837	793	746	718	706	708	708	708	708	708	708
10	837	793	746	718	706	708	708	708	708	708	708	708
11	793	746	718	706	708	708	708	708	708	708	708	708
12	746	718	706	708	708	708	708	708	708	708	708	708
13	718	706	708	708	708	708	708	708	708	708	708	708
14	706	708	708	708	708	708	708	708	708	708	708	708
15	708	708	708	708	708	708	708	708	708	708	708	708
16	708	708	708	708	708	708	708	708	708	708	708	708
17	706	672	572	521	519	174	0	0	0	0	0	0
18	672	572	521	519	174	0	0	0	0	0	0	0
19	572	521	519	174	0	0	0	0	0	0	0	0
20	521	519	174	0	0	0	0	0	0	0	0	0
21	519	174	0	0	0	0	0	0	0	0	0	0
22	174	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0

MEAN	ACRE-	MEAN	ACRE-	MEAN	ACRE-	MEAN	ACRE-	MEAN	ACRE-	MEAN	ACRE-	MEAN	ACRE-
507	31,190	276	16,430	1151	70,750	895	53,260	1645	101,200	1466	90,170	949	56,460

MEAN 578
YEAR OR PERIOD 419,460
AGRE-TEST

SOUTH SIDE MINIDOKA CANAL near MINIDOKA, IDAHO
 Daily discharge, in second-feet, of
 for the year ending September 30, 1914
 PLATE NO. 35

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	463							53	1120	1210	1320	1170
2	474							57	870	1260	1320	1160
3	472							0	613	1240	1300	1150
4	447							11	393	1180	1290	1150
5	437							168	414	1190	1290	1140
6	443							175	452	1230	1280	1140
7	450							218	472	1240	1280	1130
8	414							220	470	1240	1290	1130
9	387							237	231	1260	1280	1130
10	387							250	229	1280	1300	1150
11	387							258	229	1270	1310	1140
12	367							299	146	1270	1300	1140
13	329							353	0	1270	1280	1130
14	311							452	0	1270	1270	1120
15	310							622	109	1260	1260	1100
16	310							821	353	1260	1230	1040
17	311							998	359	1280	1220	907
18	285							1090	346	1290	1210	697
19	273							1130	346	1290	1200	531
20	271							1180	416	1300	1220	487
21	271							1230	525	1300	1230	441
22	239							1240	552	1310	1220	424
23	218							1240	625	1300	1210	405
24	214							1260	774	1310	1210	393
25	210							1250	917	1320	1220	405
26	206							1260	1050	1320	1210	463
27	205							1270	1020	1320	1200	498
28	212							1270	980	1320	1190	474
29	214							1270	992	1320	1190	452
30	72							1250	1110	1320	1180	454
31	0											

MEAN	309											
ACRE- FEET	19,020											

Year
 OR
 Fiscal Year
 Mean
 414
 300,470

Snake River near MINIDOKA, IDAHO

for the year ending September 30, 1914

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

1	3250	4890	4670	4560	1570	1700	5900	6850	7380	12600	8750	8270
2	4780	4870	4390	4300	1550	1760	5950	7700	6900	10100	8750	8270
3	4830	4870	4370	4520	1750	1860	5920	8120	6630	7880	8660	8060
4	4850	4920	4370	4610	1750	1960	5880	7970	6280	8240	8510	7970
5	4870	4920	4370	4610	1700	1970	5710	7500	6250	8360	8420	7850
6	4870	4940	4370	4590	1690	2010	5610	6000	6490	8330	8420	7250
7	4850	4890	4370	4520	1660	2120	6850	5170	8840	8300	8570	7620
8	4890	4870	4320	4430	1640	2730	8120	5210	16200	8300	8570	7700
9	4870	4870	4320	4430	1560	3580	8990	5850	16300	8420	8540	7650
10	4920	4830	4320	4520	1570	4370	10300	6180	17200	8570	8510	7680
11	5110	4850	4320	4520	1570	4370	10300	6180	17200	8570	8510	7680
12	5030	4850	4340	4650	1570	4430	8360	6180	21100	8600	8510	7590
13	4960	4850	4370	4650	1600	4210	6380	6180	22100	8780	8540	7470
14	4920	4850	4390	4650	1610	4260	6380	6250	23000	8810	8690	7560
15	4890	4830	4390	4650	1600	5100	6310	6440	23600	8870	8630	7380
16	4940	4830	4370	4650	1600	5830	7620	6650	20800	8870	8570	6990
17	4940	4850	4340	4670	1600	6000	10200	7330	17000	8870	8540	6440
18	4980	4850	4370	4670	1620	5640	9420	7530	15800	8900	8330	5950
19	4980	4850	4370	4670	1620	5730	4960	7500	15900	8690	8120	5010
20	5030	4850	4410	4670	1610	5610	3700	7330	15700	8690	8210	4630
21	5030	4850	4410	4670	1650	5660	5030	7380	11300	8810	8420	4300
22	4980	4870	4430	4670	1610	5730	5120	7380	5780	8990	8660	3790
23	4940	4870	4430	4790	1610	5850	5610	7500	6150	8990	8630	3620
24	4920	4850	4500	2030	1620	6150	6150	7500	6640	8990	8450	3760
25	4890	4850	4480	2030	1600	6250	6540	7650	6790	8930	8330	3810
26	4890	4850	4480	2030	1600	6250	6540	7650	6790	8930	8330	3810
27	4890	4850	4410	2030	1600	6180	6740	7680	6740	8810	8270	3810
28	4940	4870	4430	1700	1610	6100	6990	7680	6460	8780	8240	3600
29	4920	4830	4430	1710	1610	6100	6850	7680	6630	8960	8240	2170
30	4920	4850	4480	1380	1580	5980	6520	7730	7620	8990	8150	1920
31	4940		4500	1580		5900						

MEAN	ACR-	FEET
4875	4865	4404
299,700	289,500	270,800
233,000	93,220	274,000
1621	4457	6686
7035	12000	8854
514,400	520,600	360,300
6056	8467	6056

MEAN 6103
YEAR OR PERIOD 4,430,020
ACR-FEET

for the year ending September 30, 1971.

