STATE OF IDAHO

DEPARTMENT OF RECLAMATION

MARK R. KULP, STATE RECLAMATION ENGINEER

BOISE

ARNOLD WILLIAMS
GOVERNOR

January 18, 1946

Hon. Arnold Williams
Governor of Idaho
Building

Dear Governor Williams:

Herewith is transmitted the annual report of Lynn Crandall, Watermaster and Special Deputy State Reclamation Engineer, for Water District No. 36, for the year 1945.

In 1945, as in 1944, the water supply was better than the January 1, 1945, snow accumulation indicated. Spring and summer rains made a satisfactory water supply for the district, and the season ended with more hold-over storage than at the start.

Snow accumulation and stored water in reservoirs indicate an ample supply for 1946.

The administration of the district and the distribution of the water supply was handled in the usual efficient manner.

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

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

January 10, 1946

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

Dear Sir:

I am transmitting herewith the annual report covering operations in Water District No. 36 during 1945. The work in this district for many years past has been carried on jointly by the waterusers of the District, the State of Idaho, and the U. S. Geological Survey, each paying a portion of the expense according to their respective interests.

There was an ample water supply for everybody during 1945, and the season closed with 1,700,000 acre-feet of water still left in the reservoirs. Encouraging progress by the Bureau of Reclamation on pre-construction activity at the Palisades reservoir site occurred during the year, leading to the hope that this project will be built before many years.

I wish to express my thanks to yourself and Mr. Roy Thompson, as well as to the members of the Committee of Nine, for advice and assistance. The cooperation of the U. S. Bureau of Reclamation, and the various canal companies is greatly appreciated. Thanks are also due to the various employees of the Water District for their capable service and particularly to Henry C. Eagle and Charlotte M. Elg for assistance in preparing this report.

Very truly yours,

LYNN CRANDALL
Watermaster.

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INTRODUCTION

At the annual watermaster election, held at Idaho Falls on March 5, 1945, Lynn Crandall was elected as watermaster 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, W. A. Heiss, Eph Ricks, Hyrum Severson, N. V. Sharp, and A. E. Stanger.

Advisory members: S. R. Marean and L. W. Hastings. John Lee, Secretary.

The same schedule of stored water transmission losses in use during recent years was again approved by the waterusers: 2½% 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.

The waterusers approved and adopted a proposed budget amounting to $29,168.98 to cover estimated expenses for the following year, and they authorized the watermaster to apportion actual expenses among the various users at the close of the 1945 irrigation season in proportion to amount of water diverted. The period of measurement of diversions for this purpose was to be considered as beginning April 15 in the lower valley, May 1 in upper valley, and May 15 in the headwater areas, and ending September 30 in all cases.

At the time of the annual meeting the snow supply was about 90% of normal for that time of year. May and June precipitation proved to be above normal and an ample water supply was available for the 1945 season. During the year ending September 30, 1945, there were about 988,000 acre-feet that spilled to waste past Milner in excess of Idaho Power Company rights. All reservoirs filled to capacity and storage use

did not begin until July 9, when draft started at American Falls. Draft on the upper reservoirs did not begin until later dates.

After the June rains there was plenty of stored water available for rent to anyone needing same and no crop losses occurred in 1945 due to water shortages. Storage deliveries in the upper valley ended September 19 due to rains, but some storage was delivered at Milner up to September 30. On September 30, 1945, the reservoirs contained 1,718,685 acre-feet or 60% of capacity, compared to 36% a year previous.

Total storage diversions in 1945 amounted to 1,237,942 acre-feet. A striking feature to anyone long familiar with irrigation on Snake River is the large amount of stored water now being used even in years of good runoff. Potatoes, beans, and sugar beets are the crops bringing the largest cash returns to the farmer so he operates to produce the maximum acreage of these crops. They all require heavy irrigation after the floodwaters are gone and maintenance of uniform moisture content in the soil, hence the heavy draft on stored water. The Aberdeen Springfield project is typical of most upper valley projects. Twenty-five years ago 5% of the acreage on that project was in potatoes. In 1945 this had risen to 32%. The depletion of soil fertility is currently being met by the application of commercial fertilizers and this will doubtless continue at an even greater rate in the future. It is, however, possible that with the passage of time the production and feeding of more livestock will be found necessary to maintain the soil in condition to permanently produce satisfactory yields of crops.

The Bureau of Reclamation established an office at Idaho Falls in charge of I. D. Jerman and resumed pre-construction investigations at

the Palisades reservoir site. This work included surveys, drilling tests, explorations to find suitable material for the dam, and appraisal of the lands to be flooded. Sufficient funds are available to continue this work in 1946 and it is expected that the final report of the Bureau of Reclamation on the water supply for the proposed Palisade project will become available to the public during that year.

PERSONNEL

The persons engaged in water distribution during 1945 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
A. H. Bush	Hydrographer
Charlotte M. Elg	Clerk
L. E. Peterson	Deputy Watermaster & Hydrographer, Teton Basin
N. D. White	Deputy Watermaster, Henrys Fork
J. Bohi	Deputy Watermaster, 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
J. A. Clough	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., Bureau of Reclamation
Glenn Simmons	Supt. Jackson Lake, Bureau of Reclamation
S. Geo. Pilcher	Supt. Island Park Res., Bureau of Reclamation
J. J. Taylor	Supt. Grassy Lake, Bureau of Reclamation

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, J. A. Clough, Wm. Hall, A. F. Cutler, Elmer Lenz, and Wm. Huskinson.

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	40	9.6	54	13.8	74	21.5	70	23.0
1921			63	17.9	65	20.6	56	21.3
1922	54	14.2	72	18.2	73	22.0	64	23.4
1923	43	11.3	51	15.6	64	20.7	54	23.0
1924	44	10.8	47	13.5	51	15.8	48	17.7
1925	50	12.8	66	24.0	75	25.9	50	21.9
1926	32	9.0	52	14.0	49	16.6	40	15.6
1927	66	18.5	75	27.0	82	33.0	85	36.0
1928	58	18.0	59	20.4	69	23.8	80	31.5
1929	37	8.8	60	16.5	61	20.2	62	22.0
1930	36	8.3	49	13.5	53	16.8	27	11.7
1931	25	5.2	30	6.2	35	8.4	27	8.9
1932	47	12.1	64	20.0	69	24.0	61	25.0
1933	46	10.8	67	18.8	67	21.6	62	24.0
1934	36	8.5	35	12.9	40	15.3	33	15.7
1935	51	12.2	46	14.3	52	17.9	60	23.8
1936	61	13.8	77	23.1	82	29.9	75	32.0
1937	39	8.4	60	16.2	60	19.7	61	24.3
1938	42	11.3	61	18.9	65	22.5	67	27.7
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
1945	35	9.0	61	15.4	56	18.7	56	20.3
Average, inches	43	11.1	57	16.9	62	20.7	53	21.4

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 1945 water content as a percentage of average was as follows: January 81%, February 91%, March 90%, April 95%. The 1945 run-off at Moran was 88% of average.

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

Year	Feb. 1-6 Snow	Feb. 1-6 Water	Mar. 23-29 Snow	Mar. 23-29 Water
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
1945	38	9.5	54	16.8
Average inches	39	10.6	53	17.1

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

The 1945 snow survey on the Buffalo River watershed showed 90% of average in February and 98% late in March.

Beginning with 1936 snow surveys have been made available by the Irrigation Division, Soil Conservation Service, Department of Agriculture in cooperation with the Forest Service, Bureau of Reclamation,

National Park Service, and State of Idaho. Results of such measurements at the principal stations on the upper Snake River drainage are as follows:

Depth in Inches

	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 "	20	2.9	-	-	-	-	32	9.3		
1942 "	21	4.0	-	-	-	-	38	10.9		
1943 "	31	6.5	-	-	-	-	58	21.1	14	6.3
1944 "	14	2.6	-	-	-	-	41	10.5		
1945 "	22	2.8	-	-	-	-	38	10.0		
Average	20	3.5	-	-	-	-	45	13.8		
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	17.9
1938 "	28	6.5	40	9.6	53	14.8	72	23.3	32	12.0
1939 "	31	7.8	48	11.4	60	18.3	50	17.8		
1940 "	11	0.9	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		
1945 "	26	3.6	30	7.0	49	13.3	54	16.4		
Average	27	5.3	46	11.2	57	16.8	57	19.0		
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	12.1
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	10.9	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		
1945 "	22	3.1	26	5.2	42	10.5	35	11.3		
Average	24	4.2	40	8.9	48	13.2	44	13.9		

	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
Grassy Lake (Fall R.)										
1940 Season	34	13.3	50	21.5	78	32.6	66	33.0	47	28.4
1941 "	61	18.2	72	23.7	75	27.5	64	23.9	57	28.6
1942 "	40	13.2	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
1945 "	60	11.1	60	17.1	79	27.3	84	31.6	83	32.2
Average	51	14.0	65	21.0	79	28.4	75	29.5	60	28.9
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	58	26.0
1938 "	32	8.2	52	14.1	59	18.9	91	29.4		
1939 "	39	10.0	69	17.2	85	25.1	57	24.4	18	8.3
1940 "	31	6.1	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	58	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
1945 "	40	6.4	38	9.9	58	18.7	63	20.5	42	17.7
Average	35	7.6	52	13.7	68	21.6	66	24.2	33	15.0
Teton Pass (Teton R.)										
1936 Season	28	7.4	74	19.6	100	31.6	116	37.0		
1937 "	-	-	41	11.4	62	19.8	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		
1945 "	51	10.1	54	15.6	63	18.6	81	25.8		
Average	39	9.6	55	15.8	71	22.7	80	28.0		
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	27	11.8
1938 "	15	2.0	-	-	41	12.9	56	20.7		
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		
1945 "	31	5.6	28	7.0	39	10.3	45	13.1		
Average	25	5.1	37	9.1	46	13.2	45	15.6		

Station	Last of Dec. Snow	Last of Dec. Water	Last of Jan. Snow	Last of Jan. Water	Last of Feb. Snow	Last of Feb. Water	Last of Mar. Snow	Last of Mar. Water	Last of Apr. Snow	Last of Apr. Water
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	6.9
1939 "	23	4.9	-	-	-	-	33	7.2	-	-
1940 "	-	-	-	-	25	7.0	24	6.0	-	-
1941 "	-	-	-	-	35	10.4	32	11.0	-	-
1942 "	-	-	-	-	32	7.0	32	7.9	-	-
1943 "	-	-	-	-	51	15.9	54	18.1	-	-
1944 "	-	-	-	-	27	5.8	31	7.1		
1945 "	-	-	-	-	31	6.8	33	8.6		
Average	17	3.4	-	-	33	8.8	38	11.4		
Bryan Flat (Hoback R.)										
1936 Season	11	1.7	32	7.1	45	15.8	55	19.5		
1937 "	14	2.2	19	4.4	34	9.2	30	10.3	15	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	20	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		
1945 "	22	3.5	23	4.0	28	7.7	31	7.7		
Average	17	3.5	26	5.9	32	9.0	31	9.7		
Grover Park Divide (Salt River)										
1936 Season	16	3.4	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 "	13	2.0	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 "	33	7.6	46	13.8	43	13.9	45	15.2		
1944 "	16	3.0	24	4.4	27	6.1	36	7.8		
1945 "	31	4.2	28	5.4	32	8.2	42	11.2	29	10.1
Average	22	4.1	30	7.2	34	10.0	36	11.2		
CCC Camp FF12 (Salt River)										
1936 Season	23	5.9	35	10.7	53	17.1	71	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	10.2	21	7.8		
1940 "	9	1.0	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 "	33	7.4	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
1945 "	-	-	26	5.3	34	9.3	40	10.5	22	8.6
Average	20	4.1	29	6.8	35	9.8	37	11.5		

Station	Last of Dec. Snow	Last of Dec. Water	Last of Jan. Snow	Last of Jan. Water	Last of Feb. Snow	Last of Feb. Water	Last of Mar. Snow	Last of Mar. Water	Last of Apr. Snow	Last of Apr. Water
Deadman Ranch (Greys R.)										
1936 Season	19	2.6	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	0	0
1942 "	19	2.0	24	3.8	31	5.8	29	6.7		
1943 "	-	-	59	17.4	57	19.8	54	18.4	0	0
1944 "	-	-	16	1.3	18	2.9	20	5.3		
1945 "	28	4.0	26	4.0	33	8.8	32	8.5	18	6.0
Average	19	2.9	30	6.4	35	9.6	30	9.2		
Greys Boundary (Greys River)										
1936 Season	-	-	38	9.3	46	14.9	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 "	2	0.2	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 "	44	10.5	46	12.2	47	15.5	41	14.7	0	0
1944 "	7	1.0	18	3.0	20	4.9	18	5.3		
1945 "	26	4.8	25	5.5	32	9.1	40	13.1	16	5.5
Average	20	4.1	30	6.7	35	10.3	30	10.4		
Somsen's Ranch (Greys Lake)										
1936 Season	-	-	35	10.5	51	16.5	64	20.7		
1937 "	-	-	28	5.6	36	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	0	0
1944 "	-	-	19	2.4	23	4.2	30	7.0		
1945 "	-	-	24	5.8	37	9.0	43	12.6	28	9.5
Average	-	-	30	6.9	35	9.9	35	11.2		

At the end of March 1945 the snow supply (water content) was the following % normal on different sections of the watershed: Jackson Lake 90%, Tributaries Jackson Lake to Heise 94%, Island Park 80%, Fall River 96%, Teton River 88%. The runoff for 1944 was 88% of normal at Moran, 93% at Heise, 101% from Island Park, 101% on Fall River, and 121% on Teton River.

The runoff percentages of normal corresponded quite closely with the snow surveys at Moran and Heise but on Henrys Fork and tributaries the runoff was greater than the snow surveys would indicate due to heavy precipitation during June and August. The precipitation at three typical stations on the Henrys Fork drainage during those months in 1945 was as follows:

Station	June		August	
	Actual	Normal	Actual	Normal
Driggs	7.09"	1.80"	3.90"	1.28"
Ashton	5.14"	1.48"	2.20"	0.77"
Island Park	6.90"	3.89"	3.52"	1.55"
Mean 3 Stations	6.38"	2.39"	3.21"	1.20"

REGULATION SCHEDULE

The following schedule shows priorities being filled during 1945. Spill past Milner ceased on July 5. Storage draft by lower valley canals began July 9 (American Falls date). American Falls reservoir dropped about 4,000 acre-feet between these dates but storage use was not charged until July 9 as the reservoir was above its rated capacity of 1,700,000 acre-feet.

Upper valley regulation began July 11 by cutting off the 1916 flood water rights. These were, however, restored the following day and cut off again July 17. From July 30 until September 18 the river flow was sufficient most of the time to fill or partly fill the Aberdeen-Springfield right of February 6, 1895, priority except for a couple days at the end of August when a temporary heavy demand caused a cut into the December 14, 1891 right. Rights of 1915 priority were restored September 21 and upper valley river riders ceased work on September 24.

For a period of about a week beginning July 22 the flow of Henrys

Fork and Fall River was insufficient to fill rights as late as those being filled on the main river. Teton River was operated on the Snake River schedule thruout the season.

From July 26 to September 17 there was no normal flow passing Blackfoot. Normal flow tributary to the river below Blackfoot during this period was delivered to the Twin Falls Canal Company and North Side Canal Company according to their respective share in the earliest lower valley decree of October 11, 1900 priority.

Some water was available for the American Falls reservoir priority of March 30, 1921, beginning July 9, as follows: July 9, 14-16, September 23-30. In accordance with the order of the Secretary of the Interior dated April 6, 1936, 12,712 acre-feet of this water were delivered as natural flow to the Gooding Project and 55,570 acre-feet were credited to American Falls reservoir as stored water.

1945 REGULATION SCHEDULE

July 11	Began regulation. Cut off 1916 rights.
" 12	Restored Jan. 22, 1916 rights.
" 17	Cut off 1916 rights.
" 18	Cut off rights later than Aug. 6, 1908.
" 22	Cut off rights later than Oct. 7, 1905.
" 25	Cut off rights later than March 26, 1903.
" 26	Cut off all 1900 rights.
" 27	Cut off all 1897 rights.
" 28	Cut off rights later than June 1, 1896.
" 29	Cut off March 1, 1895 rights.
" 30	Filled 80% Feb. 6, 1895 right.
" 31	Filled 50% Feb. 6, 1895 right.
Aug. 1	Filled 40% Feb. 6, 1895 right.
" 3	Filled 20% Feb. 6, 1895 right.
" 5	Filled 100% Feb. 6, 1895 right.
" 9	Filled June 1, 1896 rights.
" 13	Cut off 1896 rights.
" 14	Cut off rights later than Feb. 6, 1895.
" 16	Filled 80% Feb. 6, 1895 right.
" 17	Filled 60% Feb. 6, 1895 right.
" 21	Filled July 1, 1896 rights.
" 22	Filled all 1896 rights.

Regulation schedule - cont'd.

Aug. 27	Cut off rights later than July 1, 1896
" 28	Filled 80% Feb. 6, 1895 right
" 29	Cut off all 1895 rights
" 31	Filled 40% Dec. 14, 1891 right
Sept. 1	Filled May 1, 1892 rights.
" 2	Filled 30% Feb. 6, 1895 right.
" 3	Filled 50% Feb. 6, 1895 right.
" 4	Filled all Feb. 6, 1895 right.
" 5	Filled 70% Feb. 6, 1895 right.
" 6	Filled 50% Feb. 6, 1895 right.
" 7	Filled 40% Feb. 6, 1895 right.
" 10	Filled 20% Feb. 6, 1895 right.
" 12	Filled 10% Feb. 6, 1895 right.
" 14	Filled 50% Aug. 18, 1894 right.
" 18	Filled 20% Feb. 6, 1895 right.
" 19	Filled 1900 rights.
" 21	Filled 1915 rights.

The Jackson Lake gates were closed September 19, 1945, except for leakage. The inflow below Moran thereafter was sufficient to fill all demands with a surplus spilling past Blackfoot.

WATER SUPPLY

Runoff at typical measuring stations for the year ending September 30, 1945, was as follows:

Station	1945 runoff (acre-ft.)	Average runoff past years (Acre-ft.)	Years of record	1945 percent of average
Snake R. at Moran	896,410	1,024,000	42	88
Snake R. nr. Heise	4,690,260	5,022,000	42	93
Snake R. at Neeley	4,905,750	5,670,000	49	87
Fall R. nr. Squirrel	541,600	536,500	32	101
Teton R. nr. St. Anthony	653,830	537,900	18	121
Henrys Fork at Warm R.	724,800	715,500	31	101
Henrys Fork nr. Rexburg	1,530,000	1,388,000	37	110

The runoff 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.

The runoff on the main river averaged about 10% below normal and on Henrys Fork, including Teton River, about 10% above normal. Snake River at the Heise station reached a peak flow of 22,200 second-feet on June 27, with Jackson Lake full and overflowing. The protective works between Heise and Blackfoot completed by the Army engineers during recent years were effective in largely eliminating damage that would otherwise have occurred at this discharge.

Total runoff past Milner for the year ending September 30, 1945, amounted to 1,138,000 acre-feet. The Idaho Power Company primary and secondary rights are estimated to have required about 150,000 acre-feet of this discharge, leaving about 988,000 acre-feet as spill of unused water.

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

	Holdovers on Sept. 30 in acre-feet				
	1945	1944	1943	1942	1941
American Falls	924,820	534,450	897,050	410,360	319,800
Jackson Lake	568,030	300,570	650,340	321,330	226,110
Lake Walcott	91,460	78,020	42,710	93,550	18,850
Henrys Lake	64,200	55,900	76,200	43,810	38,900
Island Park	56,775	51,900	84,050	60,620	39,230
Grassy Lake	13,400	6,420	14,750	10,910	8,170
Total	1,718,685	1,027,260	1,765,100	940,580	651,060

Some water was spilled from Island Park and Grassy Lake reservoirs during September by the Bureau of Reclamation in expectation of doing some repair work, so the contents of those reservoirs on September 30, 1945, were lower than would otherwise have been the case.

TRANSFERS AND EXCHANGES

Only one transfer was made during the year under the terms of the Idaho Water Transfer Statute, as follows:

Transfer No. 677 - Elmer W. Meierotto, 2.6 sec.-ft. June 1, 1885 priority from Butler Island Canal, less 5% river loss, transferred to lands under Great Western Canal.

A number of persons are anxious to buy water rights and transfer to new lands but are unable to find any water rights that can be purchased and transferred.

The following changes in point of diversion were made during the year:

Order Granting Change	
No. 178 -	H. S. Gideon and Coral Allred, 6.0 sec.-ft. June 1, 1887 priority from Nelson-Corey ditch to Texas Feeder and Liberty Park Canal. This change was made because it is impossible to get enough water into the Nelson-Corey ditch at low river stages.
No. 181 -	Harry J. Kruse, 3.4 sec.-ft. Oct. 16, 1890 priority from Butte & Market Lake Canal to Kruse Ditch.
No. 182 -	T. R. David, 3.2 sec.-ft. Oct. 16, 1890 priority from Butte & Market Lake Canal to David Ditch.

There were several other users at the lower end of the Butte & Market Lake Canal system who were allowed to pump their water directly from the river during 1945, and it is anticipated that they will make application for a permanent change in point of diversion as soon as some necessary arrangements can be made. These parties are willing to pay the cost of pumping their water 10 to 15 feet directly from the river for the sake of the more dependable supply than they had previously received by gravity flow thru the Butte and Market Lake canal.

Several temporary transfers of natural flow between adjacent canals

to better facilitate local distribution were allowed, as follows:

1	sec.-ft. from Kelly Springs to Sunnydell
2	sec.-ft. from Jennings to Rudy
0.43	sec.-ft. from Steele to Cheney
0.4	sec.-ft. from West Labelle to Carl White
30	sec.-ft. from Island to Dilts (common feeder canal).

LITIGATION

Suits were filed and summary decrees were entered during the year in two cases in the Fremont County District Court:

Burt Ruud vs. Lynn Crandall, Watermaster
Decreed 8 sec.-ft. July 5, 1900 priority from North Fork of Indian Creek (Swan Valley section).

Oscar J. Nord vs. Lynn Crandall, Watermaster
Decreed 1.6 sec.-ft. June 1, 1890 priority from Snake River (Ririe section).

These are both rights which it is claimed were established prior to the Rexburg water decree in 1910 but the former owners were overlooked in naming the defendants in the Rexburg case.

CANAL DELIVERIES

Daily deliveries during the months May to September, inclusive, from the main river between Heise and Blackfoot are shown on Plates 6 to 10, inclusive. No records were secured of the diversions by upper valley canals during the non-irrigation season.

Daily records for the entire year of diversions by canals below American Falls are shown on Plates 34 to 44, inclusive. Scattered readings and measurements on principal canals and streams in Teton Basin and other headwater areas are shown on Plate 24.

Total diversions by all canals in the District, including estimates for headwater diversions, as computed for the 1945 watermaster bill, amounted to 6,767,000 acre-feet or 267,000 acre-feet more than in 1944.

Nearly all of this increase occurred on Snake River between Heise and Milner, there being very little increased diversion by Henrys Fork canals in 1945.

Diversions during 1945 irrigation season of Snake River Canals (downstream order from Heise)

Canal	Diversions (acre-feet)	Irrigated area (acres)	Acre-feet per acre
Riley	4,120	800	5.2
Anderson & Eagle Rock	176,000 (a)	31,800	5.5
Farmers Friend	75,000	10,200	7.4
Enterprise	31,200	5,000 (b)	6.2
Nelson	236	60	3.9
Mattson & Arnsberger	2,350	500	4.7
Ross & Rand	750	160	4.7
Butler Island	13,700	1,150	11.9
Steele	1,900	250	7.6
Harrison	90,400	12,000	7.5
Cheney	1,860	200	9.3
Rudy & Boomer	41,600	5,000	8.3
Kite & Nord	1,380	210	6.6
Burgess	198,000	20,000	9.9
Clark & Edwards	17,300	1,800	9.6
Lowder & Jennings	10,400	1,000	10.4
East Labelle	27,000	2,200	12.3
Sunnydell	26,200	3,600	7.3
Lenroot	28,700	3,800	7.5
Reid	31,300	5,500	5.7
Texas Feeder	50,300	8,000	6.3
Nelson Corey	1,530	460	3.4
Hill Pettinger	218	154	1.4
Rigby	42,200	4,000	10.5
Dilts	6,500	525	12.4
Island	38,200	3,500	10.9
W. Labelle & Long Island	108,700	8,500	12.8
Parks & Lewisville	74,700	6,500	11.5
N. Rigby	12,400	1,200	10.3
White	696	120	5.8
Ellis	785	110	7.1
Bramwell	1,270	200	6.3
Butte & Market Lake	61,600	18,000	3.4
Osgood	25,500	6,500	3.9
Bear Isl. & Smith	547	170	3.2
Idaho	209,000 (a)	35,713	5.9
Kennedy	10,100	2,300	4.4
Great Western & Porter	174,500	28,900	6.0
Coy & Kellar	320	70	4.6

Canal	Diversions (acre-feet)	Irrigated area (acres)	Acre-feet per acre
Woodville	18,200	3,000	6.1
Snake River Valley	134,000 (a)	21,000	6.4
Reservation	192,000 (c)	34,000	5.6
Blackfoot	71,600	12,500	5.7
New Lava Side	35,700	5,000	7.1
Peoples	122,000	18,000	6.8
Aberdeen	307,000	61,000	5.0
Corbett	39,600	7,000	5.6
Nielsen-Hansen	2,300	460	5.0
Riverside	29,900	3,000	10.0
Danskin	47,500	6,000	7.9
Trego	15,400	1,500	10.3
Wearyrick	12,400	1,500	8.3
Watson	26,600	4,800	5.5
Parsons	6,750	800	8.4
Minidoka Irr. Dist.	439,000	70,454	6.2
Burley Irr. Dist.	259,500	45,000	5.8
N. S. Canal Co.	998,000	161,480	6.2
Twin Falls Canal	983,300	202,661	4.8
Milner Low Lift	48,060	9,033	5.3
Gooding Project	396,500	58,000	6.8
Total	5,782,772	956,340	6.0

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

(b) About 1,900 acres of this supplied thru Eagle Rock Canal after July 29.

(c) 107,000 from Snake River, balance from Blackfoot River and Sand Creek

Total diversions by the foregoing canals were about 260,000 acre-feet greater than in 1944, altho 420,000 acre-feet less than in 1943, year of maximum diversion.

Of the 3,124,630 acre-feet diverted by lower valley canals, 1,001,700 acre-feet or 32% was stored water. Of the 2,658,142 acre-feet diverted by upper valley main river canals 171,137 acre-feet or 6.4% was stored water. Upper valley canals used only about 40% as much

as much storage in 1945 as during the preceding year due to better sustained natural flow. The Butte & Market Lake Canal Company improved its headgate and upper end of its main canal and was able to divert more water during the latter part of the season than in recent years.

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

Year	May	June	July	Aug.	Sept.	Season
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
1945	337	455	700	629	453	2574
Average	421	586	674	564	413	2658

Henrys Fork and Tributaries
(excluding headwater creeks)

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
1945	141	181	206	168	109	805
Average	188	214	192	158	105	857

1939-45 figures are after deduction for water spilled from Cross Cut Canal into Teton River.

Minidoka Project

Year	April	May	June	July	Aug.	Sept.	Season
1936	26	169	128	169	150	99	741
1937	18	145	130	176	156	96	721
1938	32	147	145	145	167	113	749
1939	77	164	130	165	159	97	792
1940	35	162	156	173	159	50	735
1941	20	152	125	169	148	90	704
1942	15	87	155	181	170	101	709
1943	33	162	105	182	167	103	752
1944	16	115	85	180	167	106	669
1945	7	121	122	178	167	102	697
Average	28	142	128	172	161	96	727

North Side Canal Co. Project

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
1945	54	185	177	223	220	154	1013
Average	60	184	185	215	212	138	994

Twin Falls Project

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
1945	53	184	175	214	217	156	999
Average	75	190	180	213	218	149	1025

Gooding Project

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

Gooding Project (cont'd)

Year							
1942	18	77	78	96	90	67	426
1943	2	64	62	91	92	57	368
1944	5	63	73	93	90	67	391
1945	14	75	77	90	80	61	397
Average	12	66	72	87	81	57	375

In the upper valley May and June diversions were below average due to rains, but diversions during July, August and September were above the average in past years.

In the lower valley weather conditions were not unusual enough to cause any marked variations from normal quantities in the amount of water diverted.

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.

Stored water discharged past the Clough station amounted to 122,856 acre-feet net during the season, of which 41,640 acre-feet (44,520 at Rexburg) was Island Park storage spilled by the Bureau of Reclamation and 81,216 acre-feet was American Falls storage belonging to upper valley canals being delivered to American Falls Reservoir for 1946 holdover. The latter quantity is somewhat greater than is ordinarily spilled as operational waste past Blackfoot. The increase was mainly due to several rains causing an increased supply in the river before cuts at Moran became effective and in part to the fact that a plentiful

supply of holdover storage was available and the farmers were so pressed with need for labor on the farms that it appeared best to spill enough water past Blackfoot to avoid the need of building temporary diversion dams in that vicinity.

The daily normal flow at Neeley is calculated by adding the inflow Cloughs to Neeley to the normal flow at Cloughs. Measurements of the various spring fed streams contributing to this inflow were made during 1945 on or about May 9, June 9, July 5, 18, 25, August 12, September 17, and the discharge interpolated for intervening dates. Daily records of the flow of the Portneuf River and the Aberdeen Wasteways are available. The inflow data so computed are shown on Plate 11 during the irrigation season.

The computed daily normal flow at Neeley is delivered to the downstream canals, without loss or gain, according to their various decrees and any additional water diverted by them is listed as storage diversions. 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 stored water.

STORED WATER DELIVERIES

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

1945 Allotment in Acre-feet
(Downstream order from Heise)

Canal	Jackson	American Falls Regular Right	American Falls Lease	Total, both Reservoirs
Riley (Poplar Irr. Dist.)	1,200	793	291	2,284
Progressive Irr. Dist.	0	14,609	5,826	20,435
Farmers Friend	2,000	0	0	2,000
Enterprise Canal Co.	6,100	10,509	3,860	20,469
Harrison Canal Co.	5,000	11,994	4,784	21,778

1945 Allotment in Acre-feet (cont'd)

Canal	Jackson	American Falls Regular Right	American Falls Lease	Total, both Reservoirs
Rudy Canal Co.	2,000	2,000	797	4,797
Burgess Canal Co.	5,120	7,496	3,404	16,020
Lowder Slough	1,040	0	0	1,040
Sunnydell Irr. Dist.	4,000	0	0	4,000
Lenroot Canal Co.	3,000	4,504	1,796	9,300
Reid Canal Co.	0	3,002	1,103	4,105
Dilts Irr. Co.	0	1,034	412	1,446
Enterprise Irr. Dist.	0	12,000	7,657	19,657
Butte & Market Lake	0	3,002	1,103	4,105
Utah Idaho Sugar Co.	0	15,852	6,324	22,176
Idaho Irr. Dist.	0	26,986	9,910	36,896
Kennedy	355	0	0	355
New Sweden Irr. Dist.	5,000	28,528	11,380	44,908
Martin Canal Co.	1,500	2,250	825	4,575
Bear Island (Klussman)	0	225	82	307
Smith Ditch (Austin)	0	79	32	111
Woodville Canal Co.	0	9,000	770	9,770
Snake River Valley I.D.	15,000	27,643	10,152	52,795
Blackfoot Canal Co.	0	15,033	5,520	20,553
Peoples Canal Co.	8,000	22,519	8,983	39,502
Aberdeen Springfield	42,685	41,333	44,048	128,066
Corbett Slough	0	4,000	1,469	5,469
Trego Ditch Co.	0	1,462	537	1,999
Minidoka Irr. Dist.	186,030	50,000	15,401	251,431
Burley Irr. Dist.	139,780	0	19,660	159,440
Milner Low Lift	0	34,113	12,528	46,641
Twin Falls Canal Co.	97,183	151,185	15,728	264,096
Hillsdale Irr. Dist.	0	41,146	0	41,146
N. S. Canal Co.	322,007	279,110	139,511	740,628
Idaho Power Co.	0	45,000	0	45,000
Gooding Project	0	400,000	0	400,000
U. S.	0	0	99,700	99,700
Total	847,000	1,266,407	433,593	2,547,000

The United States withheld 99,700 acre-feet of the lease water in 1945, of which it resolt 99,539 acre-feet. Re-sales to leaseholders amounted to 88,463 acre-feet @ 15¢ per acre-foot and to others 11,076 acre-feet @ 30¢ per acre-foot.

After the irrigation season was far enough advanced to make it appear certain that there would be a considerable surplus of stored water in 1945, the following amounts of lease water were listed with

the Government for resale:

No.	Company	Acre-feet
1	Minidoka Irrigation Dist.	15,401
2	N. S. Canal Co.	25,000
3	Twin Falls Canal Company	15,728
4	Burley Irrigation District	19,660
5	Reid Canal Company	1,103
	Total	76,892

The amount of water withheld by the Government from the lease was, however, sufficient to meet all rental demands so it was not possible to resell any of the water offered by the above companies and districts. Amounts of water rented by the Government to various individuals, canals and districts are shown in detail on Plates 14, 22 and 23.

The allotment of Lake Walcott water to the Minidoka project was 95,180 acre-feet, contents on July 9 when storage draft began. There was a plentiful supply of water in American Falls, and Lake Walcott was held up close to maximum levels thruout the season, presumably for greater power production. It still held 91,460 acre-feet on September 30. The Minidoka project was also allotted 49,960 acre-feet gain from Neeley to Milner during the period July 9 to September 19 when that project was using stored water.

Yield of Market Lake Springs during the period of storage use was 1,105 acre-feet, which was acquired by the Owners Mutual Irrigation Company for use thru the Kennedy Ditch.

Owing to complications and requirements by the Government that the Fremont-Madison Irrigation District considered oppressive, that District refused to rent any water in 1945 from Island Park or Grassy Lake reservoirs to lands outside the District. On that account all rentals to such lands on Henrys Fork and tributaries in 1945 were made from the

Government's reserved American Falls lease water and were made available by exchange for natural flow.

The American Falls reservoir loss during the period of storage use July 9 to September 30, amounting to 15,490 acre-feet or 0.91% of capacity, was not charged to individual canals in the tabulations of storage use shown on Plate 14. The holdover on September 30 was large enough so that considerable water will have to be spilled from American Falls before the 1946 irrigation season.

Similarly no charge to individual canals is made on Plate 14 for 11,350 acre-feet of stored water spilled past Milner in excess of draft by the Idaho Power Company; 7,069 acre-feet of the amount spilled was due to a break in the Gooding Canal.

A pooling committee was appointed by the Committee of Nine following the annual meeting on March 4, 1945. The committee consisted of John E. Kelley, Chairman, John Lee, Eph Ricks, Hyrum Severson, and N. V. Sharp. This committee held several meetings in March and May, approving a few storage rentals, but by June 1st it was apparent that the supply of stored water would be sufficient to meet all demands, hence no further meetings were necessary.

The canals all had sufficient stored water to run continuously and there was no need for cut-outs and credits for stored normal flow such as has existed in some past years of inadequate supply.

After storage draft began on July 9 there were 55,570 acre-feet of stored water available for credit to American Falls reservoir, nearly all of which accumulated during the last week in September, and was in the reservoir on September 30. There were also 21,907 acre-feet gain Neeley to Milner in excess of the gain in this section credited to the

Minidoka project. This occurred during the last ten days in September and also was in American Falls reservoir on September 30. No attempt was made to allocate those various accumulations late in September as noone could use them in 1945 and they merely were in American Falls reservoir at the end of the season as part of the holdover for 1946.

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

Supply

Jackson Lake (July 22)	853,120	acre-ft.
American Falls (July 9)	1,702,800	"
Additional for American Falls right July 9-Sept. 30	55,570	"
Lake Walcott (July 9)	95,180	"
Grassy Lake	15,244	"
Island Park (July 20)	133,590	"
Henrys Lake (July 27)	81,007	"
Gain Neeley to Milner	71,867	"
Sheridan Creek right	1,690	"
Market Lake springs	1,105	"
Total	3,011,173	"

Disposal

Used by Snake River rights	1,172,837	acre-ft.
Used by Henrys Fork rights	65,105	"
Transmission losses Snake R.	29,272	"
Transmission losses Henrys Fk.	2,977	"
American Falls Res. Loss	15,490	"
Storage waste past Milner	11,350	"
Henrys Lake loss	800	"
Holdovers		
Jackson Lake (Sept. 20)	559,320	"
American Falls (Sept. 30)	924,820	"
Lake Walcott (Sept. 30)	91,460	"
Island Park (Sept. 25)	56,775	"
Henrys Lake (Sept. 20)	64,067	"
Grassy Lake (Sept. 25)	13,385	"
Total	3,007,658	"

The variation in the totals is due to the time interval between measuring stations, not all records ending on comparable dates and hours. On September 30, for example, American Falls reservoir was storing

water at the rate of 14,000 acre-feet daily. If instead of using the average reservoir contents for that day the contents at 6 p.m. were used, the total supply and disposal for the season would have exactly balanced.

The following tabulation shows storage used from Jackson Lake and American Falls reservoirs during 1945. In preparing this table all upper valley canals were charged with a loss of 7.26% from reservoir to headgate. Lower valley canals were charged with 0.91% loss in American Falls reservoir during the period July 9 to September 30, on water actually used.

Storage used from Jackson Lake and American Falls, 1945
Acre-feet

	Jackson Lake		American Falls	
	at Reservoir	at Headgate	at Reservoir	at Headgate
Aberdeen Project	42,685	39,585	6,610	6,130
American Falls Dist. #2	0	0	200,558	198,733 (b)
Austin (Lyle)	82	76	0	0
Austin (Smith)	0	0	64	60
Blackfoot Irr. Co.	0	0	667	619
Burgess Canal Co.	5,120	4,748	8,213	7,615
Minidoka Project	192,724 (a)	190,970 (a)	0	0
Butte & Market Lake	0	0	0	0
Corbett Slough	0	0	250	232
Dilts Irr. Co.	0	0	0	0
Enterprise Canal Co.	6,100	5,657	11,413	10,583
Enterprise Irr. Dist.	0	0	15,415	14,297
Farmers Friend	1,814	1,682	0	0
Harrison Canal	1,431	1,327	0	0
Idaho Irr. Dist.	0	0	6,202	5,752
Idaho Power Co.	0	0	5,144	5,097 (c)
Klussman (Nandorf)	0	0	193	179
Lenroot Canal	3,000	2,782	2,824	2,619
Lowder Slough	111	103	0	0
Martin Canal Co.	1,500	1,391	2,832	2,627
Milner Low Lift	0	0	26,170	25,932
New Sweden Dist.	5,000	4,637	3,099	2,874
North Side Project	0	0	390,429	386,876
Owners Mutual (Kennedy)	200	185	0	0
Peoples Canal	8,000	7,419	1,006	932
Poplar Irr. Dist.	1,200	1,113	734	680
Progressive Irr. Dist.	0	0	4,994	4,631
Reid Canal	0	0	34	32
Rudy Canal	2,000	1,855	3,612	3,350

Storage used from Jackson Lake and American Falls, 1945 (cont'd)

	Jackson Lake		American Falls	
	at Reservoir	at Headgate	at Reservoir	at Headgate
Snake R. V. Irr. Dist	15,000	13,910	20,292	18,822
Sunnydell	1,713	1,589	0	0
Trego	0	0	203	188
Twin Falls Canal	0	0	88,421	87,616
Utah-Idaho Sugar Co.	0	0	9,675	8,973
Woodville Canal	0	0	348	323
Non-lease rentals	0	0	7,961	7,404
Total	287,680	279,029	817,363	803,176

(a) Exchanged for American Falls
(b) Includes 7,069 wasted past Milner during canal break
(c) Includes 1,785 used Sept. 22-30.

American Falls reservoir on September 30, 1945, contained 41,640 acre-feet of Island Park water and 3,970 acre-feet of Lake Walcott water, the latter figure representing the drop in Lake Walcott September 19-30 after the Minidoka Project ceased using storage.

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, 1945
(Heise dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Moran	200	28,962	110,007	114,968	58,604	312,741
Heise	335,760	452,400	438,800	279,330	189,590	1,695,880
Riley Ditch	314	335	700	547	179	2,075
Heise & Riley	336,074	452,735	439,500	279,877	189,769	1,697,955
Tot.gain s.f.	335,874	423,773	329,493	164,909	131,165	1,385,214
Mean gain s.f.	10,835	14,126	10,629	5,320	4,372	9,054
Tot.gain ac.ft.	666,197	840,541	653,540	327,092	260,162	2,747,532

The gain was considerably greater each month than in 1944, averaging 43% more for the five months period. This held on natural flow priorities to a later date and reduced the amount of storage draft. 82% of the runoff at Heise during the irrigation season came from inflow below Moran.

Gain in Snake River, Heise to Shelley, 1945
- is loss
(Heise dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Heise & Riley	336,074	452,735	439,500	279,877	189,769	1,697,955
Rexburg	119,290	114,420	64,180	47,804	75,280	420,974
Total Supply	455,364	567,155	503,680	327,681	265,049	2,118,929
Diversions	102,393	151,588	244,569	225,418	158,603	882,571
Shelley	341,320	452,500	269,470	128,740	139,790	1,331,820
Total use	443,713	604,088	514,039	354,158	298,393	2,214,391
Tot.gain s.f.	-11,651	36,933	10,359	26,477	33,344	95,462
Mean gain s.f.	- 376	1,231	334	854	1,111	624
Tot.gain ac.ft.	-23,109	73,255	20,547	52,516	66,137	189,346

The usual loss occurred in May as the rising river flooded over the gravel beds between Heise and Lorenzo. The large gain in June was probably due to waste back to the river from the canals as a result of heavy June rains. The canal waste decreased in July and during August and September the falling river levels allowed more ground water to drain into the river below Lorenzo. The gain for the season was 25% greater than in 1944. The July-September gain averaged 766 sec.-ft. compared to 688 sec.-ft. a year ago and 1,113 sec.-ft. in 1943.

Gain or loss in Snake River, Shelley to Clough, 1945
- is loss
(Shelley dates and 24-hr. sec.-ft. except as noted.)

Station	May	June	July	Aug.	Sept.	Season
Shelley	338,700	448,650	277,870	128,170	139,740	1,333,130
Blackfoot R.	6,856	5,299	1,166	3,134	5,735	22,190
Total Supply	345,556	453,949	279,036	131,304	145,475	1,355,320
Diversions	67,694	77,836	108,260	91,793	69,964	415,547
Clough	256,450	352,990	165,186	41,026	77,565	893,217
Total use	324,144	430,826	273,446	132,819	147,529	1,308,764
Tot.diff. s.f.	-21,412	-23,123	- 5,590	1,515	2,054	- 46,556
Mean diff.s.f.	- 691	- 771	- 180	49	68	- 304
Tot.diff.ac.ft.	-42,470	-45,864	-11,087	3,005	4,074	- 92,342

The seasonal loss was practically the same as in 1944. There are about 160 sec.-ft. of rising water entering the river a short distance above the Clough station that is not counted as supply in the preceding tabulation, hence the losses from the Shelley station to a point just upstream from this rising water would be greater than the figures shown in the table by 160 sec.-ft. mean daily flow plus unmeasured waste back to the river from the canals.

Gain or loss in Snake River, Clough to Neeley, 1945
- is loss
(Neeley dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Clough	254,630	346,470	177,480	40,917	73,320	892,817
Inflow	103,717	98,133	86,119	86,218	90,112	464,299
Res. Draft	- 5,226	- 1,412	122,117	217,593	51,677	384,749
Total Supply	353,121	443,191	385,716	344,728	215,109	1,741,865
Neeley	349,210	442,680	368,100	347,500	214,996	1,722,486
Tot.diff.s.f.	- 3,911	- 511	-17,616	2,772	- 113	- 19,379
Mean diff.s.f.	- 126	- 17	- 568	89	- 4	- 127
Tot.diff. ac.ft.	- 7,757	- 1,014	-34,941	5,498	- 224	- 38,438

The total loss in this section which includes American Falls reservoir was about the same as in 1944. A loss occurred each month except during the heavy drawdown in August when bank storage return more than offset the loss, leaving a net gain. The loss during the period of storage use July 9 to September 30 amounted to 15,490 acre-feet or 0.91% of reservoir capacity.

Gain or loss in Snake River, Neeley to Minidoka, 1945
- is loss
(Minidoka dates and 24-hr. sec.-ft.except as noted)

Station	May	June	July	Aug.	Sept.	Season
Neeley	347,630	440,330	369,900	347,800	218,386	1,724,046
Walcott draft	- 176	- 543	- 303	760	2,940	2,678
Total Supply	347,454	439,787	369,597	348,560	221,326	1,726,724
N. Minidoka	38,227	35,975	50,770	46,280	27,447	198,699
S. Minidoka	22,708	25,775	38,998	38,100	24,214	149,795
Minidoka	288,570	379,640	280,350	261,740	170,880	1,381,180
Total use	349,505	441,390	370,118	346,120	222,541	1,729,674
Tot.diff. s.f.	2,051	1,603	521	-2,440	1,215	2,950
Mean diff.s.f.	66	53	17	- 79	40	19
Tot.diff.ac.ft.	4,068	3,179	1,033	-4,839	2,409	5,850

There seems to be a tendency in recent years for less loss and more gain in this section than formerly. It is possible that leakage from American Falls reservoir may have built up the ground water levels southwest of that reservoir and may be draining back to Snake River below Neeley and in the upper half of Lake Walcott where a tributary water table exists. If this should prove to be the case the question might arise whether any increased flow from this source should be allotted to the Minidoka Project, which in effect is what happens when the overall gain from Neeley to Milner is credited to that project during periods that it is drawing stored water. It is, however, difficult to accurately detect losses and gains in this section by subtraction of large river flows that are not susceptible of precise measurement. If the question is deemed of sufficient importance it might be advisable to start getting systematic readings of water levels in any wells from American Falls to Lake Walcott between the Union Pacific Railroad and Snake River.

Gain in Snake River, Minidoka to Milner stations, 1945
(Milner dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Minidoka	286,390	376,480	283,490	262,000	174,300	1,382,660
P. A.	1,743	1,794	1,869	1,863	1,382	8,651
Milner Low Lift	3,761	4,035	6,173	6,205	4,056	24,230
Gooding	60,110	60,940	71,560	66,990	55,650	315,250
North Side	69,140	65,430	84,330	82,410	51,426	352,736
South Side	93,040	88,090	107,680	109,510	78,800	477,120
Milner	73,861	166,989	19,550	4,041	4,266	268,707
Total use	301,655	387,278	291,162	271,019	195,580	1,446,694
Tot.gain s.f.	15,265	10,798	7,672	9,019	21,280	64,034
Mean gain s.f.	492	360	247	291	709	419
Tot.gain ac.ft.	30,278	21,418	15,217	17,889	42,208	127,010

The gain averaged about 20 sec.-ft. more during the season than in 1944. The overall gain from Neeley to Milner during the period of storage draft was

July 9-31	14,200	acre-feet
August	13,050	"
September	44,617	"
Total	71,867	"

The gain during the period when the Minidoka project was using stored water, July 9 to September 19, amounting to 49,960 acre-feet, was allotted as stored water to the Minidoka project. The balance of the gain, 21,907 acre-feet, was not allotted as it occurred after September 19 and no need existed for apportioning it among the canals, all of whom had large holdovers.

DISTRIBUTION ON HENRYS FORK

Mr. Melvin Luke, who has acted as Deputy Watermaster at St. Anthony since 1931, continued in that capacity during 1945, in charge of distribution on Henrys Fork, Fall River, and lower Teton River. Ever since Island Park Reservoir was first filled in the spring of 1939 the canals on Henrys Fork have received ample water supplies in notable contrast to the condition that previously existed. No years of extreme shortage like 1931 and 1934 have occurred during this period but the stored water has been of great value nevertheless and has furnished an assurance of adequate water supply that would not otherwise have been available in planning farm operations.

All of the reservoirs filled to capacity in 1945 and it was not necessary to begin release of stored water from Island Park until July 20. The Government spilled 45,650 acre-feet from Island Park and Grassy Lake reservoirs during September which, less transmission losses, was carried downstream to American Falls reservoir.

The flow of Fall River was sufficient, thru exchange of natural flow for storage, to meet all demands on that stream so it was unnecessary to release any Grassy Lake storage for use by Fall River canals. In making the segregation of flow at the outlet of Island Park reservoir between stored water and normal flow, the natural flow was credited with 30 second-feet, due to reservoir loss, from July 11-30. This was recovered for the stored water owners by crediting storage with 30 second-feet daily from bank storage return September 1-20. Allowing for these adjustments the stored water at the reservoir outlet was computed each day from the daily drop in the reservoir level, the balance at the measuring station being called normal flow. Where marked fluctuations in the normal flow resulted from such calculations, mustly due to wind affecting the lake levels at the gage, the quantities were smoothed out over a few days period.

The Snake River regulation schedule shown on page 11 was followed on Henrys Fork and Teton River except during the following period on Henrys Fork and Fall River above Teton River:

July 22	Cut to 1900 priority
" 25	Cut all 1896 rights
" 26	Cut 10% June 14, 1895 rights
" 29	On Snake River schedule.

Only one trip was made into the Island Park region for the purpose of regulation. Users there rented 290 acre-feet of storage.

Stored Water Allotments, 1945

Henrys Lake Allotment

Lake Contents July 27 (when storage first released)	81,007	acre-feet
Est. dead storage and loss	3,000	"
Allotted	78,007	"

Allotted as follows:

Dewey	1,112	acre-feet
Last Chance	10,823	"
St. Anthony Union	5,304	"
Salem Union	18,879	"
Egin	5,304	"
Independent	20,906	"
Consolidated Farmers	15,679	"
Total	78,007	"

The calculated loss in Henrys Lake during the period July 27 to September 18 was 800 acre-feet, based on estimated inflow. The data on inflow, however, is quite meagre and the computed loss may be considerably in error. The lake was not drawn down enough to permit of excavating the dam washed in several years ago by the Dry Creek Feeder Canal.

Fremont-Madison District Storage Allotment

Island Park Reservoir (July 11)	133,590	acre-feet
Grassy Lake	15,244	"
Yield of Sheridan Creek decree	1,690	"
Total	150,524	"

The allotments by the District to the canals serving its lands are shown in detail on Plates 22-23. Original allotments, covering space subscribed for, amounted to 114,402 acre-feet but users who exhausted their allotments on this basis were granted a supplemental allotment up to 25% of the original one. This allows them to use a proportionate part of the District's water not yet allocated but on which they are

being assessed to make the payments due the Government. Such supplemental allotments in 1945 amounted to 1,221 acre-feet or a total allotment by the Fremont-Madison District of 115,623 acre-feet all to District lands.

The Government established the requirement in May 1945 that if the Fremont-Madison District rented any water to lands outside the District, any money received from such rentals in excess of maintenance and operation costs would have to be paid by the renter to the Government and would be credited by the Government against the total indebtedness of the Fremont-Madison District instead of against the payment due for the current year. This requirement was unsatisfactory to the directors of the Fremont-Madison District, who desired to use any money received from water rentals to help pay the current year's bill to the Government and they, therefore, refused to rent any water to lands outside the District. The Government approved the annexation of lands in Teton Basin to the District during the year, so such lands participated in the Island Park stored water in 1945, as shown on Plate 23.

Use of American Falls storage by Henrys Fork canals in 1945 was as follows, measured at point of canal diversion:

Enterprise Canal	14,297 acre-feet
Island Park users	290 "
Marysville Canal	185 "
Farmers Friend	102 "
Teton Basin	51 "
Canyon Creek	1,045 "
City of Rexburg	192 "
Total	16,162 acre-feet

Thus to balance accounts between Henrys Fork and the main river the total storage passing the Rexburg station during the season should have been -16,162 acre-feet where - quantities represent natural flow diverted

as storage by upstream canals. Actually the total storage passing the Rexburg station was 14,297 second-feet as shown on Plate 21, or 28,358 acre-feet. Adding this to 16,162 acre-feet gives a total of 44,520 acre-feet of Island Park and Grassy Lake storage spilled past Rexburg during the season. This water was spilled by the Bureau of Reclamation during September in anticipation of doing some work at Island Park dam.

The Cross Cut Canal was used to deliver water to part of the lands under the Fall River Irrigation Company canal from July 24 to September 7, but no water was carried thru it to Teton River in 1945 as the natural flow of that stream was sufficient to meet all demands.

The following tabulation of diversions and acreage irrigated by canals on Henrys Fork and tributaries is similar to that given for the main Snake River on page 16.

Diversions during 1945 Irrigation Season on
Henrys Fork, Fall River, and Lower Teton River.

Canal	Diversions (acre-ft.)	Area Irrigated (acres)	acre-ft. per acre.
Fall River Canals			
Yellowstone	1,270	1,000	1.3
Marysville	20,400	15,000	1.4
Farmers Own	7,250	4,500	1.6
Enterprise	32,500	5,853	5.6
Bell	1,590	320	5.0
Fall River	77,400 (a)	8,000	9.7
McBee	173	100	1.7
Chester	9,210	1,350	6.8
Silkey	2,400	520	4.6
Cur	7,740	1,500	5.2
Total Fall River	159,933	38,143	4.2
Henrys Fork Canals			
Dewey	4,000	1,000	4.0
Last Chance	13,200	1,840	7.2
St. Anthony Union	123,000	10,000	12.3
Farmers Friend	26,300	2,900	9.1

Canal	Diversions (acre-ft.)	Area Irrigated (acres)	acre-ft. per acre.
Henrys Fork Canals (cont'd)			
Twin Groves	34,100	2,500	13.6
Salem Union	41,600	5,200	8.0
Egin	71,400	6,000	11.9
St. Anthony Un. Feeder	17,200	2,000	8.6
Independent	62,200	7,000	8.9
Consolidated Farmers	51,200	6,000	8.5
Total Henrys Fork	444,200	44,440	10.0
Lower Teton Canals			
Siddoway	1,800	500	3.6
Wilford	24,800	1,800	13.8
Teton Irrigation	13,000	2,000	6.5
Good Luck	2,780	340	8.2
Pioneer	2,600	400	6.5
Stewart	3,160	366	8.6
Pincock-Byington	2,080	320	6.5
Pincock-Garner	2,850	400	7.1
Teton Isl. Feeder	72,000	10,400	6.9
North Salem	5,850	400	14.6
Roxana	3,640 (b)	720	5.1
Island Ward	9,040	3,000	3.0
Woodmansee-Johnson	2,370 (c)	1,000	2.4
City of Rexburg	7,510	1,200	6.3
Rexburg Irrigation	47,100	5,284	8.9
McCormick Rowe	1,070	150	7.1
Saurey-Sommers	2,740	600	4.6
Gardner	339	140	2.4
Eames-Thompson	297	20	14.8
Total Lower Teton River	205,026	29,040	7.1
Total Fall River, Henrys Fork, and Lower Teton River	809,159	111,623	7.2

(a) Includes 15,000 acre-feet diverted thru Cross Cut Canal
(b) Also uses some water from Henrys Fork thru Consolidated Farmers Canal
(c) Also uses additional water from Moody Creek and Teton Irr. Canal waste.