PLATE NO. 37

Day	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
Oct.	10.18	10.20	10.22	10.20	10.11	10.10	10.08	10.03	10.04	10.02	9.09	7.55	7.48	7.66	7.80	7.79	7.95	8.04	7.75	8.16	8.04	8.11	7.99	8.00	8.22	8.30	8.35	8.32	8.34	8.07	8.68
Nov.	8.45	8.51	8.54	8.59	8.34	8.78	8.69	8.74	8.72	8.22	8.25	8.73	8.78	8.70	8.72	8.75	8.90	8.94	8.80	8.72	8.70	8.61	8.61	8.52	8.25	8.22	8.25	8.24	8.32	8.21	
Dec.	8.03	8.34	8.13	8.13	8.12	8.10	7.98	8.08	8.26	8.22	8.25	8.24	8.22	8.22	8.23	8.22	8.24	8.21	8.22	8.10	8.06	8.09	8.22	8.04	8.02	8.01	8.02	8.07	7.98	8.04	
Jan.	8.12	8.08	7.97	8.05	8.12	8.00	8.33	8.11	8.08	7.97	8.24	8.09	8.34	8.08	8.05	7.99	8.16	7.82	8.11	8.04	9.93	10.36	11.11	10.82	10.62	10.27	10.38	10.36	10.50	10.47	
Feb.	8.04	7.94	7.98	8.00	8.14	8.06	8.01	7.94	7.82	8.18	8.09	8.09	8.03	8.02	8.07	8.03	8.16	7.82	8.02	7.96	7.85	8.04	8.04	8.04	7.94	8.05	8.06	8.05	8.00		
Mar.	8.06	8.03	8.22	7.90	7.98	8.18	8.33	8.11	8.08	8.06	8.34	8.08	8.03	8.02	8.05	7.99	8.16	7.82	8.11	8.04	10.36	11.11	10.82	10.49	10.87	10.84	10.85	10.92	10.92	11.01	
Apr.	8.04	8.04	8.06	8.59	9.06	9.61	10.49	10.74	10.61	10.74	10.70	10.52	10.30	10.12	10.86	10.44	10.15	10.04	10.55	11.04	11.01	10.82	10.49	10.87	10.76	10.92	10.84	10.85	10.92	11.01	
May	10.14	10.77	10.62	10.42	10.51	10.62	10.73	10.76	10.71	10.74	10.91	11.02	11.00	10.98	10.95	10.89	10.89	10.67	10.55	10.88	11.04	11.01	10.82	10.49	10.87	10.84	10.87	10.92	10.92	11.01	
June	11.10	11.16	10.92	10.89	11.03	10.87	10.64	10.65	10.73	10.72	10.62	9.94	10.22	10.20	10.18	10.44	10.24	10.21	10.36	10.38	10.35	10.36	11.00	10.94	10.99	11.00	11.02	11.02	11.11	10.76	
July	10.76	10.81	10.94	10.94	10.82	10.96	10.96	10.96	10.86	10.95	10.96	10.96	10.96	10.95	11.02	10.79	10.66	10.62	10.71	10.73	11.02	11.02	11.02	10.80	10.82	11.02	11.02	10.95	10.88	11.04	
Aug.	11.06	10.93	11.00	11.05	11.06	10.95	10.86	10.84	10.82	10.86	10.94	10.93	10.92	10.81	10.94	10.70	10.72	11.06	11.02	10.89	10.79	10.66	10.62	10.71	10.73	10.76	10.80	10.82	10.82	10.82	
Sept.	10.54	10.76	10.86	11.00	11.08	11.08	11.04	10.68	10.60	10.60	10.60	10.68	10.70	10.50	10.70	10.72	10.78	10.90	10.83	10.81	10.58	10.41	10.30	10.12	10.07	10.08	10.20	10.36	10.25	10.10	

Меню
- зноу
дззз

—знов

1992

0-1115

YEAR
ON
PERIOD

NEVIN

Асн-Тшт

P. A. A. LATERAL near MILLER, IDAHO

for the year ending September 30, 1913

PLATE NO 38

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	61	60	60	60	60	60	60	60	60	60	60	60
2	60	60	60	60	60	60	60	60	60	60	60	60
3	60	60	60	60	60	60	60	60	60	60	60	60
4	60	60	60	60	60	60	60	60	60	60	60	60
5	60	60	60	60	60	60	60	60	60	60	60	60
6	60	60	60	60	60	60	60	60	60	60	60	60
7	60	60	60	60	60	60	60	60	60	60	60	60
8	60	60	60	60	60	60	60	60	60	60	60	60
9	60	60	60	60	60	60	60	60	60	60	60	60
10	60	60	60	60	60	60	60	60	60	60	60	60
11	60	60	60	60	60	60	60	60	60	60	60	60
12	60	60	60	60	60	60	60	60	60	60	60	60
13	60	60	60	60	60	60	60	60	60	60	60	60
14	60	60	60	60	60	60	60	60	60	60	60	60
15	60	60	60	60	60	60	60	60	60	60	60	60
16	60	60	60	60	60	60	60	60	60	60	60	60
17	60	60	60	60	60	60	60	60	60	60	60	60
18	60	60	60	60	60	60	60	60	60	60	60	60
19	60	60	60	60	60	60	60	60	60	60	60	60
20	60	60	60	60	60	60	60	60	60	60	60	60
21	60	60	60	60	60	60	60	60	60	60	60	60
22	60	60	60	60	60	60	60	60	60	60	60	60
23	60	60	60	60	60	60	60	60	60	60	60	60
24	60	60	60	60	60	60	60	60	60	60	60	60
25	60	60	60	60	60	60	60	60	60	60	60	60
26	60	60	60	60	60	60	60	60	60	60	60	60
27	60	60	60	60	60	60	60	60	60	60	60	60
28	60	60	60	60	60	60	60	60	60	60	60	60
29	60	60	60	60	60	60	60	60	60	60	60	60
30	60	60	60	60	60	60	60	60	60	60	60	60
31	60	60	60	60	60	60	60	60	60	60	60	60

MEAN	ACRE-Feet	Year or Tenion	MEAN	ACRE-Feet	Year or Tenion
55.6	3,310	1.1	45.6	2,800	67
60.3	3,710	57.2	60.6	3,730	23.4
60.3	3,710	57.2	60.6	3,730	17,013

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	172	173	191	167
2	0	0	0	0	0	0	0	0	113	173	170	167
3	0	0	0	0	0	0	0	0	72	163	166	167
4	0	0	0	0	0	0	0	0	0	173	166	168
5	0	0	0	0	0	0	0	0	20	171	166	169
6	0	0	0	0	0	0	0	0	96	173	166	168
7	16	33	54	79	109	128	135	139	0	160	164	166
8	16	33	54	79	109	128	135	139	32	160	164	166
9	16	33	54	79	109	128	135	139	0	160	164	166
10	16	33	54	79	109	128	135	139	0	160	164	166
11	16	33	54	79	109	128	135	139	0	160	164	166
12	16	33	54	79	109	128	135	139	0	160	164	166
13	16	33	54	79	109	128	135	139	0	160	164	166
14	16	33	54	79	109	128	135	139	0	160	164	166
15	16	33	54	79	109	128	135	139	0	160	164	166
16	16	33	54	79	109	128	135	139	0	160	164	166
17	16	33	54	79	109	128	135	139	0	160	164	166
18	16	33	54	79	109	128	135	139	0	160	164	166
19	16	33	54	79	109	128	135	139	0	160	164	166
20	16	33	54	79	109	128	135	139	0	160	164	166
21	16	33	54	79	109	128	135	139	0	160	164	166
22	16	33	54	79	109	128	135	139	0	160	164	166
23	16	33	54	79	109	128	135	139	0	160	164	166
24	16	33	54	79	109	128	135	139	0	160	164	166
25	16	33	54	79	109	128	135	139	0	160	164	166
26	16	33	54	79	109	128	135	139	0	160	164	166
27	16	33	54	79	109	128	135	139	0	160	164	166
28	16	33	54	79	109	128	135	139	0	160	164	166
29	16	33	54	79	109	128	135	139	0	160	164	166
30	16	33	54	79	109	128	135	139	0	160	164	166
31	16	33	54	79	109	128	135	139	0	160	164	166