The Fall River canals diverted slightly less water than in 1944, due to plentiful spring rains that delayed irrigation under some of the canals until after mid-June. The Teton River canals also used less

water than in 1944 due to well sustained river flow that held up the "sub" and thereby less water was required thru the canals for this purpose.

The diversions by Henrys Fork Canals from the mouth of Fall River to the Consolidated Farmers heading was about 11,000 acre-feet greater than in 1944. These canals had a plentiful supply and diverted all the water they wanted.

Stored water diverted by the canals in the preceding tabulation amounted to 59,937 acre-feet or 7.4% of their total diversions, compared to 17% in 1944.

Diversions by several of the larger canals in the headwater areas were as follows:

Canal	Diversions May 15 to Sept. 30 (acre-ft.)	Area Irrigated (acres)	Acre-ft. per acre
String Canal	10,500	1,390	7.6
Trail Cr. Irrig. Co.	27,500	4,500	6.1
Fox Cr. Irrig. Co.	11,900	3,635	3.3
Grand Teton Canal	29,800	6,500	4.6
Canyon Creek Canal	4,270	2,400	1.8
Conant Creek Canal	3,660	2,576	1.4
Total	87,630	21,001	4.2

River Gains and Losses in Henrys Fork Basin, 1945

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, 1945

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

Station	May	June	July	Aug.	Sept.	Season
Lake	155	656	3,216	7,406	1,689	13,122
I. P. release	- 877	- 96	4,825	11,304	23,343	38,499
Total Supply	- 722	560	8,041	18,710	25,032	51,621
Island Park	26,462	29,272	21,962	32,522	41,052	151,270
Tot. gain s.f.	27,184	28,712	13,921	13,812	16,020	99,649
Mean gain s.f.	877	957	449	446	534	651
Tot. gain ac.ft.	53,919	56,949	27,612	27,396	31,776	197,652

The gain was about the same each month as in 1944 except during June when it was about 12,000 acre-feet greater. The increased gain in September may have been due, in part, to increased bank storage return flow on the rapid reservoir drawdown at Island Park.

Gain in Henrys Fork, Island Park to Warm River Stations, 1945

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

Station	May	June	July	Aug.	Sept.	Season
Island Park	26,328	29,249	21,782	32,557	41,291	151,207
Warm River	46,300	48,220	34,668	45,070	54,160	228,418
Tot. gain s.f.	19,972	18,971	12,886	12,513	12,869	77,211
Mean gain s.f.	644	632	416	404	429	505
Tot.gain ac.ft.	39,614	37,628	25,559	24,820	25,525	153,146

The gain was greater each month than in 1944, the total gain for the 5 months period being about 22,000 acre-feet greater than in the previous year.

Gain in Henrys Fork, Warm River to Ashton Stations, 1945

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

Station	May	June	July	Aug.	Sept.	Season
Warm River	46,300	48,190	34,650	45,050	54,250	228,440
Ashton	71,470	69,740	48,230	57,390	67,510	314,340
Tot.gain s.f.	25,170	21,550	13,580	12,340	13,260	85,900
Mean gain s.f.	812	718	438	398	442	561
Tot.gain ac.ft.	49,924	42,744	26,935	24,476	26,301	170,380

The gain in this section during the five months period was about

43,000 acre-feet greater than in 1944, being greater each month. A leak developed in the Ashton power dam the last of April, on which account the lake above that dam was held at a lower level than usual until towards the end of the irrigation season.

Gain in Fall River, Squirrel to Chester Stations, 1945

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

Station	May	June	July	Aug.	Sept.	Season
Squirrel	52,823	62,460	28,592	17,469	18,128	179,472
Diversions	5,897	14,744	18,156	13,564	10,704	63,065
Chester	60,884	57,140	14,585	6,461	10,385	149,455
Tot. acct.for	66,781	71,884	32,741	20,025	21,089	212,520
Tot.gain s.f.	13,958	9,424	4,149	2,556	2,961	33,048
Mean gain s.f.	450	314	134	82	99	216
Tot.gain ac.ft.	27,685	18,692	8,230	5,070	5,873	65,550

Runoff from the tributary area between these stations was more than double what it was in 1944, with a substantial net gain each month.

Gain in Henrys Fork, Ashton to St. Anthony stations, 1945

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

Station	May	June	July	Aug.	Sept.	Season
Ashton	71,520	69,710	48,280	57,370	67,610	314,490
Chester	60,660	57,190	14,928	6,414	10,357	149,549
Total Supply	132,180	126,900	63,208	63,784	77,967	464,039
Diversions	29,090	27,572	29,132	27,299	16,621	129,714
St. Anthony	103,510	102,970	37,788	38,306	62,590	345,164
Tot. acct. for	132,600	130,542	66,920	65,605	79,211	474,878
Tot. gain s.f.	420	3,642	3,712	1,821	1,244	10,839
Mean gain s.f.	14	121	120	59	41	71
Tot. gain ac.ft.	833	7,223	7,362	3,612	2,468	21,498

The gain was about 50% greater than during the previous year.

Gain in Teton River, Tetonia to St. Anthony Stations, 1945

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

Station	May	June	July	Aug.	Sept.	Season
Tetonia	11,975	35,922	34,374	19,176	14,947	116,394
St. Anthony	46,117	76,420	55,240	30,155	23,038	230,970
Tot. gain s.f.	34,142	40,498	20,866	10,979	8,091	114,576
Mean gain s.f.	1,101	1,350	673	354	270	749
Tot.gain ac.ft.	67,720	80,327	41,386	21,777	16,048	227,258

The gain during the five months was 68,000 acre-feet more than in 1944. No water was carried to Teton River thru the Cross Cut Canal in 1945.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg Stations 1945

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

Station	May	June	July	Aug.	Sept.	Season
St. Anthony	103,510	102,970	37,788	38,306	62,590	345,164
Teton River	46,117	76,420	55,240	30,155	23,038	230,970
Total Supply	149,627	179,390	93,028	68,461	85,628	576,134
H.Fork diver.	23,517	24,661	22,653	18,974	11,976	101,781
Teton R. diver.	12,790	22,898	29,236	21,335	14,342	100,601
Rexburg	119,730	143,270	61,953	48,176	75,685	448,814
Tot. acct. for	156,037	190,829	113,842	88,485	102,003	651,196
Tot.gain s.f.	6,410	11,439	20,814	20,024	16,375	75,062
Mean gain s.f.	207	381	671	646	546	491
Tot.gain ac.ft.	12,714	22,689	41,284	39,717	32,479	148,883

The gain was slightly greater each month than during 1944, the excess for the five months period amounting to about 10,000 acre-feet. Some water spilled past the lowest diversion on Teton River into Henrys Fork thruout the season. Stored water from Island Park reservoir being spilled past Rexburg during September held up the river levels and probably prevented the inflow of as much ground water as would otherwise have occurred during that month.

TETON BASIN

Mr. L. E. Peterson served as deputy in Teton Basin from June 18 to August 19, when he had to leave to take a teaching position. The water supply was quite good, however, so that no particular difficulty occurred in delivering water after he left. The local canal watermasters were appointed to act as deputies on the several principal streams after his departure, James Ingram on Trail Creek, Seth Hansen on Spring Creek, and George Pearson on Teton Creek.

The runoff on Teton river in 1945 was 21% above normal, being the greatest percent above normal of any stream in the District. The stream flow was sufficient to meet all demands without delivering any water thru the Cross Cut Canal into Teton River and water spilled past the lowest diversion on Teton River into Henrys Fork thruout the season. Thus the use of water in the Sugar City-Rexburg section during 1945 was unaffected by diversions in Teton Basin which were regulated entirely for the benefit of rights on Snake River and Henrys Fork.

The Government approved the annexation of certain lands in Teton Basin to the Fremont-Madison Irrigation District and that District allotted 6,632 acre-feet of stored water to such lands. Several users in Teton Basin also rented 55 acre-feet additional of American Falls storage from the Government.

The plan agreed on in 1944 between upper and lower users on Teton River whereby the former could divert 1.75 acre-feet for each acre-foot of stored water delivered on lower Teton was continued in effect during 1945, delivery being made at the mouth of Teton River. Under this agreement the Teton Basin users were entitled in 1945 to divert 11,416 acre-feet of stored water but they actually diverted only 6,712 acre-feet

due to the fact that many of their natural flow rights were good thruout all or nearly all of the season.

Storage use and allotments on Teton River are shown on Plate 23. Total diversions by the principal canals and stream flow in Teton Basin are shown on Plate No. 24.

Regulation on Teton Creek was made jointly by Ross T. Wilson for Wyoming and L. E. Peterson and Geo. Pearson for Idaho, under the terms of the Wyoming Federal decree. Measurements made by them were reported as follows:

Discharge of canals in second-feet

Date	Waddell	Central	Brown, et al	South Side	Grand Teton	Total
Aug. 8 before reg.	14.7	15.4	14.8	29.5	64.0	138.4
Aug. 11 " "	14.7	15.7	4.7	28.0	-	-
Aug. 14 " "	7.0	11.2	18.0	23.7	44.0	103.9
Aug. 17 " "	7.2	10.0	13.8	29.0	37.0	97.0
Aug. 24 " "	5.9	6.6	16.9	18.1	37.0	84.5
Aug. 24 after reg.	3.9	5.9	16.5	15.9	42.3	84.5
Aug. 28 before reg.	2.9	4.8	14.8	16.1	28.0	66.6
Aug. 28 after reg.	3.2	4.8	12.9	12.4	33.3	66.6

Two sets of measurements of loss in Trail Creek were made during the season by Roy W. Thompson, Supervisor of Water Distribution from the office of Mark R. Kulp, State Reclamation Engineer. Pertinent extracts from his reports are as follows:

Measurements on June 7, 1945, by Roy W. Thompson and Oleen Dummer

"On June 7th, Mr. Eph Ricks and Mr. Martin Nave, representing the Lower River water users, and Mr. Howard Tonks, representing the Upper River water users, were present while water measurements were being made.

Due to the flow of water in Trail Creek being in excess of lower channel capacity, it was not practicable to shut off all diversions; therefore, to confine water in lower reaches of Trail Creek to one channel, all of the upper diversions were not shut off during the time measurements were taken.

The results of the measurements are as follows:

Report showing transit loss in water of Trail Creek

Trail Creek above Moose Junction	100.76
Moose Creek above Trail Creek Junction	94.14
Game Creek	87.58
Total Supply above all diversions	282.48

Diversions:

String Canal	10.88
Kimball	
Ricks-Kersley	19.00
Brissler	.20
Edwards	
Spencer	25.25
Humble	9.12
Tonks	24.80
McBride	.50
Johnson	1.00
Job Peters	.40
Town Ditch	14.75
Overflow Est.	6.00
Total diversions	111.90
Trail Creek at live or rising water	91.27
Total water accounted for	203.17
Total transit loss	79.31
Percentage of loss	28.30

Notes: Weather - Cool and intermittent showers of rain."

As noted in the report, it was not deemed practicable at the time of the June 7th measurements to cut the canals off and send the water down thru the swamp section from rising water on Trail Creek to Tetonia gaging station, hence no determination was made of loss in the swamp section.

Measurements September 5-7, 1945, by Roy W. Thompson & H. C. Eagle

"In compliance with the agreement between the upper and lower water users on the Teton River, in Water District No. 36, requesting the State Department of Reclamation to make a series of test measurements to

determine the transit loss on the waters of Trail Creek and Teton River, a representative of the Department, Roy W. Thompson, arrived in Teton Basin on the evening of September 4th.

The following day all water being diverted from Trail Creek in the various ditches was shut off, and the entire flow of the stream was turned down the channel into Teton River.

Arrangements were made to make the measurements on September 6th. However, Mr. Nave and Mr. Ricks, representing the lower water users, protested the taking of said measurements until the waters of Trail Creek had run down the channel at least forty-eight hours after the diversions had been closed. Therefore, arrangements were then made with the upper water users to hold the water in the channel for an additional twenty-four hours.

On September 7th, the water measurements were made by Thompson, assisted by Mr. Eagle from Mr. Crandall's office. They were accompanied by Mr. Nave and Mr. Ricks representing the lower water users and Mr. Tonks representing the upper water users. The results are as follows:

Summary of Meter Measurements- September 7, 1945

First Section	Computations in cubic feet per second	
Trail Creek -	70.47	
Game Creek -	19.07	
Total Supply -		89.54

Note - Trail Creek measured below String Canal heading -

Diversions:	Kimball -	2.8	
	Town -	.6	
	Ricks -	.2	
	Spencer -	4.24	
	Humble -	.00	
	Tonks -	2.54	
	Porter -	0.40	
Total Diversions -			10.78
Trail Creek below Porter Canal -			63.57
Total accounted for in section -			74.35
Total loss in section -			15.19
Percentage of loss in section -			16.96%

Second section - Computations in cubic feet per second

Trail Creek below Porter Canal -		63.57
Diversions -		
Johnson ditch -	.20	
Side channel not returning to stream	1.00	
Total diversions -		1.20
Trail Creek above live water -		45.26
Total accounted for in section -		46.46
Total loss in section -		17.11
Percentage of loss in section -		26.91%

Total Transit Loss

Total supply above diversions - - -		89.54 c.f.s.
Total diversions - - - -	11.98	
Total reaching live water -	45.26	
		57.24
Total transit loss - - - - - - -		32.30
Percentage of loss - - - -		36.07%

Teton River

The recorder sheets taken from the automatic gage recorder located at Tetonia gaging station at the lower end of the valley were checked and computed to find the loss in transit of Trail Creek water from live water at lower end of Trail Creek to the above stated gaging station.

This loss, according to the records, was 23.6 per cent, no allowance being made for the effect of the precipitation during time of test run, but that if any such allowance was made the loss would be greater.

The Weather Bureau reports the following amounts of precipitation at Driggs, Idaho, during the time test runs were being made:

September 5 - None
" 6 - .03 inch
" 7 - .03 inch
" 8 - None."

Results of some miscellaneous measurements in Teton Basin in addition to the records shown on Plate 24 are given below:

Stream	Flow in second-feet June 22	July 13
Mahogany Creek above diversions	38.2	15.2
Packsaddle Creek above diversions	44.1	10.9
Horseshoe Creek above diversions	34.8	14.2
Pine Creek above diversions	10.2	-

Transit Loss on Darby Creek

June 20, 1945
Measurements by Dummer and Pearson.

Darby Creek above Cherry Grove Canal		221 sec.-ft.
Cherry Grove Canal	81.0	sec.-ft.
Cross Cut #1	18.4	"
Cross Cut #2	5.5	"
No. Channel Darby Cr. ½ mi. w. highway	6.0	"
Darby Cr. ½ mi. w. of highway	28.5	"
Total accounted for	139.4	"
Loss	81.6	sec.-ft. or 37%

DISTRIBUTION IN SWAN VALLEY SECTION

Mr. Lloyd Brown was again appointed as deputy watermaster for 1945 and also served as canal watermaster on canals where it was necessary to divide the water between the users. By agreement with such users $1.50 per day of his salary was charged to the local waterusers for such service and the balance of his pay was apportioned as a general expense to District No. 36.

Users in this section rented 780 acre-feet of stored water from the Government. Owing to natural flow rights being held on to late priorities it was not necessary to rent as much storage as is required in many years. The water-users in the Irwin-Swan Valley area have applied to the Government to have provision made for an outlet thru the proposed Palisade Dam

so that they can divert water from the dam at an elevation about 100 feet above the present river level. A canal starting at this elevation and held up on a supported grade will cover most of the land in Swan Valley and furnish an adequate water supply to augment the low water flow of Rainey and Palisade creeks. When and if this is done, there will be considerably more stored water used in Swan Valley than at present, when such use is limited to exchange for the natural flow in those creeks.

PRECIPITATION IN INCHES
(Actual and normal for year ending Sept. 30, 1945)

Month	Grassy L.Wyo.		Moran, Wyo.		Jackson, Wyo.		Afton, Wyo.		Irwin, Ida.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	1.42	2.35	0.50	1.68	0.97	1.23	0.70	1.80	0.62	1.27
Nov.	5.06	5.03	2.89	1.65	2.49	.92	2.34	1.04	2.86	1.12
Dec.	5.70	6.88	2.10	1.85	1.23	1.52	1.33	1.24	1.57	1.21
Jan.	4.41	4.79	1.36	2.42	.66	1.65	1.24	1.50	.51	1.47
Feb.	7.51	5.62	2.95	2.27	1.54	1.65	2.29	1.42	1.85	1.13
Mar.	3.97	4.24	1.66	2.18	1.42	1.39	2.12	1.64	1.84	1.12
Apr.	2.63	2.81	1.34	1.82	.85	1.39	1.49	1.44	1.21	1.05
May	4.92	4.38	3.48	1.71	2.64	1.75	3.57	1.92	2.93	1.60
June	6.53	5.10	3.73	1.75	3.26	1.13	4.79	1.37	4.92	1.32
July	.88	.95	.65	1.24	.93	.97	.72	1.18	.76	.98
Aug.	4.62	1.82	2.98	1.27	3.80	1.32	1.54	1.18	2.99	.84
Sept.	2.85	2.11	1.63	1.73	1.08	1.57	3.12	1.45	2.51	1.16
Year	50.50	46.08	25.27	21.57	20.87	16.49	25.25	17.18	24.57	14.27

Month	Ashton		Idaho Falls		Pocatello		Twin Falls		Av. 9 Stas.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	0.57	1.32	0.11	1.02	0.27	1.68	0.32	0.94	0.61	1.48
Nov.	2.71	1.27	1.11	.79	1.81	1.03	1.05	1.08	2.48	1.55
Dec.	1.08	1.63	.52	1.08	1.03	1.15	.95	.88	1.72	1.94
Jan.	1.75	1.90	.45	1.35	.20	1.34	.17	1.14	1.19	1.95
Feb.	3.00	1.49	.57	.99	.95	1.20	1.05	.89	2.41	1.85
Mar.	1.46	1.22	.75	1.11	1.40	1.28	1.10	.86	1.74	1.67
Apr.	0.95	1.18	.11	.96	.61	1.47	.45	1.06	1.07	1.46
May	1.34	1.74	.74	1.24	2.14	1.73	1.63	1.02	2.60	1.90
June	5.14	1.48	2.37	1.13	1.09	1.09	1.00	.73	3.65	1.68
July	.18	.95	.10	.63	.12	.77	.07	.36	.49	.89
Aug.	2.20	.77	1.10	.59	1.51	.50	.18	.23	2.32	.95
Sept.	1.97	1.10	1.08	.82	1.21	.74	.84	.56	1.81	1.25
Year	22.35	16.05	9.01	11.71	12.34	13.98	8.81	9.75	22.09	18.57

The precipitation for the year at the stations on the headwater areas was from 10% to 70% above normal. The annual precipitation in the Snake River Valley, however, was from 10% to 20% below normal.

The precipitation during the irrigation season May to September was 63% above normal as an average at the nine stations. At many points the August precipitation was from twice to three times normal for that month. This resulted in well sustained stream flows and priority rights not being cut to as early dates as usual.

EXPENDITURES DURING YEAR ENDING DECEMBER 31, 1945

Engineers and Hydrographers

Lynn Crandall	Salary 1 year	$5,987.52
Henry C. Eagle	" 1 year	3,944.78
Melvin Luke	" 5 months @ $230.00	1,150.00
Oleen Dummer	" 3.18 " @ $190.00	603.52
A. H. Bush	" 2.71 " @ $190.00	515.04
L. Eugene Peterson	" 2.05 " @ $190.00	388.78

Clerk

Charlotte M. Elg	Salary 1 year	2,205.48

River Riders

Joe Bohi	75 days @ $7.50 incl. mileage	562.50
D. R. Crystal	72 " @ $7.00 " "	504.00
D. W. Dick	33 " @ $8.00 " "	264.00
J. A. Clough	72 " @ $6.50 " "	468.00
H. M. Bramwell	72 " @ $7.00 " "	504.00
Lloyd Brown	86 " @ $7.50 " "	645.00
N. D. White	66 " @ $7.00 " "	462.00
Walter C. Lenz	2.41 mo. @ $60 mo." "	144.77
Seth Hansen	3 days @ $7.00 " "	21.00
James Ingram	28 " @ $2.00 " "	56.00

Miscellaneous

Transportation, 2,465 mi. @ 5¢ a mile	123.25
Transportation, 31,710 mi. @ 6¢ a mile	1,902.60
Telephone and Telegraph	266.44
Supplies and Equipment	808.13
Gage Readers	683.99
Bond Premium and Insurance	150.52
Miscellaneous	381.40
Total	$22,742.72

Expenditures from various funds

Water-users funds	$12,732.11
State of Idaho Stream Gaging fund	2,344.67
U. S. Geological Survey	7,481.09
Repay - Navy (Ground Water)	184.85
Total	$22,742.72

In addition to the foregoing, upper valley members of the Committee of Nine were paid $187.00 for services @ 5.00 per day and expenses, which was pro-rated among upper valley canals.

Funds on hand January 1, 1946

District No. 36 Water Distribution Fund	$ 9,519.02
State of Idaho Stream Gaging Fund	1,255.33
U. S. Geological Survey	2,557.27
Total	$13,331.62