Year or Period	Mean	Agree- ment	Agree- ment	Agree- ment	Agree- ment	Agree- ment	Agree- ment	Agree- ment	Agree- ment	Agree- ment	Agree- ment	Agree- ment
1911	101	82.2	183	10,220	8,900	150						
1912	101	82.2	183	10,220	8,900	150						

57.1
41,480

GOODING PROJECT IN GOODING CANAL, NEAR MILLER, IDAHO

PLATE NO. 40

1134	1512	1220	1032	87.0	63,490	72,580	92,970	89,830	67,500
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SEVEN

TEST

391-550

АВН-Л-100

NORTH SIDE CANAL PROJECT IN GOODING CANAL NEAR MILLER, IDAHO

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	380					0	550	760	750	950	930
2	0	210					0	570	760	770	950	960
3	0	490					0	560	740	780	940	970
4	0	720					0	570	740	780	960	990
5	0	730					0	570	730	790	930	980
6	0	730					0	570	720	790	930	970
7	0	690					0	560	710	790	920	970
8	0	690					0	550	730	780	920	980
9	0	690					0	560	720	790	930	980
10	0	690					0	570	720	790	930	970
11	0	690					0	590	710	910	940	970
12	0	690					470	580	730	930	940	960
13	0	690					740	580	730	930	930	940
14	0	690					750	580	720	950	940	940
15	0	270					750	580	720	960	950	960
16	0	0					800	570	720	970	950	950
17	0	0					850	650	740	970	930	970
18	0	0					910	720	740	970	920	970
19	0	0					700	730	740	970	930	960
20	0	0					570	730	740	970	920	950
21	0	0					560	720	750	970	910	930
22	0	0					560	720	760	970	920	900
23	0	0					550	720	760	970	930	880
24	0	0					540	730	770	970	940	860
25	0	0					550	730	770	960	950	830
26	0	0					550	730	770	960	950	850
27	0	0					540	730	780	950	960	880
28	0	0					550	740	750	950	970	920
29	0	0					550	740	750	950	970	890
30	210	0					550	740	720	950	940	890
31	620	0					550	750	720	950	950	890

MEAN	26.8	325										
AGRE-	1,650	19,320										
TEMP.												

MEAN 4.08
YEAR OR PERIOD 295,930

NORTH SIDE TWIN FALLS CANAL at MINNER, IDAHO

for the year ending September 30, 19

PLATE NO. 43

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1140	0	566	518	506	490	641	689	2300	2340	2640	2490
2	1140	0	566	518	500	494	641	772	2240	2400	2640	2540
3	1140	0	566	531	497	481	654	914	2230	2480	2660	2480
4	1130	0	566	531	500	481	637	1050	2250	2500	2640	2460
5	1120	0	563	512	531	494	665	1190	2220	2570	2630	2460
6	1100	0	563	512	494	494	724	1430	2240	2570	2630	2440
7	1080	0	563	500	481	494	731	1470	2160	2570	2620	2420
8	1080	0	563	481	484	490	731	1600	1580	2550	2620	2430
9	1080	0	563	512	500	481	742	1680	1550	2580	2610	2420
10	1080	0	563	518	497	500	654	1790	1610	2590	2610	2400
11	1070	0	563	525	497	503	621	1890	1620	2570	2560	2380
12	1050	0	563	518	497	484	290	1970	1630	2590	2570	2360
13	1050	0	559	512	494	481	0	2010	1600	2660	2550	2320
14	1030	0	540	512	497	481	0	2040	1600	2650	2560	2320
15	971	0	531	512	497	490	0	2090	1600	2660	2540	2210
16	949	412	531	512	497	472	0	2190	1600	2660	2540	2210
17	919	658	531	512	494	472	0	2190	1600	2660	2530	2060
18	889	627	531	515	494	484	0	2230	1620	2650	2520	1950
19	835	611	531	509	481	484	0	2310	1590	2650	2510	1770
20	803	618	528	503	487	563	159	2310	1570	2670	2520	1540
21	763	604	522	509	494	598	164	2260	1570	2660	2510	1400
22	756	601	518	506	500	604	129	2250	1650	2630	2530	1230
23	742	601	515	506	497	631	228	2270	1700	2660	2520	932
24	742	601	518	509	494	637	285	2260	1760	2660	2520	543
25	752	591	515	500	494	624	357	2260	1890	2640	2510	433
26	731	591	515	506	497	634	454	2260	1960	2650	2510	412
27	692	591	512	506	497	634	451	2260	2040	2650	2540	403
28	672	579	512	503	497	631	454	2270	2130	2640	2540	328
29	678	572	522	503	487	585	494	2290	2180	2650	2540	308
30	439	566	525	500		569	569	2300	2230	2660	2550	265
31	0		522	500		559		2320		2660	2520	

MEAN	54,790	17,500	33,280	31,340	28,420	32,820	23,930	113,500	111,500	159,600	157,800	103,600
PERCENT	891	294	541	510	494	534	402	1846	1874	2596	2566	1741

MEAN
1196
OR
PERCENT
868,080

SOUTH SIDE TWIN FALLS CANAL at MILLER, IDAHO

for the year ending September 30, 1914
 PLATE NO. 44

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14.90	60	63.1	583	560	530	598	855	3220	3160	3580	3500
2	14.90	60	63.4	578	556	529	583	936	3040	3230	3580	3550
3	15.00	35.4	62.5	571	559	523	736	1100	2880	3140	3580	3490
4	14.90	778	628	585	570	526	919	1360	2860	3170	3560	3460
5	14.90	781	637	580	574	536	1010	1760	2810	3320	3560	3440
6	14.90	707	637	580	577	54.1	1110	1940	2770	3360	3560	3410
7	14.60	707	635	553	577	532	1220	2060	2740	3360	3570	3420
8	14.50	673	64.5	552	529	529	1230	2330	2390	3360	3560	3460
9	14.20	652	623	548	510	532	1210	2460	2160	3390	3560	3400
10	13.60	64.3	616	563	525	526	1180	2570	2140	3420	3560	3290
11	12.90	64.3	625	591	521	514	1160	2610	2200	3390	3550	3210
12	12.30	64.3	628	591	507	514	1150	2590	2120	3380	3540	3120
13	11.20	64.3	625	597	513	511	1270	2630	2050	3530	3540	3020
14	10.90	230	628	602	516	511	1270	2710	2070	3530	3570	3050
15	10.50	192	628	604	515	514	1070	2870	2040	3530	3540	2980
16	10.20	517	628	600	513	523	982	3200	2030	3520	3520	2910
17	985	631	628	585	513	511	872	3300	2060	3520	3500	2670
18	892	631	631	569	508	517	848	3200	2150	3540	3500	2390
19	882	631	625	558	485	532	829	3260	2190	3550	3510	2250
20	872	628	613	570	514	514	797	3190	2250	3520	3510	2100
21	879	628	613	568	518	505	670	3160	2340	3530	3530	2030
22	868	628	613	567	521	520	610	3200	2360	3560	3530	1890
23	855	631	613	570	516	544	631	3240	2340	3560	3520	1810
24	858	631	610	557	520	538	652	3270	2500	3560	3540	1710
25	838	628	601	560	525	547	704	3320	2570	3570	3540	1610
26	797	628	595	560	525	528	710	3330	2680	3550	3540	1580
27	388	628	559	559	525	60	717	3310	2900	3550	3520	1610
28	60	628	555	555	525	60	758	3310	2990	3560	3520	1600
29	323	628	550	550	525	60	787	3280	3050	3580	3520	1580
30	225	628	565	552	525	168	168	3260	3260	3580	3520	1580

MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
1051	569	617	572	530	469	897	2597	2695	3443	3542	2703	2703
64,630	33,840	37,910	35,180	30,490	28,830	53,350	159,700	148,400	211,700	217,800	160,800	160,800

MEAN
 YEAR
 OR
 PERIOD
 1,182,630

SNAKE RIVER at MILLER, IDAHO, for the year ending September 30, 1914. PLATE NO. 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	480	4820	3500	3610	587	744	4790	3920	2830	2830	9	125
2	2730	4720	3790	3520	553	721	4780	4280	121	3000	9	125
3	2910	4170	3620	3130	553	721	4620	4940	9	553	9	122
4	2970	3720	3550	3190	775	766	3320	4340	9	109	9	124
5	2980	3260	3510	3700	937	798	3030	3900	8	9	9	125
6	2990	4110	3440	3790	925	798	3020	1750	8	8	9	124
7	2990	3880	3410	3730	840	1400	3990	531	1050	8	8	122
8	3010	3780	3420	3690	559	1360	6140	103	10200	8	8	122
9	2990	3820	3460	3360	510	1990	6440	60	11400	8	8	124
10	2990	3890	3480	3190	820	2930	8260	93	12300	7	29	124
11	5830	3810	3480	3660	705	3890	8230	449	15600	7	122	122
12	4320	3840	3460	3670	697	3260	4720	61	17000	6	122	122
13	3320	3850	3470	3710	688	3570	3850	12	17900	7	122	122
14	3520	3840	3510	3700	688	3400	4060	11	18900	7	120	122
15	3620	4240	3540	3680	701	4800	6000	10	17600	7	120	122
16	3520	4060	3520	3680	705	4400	6330	9	13100	7	129	121
17	3630	3790	3520	3680	710	5290	8630	9	10800	7	128	122
18	3800	3970	3520	3710	710	3760	5440	11	10600	7	127	132
19	3760	4040	3520	3810	710	4770	2140	13	10500	7	125	131
20	4520	3990	3510	3720	622	4770	3340	12	10000	7	124	121
21	3940	4000	3520	3780	516	5070	3920	10	8160	7	121	118
22	4180	3870	3540	3880	663	4520	3920	10	8160	7	121	121
23	3990	3920	3560	3440	705	3970	4360	9	892	8	120	121
24	3670	4320	3570	1260	659	4570	4310	8	102	9	121	121
25	3520	4140	3530	898	538	4910	5310	8	14	9	125	121
26	3700	3910	3550	985	568	4950	5180	8	14	9	125	122
27	3710	3940	3590	1160	626	4980	5100	10	22	10	124	122
28	4080	3940	3280	1030	680	5620	4520	10	283	9	124	124
29	4470	3930	2890	587	654	5490	4520	9	12	8	125	192
30	3580	3920	3620	456		5320	3990	8		8	125	230
31	5040			410		5080		8		8	125	

Mean	3573	3983	3499	2888	674	3391	4930	969	6221	216	83.5	129
Acres-	219,700	237,000	215,200	177,600	38,760	208,500	293,300	59,590	370,200	13,300	5,140	7,680

Year
or
Period
Mean
2,543
Acres-Per
1,845,970

*, for the year ending September 30, 1914.

PLATE NO. 46

Interpolated *

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
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6512-2 HOLLAND ROUTING AND ADDRESS 'P. 3'

ΠΕΡΙΛΗΨΗ

PERIOD

NEVIN

Agre-Test

HENRIS FORD near LAKE, IDAHO

Daily discharge, in second-feet, of

for the year ending September 30, 19

PLATE NO. 47

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	20		35	34		37	37	80	60	135	426	18
2						37	37	80	60	131	434	17
3						37	37	80	60	128	445	17
4						37	37	80	60	126	448	17
5		29				37	37	80	60	124	443	17
6						37	37	70	60	118	434	17
7						37	37	70	60	118	426	17
8						37	37	70	66	117	355	18
9						37	37	70	75	116	355	18
10						37	37	70	75	113	355	19
11						37	37	50	75	129	353	20
12						37	37	50	75	145	273	20
13						37	37	50	75	161	94	21
14						37	37	50	75	161	95	21
15		34				37	37	50	75	198	95	22
16						80	80	40	75	240	94	14
17						80	80	40	75	247	100	3
18						80	80	40	93	290	103	3
19						80	80	40	102	294	102	3
20						80	80	60	107	404	102	3
21						80	80	33	114	423	101	3
22						80	80	41	100	426	101	3
23						80	80	41	125	428	100	3
24						80	80	41	125	430	88	62
25						80	80	41	128	432	62	3
26						80	80	41	132	430	58	3
27						80	80	41	135	428	58	2
28						80	80	41	138	426	71	2
29						80	80	41	135	423	70	2
30						80	80	41	135	426	44	2
31						80	80	50	135	426	19	2

Mean	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.
11.0	204	264	91.0	53.5	5.360	3.290	5.420	16,250	12,530	657	56,777	78.2