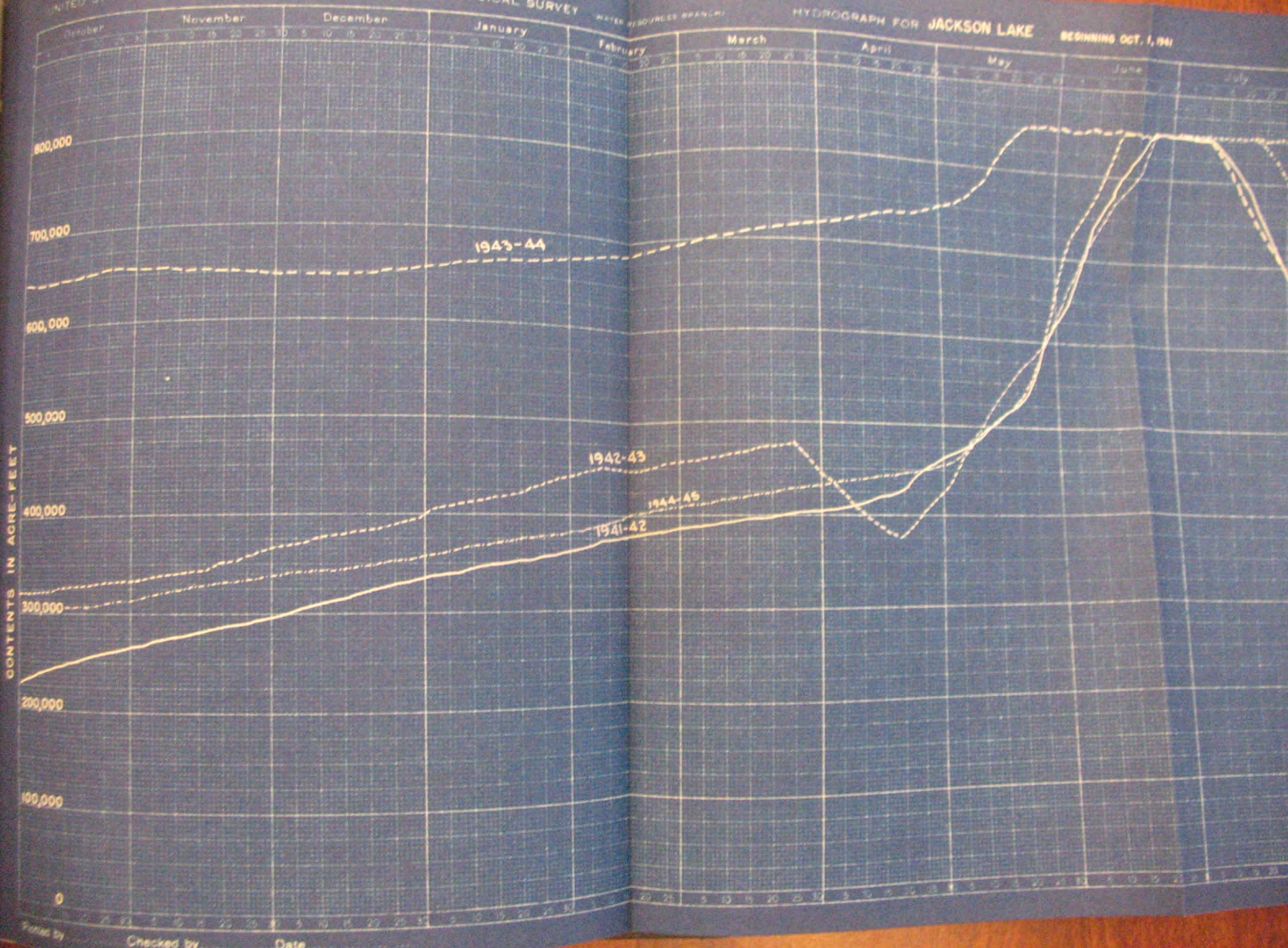
Plate No. 1

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

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES BRANCH

HYDROGRAPH FOR JACKSON LAKE BEGINNING OCT. 1, 1941

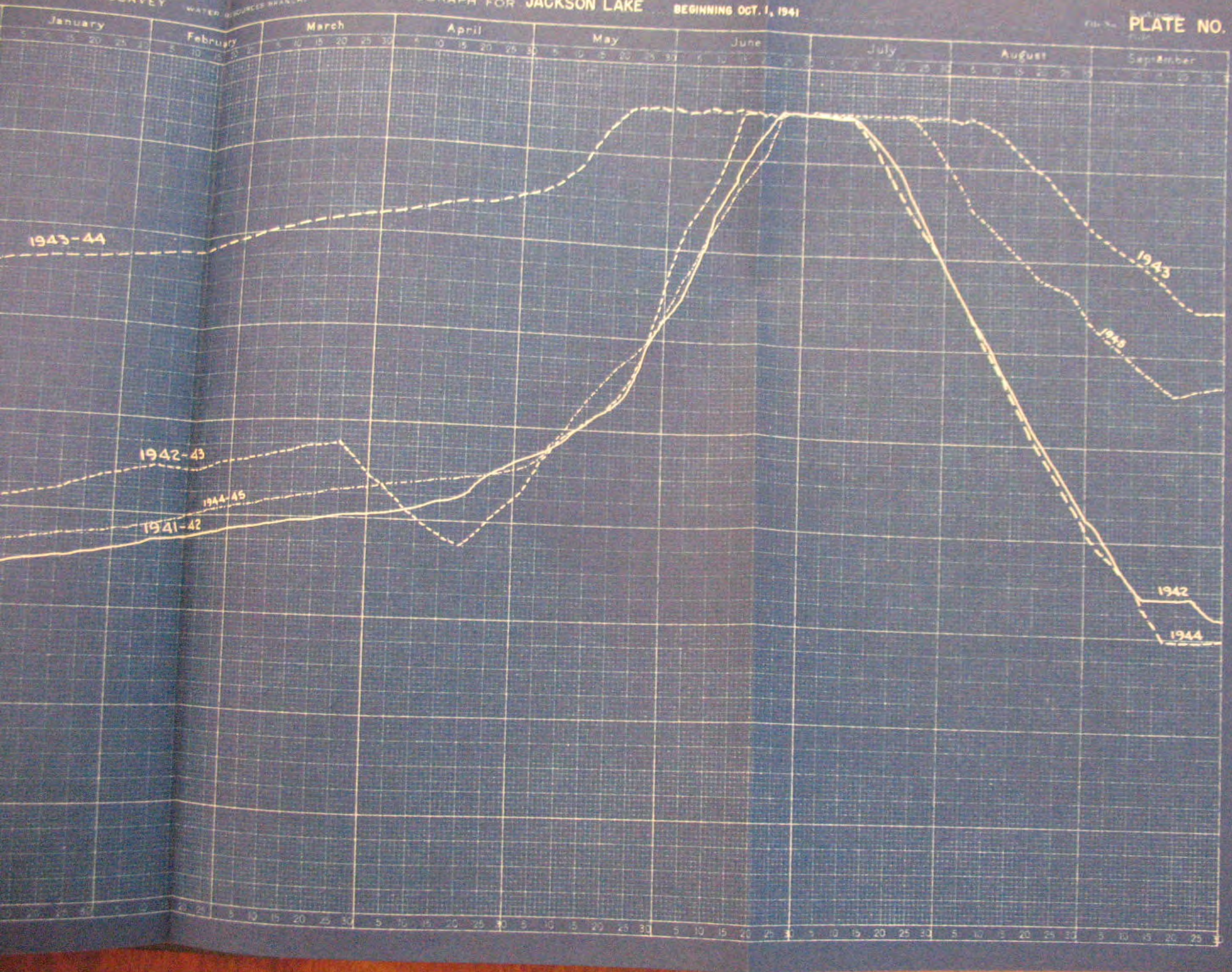


Plotted by Checked by Date

GEOLOGICAL SURVEY WATER RESOURCES BRANCH

HYDROGRAPH FOR JACKSON LAKE BEGINNING OCT. 1, 1941

PLATE NO. 2



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES BRANCH

HYDROGRAPH FOR **AMERICAN FALLS RESERVOIR** BEGINNING OCT. 1, 1941

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

CONTENTS IN ACRE-FEET

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

1943-44
1944-45
1941-42
1942-43

Posted by Checked by Date

RIOR GEOLOGICAL SURVEY WATER RESOURCES BRANCH

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR BEGINNING OCT. 1, 1941

PLATE NO. 3

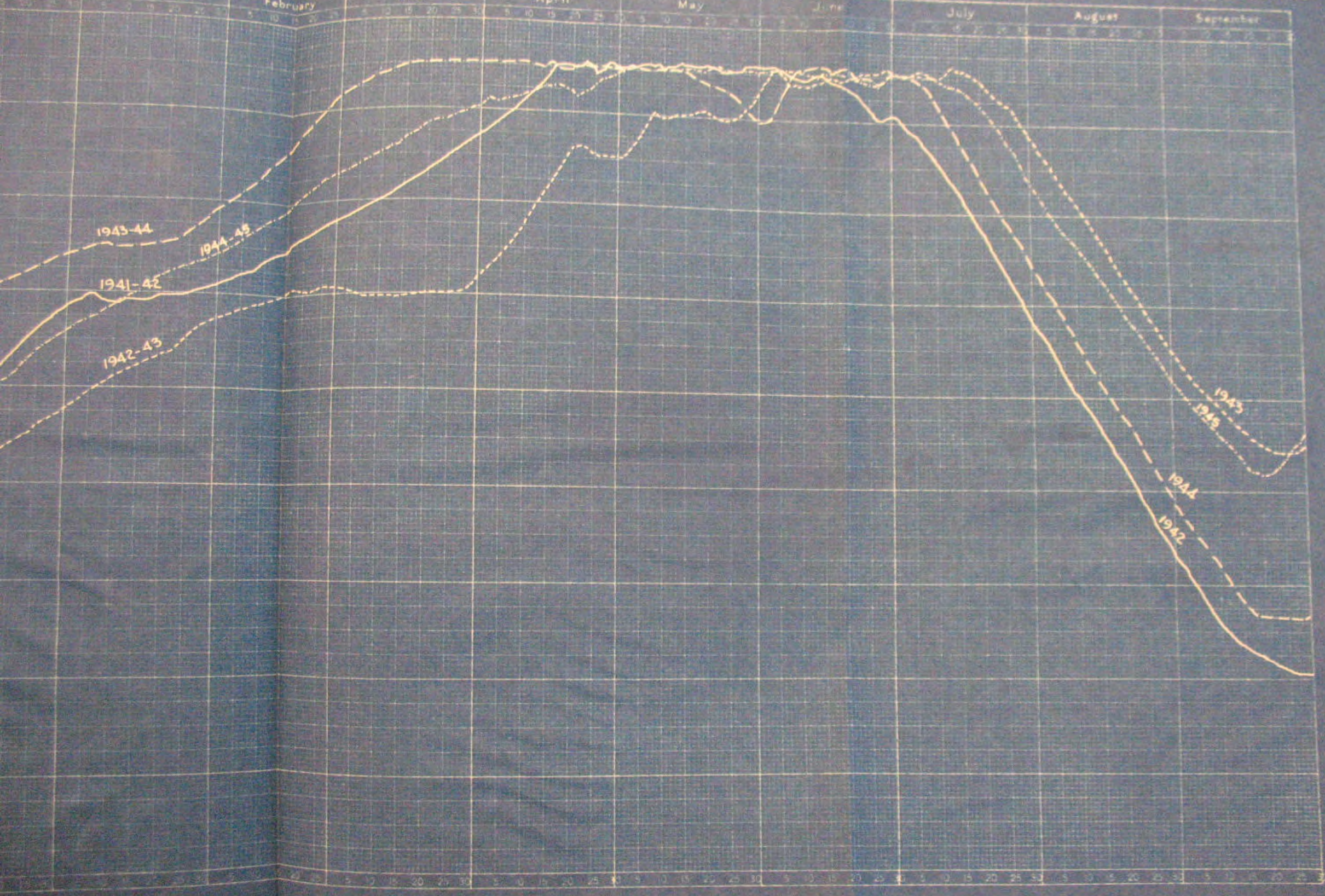
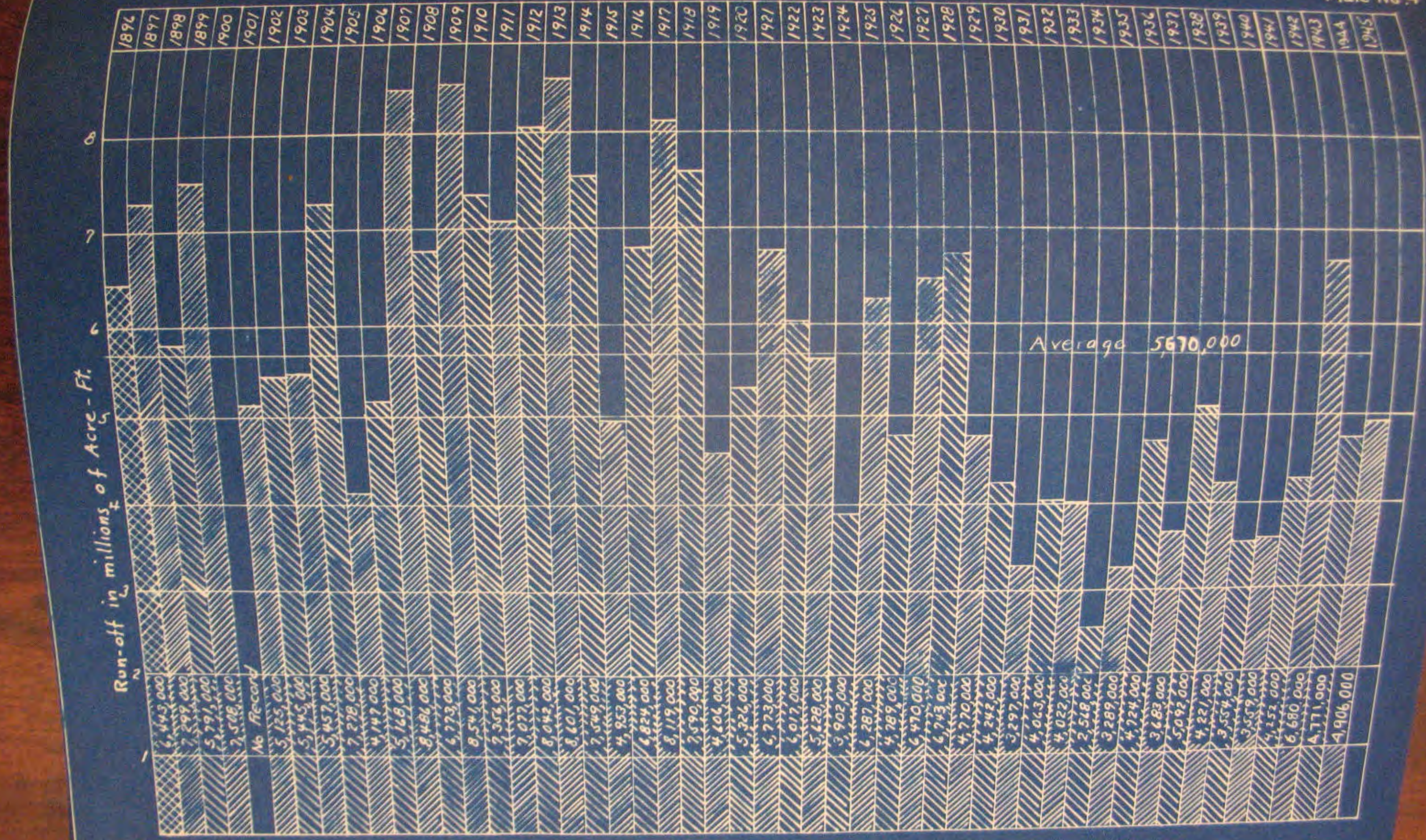


DIAGRAM SHOWING ANNUAL RUNOFF OF SNAKE RIVER AT NEELEY, IDAHO
(Montgomery Ferry prior to 1907)

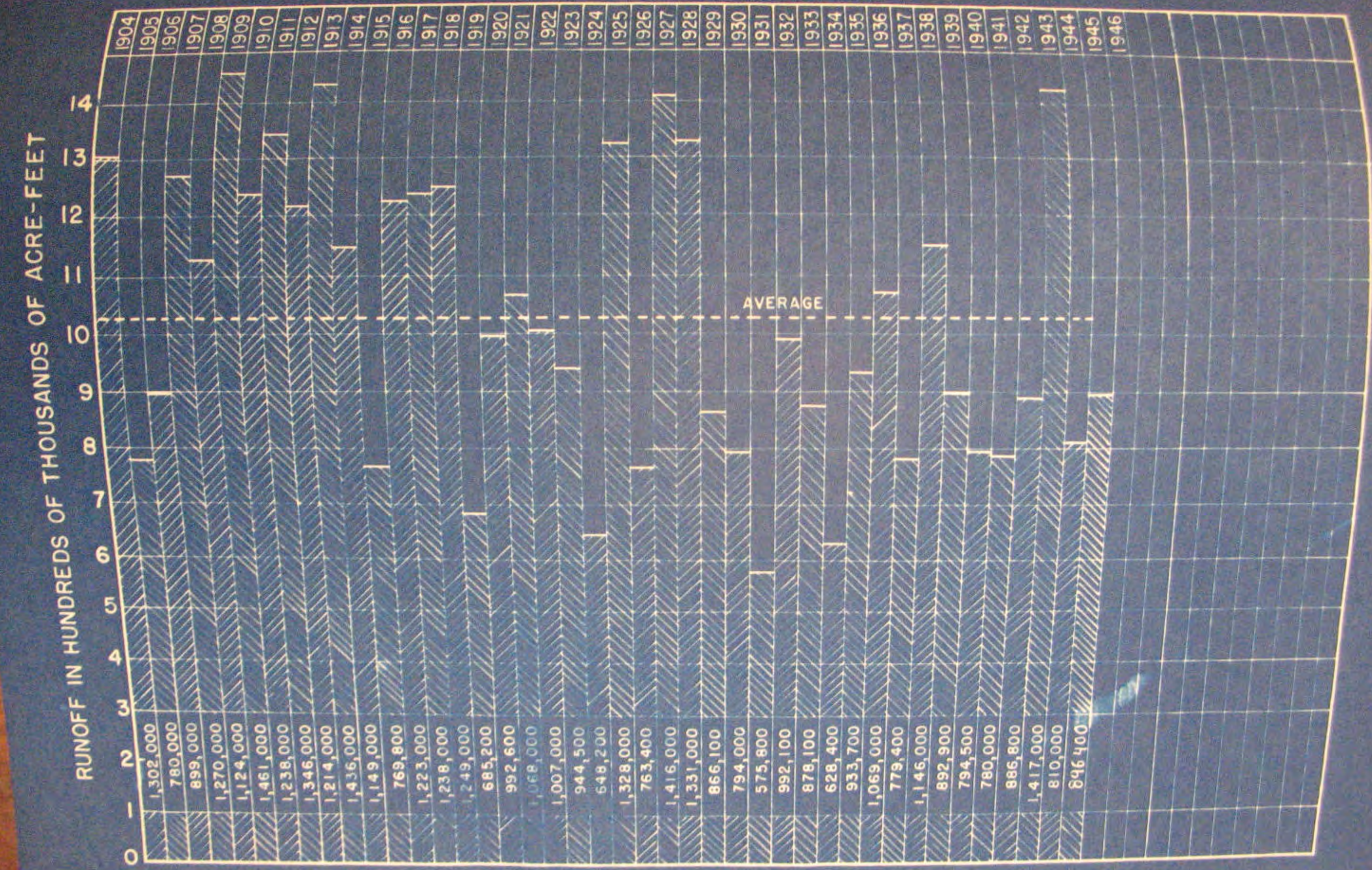
Plate No. 4



Totals are for year ending Sept. 30 and are corrected for American Falls holdovers.

ANNUAL RUNOFF 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 HOLDOVERS.

PLATE NO. 6

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS MAY 1945

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
RILEY	0	0	0	0	0	0	11	19	34	33	27	26	27	27	25	21	21	21	11	11	0	0	0	0	0	0	0	0	0	0	0	314
ANDERSON	0	0	0	0	0	5	8	5	65	70	98	98	98	98	98	98	98	98	98	98	15	81	10	10	10	116	118	128	98	110	166	1995
EAGLE ROCK	0	0	0	0	0	0	56	54	55	55	56	56	54	98	280	280	280	280	206	206	112	110	96	96	94	96	96	173	214	298	303	3704
FARMERS FRIEND	10	10	10	10	10	10	10	10	10	10	10	10	10	178	220	221	221	222	222	223	223	223	222	222	222	221	221	220	240	250	266	4167
ENTERPRISE	0	0	0	0	40	40	40	40	40	40	40	40	50	80	100	120	140	148	148	148	148	34	40	50	54	43	62	81	103	100	97	90	2116
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	0	0
MATTSON & CRAIG	0	0	0	0	0	0	7	7	7	7	7	7	7	7	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	64
ARNSBERGER	0	0	0	0	0	7	7	7	7	7	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	48
BUTLER ISLAND	38	38	38	38	38	38	26	26	26	26	26	26	38	38	40	40	40	40	40	40	40	38	38	39	39	46	46	47	50	54	55	1192
ROSS & RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	6
STEELE	0	0	0	0	0	0	1	1	1	1	1	1	1	13	13	13	13	13	13	13	13	12	12	12	12	13	13	14	14	14	14	241
HARRISON	0	0	0	0	0	0	0	0	0	0	0	0	0	198	242	245	250	265	280	296	239	238	230	200	181	190	198	287	287	342	300	4468
CHENEY	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	6	6	6	7	8	9	9	9	8	138
BOOMER	0	0	0	0	0	0	0	0	0	0	0	0	0	62	83	102	108	114	121	130	130	95	82	82	87	90	80	67	89	97	93	1712
RUDY	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	20	20	20	20	15	15	15	15	20	25	25	25	37	347
KITE & NORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	6	6	7	49
BURGESS	150	216	222	210	203	203	331	437	406	406	477	477	477	596	596	650	650	650	650	641	596	598	528	528	532	532	573	603	663	663	620	15084
CLARK & EDWARDS	0	0	0	0	0	38	38	38	38	38	38	38	38	50	53	53	53	53	53	53	53	53	53	52	52	52	52	51	51	60	61	1247
LOWDER	0	0	0	0	0	2	2	2	2	2	2	10	12	12	12	12	12	12	12	16	20	25	29	29	29	29	28	28	35	40	42	456
JENNINGS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	12
EAST LABELLE	36	38	40	41	0	0	0	0	0	46	50	50	50	55	55	60	60	60	60	60	61	61	62	62	62	80	88	95	100	105	110	1647
SUNNYDELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	45	95	117	104	104	106	105	105	107	113	1048
LENROOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	77	86	105	72	86	95	104	108	101	100	127	118	122	1369
REID	0	0	0	0	0	0	32	36	76	90	96	104	106	106	106	132	137	139	126	96	88	77	86	90	92	99	106	126	139	152	139	2576
TEXAS FEEDER	50	50	50	50	50	100	120	120	120	120	120	150	170	196	146	196	196	196	196	196	196	196	196	195	195	194	193	192	195	200	200	4794
NELSON COREY	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	54
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	0
RIGBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	93	93	132	132	132	158	128	174	182	182	196	196	198	198	222	2485
ISLAND	0	0	0	0	0	0	101	101	113	101	137	125	123	113	124	113	113	119	113	113	113	119	123	123	113	119	98	81	97	90	113	2798
DILTS	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	13	13	14	14	14	14	13	13	16	19	20	20	20	19	19	19	287
WEST LABELLE & LONG ISLAND	15	15	15	15	15	15	15	15	15	15	122	122	122	193	193	193	193	193	217	214	214	237	237	306	306	292	292	299	353	353	353	5154
PARKS & LEWISVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266	263	247	280	273	263	283	250	252	283	228	233	260	281	260	268	314	4504
NORTH RIGBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	55	60	65	68	68	68	68	552
WHITE	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	0	0	0	0	5	5	5	5	1	1	1	1	1	1	1	67
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAMWELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	6	6	6	6	6	6	44
BUTTE & MARKET LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OSGOOD	0	0	0	0	0	0	0	0	0	0	0	3	53	103	115	115	182	196	198	198	193	193	197	191	169	185	205	217	217	229	229	3388
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	51	59	60	82	82	82	82	82	82	82	97	97	97	107	107	107	1381
SMITH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	48
KENNEDY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	12
IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	26	26	26	26	26	26	26	26	26	28	30	32	32	34	34	472
GREAT WESTERN	0	0	0	0	0	0	0	0	90	90	279	279	323	421	530	558	586	613	502	475	475	475	475	475	475	530	530	541	541	541	580	10384
PORTER	39	49	49	66	66	90	163	166	166	166	196	212	212	222	226	256	257	260	270	268	263	268	300	306	306	303	308	308	311	294	300	6666
COY & KELLER	48	50	60	68	70	153	155	155	148	148	148	170	170	170	201	197	197	226	225	213	182	166	197	191	195	168	168	168	199	199	235	5040
WOODVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	2	2	2	2	16
SNAKE RIVER VALLEY	0	0	10	20	24	24	34	34	48	48	49	49	51	55	60	54	58	58	60	61	61	60	45	45	44	43	44	44	44	42	45	1314
TOTAL HEISE TO SHELLEY	386	466	544	638	669	887	1333	1459	1663	1720	2184	2303	2567	3501	4321	4625	4777	4998	4825	4725	4362	4360	4382	4558	4464	4707	4835	5120	5430	5691	5893	102343
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	113	208	398	528	514	419	105	0	0	36	140	93	91	90	112	111	112	172	239	287	3768
BLACKFOOT	102	102	102	102	96	110	110	185	190	205	213	220	230	247	260	281	281	280	110	110	110	120	150	172	169	166	168	171	166	164	208	5300
NEW LAVA SIDE	48	50	50	70	81	94	102	136	141	141	155	156	140	130	120	109	90	80	80	66	66	65	67	65	68	79	77	77	99	94	105	2901
PEOPLES	128	302	338	338	30	376	415	456	477	456	456	435	415	405	395	478	357	347	347	329	331	313	314	278	273	278	311	311	309	342	393	10738
ABERDEEN-SPRINGFIELD	497	601	710	802	845	848	934	1000	1060	1110	1140	1170	1190	1220	1220	1210	1200	1200	1190	1130	1020	927	902	802	786	783	752	792	836	873	898	29648
CORBETT	0	0	36	36	33	74	94	128	130	130	132	130	134	148	150	132	126	138	138	140	100	96	98	98	99	104	99	103	103	105	130	3204
NIELSEN-HANSEN	0	0	0	0	5	5	5	5	5	5	5	10	12	14	14	14	14	14	10	10	10	10	10	10	10	10	10	10	10	10	10	257
RIVERSIDE	0	0	0	0	0	0	0	0	50	60	100	110	110	110	113	113	113	114	115	115	116	116	117	117	118	118	118	119	119	119	120	2520
DANSKIN	0	0	0	0	0	0	0	0	171	234	230	237	207	205	200	200	198	194	204	168	136	95	112	110	111	111	119	153	167	166	164	3892
TREGO	0	0	0	0	0	0	0	58	58	58	62	62	62	62	64	67	58	53	53	45	45	45	45	45	45	40	44	48	27	44	33	1223
WEARYRICK	0	0	0	0	0	0	0	25	30	40	40	40	50	60	60	64	64	64	64	50	45	40	35	35	35	35	36	36	36	36	36	1036
WATSON	2	2	2	69	64	64	89	88	89	89	96	96	96	96	97	97	94	96	94	97	96	94	95	95	95	92	95	95	94	97	93	2558
PARSONS	0	0	0	0	0	19	20	20	20	21	22	22	23	23	24	25	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	624
TOTAL SHELLEY TO CLOUGH	777	1057	1238	1417	1191	1590	1769	2101	2421	2549	2651	2801	2877	3118	3245	3304	3040	2711	2431	2286	2137	2087	2064	1944	1925	1954	1966	2053	2164	2320	2503	67694

PLATE NO. 7

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS JUNE 1945

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	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	15	15	14	26	25	26	27	28	24	30	33	31			335
ANDERSON	169	173	204	44	42	44	41	40	40	37	20	20	22	21	20	20	15	15	15	17	214	269	269	269	273	274	281	258	247	236	3609
EAGLE ROCK	299	296	294	291	300	128	122	122	122	122	104	86	101	88	86	83	80	78	80	78	198	340	472	555	562	549	533	505	489	481	7639
FARMERS FRIEND	241	240	55	45	40	30	25	25	25	25	25	25	25	30	100	200	200	200	200	209	299	484	440	403	400	390	350	335	320	320	5706
ENTERPRISE	80	80	61	102	80	60	50	50	10	10	10	10	10	10	30	40	43	45	46	219	214	154	222	222	216	216	216	216	216	216	5154
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	16
MATTSON & CRAIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	12	12	14	14	16	138
ARNSBERGER	0	3	3	3	3	3	0	0	0	0	0	0	4	4	4	4	4	4	4	0	0	0	0	0	0	0	4	4	4	4	59
BUTLER ISLAND	55	55	55	55	55	54	39	38	37	36	35	35	35	35	35	35	36	38	38	46	46	46	48	51	51	51	51	50	50	49	1340
ROSS & RAND	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	4	4	4	4	4	4	37
STEELE	14	14	14	14	2	2	2	2	2	2	2	2	2	2	2	2	8	8	8	8	8	8	8	8	8	8	8	10	10	12	202
HARRISON	300	262	250	200	100	90	80	80	80	80	77	77	77	90	120	128	160	183	319	371	470	533	586	586	589	558	470	310	364	354	7944
CHENEY	8	7	7	7	7	2	2	2	2	2	2	2	2	2	2	6	8	9	9	9	9	9	9	9	9	9	9	9	9	9	187
BOOMER	87	83	71	68	53	36	35	25	25	25	25	34	31	31	29	34	31	45	88	110	151	186	203	200	203	198	189	165	151	151	2763
RUDY	20	29	29	29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	29	28	41	52	83	87	101	99	88	70	48	52	941
KITE & NORD	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	6	8	8	8	8	8	8	8	111
BURGESS	597	582	453	445	445	320	320	320	271	271	271	395	368	368	364	360	360	357	569	759	817	914	914	870	883	830	804	782	782	654	16425
CLARK & EDWARDS	61	61	61	61	50	35	35	35	35	35	35	35	35	40	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	1574
LOWDER	42	42	44	44	44	0	0	0	0	0	0	0	0	0	0	30	30	30	0	0	0	2	2	2	2	2	30	33	33	33	445
JENNINGS	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	6	6	6	0	0	0	0	0	0	6	7	7	7	7	7	83
EAST LABELLE	116	114	114	110	80	60	60	60	55	55	55	55	55	56	56	57	57	57	54	50	50	50	109	112	114	115	120	125	125	128	2424
SUNNYDELL	116	121	82	82	81	86	90	75	75	74	70	68	73	75	31	29	74	73	98	95	95	109	113	120	123	159	162	129	145	71	2794
LENROOT	129	117	113	110	107	118	109	99	99	98	96	98	93	97	95	93	97	95	99	105	111	154	156	118	147	166	137	136	127	112	3431
REID	143	147	142	131	110	116	100	84	84	85	84	83	82	88	86	81	76	72	92	112	142	173	176	176	151	147	141	139	131	110	3484
TEXAS FEEDER	200	200	200	200	200	190	180	180	170	170	170	200	203	203	200	200	200	200	200	200	200	200	143	190	190	180	180	180	180	180	5739
NELSON COREY	4	5	5	5	5	3	3	3	2	2	2	2	4	4	4	4	4	4	4	1	1	1	1	1	4	6	8	10	10	10	122
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	222	180	181	73	73	73	70	72	71	70	70	69	69	90	64	68	87	110	111	145	149	150	171	172	184	190	200	200	200	188	3772
ISLAND	95	97	121	118	110	79	110	112	109	106	95	119	119	79	118	124	124	123	128	136	129	125	135	149	162	162	156	156	170	174	3240
DILTS	18	18	18	18	18	18	4	4	4	4	4	4	4	4	4	10	15	26	26	27	27	28	27	28	28	29	29	30	30	30	534
WEST LABELLE & LONG ISLAND	353	376	376	376	418	342	350	326	273	273	273	270	270	268	270	270	270	299	299	299	299	350	402	402	435	467	467	467	467	467	10474
PARKS & LEWISVILLE	245	260	250	237	268	186	188	188	188	188	178	174	198	198	199	188	176	164	191	263	263	287	300	231	348	331	341	338	338	253	7157
NORTH RIGBY	65	65	65	65	60	12	12	12	12	10	7	7	7	7	7	7	7	7	40	50	60	60	63	63	63	63	63	60	60	60	1139
WHITE	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	6	6	6	6	6	66
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	5	4	0	0	0	4	4	4	30
BRAMWELL	6	6	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	6	6	6	73
BUTTE & MARKET LAKE	229	224	322	300	278	273	180	174	180	188	89	103	178	100	98	98	92	98	147	274	299	228	321	274	305	357	293	293	281	211	6492
OSGOOD	107	107	107	107	70	69	69	69	63	0	0	0	0	0	0	0	0	0	0	100	100	111	111	111	111	111	111	111	111	111	1967
BEAR ISLAND	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	45
SMITH	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	11
KENNEDY	34	34	38	38	34	34	34	20	5	5	5	5	5	5	5	5	5	5	20	32	38	41	45	49	49	49	46	46	44	47	822
IDAHO	580	603	497	497	497	497	421	351	266	179	179	179	102	102	99	137	137	339	467	726	880	973	1110	1120	1120	1130	1040	864	708	708	16508
GREAT WESTERN	337	351	354	356	316	322	295	263	254	200	194	196	186	180	210	224	228	279	318	369	434	449	470	471	456	451	448	425	385	356	9777
PORTER	237	241	221	193	193	170	144	126	121	106	86	85	85	85	59	51	51	74	128	193	248	283	306	351	332	344	324	317	290	239	5683
COY & KELLER	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	25
WOODVILLE	52	52	51	51	51	51	45	37	42	31	31	31	31	31	31	30	30	30	31	38	43	52	58	77	67	84	79	74	67	67	1445
SNAKE RIVER VALLEY	510	514	516	506	366	314	227	173	171	137	105	104	99	98	111	120	118	230	338	495	627	718	737	744	691	617	484	484	405	362	11126
TOTAL HEISE TO SHELLEY	5791	5784	5400	5007	4578	3830	3449	3174	2901	2632	2405	2579	2581	2497	2605	2812	2897	3386	4186	5656	6770	7647	8380	8345	8504	8473	8001	7486	7145	6585	151588
RESERVATION	209	130	117	49	17	17	17	17	0	0	0	0	0	0	0	69	126	222	332	497	641	688	730	751	745	706	634	662	508	90	7974
BLACKFOOT	210	230	250	263	250	148	150	170	178	127	130	130	130	130	140	140	140	145	150	273	371	385	400	405	416	415	391	328	285	286	7166
NEW LAVA SIDE	116	104	96	96	88	86	74	68	63	60	60	60	60	60	60	60	66	98	137	178	187	195	184	163	164	155	114	112	97	96	3157
PEOPLES	341	328	364	346	346	327	327	309	303	273	255	255	255	255	289	315	340	429	483	540	561	563	563	570	561	570	555	0	540	519	11792
ABERDEEN-SPRINGFIELD	851	845	848	851	851	848	792	783	734	642	541	541	541	584	680	808	902	1000	1140	1220	1250	1270	1270	1270	1270	1250	1250	1240	1220	1180	28472
CORBETT	134	134	136	136	138	138	136	113	114	81	82	80	80	72	72	65	65	65	123	146	169	192	214	178	179	211	220	210	207	160	4057
NIELSEN - HANSEN	10	10	10	10	10	10	10	10	10	2	2	2	2	2	2	1	1	1	1	1	1	5	10	12	12	12	12	12	12	12	207
RIVERSIDE	120	120	120	100	100	90	90	80	71	70	70	70	70	70	70	40	100	110	116	116	116	116	120	120	120	120	120	120	120	120	3035
DANSKIN	167	171	172	135	159	188	197	202	139	81	82	99	93	90	88	87	84	81	239	237	238	240	243	249	256	239	211	223	192	190	5072
TREGO	44	52	51	55	55	42	42	40	42	42	36	41	45	45	50	50	50	61	68	68	72	76	76	80	71	66	53	52	48	61	1634
WEARYRICK	40	40	40	40	40	30	30	30	40	40	40	45	60	60	60	61	61	61	60	60	60	55	55	55	50	48	48	48	48	48	1458
WATSON	97	98	98	99	101	102	103	104	105	102	92	94	94	92	90	89	89	89	100	94	99	103	106	111	90	90	105	112	108	108	2964
PARSONS	28	29	30	31	32	32	32	30	26	26	26	26	26	26	26	26	27	28	29	26	28	30	31	31	31	32	33	34	23	23	856
TOTAL SHELLEY TO CLOUGH	2417	2341	2352	2211	2187	2058	2002	1956	1875	1546	1416	1443	1456	1486	1627	1860	2051	2390	2984	3456	3793	3923	4002	3995	3965	3914	3746	3153	3408	2893	77836