Year
or
Period

Mean

As per Plate

HENRY'S FORK near ISLAND PARK, IDAHO

Daily discharge, in second-feet, of

for the year ending the 31st of December 1919

PLATE NO. 49

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	84.9	600	9	12	4.27	4.58	4.54	1200	772	866	1550	1400
2	84.9	540	9	12	4.27	4.50	4.76	1120	810	766	1540	1100
3	84.9	540	9	12	4.54	4.68	4.86	1040	827	734	1530	1100
4	84.9	540	9	36	4.68	4.90	998	810	995	695	1530	1100
5	605	540	9	9	4.68	4.72	959	788	700	700	1530	1060
6	427	540	9	134	4.68	4.58	932	805	788	651	1530	954
7	445	540	9	181	4.63	4.5	920	805	805	630	1530	882
8	481	540	9	209	505	4.50	893	805	926	625	1650	761
9	530	540	9	238	4.76	4.54	555	898	964	630	1760	766
10	560	540	9	270	4.54	4.54	555	898	964	630	1760	766
11	635	540	9	290	4.63	4.50	560	937	992	630	1820	766
12	673	540	10	302	4.58	4.54	575	926	976	625	1830	766
13	570	510	10	319	4.54	4.76	580	904	954	620	1820	794
14	545	495	10	332	4.54	4.54	595	898	920	605	1810	876
15	570	170	10	346	4.50	4.36	585	888	915	744	1810	876
16	535	8	11	355	4.54	4.27	565	898	882	849	1780	876
17	515	8	11	368	4.54	4.27	555	910	844	888	1720	761
18	535	8	11	373	4.50	4.27	555	998	810	964	1670	640
19	620	8	11	378	4.45	4.36	545	1080	788	1140	1660	580
20	673	8	11	382	4.45	4.54	540	1110	750	1220	1660	565
21	673	8	11	391	4.40	4.50	540	1090	739	1140	1660	545
22	678	9	11	396	4.63	4.40	550	1040	734	1090	1660	520
23	678	9	11	404	4.58	4.40	570	992	717	1100	1610	505
24	580	9	11	427	4.54	4.54	600	948	706	1190	1520	505
25	535	9	11	427	4.54	4.54	662	893	673	1210	1500	505
26	570	8	11	427	4.50	4.54	684	838	712	1190	1400	505
27	585	9	11	427	4.45	4.50	712	788	920	1250	1400	505
28	585	9	11	427	4.45	4.45	766	772	942	1350	1400	500
29	585	9	11	427	4.40	4.40	866	744	926	1450	1400	468
30	695	9	12	427	4.40	4.45	1060	739	893	1560	1400	468
31	761		12	427	4.45	4.45		750		1560		

U. S. GOVERNMENT PRINTING OFFICE

C-7145

Year

or

Period

MEAN

471.799

MEAN	38,160	15,560	10.2	296	454	450	593	94.5	836	951	98,440	45,440
ACRE-Feet	621	261	10.2	296	454	450	593	94.5	836	951	1601	764

HENRYS FORK at WARM RIVER, IDAHO

Daily discharge, in second-feet, of

for the year ending September 30, 19

PLATE NO. 50

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1250	1100	448	444	891	904	835	1850	1240	1270	1940	1790
2	1240	1000	404	408	891	865	847	1840	1270	1220	1920	1800
3	1250	1010	444	378	910	910	884	1720	1330	1160	1930	1490
4	1240	1010	426	417	930	910	898	1610	1390	1130	1910	1450
5	1200	1030	417	399	930	930	898	1550	1370	1110	1890	1450
6	884	1010	378	462	917	917	950	1540	1280	1090	1870	1420
7	853	995	430	453	904	904	962	1500	1290	1110	1870	1300
8	891	982	404	470	910	878	969	1480	1380	1070	1860	1280
9	936	982	322	530	950	872	976	1480	1380	1070	1860	1280
10	988	988	382	570	900	878	995	1460	1600	1070	2050	1070
11	1030	988	435	590	870	872	1010	1510	1620	1050	2110	1060
12	1080	988	448	630	860	872	1050	1500	1620	1050	2110	1060
13	1050	982	440	660	850	870	1050	1450	1570	1040	2170	1070
14	924	943	430	710	850	870	1060	1420	1500	1030	2170	1050
15	962	904	422	770	850	860	1030	1400	1570	1010	2180	1170
16	962	435	412	830	850	853	1010	1380	1620	2180	2180	1170
17	970	426	430	870	840	853	1010	1400	1360	2180	2180	1170
18	1000	422	422	890	840	853	988	1400	1300	2140	2140	1230
19	1060	417	430	880	840	847	976	1570	1280	2050	2050	1010
20	1110	426	411	850	830	872	976	1810	1210	2040	2040	969
21	1120	426	430	880	830	859	976	1820	1140	2040	2040	904
22	1120	417	430	890	850	853	1000	1750	1580	2050	2050	891
23	1120	430	412	900	870	859	1050	1640	1500	2050	2050	847
24	1120	448	412	917	870	865	1110	1540	1480	1930	1930	847
25	1000	422	430	904	880	859	1230	1740	1620	1910	1910	841
26	1010	366	408	917	878	865	1230	1360	1590	1820	1820	841
27	1020	399	326	936	872	872	1320	1290	1580	1790	1790	841
28	1040	462	330	891	872	872	1490	1240	1720	1780	1780	847
29	1050	444	394	891	865	835	1560	1200	1750	1780	1780	853
30	1100	408	520	917	829	835	1740	1190	1940	1780	1780	853
31	1200	408	485	917	835	835	1210	1210	1940	1770	1770	853

Mean	1037	708	418	716	875	870	1067	1519	1331	1337	1971	1117
Agave-	65,030	42,150	25,680	44,010	50,330	53,490	63,510	93,400	79,180	82,230	121,200	66,450

YEAR OR PERIOD
MEAN
1084
AGAVE-TRUNK 786,650

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1610	1520	804	795	1230	1210	1190	2240	1790	1810	2260	2080
2	1630	1280	739	818	1240	1200	1220	2220	1830	1750	2220	2120
3	1610	1300	760	786	1230	1200	1280	2140	2000	1660	2220	1810
4	1630	1340	752	728	1260	1190	1300	2040	2120	1630	2240	1700
5	1630	1390	763	743	1240	1230	1440	2020	2080	1580	2180	1730
6	1270	1300	727	812	1460	1200	1410	2040	1880	1560	2180	1720
7	1190	1280	752	753	1050	1210	1360	1980	1900	1580	2180	1630
8	1270	1280	749	788	1240	1200	1440	1980	2020	1520	2180	1550
9	1280	1270	665	902	1300	1160	1360	2000	2200	1500	2180	1360
10	1380	1300	646	903	1200	1200	1440	2040	2300	1520	2340	1380
11	1480	1280	730	934	1230	1190	1410	2000	2300	1500	2440	1360
12	1470	1280	752	977	1160	1170	1500	2000	2180	1480	2490	1380
13	1450	1390	740	1050	1190	1200	1420	1940	2100	1440	2490	1390
14	1270	1130	740	1120	1320	1100	1460	1880	2000	1440	2510	1450
15	1580	1240	710	1120	836	1270	1400	1880	1960	1390	2510	1530
16	1240	792	717	1140	1200	1200	1360	1830	1900	1600	2470	1530
17	1230	728	749	1170	1100	1120	1330	1840	1860	1580	2440	1680
18	1340	749	739	1200	1170	1160	1290	2160	1810	1660	2340	1360
19	1450	728	759	1160	1140	1170	1290	2400	1720	1810	2360	1320
20	1500	781	772	1050	1120	1200	1290	2470	1680	2040	2360	1260
21	1600	760	793	1140	1200	1210	1310	2280	1630	1960	2360	1240
22	1520	745	785	1130	1200	1170	1310	2260	1660	1810	2340	1230
23	1520	806	777	1210	1210	1190	1420	2120	1630	1860	2360	1160
24	1480	859	788	1230	1200	1210	1400	2000	1600	1860	2280	1170
25	1360	726	774	1210	1170	1210	1600	1880	1580	1960	2200	1170
26	1360	690	812	1210	1170	1190	1730	1790	1700	1960	2120	1160
27	1380	698	682	1170	1190	1200	1670	1750	2240	1940	2080	1170
28	1440	778	618	1140	1170	1160	1760	1720	2280	2060	2100	1190
29	1450	777	686	1230	1170	1230	1960	1700	2020	2080	2060	1190
30	1400	696	829	1190	1160	1200	2200	1680	1860	2260	2020	1190
31	1560	1560	792	1170	1390	1390	1700	1700	1860	2260	2040	1190