PLATE NO. 8

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS JULY 1945

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	23	21	19	17	15	14	15	21	23	26	29	17	16	16	18	23	22	14	22	21	28	28	28	28	29	29	27	28	28	28	27	700
ANDERSON	210	187	174	188	216	247	246	243	281	318	331	336	281	268	180	179	299	308	308	307	307	305	305	317	343	345	340	357	357	359	352	8794
EAGLE ROCK	432	411	397	405	403	409	401	399	399	399	680	680	680	642	610	610	632	654	654	654	654	654	657	680	714	725	764	759	771	771	771	18461
FARMERS FRIEND	310	300	291	310	330	373	415	415	415	415	357	328	321	315	307	367	311	315	355	394	394	393	422	418	413	387	383	416	416	420	402	11408
ENTERPRISE	216	200	165	165	165	165	165	180	180	180	147	153	151	145	139	137	134	135	131	156	152	170	164	171	165	163	164	165	162	121	121	4927
NELSON	2	2	2	2	2	2	3	4	4	4	4	5	5	4	3	3	2	2	1	1	1	0	0	2	2	2	2	3	3	3	3	78
MATTSON & CRAIG	17	17	17	17	17	17	17	10	2	2	2	2	2	2	1	17	16	19	18	16	13	8	7	10	10	16	21	10	9	17	17	366
ARNSBERGER	0	0	0	0	0	0	7	7	7	7	7	8	8	7	3	3	1	1	1	0	0	0	0	0	7	4	3	1	0	0	0	82
BUTLER ISLAND	46	44	44	46	56	63	63	63	63	63	54	62	59	57	57	57	58	54	52	53	53	53	51	52	51	50	50	52	50	50	50	1676
ROSS & RAND	4	0	0	0	3	3	3	4	4	4	3	3	3	3	3	3	3	4	3	5	5	5	5	6	6	6	5	5	6	6	6	120
STEELE	12	12	12	12	12	12	10	10	10	10	5	10	9	9	8	9	9	5	8	8	0	8	8	5	5	5	8	8	5	4	4	260
HARRISON	319	282	278	443	453	453	548	543	448	458	352	342	341	335	340	310	312	476	476	476	476	476	476	476	476	494	500	500	493	500	500	13352
CHENEY	9	9	9	9	9	9	9	9	9	9	8	6	5	5	5	7	9	8	8	8	8	8	7	7	7	7	7	7	7	7	7	238
BOOMER	138	127	174	156	158	172	160	164	180	178	117	116	110	133	130	128	145	119	140	124	124	117	127	133	127	143	140	138	148	145	147	4346
RUDY	36	35	51	47	53	54	52	65	70	69	41	36	55	55	54	55	56	54	52	54	55	54	52	54	51	56	55	56	53	52	52	1634
KITE & NORD	9	9	9	9	8	8	8	8	8	8	7	8	8	0	0	0	0	0	0	6	6	6	5	6	5	5	5	5	6	6	6	174
BURGESS	617	617	695	703	712	720	782	782	852	834	830	835	647	712	712	720	729	795	796	795	856	874	865	874	852	897	878	883	887	887	887	24515
CLARK & EDWARDS	60	65	70	70	70	75	75	75	75	75	67	70	72	71	70	80	82	71	71	71	71	71	71	71	71	68	71	71	71	71	71	2213
LOWDER	40	44	50	50	50	50	50	50	50	50	50	50	47	46	45	41	46	45	43	45	45	44	43	44	43	43	43	43	46	45	45	1426
JENNINGS	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	170
EAST LABELLE	120	118	120	120	125	125	125	125	125	125	121	119	119	116	119	118	120	116	114	114	114	112	111	110	107	109	114	119	121	123	123	3667
SUNNYDELL	58	59	91	122	126	129	138	149	167	140	117	118	123	111	105	130	138	162	159	156	154	146	135	158	154	132	148	164	156	119	120	4084
LENROOT	99	111	114	104	112	145	144	120	137	110	115	109	115	102	111	120	118	136	138	128	196	174	187	185	155	175	198	195	173	130	133	4344
REID	91	95	105	120	144	144	147	150	154	152	142	147	136	138	85	97	146	148	149	132	110	108	86	162	156	149	147	129	122	137	126	4054
TEXAS FEEDER	190	190	190	132	200	250	270	270	260	260	255	258	271	261	260	248	228	244	234	222	192	186	55	211	205	205	179	172	167	174	172	6611
NELSON COREY	8	8	8	6	8	10	10	10	10	10	10	13	14	11	7	7	10	10	9	2	4	2	1	12	12	12	9	11	11	10	10	275
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	3	5	5	5	18
RIGBY	184	184	192	187	160	191	191	196	200	200	162	166	165	162	173	172	182	192	162	160	160	159	159	158	158	169	168	167	164	164	165	5374
ISLAND	170	170	170	130	129	140	170	170	170	170	172	165	173	156	158	163	159	143	154	168	166	170	162	163	158	156	161	162	177	179	179	5033
DILTS	31	31	31	23	23	23	28	28	29	29	33	31	32	31	30	28	28	19	22	31	31	25	24	25	31	34	31	34	38	39	34	907
WEST LABELLE & LONG ISLAND	421	405	416	435	457	435	435	435	459	483	502	500	500	494	489	486	486	478	481	494	513	521	513	516	524	518	513	518	529	529	530	15015
PARKS & LEWISVILLE	242	242	290	244	306	299	295	295	295	350	288	290	283	290	247	336	323	324	316	346	350	350	346	348	348	348	348	348	348	348	378	9761
NORTH RIGBY	60	60	60	58	57	57	56	55	54	52	51	41	50	47	46	44	42	39	49	45	48	50	32	51	47	52	51	51	52	53	53	1563
WHITE	6	6	6	6	6	6	6	6	6	5	5	5	3	4	3	3	4	0	2	3	5	4	7	0	0	2	3	4	4	5	5	130
ELLIS	4	4	4	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	137
BRAMWELL	6	6	6	6	6	6	6	7	7	7	7	7	7	6	6	6	6	6	6	6	7	7	8	8	8	7	7	7	8	8	8	209
BUTTE & MARKET LAKE	232	262	272	287	287	287	302	322	330	333	333	323	313	295	280	262	257	253	264	301	315	320	329	315	305	315	320	330	340	350	348	9382
OSGOOD	111	111	111	110	101	101	101	101	101	115	115	115	115	118	118	118	118	118	118	118	116	115	115	116	116	116	116	116	116	116	116	3508
BEAR ISLAND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
SMITH	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	19
KENNEDY	47	47	47	47	42	40	40	44	44	44	44	43	39	38	37	36	38	43	44	43	43	43	42	42	42	45	49	47	46	45	45	1336
IDAHO	708	633	561	561	690	873	858	951	1040	1040	1040	1040	979	979	979	979	1040	1080	1060	1120	1130	1080	1070	1070	1140	1200	1200	1200	1180	1200	1140	30921
GREAT WESTERN	356	334	271	322	348	353	391	400	424	456	466	310	436	425	429	436	446	454	459	454	458	475	476	478	485	478	471	473	482	485	488	13224
PORTER	187	186	180	174	241	246	249	248	243	239	273	277	275	269	267	268	294	313	310	321	320	317	304	330	319	321	313	321	319	315	321	8567
COY & KELLER	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	62
WOODVILLE	66	66	66	66	66	66	66	66	65	61	57	63	67	67	66	67	69	69	70	73	75	72	71	70	75	77	78	77	74	77	77	2145
SNAKE RIVER VALLEY	385	393	420	453	523	564	567	560	623	673	675	689	669	643	637	647	661	653	647	669	671	659	649	653	679	685	687	689	685	685	683	19181
TOTAL HEISE TO SHELLEY	6284	6115	6200	6378	6905	7357	7650	7776	8039	8179	8140	7912	7720	7608	7354	7535	7794	8095	8112	8371	8450	8385	8191	8549	8614	8763	8791	8858	8851	8802	8791	244569
RESERVATION	335	449	517	598	643	667	635	624	656	526	562	748	630	413	493	641	687	690	644	607	620	601	572	552	609	604	574	558	553	582	476	18066
BLACKFOOT	272	245	220	232	232	233	268	280	294	363	374	351	326	347	348	337	385	415	435	411	400	375	351	329	375	397	384	355	345	362	325	10416
NEW LAVA SIDE	110	117	125	132	158	157	165	163	159	170	151	176	167	135	104	123	148	147	154	168	163	174	162	166	172	164	158	161	155	152	156	4712
PEOPLES	515	515	517	534	532	536	500	498	522	452	450	450	419	473	460	506	519	532	460	481	477	483	483	483	475	473	473	473	467	475	479	15112
ABERDEEN-SPRINGFIELD	1160	1110	1080	1080	1130	1140	1180	1210	1230	1250	1250	1260	1260	1270	1260	1270	1270	1290	1270	1270	1270	1260	1260	1260	1270	1290	1270	1270	1270	1270	1270	38180
CORBETT	150	174	164	163	162	170	174	175	167	138	153	173	175	184	182	166	164	170	158	164	151	140	119	67	185	160	142	126	117	185	190	4980
NIELSEN-HANSEN	12	12	12	12	11	11	11	11	11	11	11	12	12	11	11	17	16	15	11	10	0	0	0	0	0	4	4	9	5	6	10	271
RIVERSIDE	135	130	130	130	130	130	130	135	135	134	135	137	139	139	138	135	132	117	117	111	109	108	116	109	115	114	110	105	102	101	107	3803
DANSKIN	155	144	143	160	176	202	208	184	160	208	206	176	175	171	168	214	213	186	192	197	185	186	194	183	195	197	189	190	191	199	203	5745
TREGO	52	52	60	51	51	51	51	50	59	55	55	64	66	64	72	69	66	70	0	0	56	66	66	57	75	72	69	57	61	53	70	1760
WEARYRICK	48	48	50	50	50	55	55	50	45	39	46	34	37	45	43	51	50	59	59	56	52	50	45	48	56	54	55	51	48	47	51	1532
WATSON	104	44	43	96	49	99	101	100	49	97	100	99	114	106	104	104	105	103	104	104	104	100	92	91	85	94	88	92	80	68	88	3027
PARSONS	23	23	23	23	23	22	22	22	21	21	21	21	23	25	24	23	23	24	20	16	21	21	19	19	22	22	20	16	13	12	24	653
TOTAL SHELLEY TO CLOUGH	3061	3133	3134	3261	3398	3473	3502	3502	3558	3514	3514	3706	3543	3383	3401	3654	3780	3838	3624	3590	3608	3564	3479	3363	3614	3635	3556	3463	3407	3512	3499	108260

PLATE NO. 3

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS AUGUST 1945

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
RILEY	0	0	31	30	33	32	29	19	18	17	24	21	22	18	17	18	17	16	18	24	23	17	11	9	8	9	4	8	9	19	21	347
ANDERSON	339	338	356	341	353	345	320	284	265	262	296	282	286	268	258	262	256	250	261	298	146	256	228	218	212	222	220	213	226	279	292	8532
EAGLE ROCK	773	773	762	750	750	750	750	705	710	639	593	614	529	543	540	531	542	582	566	524	502	502	471	432	432	432	472	413	398	451	483	17914
FARMERS FRIEND	403	382	384	384	384	389	357	357	349	348	355	340	344	335	295	298	293	290	293	312	328	330	335	324	317	301	295	282	291	298	246	10254
ENTERPRISE	121	121	118	118	118	118	107	104	84	84	84	84	103	97	94	88	85	83	87	97	99	55	90	132	113	66	65	65	112	116	109	3017
NELSON	2	2	3	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	19
MATTSON & CRAIG	16	16	16	15	13	13	11	12	6	6	7	7	6	1	1	1	4	6	9	10	8	9	10	10	10	10	7	7	7	7	6	267
ARNSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUTLER ISLAND	50	49	49	49	49	49	48	48	50	48	49	49	49	49	48	48	49	48	48	45	44	45	46	47	49	50	49	48	49	50	49	1497
ROSS & RAND	6	5	5	5	5	6	5	5	4	3	3	2	2	2	2	2	1	4	4	5	4	3	3	3	4	4	4	5	5	4	5	120
STEELE	4	8	8	8	8	8	4	4	4	4	4	4	4	4	4	6	6	6	6	5	5	5	5	6	6	6	4	4	4	4	4	162
HARRISON	498	498	498	496	470	470	468	466	468	468	468	463	424	419	388	340	338	468	468	440	328	349	337	335	342	344	344	342	344	349	402	12882
CHENEY	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8	6	8	8	8	8	8	8	8	245
BOOMER	144	140	141	137	135	133	128	127	123	138	134	123	141	142	141	141	141	133	133	138	115	126	120	119	121	126	126	126	123	124	142	4081
RUDY	52	50	58	56	58	56	55	53	52	52	57	58	60	47	47	49	49	56	57	61	46	31	29	44	46	48	48	48	41	18	18	1500
KITE & NORD	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	7	6	5	6	6	6	6	5	5	5	5	5	5	5	6	6	193
BURGESS	887	896	896	883	883	874	813	777	773	773	790	782	795	804	804	804	799	839	839	843	850	746	738	746	749	799	795	790	790	790	790	25187
CLARK & EDWARDS	70	68	68	68	68	68	69	71	70	70	70	71	72	71	70	71	71	68	71	71	66	70	71	71	71	71	71	71	59	61	63	2135
LOWDER	45	47	45	44	45	46	45	44	45	44	45	46	45	45	42	44	38	40	40	42	43	40	38	37	39	39	40	42	42	43	44	1324
JENNINGS	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	5	5	5	5	5	5	5	5	6	6	138
EAST LABELLE	120	119	118	117	116	116	114	113	112	109	119	119	117	112	112	114	113	101	103	112	112	106	97	91	95	99	99	97	113	115	116	3416
SUNNYDELL	137	149	145	112	124	130	135	130	0	109	140	134	116	125	112	100	118	122	98	95	88	82	92	102	78	73	82	91	94	109	104	3326
LENROOT	134	132	134	131	133	133	128	114	104	92	131	113	116	122	118	129	119	137	129	128	96	94	100	83	68	99	97	99	121	97	84	3515
REID	119	115	121	139	121	120	113	81	67	72	91	87	87	114	103	107	101	95	95	142	105	116	93	71	57	83	89	79	75	134	125	3117
TEXAS FEEDER	156	143	140	174	178	238	239	118	107	90	107	111	113	156	128	133	136	138	142	174	244	234	147	108	97	96	129	126	122	209	264	4697
NELSON COREY	10	9	10	11	11	11	8	4	11	9	11	12	11	10	8	10	9	8	10	11	11	10	5	2	2	1	3	3	1	5	14	251
HILL PETTINGER	5	3	3	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	64
RIGBY	164	176	176	169	177	174	173	176	173	159	163	159	159	159	159	162	160	162	162	165	165	168	165	168	169	170	175	169	170	172	168	5186
ISLAND	182	173	171	174	183	176	173	161	161	148	158	161	124	121	119	125	123	113	145	145	148	137	122	112	114	115	117	119	136	149	139	4444
DILTS	34	32	31	24	26	24	28	31	29	21	24	24	23	22	22	27	26	25	27	32	29	28	27	26	28	28	30	25	27	28	28	836
WEST LABELLE & LONG ISLAND	529	513	513	513	508	510	478	478	446	418	420	427	432	421	416	427	421	405	416	416	427	410	400	395	394	400	405	395	400	405	410	13548
PARKS & LEWISVILLE	377	373	377	350	350	350	346	346	345	306	310	307	270	268	311	314	311	340	295	304	278	304	295	292	292	287	287	322	324	331	283	9845
NORTH RIGBY	52	52	52	51	52	51	51	51	51	50	50	50	50	51	51	49	44	48	49	49	49	49	49	48	48	49	49	47	47	48	48	1535
WHITE	5	4	4	5	3	3	0	0	0	0	0	0	0	4	5	0	0	4	0	0	0	0	0	0	0	0	3	5	5	5	4	63
ELLIS	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	125
BRAMWELL	10	9	9	9	9	9	8	7	7	7	7	7	7	7	6	6	6	6	5	4	4	6	6	6	6	5	4	5	6	6	6	205
BUTTE & MARKET LAKE	347	345	318	315	315	166	265	341	305	277	277	278	278	240	199	199	196	195	196	227	208	209	205	207	205	207	223	229	225	231	225	7653
OSGOOD	0	0	0	0	0	114	114	114	116	116	116	116	116	116	116	116	116	116	116	116	116	116	114	114	114	113	113	113	113	114	116	2490
BEAR ISLAND	3	3	3	3	3	3	3	3	3	3	3	0	0	3	3	3	3	3	0	0	3	3	3	3	3	3	3	0	0	0	0	69
SMITH	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	15
KENNEDY	40	34	39	40	40	40	38	38	37	37	40	45	46	45	43	46	49	48	48	47	45	43	44	44	43	37	34	36	37	40	40	1283
IDAHO	1180	1180	1100	1100	1020	1160	1160	1020	1020	934	936	936	931	932	932	929	929	929	926	771	771	846	846	765	729	756	791	799	799	799	799	28730
GREAT WESTERN	492	494	495	492	487	476	468	458	463	458	391	448	441	439	420	422	424	427	424	427	425	414	415	414	311	82	386	417	434	444	456	13249
PORTER	321	313	338	317	315	294	296	285	290	258	258	256	256	255	266	268	271	274	274	252	242	233	240	258	260	242	237	260	281	280	279	8469
COY & KELLER	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	0	0	1	1	1	2	2	0	0	1	1	1	1	1	1	1	40
WOODVILLE	80	79	80	80	77	77	78	78	73	74	77	79	77	79	77	79	77	75	75	73	77	75	72	65	65	65	69	70	73	77	82	2334
SNAKE RIVER VALLEY	681	679	681	671	627	593	595	552	514	535	523	477	525	552	502	556	552	542	533	437	424	420	405	391	423	450	491	512	499	504	546	16394
TOTAL HEISE TO SHELLEY	8613	8548	8522	8412	8278	8356	8249	7802	7482	7270	7363	7321	7211	7226	7007	7051	7073	7227	7194	7068	6800	6711	6497	6319	6195	6009	6487	6492	6633	6944	7058	225418
RESERVATION	404	546	560	589	612	446	419	332	204	373	580	609	607	601	584	576	548	541	526	578	531	409	310	272	282	387	438	466	440	443	466	14679
BLACKFOOT	366	320	329	378	377	376	320	265	248	253	275	292	276	281	275	270	267	258	251	188	245	265	254	181	172	195	188	213	233	232	236	8279
NEW LAVA SIDE	155	155	153	139	124	161	101	139	142	135	158	135	148	150	133	130	160	161	152	132	87	90	86	147	108	106	140	125	116	120	132	4120
PEOPLES	486	481	483	491	0	0	0	0	467	496	521	525	521	517	521	517	517	504	488	475	479	462	458	425	417	421	458	450	437	454	433	12904
ABERDEEN-SPRINGFIELD	1270	1270	1270	1260	1270	1270	1270	897	0	0	0	695	1230	1260	1260	1260	1250	1260	1270	1240	1230	1220	1220	1220	1220	1220	1220	1200	816	492	970	32530
CORBETT	193	190	171	204	166	177	188	184	170	181	182	158	152	156	149	139	133	116	91	107	128	130	120	118	102	41	81	43	48	96	149	4303
NIELSEN-HANSEN	0	2	1	12	14	14	14	14	14	14	14	13	14	15	14	14	12	10	4	8	10	10	9	10	2	2	0	0	0	3	6	269
RIVERSIDE	110	108	95	101	104	111	111	108	101	113	108	107	103	101	100	97	101	98	103	108	114	114	110	106	101	101	93	79	60	87	95	3148
DANSKIN	207	184	189	193	194	174	173	188	182	182	178	179	175	181	178	172	187	182	173	151	160	147	142	135	131	127	128	143	93	168	195	5191
TREGO	74	73	43	76	76	72	73	71	63	71	67	65	62	62	64	69	61	67	55	70	55	49	45	45	40	31	48	28	12	28	56	1771
WEARYRICK	56	48	44	54	60	69	69	68	64	64	61	62	55	52	50	53	50	51	45	30	33	24	2	2	32	27	31	33	23	35	41	1388
WATSON	102	88	61	97	102	107	108	108	107	108	107	104	100	99	96	94	88	89	76	92	95	68	66	65	62	53	58	37	11	44	70	2567
PARSONS	24	21	16	22	25	27	28	28	27	28	27	27	25	25	26	24	22	22	19	21	27	17	17	17	15	12	12	8	0	16	19	644
TOTAL SHELLEY TO CLOUGH	3407	3476	3415	3616	3124	3004	2874	2402	1789	2018	2270	2971	3468	3500	3450	3415	3396	3359	3253	3200	3194	3005	2834	2743	2684	2773	2995	2825	2284	2223	2968	91793