Mean	14.38	10.30	74.5	1032	1193	1198	1452	1999	1928	1744	2276	1439
Agave- Lump	88.420	61.280	45.820	63.430	68.600	73.690	86.380	122.900	114.700	107.200	139.900	85.650

YEAR
ON
FEBRUARY
ALMAN
1457
AGAVE-
LUMP
1,057,970

Daily discharge, in second-foot, of ————— HENRIS FORK at ST. ANTHONY, IDAHO —————, for the year ending September 30, 1914. PLATE NO. 52

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2890	2610	2870	2560	2720	2650	2540	2580	2820	4140	2650	2550
2	2890	2610	2870	2560	2720	2650	2540	2580	2820	4140	2650	2550
3	2540	2680	3680	3480	2560	2540	2580	2820	4140	2650	2550	2550
4	2560	3480	2560	2720	2650	2540	2580	2820	4140	2650	2550	2550
5	2720	2870	2650	2540	2580	2820	4140	2650	2550	2550	2550	2550
6	2650	2540	2580	2820	4140	2650	2550	2550	2550	2550	2550	2550
7	2540	2580	2820	4140	2650	2550	2550	2550	2550	2550	2550	2550
8	2580	2820	4140	2650	2550	2550	2550	2550	2550	2550	2550	2550
9	2820	4140	2650	2550	2550	2550	2550	2550	2550	2550	2550	2550
10	4140	2650	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550
11	2650	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550
12	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550
13	2450	3360	3680	3480	2560	2540	2580	2820	4140	2650	2550	2550
14	2430	3110	2890	2610	2360	2120	1700	1460	1330	1250	1330	1220
15	2520	2430	2520	2470	2330	2120	1700	1460	1330	1250	1330	1220
16	2470	2330	2120	1700	1460	1330	1250	1330	1220	1330	1220	1290
17	2770	2770	3180	3500	3110	2750	2630	2230	1920	1630	1540	1590
18	3180	3500	3110	2750	2630	2230	1920	1630	1540	1590	1590	1790
19	3500	3110	2750	2630	2230	1920	1630	1540	1590	1590	1790	1880
20	3110	2750	2630	2230	1920	1630	1540	1590	1590	1790	1880	1960
21	2750	2630	2230	1920	1630	1540	1590	1590	1790	1880	1960	2040
22	2630	2230	1920	1630	1540	1590	1590	1790	1880	1960	2040	2040
23	2230	1920	1630	1540	1590	1590	1790	1880	1960	2040	2040	2040
24	1920	1630	1540	1590	1590	1790	1880	1960	2040	2040	2040	2040
25	1630	1540	1590	1590	1790	1880	1960	2040	2040	2040	2040	2040
26	1540	1590	1590	1790	1880	1960	2040	2040	2040	2040	2040	2040
27	1590	1590	1790	1880	1960	2040	2040	2040	2040	2040	2040	2040
28	1590	1790	1880	1960	2040	2040	2040	2040	2040	2040	2040	2040
29	1790	1880	1960	2040	2040	2040	2040	2040	2040	2040	2040	2040
30	1880	1960	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040
31	1960	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040

MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN
1174	1329	1057	2593	2683	152,700	154,300	64,970	81,700	69,880	1174	1329	1057

MEAN
YEAR
OR
PERIOD
ACRE-FOOT
523,550

PLATE NO. 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1950	2550	1690	1450	1880	1880	1900	2470	1800	3280	1140	1310
2	1950	2460	1750	1500	1950	1880	1900	2630	2240	2800	1120	1360
3	1980	2280	1710	1520	1960	1880	1900	2530	2710	2590	1110	1520
4	1980	2270	1720	1500	1960	1870	1950	2290	3360	2300	1140	1410
5	2020	2340	1710	1450	1980	1880	1920	2200	3740	2020	1120	1290
6	1990	2600	1690	1470	1970	1890	2100	2160	3720	1740	1090	1270
7	1740	2510	1660	1490	2100	1900	2160	2260	3320	1530	1090	1250
8	1680	2410	1650	1470	1900	1880	2210	2240	3440	1360	1090	1200
9	1740	2380	1560	1520	1880	1860	2080	2160	3900	1170	1070	1130
10	1740	2350	1440	1600	1950	1880	1980	2280	4480	1070	1180	1050
11	1840	2350	1470	1580	1850	1910	2170	2470	5200	1020	1180	1010
12	2040	2340	1490	1640	1870	1900	2230	2450	5390	944	1220	982
13	2080	2320	1510	1680	1850	1900	2270	2430	5130	861	1260	976
14	2040	2350	1500	1740	1820	1840	2090	2470	4680	750	1290	976
15	1900	2200	1500	1800	1870	1850	1940	2580	4190	710	1320	1020
16	2060	2200	1480	1800	1700	1890	1830	2640	3640	680	1340	1140
17	1920	1910	1480	1820	1700	1850	1780	2600	3420	745	1360	1370
18	2160	1860	1490	1830	1850	1960	1630	2990	2810	755	1250	1890
19	2280	1870	1550	1800	1800	1990	1580	3300	2140	808	1220	1870
20	2380	1890	1550	1750	1700	1990	1520	3590	1590	1040	1210	1820
21	2380	1890	1550	1750	1700	1990	1520	3590	1590	1040	1210	1820
22	2440	1850	1520	1780	1850	1970	1580	3380	1320	1140	1190	1800
23	2420	1860	1470	1820	1920	1920	1570	3240	1160	1080	1200	1790
24	2460	1920	1460	1870	1900	1940	1620	2920	950	1050	1220	1700
25	2430	1930	1430	1900	1870	1900	1730	2470	776	1050	1230	1660
26	2340	1810	1400	1900	1850	1870	1880	1960	798	1070	1230	1640
27	2370	1690	1240	1870	1850	1780	1780	1520	2170	1040	1230	1560
28	2430	1710	1090	1830	1850	1800	1780	1400	3900	963	1240	1520
29	2480	1790	1070	1800	1850	1820	1920	1500	4550	1010	1220	1530
30	2510	1740	1160	1900	1900	1900	2160	1620	4060	1050	1240	1560
31	2470		1380	1850		1900		1730		1140	1250	

Year	Mean	Agre-	FEET
1876	2121	130,400	0-2145
	2120	126,100	
	1491	91,700	
	1702	104,600	
	1870	107,600	
	1888	116,100	
	1695	112,700	
	2425	149,100	
	3132	186,400	
	1276	78,480	
	1207	74,200	
	1417	84,330	