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS SEPTEMBER 1945

PLATE NO. 10

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
RILEY	21	21	14	12	10	10	10	14	10	9	6	5	5	4	3	4	5	6	5	3	1	1	0	0	0	0	0	0	0	0	179
ANDERSON	279	272	235	221	206	208	208	212	201	193	191	177	182	175	170	180	191	188	184	155	127	120	119	118	118	116	116	114	114	110	5310
EAGLE ROCK	513	513	489	428	426	426	573	551	573	550	582	571	560	560	560	543	527	442	442	390	347	320	270	258	250	250	250	250	250	250	12914
FARMERS FRIEND	246	187	141	40	234	263	264	229	219	216	255	256	258	255	252	254	255	255	255	240	222	210	160	159	150	150	150	150	150	150	6215
ENTERPRISE	114	113	106	105	102	102	89	93	88	87	85	125	128	124	121	127	133	134	133	110	95	80	20	10	10	10	10	10	10	10	2484
NELSON	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
MATTSON & CRAIG	6	3	1	1	1	1	9	9	4	10	10	10	10	8	8	9	11	11	11	5	2	2	3	3	3	2	2	2	2	2	161
ARNSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUTLER ISLAND	49	48	47	47	48	47	48	48	47	46	45	45	43	40	40	41	42	43	38	36	32	32	34	34	32	32	32	32	32	32	1212
ROSS & RAND	2	4	5	5	5	3	4	4	2	4	4	3	5	4	4	4	4	4	4	4	3	3	2	2	2	2	2	2	2	2	95
STEELE	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7	2	2	2	2	1	1	1	1	1	1	1	1	91
HARRISON	371	260	258	321	317	321	333	335	291	287	287	287	280	321	342	347	352	352	301	260	220	210	30	30	30	30	30	30	30	30	6893
CHENEY	8	8	8	8	8	8	8	8	8	8	8	7	5	3	3	3	3	3	4	2	1	1	1	1	1	1	1	1	1	1	131
BOOMER	145	149	142	115	95	107	107	116	112	137	137	131	124	117	117	116	115	116	92	75	53	50	40	34	30	30	30	30	30	30	2722
RUDY	33	34	44	29	52	51	51	28	27	49	50	48	44	44	37	37	37	37	20	20	20	20	12	12	12	12	12	12	12	12	908
KITE & NORD	6	7	7	7	6	6	6	7	7	6	6	6	5	4	4	5	5	5	6	5	5	5	6	7	7	7	7	4	4	4	169
BURGESS	742	755	673	665	708	706	703	712	708	699	699	690	720	755	751	758	764	746	650	610	568	500	450	406	400	400	400	400	400	400	18538
CLARK & EDWARDS	40	40	56	56	53	45	56	58	59	58	58	57	51	54	54	55	56	56	57	55	53	50	45	42	40	40	40	40	40	40	1524
LOWDER	44	41	41	40	42	42	39	40	40	39	40	39	36	33	33	36	38	38	38	36	34	33	32	32	25	25	25	25	25	25	1056
JENNINGS	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	115
EAST LABELLE	120	88	87	83	79	79	79	81	80	79	79	78	72	75	99	105	110	113	86	80	77	80	80	82	70	70	70	70	70	70	2491
SUNNYDELL	95	88	72	90	81	81	95	96	82	78	70	65	92	70	79	85	91	96	84	66	49	40	35	31	30	25	25	25	25	25	1966
REID	81	81	83	81	81	73	78	91	73	82	69	68	78	64	82	88	93	93	97	60	16	20	30	30	25	20	20	20	20	20	1817
TEXAS FEEDER	102	104	81	81	91	97	99	97	96	93	85	81	85	84	81	90	99	101	89	83	77	76	74	73	70	70	70	70	70	70	2539
NELSON COREY	276	294	208	184	180	134	136	135	146	144	115	106	109	106	92	90	88	136	128	115	98	90	60	50	50	50	50	50	50	50	3524
HILL PETTINGER	17	14	8	6	4	1	2	5	3	2	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	68
RIGBY	0	5	5	3	3	3	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
ISLAND	170	181	181	164	162	167	167	168	168	170	174	161	169	174	186	186	187	174	163	163	163	143	103	86	83	83	83	83	83	83	4428
DILTS	135	165	154	135	125	123	124	125	127	117	115	108	107	110	86	88	89	92	98	94	91	91	100	117	110	90	80	80	80	90	3236
WEST LABELLE & LONG ISLAND	26	30	28	30	26	27	28	28	28	30	27	24	24	23	21	18	19	20	22	20	19	20	25	34	25	17	17	17	17	17	707
PARKS & LEWISVILLE	410	424	421	416	413	429	429	427	405	389	361	366	361	346	326	338	350	350	346	325	287	290	295	302	300	300	300	300	300	300	10626
NORTH RIGBY	282	265	272	252	247	272	273	280	252	295	295	250	244	250	247	260	270	253	273	270	266	20	20	20	120	120	120	120	120	120	6348
WHITE	48	48	48	50	50	50	50	51	51	51	51	48	49	51	51	51	51	51	51	50	49	49	50	51	45	45	45	45	45	45	1470
ELLIS	5	0	0	0	4	5	0	0	0	0	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
BRAMWELL	4	4	5	5	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	3	3	3	3	4	4	3	3	3	3	3	110
BUTTE & MARKET LAKE	5	5	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	3	109
OSGOOD	202	199	203	175	155	150	193	191	187	195	199	219	220	220	220	220	170	141	130	122	122	71	71	71	71	71	71	71	0	0	4110
BEAR ISLAND	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	111	111	111	69	69	69	69	69	69	69	69	69	3042
SMITH	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
KENNEDY	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
IDAHO	44	45	46	44	43	46	47	45	46	46	45	45	44	48	47	45	44	40	32	32	32	32	30	30	30	30	30	30	30	30	1178
GREAT WESTERN	790	790	787	784	861	864	855	864	852	858	858	858	852	852	852	699	699	580	580	580	416	416	319	319	300	300	300	300	300	300	18985
PORTER	441	451	442	448	444	442	442	456	456	454	451	444	448	451	453	456	444	425	410	383	348	250	250	245	200	200	200	200	200	200	11134
COY & KELLER	272	262	250	240	223	232	235	252	262	273	277	281	277	285	262	240	213	213	213	190	182	160	120	112	110	110	110	110	110	110	6186
WOODVILLE	1	0	0	0	2	2	2	2	1	1	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
SNAKE RIVER VALLEY	81	81	79	76	76	74	74	74	75	73	72	72	68	71	70	71	71	68	67	62	57	57	55	55	50	45	45	45	45	45	1954
TOTAL HEISE TO SHELLEY	523	462	480	471	471	464	477	501	508	502	493	495	495	495	491	493	504	461	429	362	301	227	227	227	227	210	210	210	210	210	11856
	6878	6690	6340	6051	6262	6323	6532	6582	6428	6464	6439	6363	6384	6410	6378	6225	6234	5967	5675	5185	4584	3849	3247	3163	3105	3040	3027	2954	2954	2950	158603
RESERVATION	278	258	104	245	522	560	559	559	590	558	529	530	518	481	505	498	517	528	420	349	259	0	0	0	0	0	0	0	0	0	9357
BLACKFOOT	239	195	195	192	226	216	219	217	241	234	229	231	226	204	187	192	197	206	152	135	116	100	80	73	70	70	70	70	70	70	4922
NEW LAVA SIDE	116	120	113	108	134	149	138	154	164	149	142	142	127	128	149	152	154	132	67	64	62	60	58	57	50	50	50	50	50	50	3139
PEOPLES	441	397	433	433	431	462	464	462	446	444	441	440	454	458	415	413	411	380	347	350	338	300	210	206	200	200	200	200	200	200	10824
ABERDEEN-SPRINGFIELD	1230	1210	1150	1180	1160	1150	1150	1130	1100	1040	1020	1020	1020	1050	1060	1060	1070	985	914	808	710	555	473	473	470	470	470	429	408	408	26403
CORBETT	186	131	137	135	143	137	135	133	141	138	133	135	133	135	125	131	138	144	134	105	94	48	81	68	61	61	61	61	61	61	3436
NIELSEN-HANSEN	9	4	4	8	10	11	10	10	9	6	5	5	5	5	3	3	11	2	2	0	0	0	2	2	2	2	2	2	2	2	146
RIVERSIDE	98	101	101	100	97	94	93	93	112	112	109	109	110	110	108	109	109	111	114	80	50	50	50	50	50	50	50	50	50	50	2570
DANSKIN	209	177	182	164	159	152	186	190	174	176	170	169	167	167	167	170	172	181	165	150	92	113	80	51	50	50	50	50	50	50	4083
TREGO	77	63	59	56	50	47	44	53	51	52	43	39	50	51	53	53	53	47	53	44	35	36	35	34	30	30	30	30	30	30	1358
WEARYRICK	54	60	61	35	32	13	43	44	46	50	38	26	39	39	39	35	30	32	33	34	34	4	4	3	3	3	3	3	3	3	840
WATSON	85	90	92	90	87	84	82	77	79	80	79	77	85	84	83	83	85	88	42	43	94	60	60	61	50	50	50	50	50	50	2268
PARSONS	25	20	20	19	19	18	18	23	24	26	24	24	24	23	23	24	24	26	27	22	18	19	19	19	15	15	15	15	15	15	618
TOTAL SHELLEY TO CLOUGH	3047	2826	2681	2765	3070	3043	3141	3145	3167	3065	2962	2949	2958	2935	2917	2931	2969	2862	2560	2234	1902	1395	1152	1097	1051	1051	1051	1010	984	984	64964

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
BIG JIMMY CREEK	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34	35	35	35
PORTNEUF RIVER INFLOW BELOW POCATELLO	330	330	330	330	330	330	330	330	332	334	334	333	332	330	329	328	326	326	325	323	322	320	318	316	314	312	310	308	306	304	302	300	299	297
BIG SPRING CREEK	452	452	452	452	452	452	452	452	452	452	455	455	455	455	455	456	456	457	458	458	458	459	460	462	464	465	466	467	467	468	468	469	470	470
CLEAR CREEK	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	132	132
FORD CREEK	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
KINNEY CREEK	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
WIDE CREEK	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
PYLE 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
MC TUCKER SPRINGS	25	25	25	25	25	25	25	25	25	25	25	26	27	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
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
TANNER SPRINGS	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
PORTNEUF RIVER AT POCATELLO	548	592	623	645	666	687	714	716	694	682	680	670	668	657	641	610	607	614	621	612	612	603	581	566	546	533	523	512	502	491	487	531	533	514
CRYSTAL DITCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYSTAL WASTE	25	25	25	25	25	24	22	22	22	22	22	24	25	26	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31
DANIELSEN SPRING	34	34	34	34	34	34	34	34	34	35	35	36	36	36	37	38	38	39	40	40	41	41	42	42	43	43	44	45	45	46	46	47	48	49
ARTESIAN 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	2	2	2	2
STERLING WASTE	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
COLBURN WASTE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ABERDEEN WASTE	27	94	102	125	101	81	78	30	30	30	30	30	30	30	30	30	50	48	62	70	65	80	85	75	80	80	80	80	80	80	85	107	114	78
TARTAR WASTE	12	12	12	12	12	17	20	22	15	15	20	24	30	27	27	30	30	30	35	40	47	65	62	60	15	15	15	15	15	115	115	64	58	63
SCHILTZ WASTE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CEDAR WASTE	2	2	52	58	54	51	44	28	5	5	8	8	10	16	16	15	15	18	21	25	47	55	52	52	52	52	56	57	57	60	60	54	48	49
ROSS FORK	40	40	40	40	40	39	39	39	39	39	39	40	40	42	44	46	46	46	46	46	46	46	46	45	44	44	43	42	42	40	40	40	40	40
TRIPLE CREEK	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BANNOCK CREEK	45	45	44	44	44	43	43	42	42	42	42	41	41	40	40	40	39	39	39	39	38	38	38	38	37	37	37	37	36	36	36	36	36	35
RUEGAR 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
TOTAL MEASURED	1863	1974	2062	2113	2106	2106	2125	2064	2013	2004	2013	2010	2018	2011	2000	1980	1995	2006	2036	2042	2065	2096	2073	2045	1984	1970	1963	1952	1939	2029	2030	2040	2040	19
UNMEASURED INFLOW	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	13
TOTAL INFLOW CLOUGH TO NEELEY	3183	3294	3382	3433	3426	3426	3445	3384	3333	3324	3333	3330	3338	3331	3320	3300	3315	3326	3356	3362	3395	3426	3403	3375	3314	3300	3293	3282	3269	3359	3360	3370	3370	3
MONTHLY TOTALS	103,717																																	

INFLOW TO AMERICA

BETWEEN CLOUGH AND

24 HOUR SECO

JUNE

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	12	13
34	34	34	34	35	35	35	35	35	35	35	35	35	35	35	34	34	34	34	34	33	33	33	33	32	32	32	32	31	31	31	31	30	30	30	30	30	29	29	29	29	30	30	31	31	31	31
08	306	304	302	300	299	297	296	294	292	290	287	285	285	286	286	286	286	286	286	286	286	286	286	286	287	287	287	287	287	287	287	288	288	288	288	288	288	288	290	292	294	298	302	306	310	31
67	467	468	468	469	470	470	472	472	473	475	477	481	481	480	480	480	478	477	476	475	474	473	472	471	470	469	468	468	467	466	465	465	464	464	463	462	462	461	461	462	463	464	466	467	468	47
31	131	131	131	131	132	132	132	132	132	132	132	132	132	133	133	133	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	135	135	135	135	135	135	135	135	135	135	135	135	135	135	13
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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
0	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	
0	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	59	59	59	58	58	58	58	58	58	58	58	57	57	57	57	57	57	57	57	57	57	57	57	57	57	
5	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	
0	30	30	30	30	30	30	30	30	30	30	30	32	33	34	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	37	37	37	37	38	38	37	37	36	35	
7	7	7	7	7	7	7	7	7	7	7	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	
2	502	491	487	531	533	514	516	557	612	664	707	738	759	771	769	752	735	716	684	643	612	570	525	470	416	357	314	296	294	308	306	277	261	251	248	234	206	180	171	163	134	131	134	118	112	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	0	0	
0	30	30	30	30	31	31	32	32	32	33	34	34	35	36	36	36	34	34	32	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	32	33	34	35	
6	45	46	46	47	48	49	49	49	50	50	51	52	52	53	53	53	53	53	54	54	54	54	54	55	55	55	56	56	56	56	57	57	57	57	58	58	58	59	59	59	59	58	58	58	58	
	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	11	11	10	10	9	9	8	8	6	6	6	5	5	5	4	4	4	4	4	4	5	6	7	8		
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	80	80	85	107	114	78	73	101	101	102	114	112	100	91	87	84	87	72	35	42	43	25	25	25	25	25	25	25	37	41	68	103	110	114	89	102	78	64	56	51	30	25	20	20	20	
	15	115	115	64	58	63	61	49	43	55	59	59	61	51	32	21	12	12	10	26	15	13	13	13	13	13	13	17	15	21	30	19	13	13	13	13	13	13	13	13	13	13	13	13	13	1
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	57	60	60	54	48	49	42	49	50	1	52	47	63	46	32	19	16	12	3	1	1	4	2	1	1	1	1	1	1	6	14	16	20	18	12	6	1	6	5	3	2	1	1	1		
	42	40	40	40	40	40	40	42	44	46	46	46	46	46	46	46	46	45	45	44	43	43	42	42	41	41	41	41	41	40	40	40	40	40	40	40	40	40	39	39	39	39	39	39	3	
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	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	24		
939	2029	2030		2040	2040	1989	1978	2042	2092	2112	2222	2251	2281	2262	2224	2180	2151	2110	2028	2004	1959	1900	1850	1792	1733	1671	1624	1607	1611	1636	1676	1670	1658	1651	1615	1609	1540	1514	1497	1486	1439	1435	1443	1430		
330	1330	1330		1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320		
269	3359	3360		3370	3370	3319	3308	3372	3422	3442	3552	3581	3611	3592	3554	3510	3481	3430	3348	3324	3279	3220	3170	3112	3053	2991	2944	2927	2931	2956	2996	2990	2978	2971	2935	2929	2869	2834	2817	2806	2759	2755	2763	2750		

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NFLOW TO AMERICAN FALLS RESERVOIR

BETWEEN CLOUGH AND NEELEY STATIONS

24 HOUR SECOND-FEET

JULY

21	22	23	24	25	26	27	28	29	30	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
32	32	32	32	31	31	31	31	30	30	30	30	30	29	29	29	29	30	30	31	31	31	31	32	32	33	33	34	33	32	32	31	31	30	30	29	29	28	28	29	30	30	31	31	32	32	32	32	32	3
86	287	287	287	287	287	287	287	288	288	288	288	288	288	288	290	292	294	298	302	306	310	315	320	325	330	335	338	337	337	337	336	336	336	336	335	334	333	332	331	330	329	328	326	325	324	323	322	321	3
71	470	469	468	468	467	466	465	465	464	464	463	462	462	461	461	462	463	464	466	467	468	470	471	473	474	475	476	470	460	455	450	440	440	430	430	440	445	450	455	460	465	466	468	470	472	474	476	477	4
34	134	134	134	134	134	134	134	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	136	136	136	136	136	136	136	136	136	136	137	137	137	137	138	138	1
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58	58	58	58	58	58	58	58	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	56	56	56	56	56	56	56	56	56	56	56	56	57	57	57	58	59	60	61	62	63	63	63	
6	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	15	15	15	15	15	14	14	14	
36	36	36	36	36	36	36	36	36	36	36	36	37	37	37	37	38	38	37	37	36	35	34	34	33	32	32	31	30	29	29	28	28	27	27	26	26	26	25	25	25	24	24	24	24	24	24	23	23	
7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
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70	416	357	314	296	294	308	306	277	261	251	248	234	206	180	171	163	134	131	134	118	112	110	99	108	132	136	136	131	108	105	103	99	93	103	85	89	87	86	89	87	91	97	108	116	109	107	122	198	
1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	32	33	34	35	36	37	38	39	40	41	42	43	42	42	41	41	40	40	39	38	37	37	36	36	35	34	33	33	32	32	31	
55	55	55	56	56	56	56	57	57	57	57	58	58	58	59	59	59	59	58	58	58	58	58	58	58	57	57	57	57	57	56	55	55	54	53	53	52	52	53	54	54	54	55	55	55	55	55	55	55	5
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	
0	9	9	8	8	6	6	6	5	5	5	4	4	4	4	4	4	4	5	6	7	8	8	9	9	10	10	11	11	12	12	11	11	11	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	
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25	25	25	25	25	37	41	68	103	110	114	89	102	78	64	56	51	30	25	20	20	20	20	20	20	20	20	20	20	19	19	19	20	20	20	21	22	22	22	22	22	24	24	24	26	28	28	28	2	
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2	41	41	41	41	41	40	40	40	40	40	40	40	40	40	39	39	39	39	39	39	39	40	40	40	40	40	40	40	40	40	39	38	38	37	37	36	36	35	34	33	33	32	32	31	31	30	30	2	
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3	32	30	28	26	24	22	20	18	17	17	16	16	15	15	14	14	14	14	14	13	13	13	13	13	12	12	12	12	12	11	11	10	10	9	9	8	8	8	7	7	7	7	6	6	6	6	6		
4	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	24	24	24	24	24	
	1733	1671	1624	1607	1611	1636	1676	1670	1658	1651	1615	1609	1540	1514	1497	1486	1439	1435	1443	1430	1430	1436	1435	1452	1481	1494	1495	1482	1448	1437	1425	1409	1399	1395	1375	1384	1385	1386	1391	1392	1402	1409	1420	1431	1429	1426	1442	
	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	
	3053	2991	2944	2927	2931	2956	2996	2990	2978	2971	2935	2929	2869	2834	2817	2806	2759	2755	2763	2750	2750	2756	2755	2772	2801	2814	2815	2802	2768	2757	2745	2729	2719	2715	2695	2704	2705	2706	2711	2712	2722	2729	2740	2751	2749	2746	2762	

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FALLS RESERVOIR

NEELEY STATIONS

EET

JULY

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
33	33	34	33	32	32	31	31	30	30	29	29	29	28	28	29
330	335	338	337	337	337	336	336	336	336	335	334	333	332	331	330
474	475	476	470	460	455	450	440	440	430	430	440	445	450	455	460
135	135	135	135	135	135	135	135	136	136	136	136	136	136	136	136
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
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16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
32	32	31	30	29	29	28	28	27	27	26	26	26	25	25	25
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32	136	136	131	108	105	103	99	93	103	85	89	87	86	89	87
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	40	41	42	43	42	42	41	41	40	40	39	38	37	37	36
7	57	57	57	57	56	55	55	54	53	53	52	52	53	54	54
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	10	11	11	12	12	11	11	11	10	10	10	10	10	9	
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	20	20	20	19	19	19	20	20	20	21	22	22	22	22	22
	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11
	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
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	40	40	40	40	40	39	38	38	37	37	36	36	35	34	33
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	12	12	12	12	11	11	10	10	9	9	8	8	8	7	7
	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
94	1495	1482	1448	1437	1425	1409	1399	1395	1375	1384	1385	1386	1391	1392	
20	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	
4	2815	2802	2768	2757	2745	2729	2719	2715	2695	2704	2705	2706	2711	2712	

AUGUST

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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465	466	468	470	472	474	476	477	478	479	480	481	481	482	483
136	136	137	137	137	137	138	138	138	138	138	139	139	139	139
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24	24	24	24	24	24	23	23	23	23	23	22	22	22	22
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91	97	108	116	109	107	122	198	173	160	146	159	152	157	157
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24	24	24	26	28	28	28	28	28	28	28	28	28	28	28
11	11	10	10	10	10	9	8	8	8	7	7	7	6	6
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24	24	24	24	24	24	24	24	24	25	25	25	25	25	25
1402	1409	1420	1431	1429	1426	1442	1516	1489	1478	1462	1474	1465	1469	1469
1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
2722	2729	2740	2751	2749	2746	2762	2836	2809	2798	2782	2794	2785	2789	2789

16	17	18	19	20	21	22	23	24	25	26	27	28	29
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315	315	315	315	315	315	315	315	315	315	315	315	315	315
485	486	486	486	487	487	487	488	488	489	489	490	490	490
138	138	138	137	137	137	137	137	137	136	136	136	136	136
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22	22	22	22	22	23	23	23	23	23	23	23	24	24
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153	146	139	142	160	163	160	153	150	152	142	141	141	
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5	5	5	5	5	5	5	5	5	5	5	5	5	
25	25	25	25	25	25	25	25	25	25	25	25	25	
1464	1457	1450	1460	1479	1488	1500	1492	1488	1476	1461	1465	1464	
1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	
2784	2777	2770	2780	2799	2808	2820	2812	2808	2796	2781	2785	2784	

RI

GH

HOU

PLATE NO. 11

ST																
10	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
31	32	32	32	32	32	32	32	32	32	32	32	32	31	31	31	31
302	315	315	315	315	315	315	315	315	315	315	315	315	315	315	315	320
466	485	486	486	486	487	487	487	488	488	489	489	490	490	491	491	492
135	138	138	138	137	137	137	137	137	137	136	136	136	136	135	135	135
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57	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
16	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15
37	22	22	22	22	22	23	23	23	23	23	23	23	24	24	24	24
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134	153	146	139	142	160	163	160	153	150	152	142	141	141	134	138	127
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39	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
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14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
144	1464	1457	1450	1460	1479	1488	1500	1492	1488	1476	1461	1465	1464	1456	1461	1456
132	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
276	2784	2777	2770	2780	2799	2808	2820	2812	2808	2796	2781	2785	2784	2776	2781	2776

SEPTEMBER																													
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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	31	31	31
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492	493	493	493	493	494	494	494	494	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495
134	134	134	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
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15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17
24	24	25	25	26	26	26	26	27	27	27	27	27	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
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107	113	118	142	174	164	164	167	166	164	152	152	191	264	256	238	228	224	218	220	236	297	333	335	313	296	297	291	283	280
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57	57	57	57	58	59	59	59	59	59	60	61	63	64	66	67	68	68	68	70	70	70	70	70	70	70	70	70	68	68
6	6	6	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
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5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	25	26	35	35	25	25	36	34	34	36	38	33	43	50	50	55	50	50	50	50	75	77	80	66	68	68	70	65	30
7	10	10	10	10	10	10	10	10	10	15	16	16	16	17	17	18	18	18	18	18	18	18	18	38	46	33	28	35	15
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1	1	1	9	7	12	15	19	21	11	10	1	1	1	1	1	4	20	16	34	36	42	45	20	45	41	36	44	40	35
26	27	28	29	30	31	32	32	32	32	34	36	39	43	46	48	51	51	51	53	53	53	55	55	54	54	53	52	52	51
2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	5	5	5	5	6	6	6	6	7	7	8	8	9	10	11	11	11	12	12	12	12	12	12	12	12	12	12	12	13
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
1433	1444	1452	1494	1528	1518	1522	1546	1551	1542	1548	1552	1592	1684	1703	1689	1702	1709	1701	1725	1753	1845	1888	1869	1877	1866	1848	1846	1834	1771
1320	1320	1320	1320	1320	1320	1320	1320	1320	1330	1330	1330	1330	1330	1340	1340	1340	1340	1340	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350
2753	2764	2772	2814	2848	2838	2842	2866	2871	2872	2878	2882	2922	3014	3043	3029	3042	3049	3041	3075	3103	3195	3238	3219	3227	3216	3198	3196	3184	3121

90,112

DAILY SEGREGATION OF DA

DATE	JACKSON LAKE CONTENTS ACRE-FEET	SNAKE RIVER AT MORAN			MORAN TO HEISE		DATE	HEISE & RILEY		
		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSION		STORED	NORMAL	TOTAL
JULY 4	855,170						JULY 5			
5	854,400						6			
6	852,870						7			
7	852,610						8			
8	854,400						9			
9	854,150						10			
10	854,150						11			
11	853,120						12			
12	852,610						13			
13	851,580						14			
14	851,840						15			
15	853,120						16			
16	854,150						17			
17	854,150					2	18	-2	14416	14414
18	853,640					2	19	-2	13824	13822
19	853,120					2	20	-2	13123	13121
20	852,350					2	21	-2	12330	12328
21	852,870					2	22	-2	11430	11428
22	853,120	42	2098	2140	1	3	23	38	10790	10828
23	851,330	2470	1950	4420	62	3	24	2405	10723	13128
24	847,000	2560	1820	4380	64	3	25	2493	10236	12729
25	843,150	2770	1600	4370	69	4	26	2697	9632	12329
26	837,560	2811	1589	4400	70	5	27	2736	9191	11927
27	831,450	3090	1550	4640	77	5	28	3008	8620	11628
28	825,340	3620	1500	5120	91	5	29	3524	8204	11728
29	817,990	3960	1470	5430	99	5	30	3856	8172	12028
30	810,660	3780	1420	5200	95	8	31	3677	7950	11627
31	803,340	3690	1400	5090	92	8	AUG. 1	3590	7610	11200
AUG. 1	796,010	3976	1374	5350	99	8	2	3869	7231	11100
2	788,240	3780	1300	5080	95	8	3	3677	7554	11231
3	781,470	4090	1240	5330	102	8	4	3980	7050	11030
4	771,940	4780	1180	5960	120	8	5	4652	6981	11633
5	761,720	5180	1120	6300	129	8	6	5043	6789	11832
6	752,760	2730	1060	3790	68	8	7	2654	7475	10129
7	747,780	1880	1050	2930	47	8	8	1825	7174	8999
8	742,820	1660	1040	2700	41	8	9	1611	6917	8528
9	740,100	2238	1032	3270	56	8	10	2174	6253	8427
10	734,910	3110	1020	4130	78	8	11	3024	6360	9384
11	729,720	2770	1020	3790	69	8	12	2693	6368	9061
12	724,030	2730	1020	3750	68	8	13	2654	6518	9172
13	719,100	2190	1020	3210	55	8	14	2127	6471	8598
14	714,190	2240	1020	3260	56	8	15	2176	6221	8397
15	709,530	2540	1020	3560	64	8	16	2468	6030	8498
16	704,370	2530	1020	3550	63	8	17	2459	5908	8367
17	699,710	2580	1020	3600	65	8	18	2507	5759	8266
18	694,810	2720	1100	3820	68	8	19	2644	6214	8858
19	689,690	2710	1900	4610	68	8	20	2634	7390	10024
20	684,320	1965	1615	3580	49	8	21	1908	7825	9733

STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY			DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACK	
MARKET LAKE	HENRYS FORK NEAR REXBURG		STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED	NORMAL
						JULY 6					
						7					
						8					
						9					
						10					
						11					
						12					
						13	0	12700	12700		
	-18	0				14	-18	12518	12500		
	-17	0				15	-17	10617	10600		
	-18	0				16	-18	9558	9540	0	3659
	-17	0	0	7535	7535	17	-17	9237	9220	113	3667
	-18	0	283	7511	7794	18	-301	9031	8730	156	3652
9	-17	0	405	7690	8095	19	-415	8795	8380	106	3518
9	-18	0	382	7730	8112	20	-393	7523	7130	117	3473
9	-18	0	480	7891	8371	21	-491	6801	6310	97	3511
9	-56	-1	550	7900	8450	22	-598	5978	5380	89	3475
9	-239	-1	523	7862	8385	23	-754	5474	4720	69	3410
9	4	2	532	7659	8191	24	-483	4733	4250	73	3290
9	-56	117	608	7941	8549	25	1633	3807	5440	104	3530
9	-60	122	853	7761	8614	26	1467	3723	5190	127	3508
9	-100	131	1191	7572	8763	27	1284	3266	4550	95	3461
9	-191	133	1368	7423	8791	28	1053	3067	4120	78	3385
9	-96	147	1825	7033	8858	29	949	3071	4020	66	3341
9	-381	170	2067	6784	8851	30	915	3205	4120	321	3191
9	-360	186	1980	6822	8802	31	1339	2931	4270	716	2783
9	-233	179	1972	6819	8791	AUG. 1	1302	2718	4020	843	2604
9	-530	172	1850	6763	8613	2	1047	2733	3780	837	2639
9	-386	187	1840	6708	8548	3	1465	2435	3900	1079	2336
9	-260	178	1844	6678	8522	4	1404	2816	4220	1098	2518
9	-241	193	1687	6725	8412	5	1868	2852	4720	40	3084
10	-262	226	1565	6713	8278	6	2609	2861	5470	44	2960
11	-143	245	1714	6642	8356	7	2952	2588	5540	27	2847
11	-95	129	1552	6697	8249	8	889	3631	4520	5	2397
10	-104	88	1197	6605	7802	9	446	3854	4300	43	1746
10	-9	79	860	6622	7482	10	673	3627	4300	77	1941
11	354	108	753	6517	7270	11	1678	2592	4270	104	2174
11	289	149	752	6611	7363	12	2423	2297	4720	101	2870
12	270	133	728	6593	7321	13	2114	2576	4690	97	3371
12	222	130	696	6515	7211	14	2062	2548	4610	93	3407
12	224	105	817	6409	7226	15	1441	2889	4330	97	3353
11	-60	106	889	6118	7007	16	1132	3038	4170	356	3059
10	-72	120	942	6109	7051	17	1344	2676	4020	601	2795
10	-122	119	949	6124	7073	18	1279	2451	3730	599	2760
10	-118	122	1033	6194	7227	19	1244	2276	3520	584	2669
10	-164	128	984	6210	7194	20	1378	2762	4140	545	2655
10	-191	128	888	6180	7068	21	1437	4133	5570	55	3139
10	-176	92	522	6278	6800	22	1128	4442	5570	38	2967