Year	On	Period
1876	MEAN	ACHIEVEMENT
1,361,710		

5911-0

contents are
Daily observations in record-kept of

for the year ending September 30, 19 14
PLATE NO. 54

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14748	14748	14826	14888	14981	15105	15182	15198	15229	15213	9712	6509
2	14748	14748	14826	14888	14981	15105	15182	15198	15229	15213	9517	6452
3	14748	14764	14826	14919	14981	15136	15182	15198	15229	15213	9296	6440
4	14748	14764	14826	14919	14981	15136	15182	15198	15229	15213	9092	6440
5	14748	14764	14826	14919	14981	15136	15182	15198	15229	15198	8879	6440
6	14748	14764	14826	14919	15027	15136	15182	15198	15229	15198	8679	6440
7	14748	14764	14826	14919	15027	15136	15182	15198	15229	15198	8479	6440
8	14748	14764	14826	14919	15027	15136	15182	15198	15229	15198	8279	6440
9	14748	14764	14826	14919	15027	15182	15182	15229	15229	15198	8131	6440
10	14733	14764	14826	14934	15027	15182	15182	15229	15229	15198	8023	6440
11	14733	14764	14826	14934	15027	15182	15182	15229	15229	15198	7927	6440
12	14733	14764	14826	14934	15027	15182	15182	15229	15229	15198	7831	6440
13	14733	14779	14826	14934	15058	15182	15182	15229	15229	15198	7735	6440
14	14733	14779	14826	14934	15058	15182	15182	15229	15229	14888	7627	6440
15	14733	14779	14826	14934	15058	15182	15182	15229	15229	14578	7507	6417
16	14733	14779	14826	14934	15058	15182	15182	15244	15213	14285	7411	6417
17	14733	14779	14826	14934	15058	15182	15182	15244	15213	13985	7303	6417
18	14733	14779	14826	14934	15058	15182	15182	15244	15213	13670	7257	6417
19	14733	14779	14826	14934	15058	15182	15182	15244	15213	13355	7257	6417
20	14733	14779	14826	14934	15058	15182	15182	15244	15213	13028	7257	6417
21	14733	14795	14826	14934	15058	15182	15182	15244	15213	12709	7257	6417
22	14733	14795	14826	14934	15089	15182	15182	15244	15213	12390	7257	6417
23	14733	14795	14826	14934	15089	15182	15182	15244	15120	12071	7257	6417
24	14733	14795	14857	14934	15089	15182	15182	15229	15120	11762	7176	6417
25	14733	14795	14857	14981	15089	15182	15182	15229	15151	11440	7073	6417
26	14733	14795	14872	14981	15105	15182	15182	15229	15182	1118	6969	6417
27	14733	14795	14872	14981	15105	15182	15182	15229	15213	10805	6854	6417
28	14733	14795	14872	14981	15105	15182	15182	15229	15213	10535	6751	6417
29	14733	14795	14872	14981	15105	15182	15182	15229	15213	10346	6682	6417
30	14733	14795	14872	14981	15105	15182	15182	15229	15213	10130	6624	6567
31	14748	14795	14872	14981	15105	15182	15182	15229	15213	9907	6567	

Mean
Rain-
Fall-
Mean

Y rain
on
Tenth
Mean
Ague-Tent

FALL RIVER near SQUIRREL, IDAHO

for the year ending September 30, 1911

PLATE NO. 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	619	602	569	460	455	424	410	893	2020	1130	514	425
2	602	594	569	460	460	424	410	871	2110	1130	514	461
3	644	594	569	460	460	424	410	871	2360	1040	499	491
4	636	619	569	460	404	430	430	915	2400	900	499	447
5	636	882	569	460	445	424	410	1030	2270	820	491	432
6	636	706	569	460	430	410	410	1280	1870	800	491	425
7	636	636	553	445	430	410	410	1200	2050	820	491	418
8	636	619	537	452	445	404	404	1330	2160	750	499	418
9	636	619	525	460	445	424	438	1380	2640	720	476	418
10	636	619	515	445	438	438	438	1480	2640	740	447	418
11	820	602	500	445	438	452	452	1480	2160	740	447	418
12	636	602	500	445	438	452	452	1430	2000	693	440	418
13	636	594	500	445	438	577	577	1400	1800	750	447	418
14	636	594	500	445	424	545	545	1400	1800	770	440	418
15	636	594	500	445	424	498	498	1680	1760	760	447	418
16	636	585	500	445	424	452	452	1880	1710	760	440	468
17	636	585	505	450	438	452	452	1880	1510	740	425	588
18	670	577	510	450	430	452	452	1940	1420	711	404	580
19	706	577	510	455	430	452	452	2160	1290	693	397	530
20	688	577	510	455	430	452	452	1980	1250	693	378	500
21	670	577	505	455	430	452	452	1810	1280	657	378	480
22	662	577	505	455	430	452	452	1580	1200	639	378	460
23	653	577	500	460	430	452	452	1460	1070	630	378	454
24	653	577	500	460	430	452	452	1330	1050	630	418	454
25	653	569	490	460	424	452	452	1150	1130	613	418	454
26	670	569	445	460	438	424	424	1090	1960	630	425	454
27	670	553	445	460	438	410	410	1210	1760	604	447	454
28	688	569	460	460	430	410	410	1500	1140	562	432	454
29	670	569	460	460	424	398	398	1690	1110	545	418	454
30	602	569	460	460	410	410	410	1760	1130	545	425	454
31	602	569	460	460	410	410	410	1810	1130	514	425	454

Year	Mean	703	510	453	434	428	542	1447	1735	733	443	456
1911	60,090	35,880	31,360	27,880	26,990	26,300	32,260	89,000	103,200	65,080	27,230	27,160

PLATE NO. 56

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								1130	1720	754	84	31
2								920	2080	762	59	64
3								1060	2180	460	38	137
4								1220	2060	379	40	126
5								1420	1740	324	41	101
6								1400	1770	274	43	99
7								1430	1900	234	41	96
8								1460	2190	204	28	92
9								1500	2500	193	28	90
10								1500	2280	186	28	96
11								1470	1970	172	27	99
12								1430	1780	140	28	99
13								1530	1720	166	30	96
14								1620	1660	172	32	115
15								1710	1550	193	41	159
16								1770	1500	186	44	197
17								1760	1260	169	39	257
18								1910	990	99	27	261
19								1880	900	88	21	257
20								1600	855	88	19	269
21								1470	738	137	18	286
22								1390	650	162	18	253
23								1160	522	162	21	226
24								950	434	159	23	219
25								837	588	146	28	208
26								864	1450	132	34	208
27								1030	1420	106	33	201
28								1280	1000	117	30	197
29								1420	802	96	28	195
30								1470		76	29	

Year	Mean	196, 160
1961	161	9,610
1962	33.5	2,060
1963	231	14,180
1964	1475	87,790
1965	1374	84,500

NEW IN

第五單元

40151

1-800-255-2100

TETON RIVER near TETONIA, IDAHO, for the year ending September 30, 1914.