TION OF DATA AT AND BETWEEN SNAKE R

24 HOUR SECOND-FEET EXCEPT AS NOTED

DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACKFOOT			STORAGE LOSS SHELLEY TO BLACKFOOT	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			LAKE WALCOTT CONTENTS ACRE-FEET	MINIDO
	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL		NORTH
JULY 6									JULY 7												
7									8												
8									9												
9									10												
10									11												
11									12												
12									13												
13	0	12700	12700						14												
14	-18	12518	12500				-1	-17	15	34	0	8500	8500	2759	JULY 8	1,703,920	0	11300	11300	95,180	
15	-17	10617	10600				-1	-16	16	29	0	7060	7060	2755	9	1,702,800	241	11259	11500	95,180	
16	-18	9558	9540	0	3659	3659	-1	-17	17	25	0	6370	6370	2763	10	1,696,640	1885	9815	11700	95,180	
17	-17	9237	9220	113	3667	3780	-8	-122	18	12	0	6580	6580	2750	11	1,692,710	2567	9133	11700	94,950	
18	-301	9031	8730	156	3652	3808	-27	-430	19	26	0	7000	7000	2750	12	1,688,230	2370	9330	11700	95,180	
19	-415	8795	8380	106	3518	3624	-31	-490	20	27	0	8180	8180	2756	13	1,683,750	2150	9750	11900	95,430	
20	-393	7523	7130	117	3473	3590	-31	-479	21	20	0	8780	8780	2755	14	1,679,820	864	10936	11800	95,670	
21	-491	6801	6310	97	3511	3608	-35	-553	22	12	-17	7757	7740	2772	15	1,678,140	265	11535	11800	95,180	
22	-598	5978	5380	89	3475	3564	-41	-646	23	10	-16	6106	6090	2801	16	1,673,100	1271	10529	11800	95,180	
23	-754	5474	4720	69	3410	3479	-49	-774	24	5	-17	5507	5490	2814	17	1,665,890	2793	8907	11700	95,670	
24	-483	4733	4250	73	3290	3363	-33	-523	25	4	-122	5002	4880	2815	18	1,657,600	3279	8321	11600	96,510	
25	1633	3807	5440	104	3530	3634	92	1437	26	7	-430	5160	4730	2802	19	1,649,860	3683	7817	11500	96,750	
26	1467	3723	5190	127	3508	3635	80	1260	27	1	-490	4680	4190	2768	20	1,640,470	3336	7962	11300	96,870	
27	1284	3266	4550	95	3461	3556	71	1118	28	1	-479	3559	3080	2757	21	1,630,520	3652	7448	11100	96,870	
28	1053	3067	4120	78	3385	3463	58	917	29	1	-553	2783	2230	2745	22	1,617,800	4684	6316	11000	95,910	
29	949	3071	4020	66	3341	3407	53	830	30	2	-646	2286	1640	2729	23	1,604,750	5672	5528	11200	95,670	
30	915	3205	4120	321	3191	3512	36	558	31	5	-774	1770	996	2719	24	1,591,700	6385	5015	11400	94,950	
31	1339	2931	4270	716	2783	3499	37	586	AUG. 1	2	-523	1713	1190	2715	25	1,574,860	7011	4489	11500	94,720	
AUG. 1	1302	2718	4020	843	2604	3447	28	431	2	2	1333	167	1500	2695	26	1,559,700	7472	4428	11900	94,490	
2	1047	2733	3780	837	2639	3476	13	197	3	2	1079	161	1240	2704	27	1,544,260	9138	2862	12000	94,950	
3	1465	2435	3900	1079	2336	3415	23	363	4	2	583	161	744	2705	28	1,528,290	9335	2865	12200	95,430	
4	1404	2816	4220	1098	2518	3616	18	288	5	10	451	161	612	2706	29	1,510,180	9434	2866	12300	95,910	
5	1868	2852	4720	40	3084	3124	110	1718	6	12	390	162	552	2711	30	1,489,220	9433	2867	12300	95,670	
6	2609	2861	5470	44	2960	3004	154	2411	7	29	387	165	552	2712	31	1,474,560	8627	2873	11500	96,870	
7	2952	2588	5540	27	2847	2874	175	2750	8	75	498	162	660	2722	AUG. 1	1,457,810	8123	2877	11000	97,350	
8	889	3631	4520	5	2397	2402	53	831	9	40	342	162	504	2729	2	1,441,330	8316	2884	11200	96,390	
9	446	3854	4300	43	1746	1789	24	379	10	27	193	162	355	2740	3	1,425,390	8509	2891	11400	96,150	
10	673	3627	4300	77	1941	2018	36	560	11	10	273	162	435	2751	4	1,408,430	8498	2902	11400	94,950	
11	1678	2592	4270	104	2174	2278	94	1480	12	8	790	170	960	2749	5	1,394,250	8487	2913	11400	94,720	
12	2423	2297	4720	101	2870	2971	139	2183	13	13	1738	172	1910	2746	6	1,379,620	8581	2919	11500	94,720	
13	2114	2576	4690	97	3371	3468	121	1896	14	43	2351	189	2540	2762	7	1,364,490	8682	2918	11600	95,180	
14	2062	2548	4610	93	3407	3500	118	1851	15	112	2085	235	2320	2836	8	1,351,940	8649	2951	11600	95,670	
15	1441	2889	4330	97	3353	3450	81	1263	16	138	2140	200	2340	2809	9	1,342,040	8029	3071	11100	96,390	
16	1132	3038	4170	356	3059	3415	47	729	17	144	2433	187	2620	2798	10	1,332,140	7591	3009	10600	96,390	
17	1344	2676	4020	601	2795	3396	45	698	18	149	1860	170	2050	2782	11	1,320,260	7615	2985	10600	95,910	
18	1279	2451	3730	599	2760	3359	41	639	19	149	1772	168	1940	2794	12	1,309,370	7848	2952	10800	96,750	
19	1244	2276	3520	584	2669	3253	40	620	20	130	1187	173	1360	2785	13	1,296,160	8138	2962	11100	95,550	
20	1378	2762	4140	545	2655	3200	50	783	21	218	1067	203	1270	2789	14	1,283,010	8242	2958	11200	95,550	
21	1437	4133	5570	55	3139	3194	83	1299	22	311	938	272	1210	2789	15	1,268,400	8208	2992	11200	95,310	
22	1128	4442	5570	38	2967	3005	65	1025	23	349	772	298	1070	2784	16	1,254,310	8239	3061	11300	94,720	
											592	304	896	2777	17	1,239,440	8418	3082	11500	94,720	
											428	309	737	2770	18	1,223,140	8619	3081	11700	95,070	
											315	309	624	2780	19	1,207,810	8721	3079	11800	94,840	
											412	290	702	2799	20	1,192,270	8711	3089	11800	95,430	
											1442	378	1820	2808	21	1,177,200	8711	3089	11800	96,270	
											2639	471	3110	2820	22	1,163,540	8614	3186	11800	96,750	
											2181	509	2690	2812	23	1,153,360	7709	3291	11000	96,870	
															24	1,140,910	7579	3321	10900	96,510	

EN SNAKE RIVER GAGING STATIONS 1945

CEPT AS NOTED

	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS
	STORED	NORMAL	TOTAL	ACRE-FEET
	0	11300	11300	95,180
	241	11259	11500	95,180
	1885	9815	11700	94,950
	2567	9133	11700	95,180
	2370	9330	11700	95,430
	2150	9750	11900	95,670
	864	10936	11800	95,180
	265	11535	11800	95,180
	1271	10529	11800	95,670
	2793	8907	11700	96,510
	3279	8321	11600	96,750
	3683	7817	11500	96,870
	3338	7962	11300	96,870
	3652	7448	11100	95,910
	4684	6316	11000	95,670
	5672	5528	11200	94,950
	6385	5015	11400	94,720
	7011	4489	11500	94,490
	7472	4428	11900	94,950
	9138	2862	12000	95,430
	9335	2865	12200	95,910
	9434	2866	12300	95,670
	9433	2867	12300	96,870
	9627	2873	11500	97,350
	9123	2877	11000	96,390
	8816	2884	11200	96,150
	8509	2891	11400	94,950
	8398	2902	11400	94,720
	8387	2913	11400	94,720
	8281	2919	11500	95,180
	8262	2918	11500	95,670
	8249	2951	11600	96,390
	8229	3071	11100	96,390
	8291	3009	10600	95,910
	8348	2985	10600	96,750
	8338	2952	10800	95,550
	8342	2962	11100	95,550
	8308	2958	11200	95,310
	8289	2992	11200	94,720
	8278	3061	11300	94,720
	8279	3082	11500	95,070
	8281	3081	11700	94,840
	8281	3079	11800	95,430
	8284	3089	11600	96,270
	8284	3089	11800	96,750
	8286	3186	11800	96,870
	8289	3291	11000	96,510
		3321	10900	

	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET
	NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL		
						0				
	1680	1310	2990	264	2726	581	7929	8510	JULY 9	10.86
	1680	1320	3000	274	2726	1631	7089	8720	10	10.86
	1690	1350	3040	314	2726	2373	6407	8780	11	10.90
	1690	1340	3030	304	2726	2086	6604	8690	12	10.92
	1690	1340	3030	304	2726	1636	7024	8660	13	10.94
	1690	1330	3020	294	2726	969	7841	8810	14	10.84
	1690	1320	3010	284	2726	725	8175	8900	15	10.91
	1690	1320	3010	284	2726	1118	7662	8780	16	11.02
	1690	1320	3010	284	2726	2359	6181	8540	17	11.01
	1690	1310	3000	689	2321	2600	6000	8600	18	10.98
	1690	1300	2990	1183	1817	2630	6000	8630	19	11.02
	1690	1290	2980	1028	1962	2510	6000	8510	20	11.02
	1680	1280	2960	1254	1726	2668	5722	8390	21	11.01
	1690	1270	2960	1234	1726	3770	4590	8360	22	10.94
	1700	1260	2960	1234	1726	4558	3802	8360	23	10.90
	1690	1260	2950	1345	1615	5050	3400	8450	24	10.96
	1690	1260	2950	1861	1089	4990	3400	8390	25	10.90
	1700	1270	2970	1922	1028	5120	3390	8510	26	10.80
	1700	1270	2970	2970	0	5888	2862	8750	27	10.81
	1660	1270	2930	2970	0	5915	2865	8780	28	10.86
	1660	1270	2930	2930	0	6154	2866	9020	29	10.91
	1630	1270	2900	2930	0	6243	2867	9110	30	10.98
	1620	1250	2870	2900	0	5847	2873	8720	31	11.16
	1610	1240	2850	2870	0	5423	2877	8300	AUG. 1	10.98
	1610	1240	2850	2850	0	5776	2884	8660	2	10.82
	1550	1220	2770	2850	0	5949	2891	8840	3	10.80
	1500	1210	2710	2770	0	6088	2902	8990	4	10.81
	1500	1220	2720	2710	0	5957	2913	8870	5	10.96
	1500	1230	2730	2720	0	5861	2919	8780	6	10.99
	1440	1230	2670	2730	0	5772	2918	8690	7	11.05
	1370	1170	2540	2670	0	5559	2951	8510	8	11.04
	1370	1140	2510	2540	0	5289	3071	8360	9	11.08
	1370	1090	2460	2510	0	5081	3009	8090	10	11.04
	1370	1100	2470	2460	0	5015	2985	8000	11	10.95
	1420	1140	2560	2470	0	5078	2952	8030	12	10.94
	1460	1240	2700	2560	0	5278	2962	8240	13	10.84
	1460	1240	2700	2700	0	5252	2958	8210	14	10.84
	1460	1240	2700	2700	0	5248	2992	8240	15	10.88
	1460	1240	2700	2700	0	5209	3061	8270	16	10.94
	1530	1250	2780	2780	0	5278	3082	8360	17	10.94
	1570	1260	2830	2830	0	5519	3081	8600	18	11.00
	1560	1260	2820	2820	0	5641	3079	8720	19	10.98
	1570	1250	2820	2820	0	5631	3089	8720	20	11.12
	1570	1250	2820	2820	0	5481	3089	8570	21	11.23
	1580	1260	2840	2840	0	5324	3186	8510	22	11.20
	1560	1260	2820	2820	0	5069	3291	8360	23	11.10
	1530	1260	2790	2790	0	5009	3321	8330	24	11.00
									25	10.74

	GOODING PROJECT			NORTH SIDE CANAL COMPANY						TWIN FA CANAL CO	
	STORED	NORMAL	TOTAL	P. A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMA
	0	1480	1480	61	780	2770	3611	0	3611	0	346
	876	604	1480	61	770	2800	3631	0	3631	0	348
	1490	0	1490	61	770	2830	3661	264	3397	0	348
	1480	0	1480	61	860	2810	3731	731	3000	103	340
	1480	0	1480	61	920	2780	3761	677	3084	0	352
	1480	0	1480	61	910	2770	3741	398	3343	0	348
	1120	370	1490	61	910	2810	3781	0	3781	0	348
	857	633	1490	61	920	2810	3791	0	3791	0	354
	1350	140	1490	61	920	2790	3771	0	3771	0	354
	1480	0	1480	60	910	2780	3750	750	3000	349	316
	1480	0	1480	60	920	2800	3780	780	3000	570	306
	1470	0	1470	60	920	2800	3780	780	3000	570	306
	1470	0	1470	60	910	2790	3760	760	3000	560	306
	1450	0	1450	60	890	2790	3740	1018	2722	550	306
	1450	0	1450	60	880	2780	3720	2130	1590	550	306
	1450	0	1450	60	880	2790	3730	2928	802	570	306
	1440	0	1440	60	870	2770	3700	3300	400	560	306
	1440	0	1440	60	870	2760	3690	3290	400	560	306
	1440	0	1440	60	870	2790	3720	3320	400	600	306
	1440	0	1440	60	860	2800	3720	3384	336	1074	276
	1450	0	1450	60	880	2790	3730	3393	337	1052	276
	1450	0	1450	60	880	2780	3720	3383	337	1031	276
	1470	0	1470	60	890	2770	3710	3373	337	1080	276
	1460	0	1460	60	870	2740	3670	3332	338	1025	276
	1460	0	1460	60	860	2720	3640	3302	338	1021	276
	1460	0	1460	60	860	2720	3640	3300	340	1016	276
	1460	0	1460	60	850	2740	3650	3310	340	1009	276
	1470	0	1470	60	850	2750	3660	3319	341	999	276
	1470	0	1470	60	880	2730	3670	3327	343	990	276
	1450	0	1450	60	880	2700	3640	3297	343	984	276
	1440	0	1440	61	850	2660	3571	3228	343	965	276
	1440	0	1440	61	840	2650	3551	3204	347	926	276
	1440	0	1440	61	880	2630	3571	3210	361	810	276
	1400	0	1400	60	880	2610	3550	3197	353	874	276
	1380	0	1380	60	880	2620	3560	3209	351	866	276
	1380	0	1380	60	890	2620	3570	3223	347	915	276
	1380	0	1380	60	860	2620	3540	3192	348	926	276
	550	0	550	60	860	2620	3540	3192	348	920	276
	60	0	60	60	850	2620	3530	3178	352	890	276
	540	0	540	60	870	2640	3570	3210	360	819	276
	960	0	960	60	880	2670	3610	3247	363	801	276
	1140	0	1140	60	860	2670	3590	3227	363	812	276
	1460	0	1460	60	870	2670	3600	3237	363	844	276
	1470	0	1470	60	890	2650	3600	3236	364	795	276
	1470	0	1470	60	890	2660	3600	3236	364	795	276
	1460	0	1460	60	860	2650	3570	3195	375	709	276
	1430	0	1430	60	860	2630	3550	3163	387	616	276
	1400	0	1400	60	840	2620	3520	3129	391	570	276

AGING STATIONS 1945

PLATE NO. 12

AKE 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
7925	8510	JULY 9	10.96	0	1480	1480	61	780	2770	3611	0	3611	0	3480	3480	0	202	202	0	13	13
7089	8720	10	11.07	878	604	1480	61	770	2800	3631	0	3631	0	3480	3480	0	201	201	0	11	11
6407	8760	11	10.90	1490	0	1490	61	770	2830	3661	284	3397	0	3480	3480	0	201	201	0	0	10
5604	8690	12	10.82	1480	0	1480	61	880	2810	3731	731	3000	103	3407	3510	201	0	201	10	0	9
7024	8660	13	10.78	1480	0	1480	61	920	2780	3761	677	3084	0	3520	3520	201	0	201	9	0	9
7841	8810	14	10.84	1480	0	1480	61	910	2770	3741	398	3343	0	3480	3480	0	201	201	9	0	9
8175	8900	15	10.91	1120	370	1490	61	910	2810	3781	0	3781	0	3480	3480	0	201	201	0	11	11
7662	8780	16	11.02	857	633	1490	61	920	2810	3791	0	3791	0	3540	3540	0	200	200	0	11	11
7181	8540	17	11.01	1350	140	1490	61	920	2790	3771	0	3771	0	3540	3540	0	200	200	10	0	10
7000	8600	18	10.98	1480	0	1480	60	910	2780	3750	750	3000	349	3181	3530	200	0	200	16	0	16
7000	8630	19	11.02	1480	0	1480	60	920	2800	3780	780	3000	370	3000	3370	200	0	200	14	0	14
7000	8510	20	11.02	1470	0	1470	60	920	2800	3780	780	3000	370	3000	3370	200	0	200	13	0	13
7122	8390	21	11.01	1470	0	1470	60	910	2790	3760	760	3000	560	3000	3560	188	0	188	11	0	11
7590	8360	22	10.94	1450	0	1450	60	880	2780	3740	1018	2722	550	3000	3550	189	0	189	10	0	10
7802	8350	23	10.90	1450	0	1450	60	880	2780	3720	2130	1590	550	3000	3550	189	0	189	10	0	10
7800	8450	24	10.96	1450	0	1450	60	880	2790	3730	2928	802	570	3000	3570	189	0	189	10	0	10
7800	8390	25	10.90	1440	0	1440	60	870	2770	3700	3300	400	560	3000	3560	189	0	189	10	0	10
7890	8510	26	10.80	1440	0	1440	60	870	2760	3690	3290	400	560	3000	3560	202	0	202	9	0	9
7862	8750	27	10.81	1440	0	1440	60	870	2790	3720	3320	400	600	3000	3600	201	0	201	9	0	9
7865	8780	28	10.86	1440	0	1440	60	880	2800	3720	3384	336	1074	2526	3600	201	0	201	10	0	10
7866	9020	29	10.91	1450	0	1450	60	880	2790	3730	3393	337	1088	2528	3580	201	0	201	11	0	11
7867	9110	30	10.98	1450	0	1450	60	880	2780	3720	3383	337	1031	2529	3560	200	0	200	10	0	10
7873	8720	31	11.16	1470	0	1470	60	880	2770	3710	3373	337	1080	2530	3610	200	0	200	32	0	32
7873	8720	AUG 1	10.98	1460	0	1460	60	870	2740	3670	3332	338	1025	2535	3560	202	0	202	16	0	16
7877	8300	2	10.82	1460	0	1460	60	860	2720	3640	3302	338	1021	2539	3560	202	0	202	12	0	12
7884	8660	3	10.80	1480	0	1480	60	890	2720	3640	3300	340	1016	2544	3560	201	0	201	11	0	11
7891	8840	4	10.81	1480	0	1480	60	850	2740	3630	3310	340	1009	2551	3560	200	0	200	10	0	10
7892	8890	5	10.96	1470	0	1470	60	880	2750	3660	3319	341	993	2581	3560	200	0	200	10	0	10
7893	8870	6	10.99	1470	0	1470	60	880	2730	3670	3327	343	990	2570	3560	200	0	200	11	0	11
7898	8780	7	11.05	1450	0	1450	60	880	2700	3640	3297	343	984	2576	3560	202	0	202	14	0	14
7898	8690	8	11.04	1440	0	1440	61	850	2660	3571	3228	343	965	2575	3540	202	0	202	17	0	17
7901	8510	9	11.08	1440	0	1440	61	840	2650	3551	3204	347	926	2604	3530	202	0	202	17	0	17
7901	8360	10	11.04	1440	0	1440	61	880	2630	3571	3210	361	810	2710	3520	201	0	201	18	0	18
7899	8090	11	10.95	1400	0	1400	60	880	2610	3550	3197	353	874	2656	3530	200	0	200	11	0	11
7895	8000	12	10.94	1380	0	1380	60	880	2620	3560	3209	351	866	2634	3500	200	0	200	11	0	11
7892	8030	13	10.84	1390	0	1390	60	890	2620	3570	3223	347	915	2605	3520	202	0	202	10	0	10
7892	8240	14	10.84	1380	0	1380	60	860	2620	3540	3192	348	926	2614	3540	202	0	202	10	0	10
7888	8210	15	10.98	550	0	550	60	860	2620	3540	3192	348	920	2610	3530	202	0	202	721	0	721
7892	8240	16	10.94	60	0	60	60	850	2620	3530	3178	352	890	2640	3530	202	0	202	1200	0	1200
7892	8270	17	10.94	540	0	540	60	870	2640	3570	3210	360	819	2701	3520	202	0	202	632	0	632
7888	8360	18	11.00	960	0	960	60	880	2670	3610	3247	363	801	2719	3520	202	0	202	626	0	626
7888	8600	19	10.98	1140	0	1140	60	860	2670	3590	3227	363	812	2718	3530	201	0	201	385	0	385
7888	8720	20	11.12	1480	0	1480	60	870	2670	3600	3237	363	844	2716	3560	201	0	201	21	0	21
7888	8720	21	11.23	1470	0	1470	60	890	2650	3600	3236	364	795	2725	3520	202	0	202	81	0	81
7888	8570	22	11.20	1470	0	1470	60	890	2660	3600	3234	364	795	2725	3520	202	0	202	68	0	68
7888	8510	23	11.10	1460	0	1460	60	860	2650	3570	3195	375	709	2811	3520	202	0	202	22	0	22
7888	8360	24	11.00	1430	0	1430	60	860	2630	3550	3163	387	618	2904	3520	201	0	201	20	0	20
7888	8350	25	10.74	1400	0	1400	60	840	2620	3520	3129	391	570	2930	3500	201	0	201	17	0	17

DAILY SEGREGATION OF

DATE	JACKSON LAKE CONTENTS ACRE-FEET	SNAKE RIVER AT MORAN			MORAN TO HEISE		DATE	HEISE & RILEY		TOTAL	STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY			DATE	SNAKE RIVER NEAR SHELLEY		
		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSION		STORED	NORMAL		MARKET LAKE	HENRYS FORK NEAR REXBURG		STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL
AUG. 21	680,180	1477	1183	2660	37	8	AUG. 22	1432	7225	8657	10	144	71	226	6485	6711	AUG. 23	1289	3461	4750
22	677,250	1230	860	2090	31	8	23	1191	6400	7591	10	224	59	217	6280	6497	24	1149	2821	3970
23	674,810	1225	665	1890	31	8	24	1186	5893	7079	10	276	59	244	6075	6319	25	1169	2141	3310
24	672,380	1099	791	1890	28	6	25	1063	5955	7018	10	271	53	198	5997	6195	26	1093	2251	3344
25	670,200	489	1431	1920	12	8	26	469	6720	7189	9	130	24	230	5779	6009	27	354	2738	3092
26	669,230	1480	650	2130	37	8	27	1435	5664	7099	9	133	71	519	5968	6487	28	987	1801	2788
27	666,080	1740	600	2340	43	8	28	1689	5249	6938	10	110	83	763	5729	6492	29	963	1437	2400
28	662,690	2380	600	2980	60	8	29	2312	5047	7359	9	-17	113	897	5736	6633	30	1294	1241	2535
29	656,400	4730	600	5330	118	8	30	4604	4255	8859	9	-289	223	899	6045	6944	31	3202	598	3800
30	648,160	3881	1419	5300	97	8	31	3776	5845	9621	9	-236	184	1115	5943	7058	SEPT. 1	2250	2532	4782
31	640,950	4170	1100	5270	104	8	SEPT. 1	4058	5563	9621	9	-507	195	1016	5862	6878	2	2349	2841	5190
SEPT. 1	632,770	3840	720	4560	96	6	2	3738	5463	9201	9	-237	181	823	5867	6690	3	2506	2518	5024
2	626,520	2880	700	3580	72	6	3	2802	5312	8114	9	181	138	710	5630	6340	4	2144	2446	4590
3	621,250	2380	800	3180	60	6	4	2314	5428	7742	8	366	115	621	5430	6051	5	1952	2318	4270
4	617,190	2070	800	2870	52	6	5	2012	5288	7300	8	394	100	645	5617	6262	6	1669	2113	3782
5	612,650	1820	800	2620	46	6	6	1768	5592	7360	8	400	88	652	5671	6323	7	1436	2394	3830
6	609,780	1840	800	2640	46	6	7	1788	5632	7420	8	420	89	653	5879	6532	8	1474	2338	3812
7	605,010	2400	780	3180	60	6	8	2334	5530	7864	7	511	116	720	5862	6582	9	2016	1984	4000
8	600,950	1960	760	2720	49	6	9	1905	5315	7220	7	526	96	702	5726	6428	10	1640	2210	3850
9	595,960	1980	740	2720	49	6	10	1925	5094	7019	6	520	97	752	5712	6464	11	1602	2146	3748
10	590,980	1840	720	2560	46	4	11	1790	5116	6906	6	539	90	737	5702	6439	12	1508	2142	3650
11	588,610	1760	700	2460	44	0	12	1716	4849	6565	6	631	87	748	5615	6363	13	1518	2032	3550
12	583,870	1820	680	2500	45		13	1775	4870	6645	6	727	90	792	5592	6384	14	1626	1874	3500
13	580,540	1620	650	2270	40		14	1580	4744	6324	6	743	81	840	5570	6410	15	1408	2012	3420
14	577,220	1820	600	2420	45		15	1775	4478	6253	6	738	90	834	5544	6378	16	1595	1838	3433
15	573,220	2290	580	2870	57		16	2233	4461	6694	5	706	112	840	5385	6225	17	1992	1738	3730
16	568,500	1660	1000	2860	46		17	1814	5121	6935	5	642	92	783	5451	6234	18	1586	2634	4220
17	564,970	1545	1195	2740	39		18	1506	5380	6886		676	77	709	5258	5967	19	1396	3441	4837
18	561,910	1140	980	2120	29		19	1111	5554	6665		1258	60	0	5675	5675	20	2309	2941	5250
19	559,550	166	884	1050	4		20	162	5721	5883		1492	15		5185	5185	21	1639	3611	5250
20	559,320			119			21	0	4981	4981		1482	7				22	1475	3985	5460
21	560,020						22			5011		1417	7				23	1410	4746	6156
22	561,910						23			4860		985	5				24	980	5480	6460
23	563,080						24			4620		1024	5				25	1013	5461	6474
24	564,260						25			4460		1049	5				26	1044	5156	6200
25	564,730						26			4360		351	1				27	350	5160	5510
26	565,440						27			4340		0	0				28	0	5350	5350
TOTAL		148,124			3703	365		144,056			557	14,297	7101	57,966				93,843		