PLATE NO. 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	408	414	305	200	220	220	210	279	484	980	466	329
2	397	392	305	205	220	220	250	258	568	1070	454	344
3	386	380	302	210	220	220	250	258	664	1070	460	349
4	380	408	301	205	220	220	300	242	761	930	454	344
5	375	516	300	192	220	220	350	238	554	864	448	334
6	370	484	300	200	230	220	500	234	472	823	443	329
7	364	408	300	205	225	216	600	250	503	761	437	329
8	370	370	300	205	210	212	615	250	541	678	431	324
9	364	364	280	200	200	750	710	279	723	664	431	324
10	364	364	260	200	190	208	324	324	997	664	431	314
11	392	370	260	205	204	204	660	329	1060	608	425	314
12	431	375	260	205	204	204	560	324	921	608	419	314
13	408	380	265	205	204	204	480	301	839	608	413	314
14	392	375	265	205	204	204	400	301	831	595	408	314
15	375	364	270	205	204	204	349	301	905	535	402	310
16	370	354	270	220	204	204	320	305	913	503	397	301
17	364	349	270	220	204	204	290	329	955	484	392	324
18	370	354	275	220	204	204	270	443	930	484	386	370
19	408	359	275	220	204	204	283	408	784	491	380	392
20	454	370	270	220	204	204	274	386	730	510	380	354
21	466	370	255	220	210	202	266	359	831	608	375	329
22	472	354	235	220	210	200	258	324	872	595	370	314
23	448	354	220	220	210	195	258	334	815	548	364	314
24	448	392	210	220	210	185	258	334	723	528	359	314
25	466	380	200	220	210	174	274	310	792	516	354	310
26	443	334	195	210	170	170	262	296	1060	535	349	305
27	402	319	190	210	170	170	246	279	1690	516	349	305
28	443	310	190	210	210	210	250	279	1640	491	344	301
29	466	310	190	210	210	230	329	292	1130	478	334	305
30	437	310	192	210	220	220	301	339	955	478	334	319
31	419	310	192	210	210	204	204	380	955	472	334	319

408	373	255	210	209	206	369	310	855	635	398	325
25,100	22,180	15,670	12,910	12,030	12,640	21,960	19,040	50,860	39,060	24,450	19,320

YEAR OR PERIOD
MINIMUM
275,220

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	639	650	530	370	430	399	408	568	1470	1740	743	587
2	628	628	526	410	430	399	440	544	1620	1830	737	587
3	618	608	526	440	450	399	476	503	1550	1800	725	613
4	608	623	526	450	450	399	558	494	1680	1620	743	592
5	608	706	530	450	490	382	725	521	1560	1480	803	578
6	608	737	530	450	490	374	762	618	1470	1430	796	573
7	597	650	530	450	480	386	939	743	1490	1400	789	568
8	597	602	530	450	458	391	895	823	1530	1310	776	558
9	597	602	458	440	458	391	902	895	1720	1210	762	554
10	592	597	458	440	404	399	1100	1120	2140	1180	776	554
11	613	602	458	430	422	399	1040	1110	2190	1110	796	554
12	661	602	458	430	412	382	991	1240	1970	1060	803	558
13	655	602	458	430	408	391	844	1310	1790	1050	796	558
14	628	602	458	430	426	369	712	1470	1720	1040	789	549
15	608	602	458	440	426	386	618	1640	1770	998	789	549
16	602	597	460	450	422	408	582	1650	1810	924	782	554
17	597	597	470	450	399	391	535	1610	1840	895	782	582
18	602	602	475	450	408	395	507	1540	1770	873	776	628
19	639	613	485	450	391	399	498	1430	1560	859	762	655
20	683	623	485	450	336	404	494	1350	1490	895	756	634
21	694	628	470	450	390	399	484	1310	1630	939	743	597
22	700	618	455	450	405	391	480	1300	1640	961	743	568
23	680	618	435	450	408	391	471	1170	1520	888	737	549
24	680	650	430	450	404	395	466	1060	1410	859	731	549
25	700	634	420	450	395	374	480	954	1460	844	731	549
26	675	554	390	440	395	361	498	880	1720	852	725	544
27	650	521	350	430	386	374	476	888	2570	844	712	539
28	655	521	340	430	382	340	480	1060	2760	810	706	539
29	712	530	340	430	404	404	526	1250	2140	782	683	535
30	689	666	340	430	430	391	587	1290	1740	756	666	549
31	666							1310			613	

Year	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
Mean	641	607	455	438	419	389	632	1086	1758	1097	751	570
Range	39,430	36,140	28,000	26,940	24,090	23,940	37,630	66,750	104,600	67,450	46,160	33,920

Year
on
Tetons
Mean
535.050

PORTNEUF RIVER at FOCAISITO, IDAHO

Daily discharge, in second-feet, of

For the year ending September 30, 1911.

PLATE NO. 5

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	145	252	304	304	270	313	418	478	129	168	23	65
2	146	260	313	295	275	378	448	458	145	157	25	66
3	150	260	313	304	277	388	510	438	243	138	31	65
4	148	277	304	268	286	378	520	428	252	129	46	54
5	148	304	313	313	313	378	428	428	252	116	32	56
6	140	313	313	280	286	378	478	438	243	105	41	58
7	136	304	313	260	304	350	458	458	286	101	40	62
8	139	295	313	250	313	340	438	468	313	96	38	67
9	138	295	304	280	340	340	438	458	468	92	42	71
10	138	295	295	300	350	360	438	458	562	74	49	72
11	142	295	295	310	322	408	428	448	616	80	46	71
12	150	295	295	320	304	438	428	448	616	75	42	73
13	156	295	295	320	295	448	428	448	636	39	47	75
14	162	286	286	330	295	388	418	438	616	40	46	74
15	168	286	286	340	277	331	408	398	542	25	46	65
16	166	286	286	350	277	388	398	378	542	25	46	72
17	163	286	286	350	286	340	378	378	500	20	53	79
18	160	286	286	340	286	360	369	369	458	21	49	86
19	170	286	286	330	277	388	350	350	418	21	47	89
20	192	286	295	320	277	418	304	360	360	21	50	87
21	210	295	295	310	286	418	252	234	322	22	51	84
22	226	295	304	320	286	360	234	210	277	21	57	83
23	234	304	304	326	295	360	378	180	243	22	60	83
24	234	304	304	326	295	360	369	162	216	23	65	82
25	234	304	304	320	295	360	388	162	216	20	65	83
26	234	304	304	300	295	350	408	148	205	20	65	83
27	234	295	295	290	295	408	408	120	226	20	65	83
28	243	313	313	290	286	313	398	86	207	19	64	83
29	243	313	313	270	295	322	428	60	197	20	65	83
30	243	295	295	250	295	340	468	63	176	20	65	83
31	243	295	304	250	295	378	378	63	176	20	65	83

Mean	182	293	294	303	294	366	418	325	352	57.2	49.7	74.8
Lowest	11,180	17,450	18,110	18,630	16,880	22,500	24,880	19,960	20,930	3,520	3,060	4,450

MEAN
ON
181,550