SEGREGATION OF DATA AT AND BETWEEN

24 HOUR SECOND-FEET EXCEPT A

INFLOW ELLEY TYS FORK REXBURG	STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY STORED	NORMAL	TOTAL	DATE	SNAKE RIVER NEAR SHELLEY STORED	NORMAL	TOTAL	DIVERSIONS SHELLEY TO BLACKFOOT STORED	NORMAL	TOTAL	STORAGE LOSS SHELLEY TO BLACKFOOT	THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER AT CLOUGHS STORED	NORMAL	TOTAL	CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR CONTENTS ACRE-FEET	SNAKE AT STORED
44	71	226	6485	6711	AUG. 23	1289	3461	4750	34	2805	2839	75	1180	AUG. 24	332	128	492	2120	2808	AUG. 25	1,126,620	7600
24	59	217	6280	6497	24	1149	2821	3970	0	2743	2743	69	1080	25	263	937	423	1460	2796	26	1,112,850	7681
76	59	244	6075	6319	25	1169	2141	3310	0	2684	2684	70	1099	26	212	588	372	960	2781	27	1,099,780	7847
71	53	198	5997	6195	26	1093	2257	3350	0	2773	2773	66	1027	27	155	453	319	772	2785	28	1,085,800	7896
30	24	230	5779	6009	27	354	2736	3090	34	2861	2895	19	301	28	108	207	268	475	2784	29	1,070,470	7848
33	71	519	5968	6487	28	987	1803	2790	226	2599	2825	46	715	29	50	80	210	290	2776	30	1,055,500	7914
0	83	763	5729	6492	29	963	1497	2460	829	1460	2289	8	126	30	21	65	181	246	2781	31	1,041,420	7638
7	113	897	5736	6633	30	1294	1246	2540	522	1701	2223	46	726	31	14	216	174	390	2776	SEPT. 1	1,027,770	7450
89	223	899	6045	6944	31	3202	598	3800	1419	1449	2868	107	1676	SEPT. 1	24	866	184	1050	2753	2	1,012,720	7363
36	184	1115	5943	7058	SEPT. 1	2250	2530	4780	1735	1312	3047	31	484	2	49	1921	209	2130	2764	3	1,001,990	7127
7	195	1016	5862	6878	2	2349	2841	5190	835	1991	2826	91	1423	3	137	2303	297	2600	2772	4	992,540	7231
47	181	823	5867	6690	3	2506	2584	5090	564	2117	2681	117	1825	4	158	2102	318	2420	2814	5	982,280	7368
1	138	710	5630	6340	4	2144	2406	4550	9	2756	2765	127	2008	5	110	1430	270	1700	2846	6	969,760	7182
6	115	621	5430	6051	5	1952	2318	4270	292	2778	3070	100	1560	6	73	967	233	1200	2838	7	960,580	6579
4	100	645	5617	6262	6	1669	2131	3800	563	2530	3093	66	1040	7	55	657	215	872	2842	8	947,640	6263
0	88	652	5671	6323	7	1436	2364	3800	690	2451	3141	45	701	8	40	624	200	824	2866	9	936,970	6354
0	89	653	5879	6532	8	1474	2326	3800	668	2477	3145	48	758	9	36	740	196	936	2871	10	927,650	6251
1	116	720	5862	6582	9	2016	1984	4000	622	2545	3167	84	1310	10	60	960	220	1180	2872	11	915,510	5995
6	96	702	5726	6428	10	1640	2210	3850	810	2255	3065	50	780	11	184	696	344	1040	2878	12	908,230	5726
0	97	752	5712	6464	11	1602	2148	3750	787	2175	2962	49	766	12	177	599	337	936	2882	13	897,440	5661
	90	737	5702	6439	12	1508	2142	3650	919	2030	2949	35	554	13	150	594	310	904	2922	14	887,630	5581
	87	748	5615	6363	13	1518	2032	3550	925	2033	2958	36	557	14	143	545	303	848	3014	15	877,040	5451
	90	792	5592	6384	14	1626	1874	3500	1284	1651	2935	21	321	15	142	498	302	800	3043	16	862,920	5421
	81	840	5570	6410	15	1408	2012	3420	1251	1666	2917	9	148	16	130	503	290	793	3029	17	849,940	5501
	90	834	5544	6378	16	1595	1805	3400	1249	1682	2931	21	325	17	102	620	292	912	3042	18	846,510	4951
	112	840	5385	6225	17	1992	1788	3780	1257	1712	2969	44	691	18	86	691	639	1330	3049	19	841,560	3221
	92	783	5451	6234	18	1586	2634	4220	735	2127	2862	51	800	19	117	800	1230	2030	3041	20	837,370	2251
	77	709	5258	5967	19	1396	3414	4810	0	2560	2560	83	1313	20	156	1313	1607	2920	3075	21	838,510	1091
	60	0	5675	5675	20	2309	2941	5250				138	2171	21		2171	1219	3390	3103	22	840,040	21
	15		5185	5185	21	1639	3611	5250				98	1541	22		1541	2579	4120	3195	23	845,750	-165
	7				22	1475	3995	5470				88	1387	23		1387	3343	4730	3238	24	854,140	-291
	7				23	1410	4740	6150				85	1325	24		1325	4045	5370	3219	25	865,280	-423
	5				24	980	5420	6400				59	921	25		921	4609	5530	3227	26	877,830	-495
	5				25	1019	5451	6470				61	958	26		958	4552	5510	3216	27	891,160	-486
	5				26	1044	5136	6180				63	981	27		981	4109	5090	3198	28	900,180	-495
	1				27	350	5160	5510				21	329	28		329	4431	4760	3196	29	910,660	-585
	0				28	0	5350	5350				0	0	29		0	4800	4800	3184	30	924,820	
	7101	57,966				93,843			27,949			3954	61,940			61,940						

ETWEEN SNAKE RIVER GAGING STATIONS

R SECOND-FEET EXCEPT AS NOTED

CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR CONTENTS ACRE-FEET	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS ACRE-FEET	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	GOODING PROJECT			NORTH SID		
			STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL	P.A.	GOODING	MA
2808	AUG. 25	1,126,620	7800	3300	10900	95,310	1500	1260	2760	2760	0	5060	3300	8360	AUG. 26	10.75	1410	0	1410			
2796	26	1,112,850	7681	3219	10900	95,180	1490	1260	2750	2740	0	5261	3219	8480	27	10.79	1380	0	1380	60	840	26
2781	27	1,099,780	7847	3153	11000	95,430	1480	1270	2750	2750	0	5327	3153	8480	28	10.80	1360	0	1360	60	860	26
2765	28	1,085,800	7896	3104	11000	95,310	1480	1270	2750	2750	0	5226	3104	8330	29	10.76	1340	0	1340	60	870	26
2744	29	1,070,470	7848	3052	10900	95,430	1450	1270	2720	2720	0	5218	3052	8270	30	10.70	1310	0	1310	60	870	26
2726	30	1,055,500	7914	2986	10900	95,670	1420	1260	2680	2680	0	5374	2986	8360	31	10.83	1320	0	1320	60	870	26
2701	31	1,041,420	7638	2982	10600	95,550	1390	1260	2650	2650	0	5248	2962	8210	SEPT. 1	10.84	1320	0	1320	60	880	26
2776	SEPT. 1	1,027,770	7450	2950	10400	95,180	1310	1260	2570	2570	0	5050	2950	8000	2	10.75	1310	0	1310	60	890	26
2753	2	1,018,720	7363	2937	10300	94,720	1260	1250	2510	2510	0	5033	2937	7970	3	10.73	1220	0	1220	60	870	25
2764	3	1,001,990	7127	2973	10100	94,600	1260	1260	2520	2520	0	4997	2973	7970	4	10.72	1150	0	1150	60	880	25
2772	4	982,540	7231	3069	10300	94,950	1260	1240	2500	2500	0	4931	3069	8000	5	10.79	1150	0	1150	60	880	25
2814	5	962,280	7368	3132	10500	94,600	1240	1180	2420	2420	0	4928	3132	8060	6	10.69	1150	0	1150	60	890	25
2848	6	949,760	7182	3118	10300	95,910	1210	1150	2360	2360	0	5002	3118	8120	7	10.66	1150	0	1150	60	880	25
2838	7	960,580	6579	3071	9650	94,840	1180	1150	2310	2310	0	4609	3071	7680	8	10.75	1150	0	1150	60	890	25
2842	8	947,640	6263	3057	9320	95,430	1110	1120	2230	2230	0	4303	3057	7360	9	10.76	1140	0	1140	60	880	23
2866	9	936,970	6354	3066	9420	95,430	1110	1050	2160	2160	0	4114	3066	7180	10	10.66	1100	0	1100	61	890	23
2871	10	927,650	6253	3067	9320	95,070	1110	1040	2150	2150	0	4033	3067	7100	11	10.43	1070	0	1070	61	880	22
2872	11	915,510	5998	3092	9090	95,910	1110	1040	2150	2150	0	3788	3092	6880	12	10.62	1070	0	1070	61	890	23
2879	12	908,230	5728	3222	8950	96,150	1140	1040	2180	2180	0	3298	3222	6520	13	10.49	1070	0	1070	61	880	22
2882	13	897,440	5691	3219	8910	96,270	1160	1060	2220	2220	0	3271	3219	6490	14	10.48	1070	0	1070	61	890	23
2912	14	887,630	5588	3232	8820	95,670	1120	1070	2190	2190	0	3368	3232	6600	15	10.46	1070	0	1070	61	880	23
3014	15	877,040	5453	3317	8770	94,250	1080	1060	2140	2078	62	3535	3255	6790	16	10.25	1070	0	1070	61	880	23
3043	16	862,920	5425	3345	8770	93,670	1070	1010	2080	2022	58	3753	3287	7040	17	10.56	1100	0	1100	61	870	20
3029	17	849,940	5501	3319	8820	95,430	1010	886	1896	1896	0	3721	3319	7040	18	10.87	1110	0	1110	61	900	21
3042	18	846,510	4956	3324	8280	95,430	887	823	1710	1710	0	3496	3324	6820	19	11.00	1100	0	1100	61	920	19
3049	19	841,560	3222	3688	6910	94,720	842	746	1588	814	774	3206	2914	6120	20	10.74	1140	0	1140	61	910	18
3041	20	837,370	2259	4271	6530	94,490	807	650	1457	0	1457	2466	2814	5280	21	10.73	1010	0	1010	61	890	17
3078	21	838,510	1098	4682	5780	95,180	722	535	1257	0	1257	1535	3425	4960	22	10.88	990	0	990	61	890	15
3103	22	840,040	278	4322	4600	94,950	602	367	969	0	969	647	3353	4000	23	10.98	960	0	960	55	900	2
3125	23	845,750	-1614	5774	4160	95,070	576	290	866	0	866	-546	4126	3580	24	10.79	148	782	930	55	890	4
3236	24	854,140	-2911	6581	3670	95,070	576	292	868	0	868	-916	3946	3030	25	10.69	50	850	900	0	890	4
3219	25	865,280	-4213	7263	3050	93,790	515	280	795	0	795	-1095	3705	2610	26	10.33	40	850	890	0	890	3
3227	26	877,830	-4966	7836	2870	93,200	471	273	744	0	744	-1025	3425	2400	27	10.11	30	850	880	0	850	3
3216	27	891,160	-4898	7768	2870	92,740	470	273	743	0	743	-839	3239	2400	28	10.12	30	850	880	0	830	2
3198	28	900,180	-4987	7307	2320	92,390	439	273	712	0	712	-1353	3453	2100	29	9.87	0	480	480	0	830	1
3196	29	910,660	-5837	7627	1790	91,460	412	273	685	0	685	-901	2301	1400	30	9.66			0	0	330	5
3184	30	924,820			426		408	273	681												0	3
										154,426							96,631					

AGING STATIONS 1945

PLATE NO. 13

E RIVER MINIDOKA		DATE	MILNER LAKE GAGE FEET	GOODING PROJECT			NORTH SIDE CANAL COMPANY						TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
RMAL	TOTAL			STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
300	8360												628	2912	3540						
219	8480	AUG.26	10.75	1410	0	1410	60	840	2650	3550	3162	388	700	2840	3540	203	0	203	11	0	11
53	8480	27	10.79	1380	0	1380	60	860	2650	3570	3191	379	748	2782	3530	203	0	203	12	0	12
04	8350	28	10.80	1360	0	1360	60	870	2640	3570	3199	371	781	2739	3520	201	0	201	12	0	12
52	8270	29	10.76	1340	0	1340	60	870	2620	3550	3185	365	817	2693	3510	200	0	200	12	0	12
86	8360	30	10.70	1310	0	1310	60	870	2630	3560	3201	359	865	2635	3500	182	0	182	11	0	11
62	8210	31	10.83	1320	0	1320	60	880	2610	3550	3199	351	897	2613	3510	182	0	182	11	0	11
50	8000	SEPT. 1	10.84	1320	0	1320	60	890	2600	3550	3201	349	877	2603	3480	182	0	182	11	0	11
37	7970	2	10.75	1310	0	1310	60	870	2590	3520	3173	347	909	2591	3500	182	0	182	11	0	11
73	7970	3	10.73	1220	0	1220	60	880	2590	3530	3184	346	877	2623	3500	182	0	182	11	0	11
9	8000	4	10.72	1150	0	1150	60	880	2580	3520	3170	350	802	2708	3510	180	0	180	10	0	10
2	8060	5	10.79	1150	0	1150	60	880	2550	3490	3129	361	696	2764	3460	180	0	180	80	0	80
8	8120	6	10.69	1150	0	1150	60	880	2540	3480	3112	368	599	2751	3350	180	0	180	117	0	117
	7680	7	10.86	1150	0	1150	60	890	2500	3450	3083	367	550	2710	3260	182	0	182	118	0	118
7	7360	8	10.75	1150	0	1150	60	880	2360	3300	2939	361	583	2697	3280	182	0	182	120	0	120
5	7180	9	10.76	1140	0	1140	60	880	2340	3280	2920	360	525	2705	3230	176	0	176	120	0	120
7	7100	10	10.66	1100	0	1100	61	890	2330	3281	2920	361	364	2706	3070	130	0	130	118	0	118
2	6880	11	10.43	1070	0	1070	61	880	2230	3171	2810	361	272	2728	3000	182	0	182	115	0	115
	6520	12	10.62	1070	0	1070	61	890	2220	3171	2807	364	7	2843	2850	182	0	182	117	0	117
	6490	13	10.49	1070	0	1070	61	880	2190	3131	2752	379	0	2840	2840	182	0	182	115	0	115
	6600	14	10.48	1070	0	1070	61	880	2130	3071	2692	379	0	2850	2850	182	0	182	115	0	115
	6790	15	10.46	1070	0	1070	61	880	2110	3051	2669	382	0	2840	2840	182	0	182	115	0	115
	7040	16	10.25	1070	0	1070	61	870	2080	3011	2611	400	0	2870	2870	180	0	180	100	14	114
	7040	17	10.56	1100	0	1100	61	900	2100	3061	2661	400	0	2870	2870	180	0	180	100	17	117
	6820	18	10.87	1110	0	1110	61	920	1920	2901	2501	400	0	2870	2870	180	0	180	194	49	243
	6120	19	11.00	1100	0	1100	61	910	1840	2811	2411	400	0	2670	2670	182	0	182	341	254	595
	5280	20	10.74	1140	0	1140	61	890	1720	2671	2271	400	0	2500	2500	170	0	170	100	14	114
	4960	21	10.73	1010	0	1010	61	890	1580	2531	2131	400	0	2210	2210	107	0	107	100	77	177
	4000	22	10.88	990	0	990	55	900	733	1688	951	737	0	2020	2020	0	0	0	100	57	157
	3580	23	10.98	960	0	960	55	890	460	1405	256	1149	0	1900	1900	0	1	1	100	304	404
	3030	24	10.79	148	782	930	0	890	442	1332	0	1332	0	1810	1810	0	56	56	100	146	246
	2610	25	10.69	50	850	900	0	890	376	1266	0	1266	0	1760	1760	0	56	56	100	14	114
	2400	26	10.33	40	850	890	0	850	328	1178	0	1178	0	1610	1610	0	56	56	100	11	111
	2400	27	10.11	30	850	880	0	830	249	1079	0	1079	0	1430	1430	0	56	56	100	10	110
	2100	28	10.12	30	850	880	0	830	185	1015	0	1015	0	1310	1310	0	56	56	100	8	108
	1400	29	9.87	0	480	480	0	330	597	927	0	927	0	1190	1190	0	56	56	100	10	110
		30	9.66			0	0	0	956	956	0	956	0	1120	1120	0	52	52	100	153	253
				96,631							195,050		44,173			13,074			7392		

DAILY STORAGE

JULY

CANAL	NO.	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
SWAN VALLEY USERS	1									2	2	2	2	2	3	3	3	4	5	5	5	5	8	8	8	8	
RILEY																											
PROGRESSIVE IRRIGATION DISTRICT	2													4	4	4	4	5	29	27	28	28	28	27	0	0	31
FARMERS FRIEND	3									131	162	162	161	161	159	162	197	257	270	304	316	328	330	323	312	310	318
ENTERPRISE	4											0	42	42	41	70	66	61	35	31	64	64	68	50	51	30	32
MATTSON & CRAIG	5																			44	45	162	121	121	121	121	118
HARRISON	6																		9	14	3	0	4	4	3	3	2
STEELE	7																		27	33	33	26	33	33	31	31	31
RUDY	8																										
BURGESS	9											4	4	4	4	4	0	0	0	4	4	0			0	4	4
LOWDER	10									0	28	0	19	5	8	0	6	14	38	71	67	66	73	69	71	68	62	71
SUNNYDELL	11														55	73	64	73	51	96	77	82	246	246	246	246	255	255
LENROOT	12																										
REID	13																		36	52	68	60	23	24	41	53	52
QUINN, WHITE, ROTH, CHENEY	14																	21	41	140	137	115	72	75	76	74	71
RIGBY	15																11	5									
DILTS	16									1	1	1	1	1	1	1	1	1	4	4	4	4	4	4	4	4	4
PARKS & LEWISVILLE	17									2	31							7	8	13	7	8	10	6	3	15	15
WHITE	18																										
BUTTE & MARKET LAKE	19																							29	28	25	21
JACKSON, LINGREN	20											2	3	5	4	7	0	0	2	3	4	4	5	5	5	4	4
OSGOOD	21																										
BEAR ISLAND	22																								1	1	
SMITH PUMP	23																		91	91	91	91	91	91	0	0	0
KENNEDY	24																					3	3	3	3	3	3
IDAHO	25									0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1
MARTIN	26									0	7	8	7	7	8	7	7	7	10	14	12	11	10	10	5	0	4
NEW SWEDEN ET. AL.	27									40	80	60	120	130	80	70	70	140	200	200	200	180	200	190	180	180	106
KELLAR	28									10	18	18	18	18	18	18	18	35	35	35	35	35	35	35	35	35	35
WOODVILLE	29									71	104	106	117	115	129	117	145	145	141	126	136	143	142	141	155	149	175
SNAKE RIVER VALLEY	30										1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
	31																	79	85	87	489	485	485	483	481	479	481
TOTAL HEISE TO SHELLEY	32									283	405	382	480	550	523	532	608	853	1191	1368	1825	2067	1980	1972	1850	1840	1844
BLACKFOOT	33									18	48	68	44	33	8	0	0	8	30	17	0	0	0	8	0	0	0
NEW LAVA SIDE	34											2	16	11	22	10	14	20	12	6	9	3	0	4	3	3	0
PEOPLES	35									85	108	36	57	53	59	59	59	51	49	49	49	43	51	55	62	57	51
ABERDEEN	36																	20	30	20	20	20	270	645	770	770	1020
CORBETT	37																										
TREGO	38																	5	6	3	0	0	0	4	8	7	0
TOTAL SHELLEY TO BLACKFOOT	39									113	156	106	117	97	89	69	73	104	127	95	78	66	321	716	843	837	1077
MINIDOKA PROJECT	40	264	274	314	304	304	294	284	284	284	689	1183	1028	1254	1234	1234	1345	1861	1922	2970	2970	2930	2930	2900	2870	2850	2850
MILNER LOW LIFT	41				201	201	0	0	0	0	200	200	200	198	199	199	199	199	202	201	201	201	200	200	202	202	202
TWIN FALLS CANAL COMPANY	42				103	0	0	0	0	0	349	570	570	560	550	550	570	560	560	600	1074	1052	1031	1080	1025	1021	1011
NORTH SIDE CANAL COMPANY	43			264	731	677	398	0	0	0	750	780	780	760	1018	2130	2928	3300	3290	3320	3384	3393	3383	3373	3332	3302	3300
GOODING PROJECT	44		876	1490	1480	1480	1480	1120	857	1350	1480	1480	1470	1470	1450	1450	1450	1440	1440	1440	1440	1450	1450	1470	1460	1460	1460
IDAHO POWER COMPANY	45																										
UNITED STATES	46																										

DAILY STORAGE DIVERSIONS — MAIN RIVER 194

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST

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	26	27	28	29	30	31
3	4	5	5	5	5	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	5	8	8
4	5	29	27	28	28	28	27	0	0	31	30	33	32	29	19	18	17	24	21	22	18	17	18	17	16	18	24	23	17	11	9	8	9	9	8	9	15	21
7	257	270	304	316	328	330	323	312	310	318	291	303	295	270	189	175	101	89	96	15	10	0	0	0	32	27	22	0										
6	61	35	31	64	64	68	50	51	30	32	32	32	37	0																								
			44	45	162	121	121	121	121	118	118	118	118	107	104	0	0	0	0	0	97	94	88	85	83	87	97	0	0	0	12	0	0	0	65	112	116	109
		9	14	3	0	4	4	3	3	3	2	0																										
		27	33	33	26	33	33	31	31	31	29	3	3																									
								0	4	4	4	4	4	0																								
0	0	0	4	4	0			68	62	71	65	65	61	55	52	47	62	63	53	73	61	60	62	62	61	62	71									37	40	95
4	38	71	67	66	73	69	71	246	255	255	242	242	233	172	136	0	0	0	0	0	0	163	163	158	198	198	209	33	29	21	35	39	46	46	46	36	14	32
3	51	96	77	82	246	246	246																					49	0	0	0	0	0	0	149	149	149	149
																																					0	26
		36	52	68	60	23	24	41	53	52	16	28	34	39	34	0	13	44	38	20	29	16	4	22	26	2	0	0	0	0	6	0	0	0	0	0	13	8
21		41	140	137	115	72	75	76	74	76	73	75	75	70	56	46	34	73	55	58	64	60	71	61	79	71	70	38	36	42	25	10	41	39	41	63	39	31
5																																						
1		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	3	3	3	3	3	3	3	3	2
7		8	13	7	8	10	6	3	15	15	8	16	13	12	15	12	0																					
							29	28	25	29																												
0		2	3	4	4	5	5	5	4	4	5	5	5	0																								
																					0	4	5	0	0	4	0											
								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
	91	91	91	91	91	91	0	0	0	0	0	0	89	89	89	91	91	91	91	91	91	91	91	91	91	91	91	91	91	89	89	89	88	88	88	88	89	91
					3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	3	3	3	3	3	0	0	3	3	3	3	3	3	3	0	0	0	0
0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1
7	10	14	12	11	10	10	5	0	4	5	5	5	3	3	2	2	5	10	11	10	8	11	14	13	13	12	10	8	9	9	8	2	0	1	2	5	5	9
140	200	200	200	180	200	190	180	180	100	100	20	160	160	20	20																							
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
145	141	126	136	143	142	141	155	149	175	151	144	112	106	85	95	58	0	46	39	36	28	32	42	43	40	21	9	0	0	14	0	0	0	9	57	66	77	55
1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0
																																				0	82	81
79	85	87	489	485	485	483	481	479	481	471	427	393	395	352	314	335	323	277	325	352	302	356	352	342	333	237	224	0	0	0	0	0	291	312	299	304	346	323
853	1191	1368	1825	2067	1980	1972	1850	1840	1844	1687	1565	1714	1552	1197	860	753	752	728	696	817	889	942	949	1033	984	888	522	226	217	244	198	230	519	763	897	899	1115	1016
8	30	17	0	0	0	8	0	0	0	11	10	9	0																									
20	12	6	9	3	0	4	3	3	0	0	0	9	0	0	0	0	6	0	0	0	0	0	8	9	0	0												
51	49	49	49	43	51	55	62	57	59	67	0	0	0	0	43	72	97	101	97	93	97	93	93	80	64	51	55	38	34	0	0	0	34	26	13	30	409	417
20	30	20	20	20	270	645	770	770	1020	1010	20	20	20	0	0	0	0	0	0	0	0	260	500	510	520	490	0	0	0	0	0	0	0	200	816	492	970	1230
																																				40	77	
5	6	3	0	0	0	4	8	7	0	10	10	6	7	5	0	5	1	0	0	0	0	3	0	0	0	4	0									0	11	0
104	127	95	78	66	321	716	843	837	1079	1098	40	44	27	5	43	77	104	101	97	93	97	356	601	599	584	545	55	38	34	0	0	0	34	226	829	522	1419	1735
861	1922	2970	2970	2930	2930	2900	2870	2850	2850	2770	2710	2720	2730	2670	2540	2510	2460	2470	2560	2700	2700	2700	2780	2830	2820	2820	2820	2840	2820	2790	2760	2740	2750	2750	2720	2680	2650	2570
199	202	201	201	201	200	200	202	202	201	200	200	200	202	202	202	201	200	200	202	202	202	202	202	202	201	201	202	202	202	201	201	203	203	201	200	182	182	182
560	560	600	1074	1052	1031	1080	1025	1021	1016	1009	999	990	984	965	926	810	874	866	915	926	920	890	819	801	812	844	795	795	709	616	570	628	700	748	781	817	865	897
300	3290	3320	3384	3393	3383	3373	3332	3302	3300	3310	3319	3327	3297	3228	3204	3210	3197	3209	3223	3192	3192	3178	3210	3247	3227	3237	3236	3236	3195	3163	3129	3162	3191	3199	3185	3201	3199	3201
440	1440	1440	1440	1450	1450	1470	1460	1460	1460	1460	1470	1470	1450	1440	1440	1440	1400	1380	1380	1380	550	60	540	960	1140	1460	1470	1470	1460	1430	1400	1410	1380	1360	1340	1310	1320	1320	1310

SEPT

1	2	3	4	5	6	7	8	9
8	8	8	8	8	8	8	8	8
21	21	14	12	10	10	10	14	10
114	113	106	105	102	102	89	93	88
64								
50	55	58	16	19	30	30	16	11
101	114	32	24	67	65	62	71	67
26	6							
0								
28	23	25	23	23	15	20	33	15
2	2	2	2	2	0			
8	19	19	0	0	5	5	6	6
5	0	0	0	4	5	0	0	0
9	10	11	9	8	11	12	10	10
35	35	34	30	9	16	19	50	6
55	55	34	30	9	16	19	50	6
1	1	0	0	0	0	0	0	0
81	0							
323	282	280	271	271	264	277	301	3
1016	823	710	621	645	652	653	720	7
417	0	9	9	7	38	40	38	
1230	835	555	0	285	525	650	630	
77								
11	0							
1735	835	564	9	292	563	690	668	
2570	2510	2520	2500	2420	2360	2310	2230	
182	182	182	180	180	180	182	182	
897	877	909	877	802	696	599	550	
3201	3173	3184	3170	3129	3112	3083	2939	
1320	1310	1220	1150	1150	1150	1150	1150	
				70	100	100	100	

RIVER 1945

PL

			SEPTEMBER																					
29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	NO.
8	8	8	6	6	6	6	6	6	6	6	6	4	0											1
9	19	21	21	21	14	12	10	10	10	14	10	9	6	5	5	4	3	4	5	6	0	0	0	2
																								3
																								4
112	116	109	114	113	106	105	102	102	89	93	88	87	85	125	128	124	121	127	133	134	0	0	0	5
																								6
37	40	95	64												14	35	40	45	0					7
																								8
36	14	32	50	55	58	16	19	30	30	16	11	58	59	51	40	33	26	25	24	25	0	0	0	9
149	149	149	101	114	32	24	67	65	62	71	67	58	58	49	79	114	110	117	123	105	0	0	0	10
	0	26	26	0																				11
0	13	8	0																					12
63	39	31	28	23	25	23	23	15	20	33	15	24	11	10	20	6	24	30	35	35	0	0	0	13
																								14
3	3	2	2	2	2	2	2	0																15
			8	19	19	0	0	5	5	6	6	8	12	6	8	12	24	24	24	12	0	0	0	16
																								17
																								18
5	5	4	5	0	0	0	4	5	0	0	0	0	7	4	0									19
																								20
1	1	1																						21
88	89	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	0	0	0	22
0	0	0	3	3	3	3	3	3	3	0	0													23
1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	24
2	5	5	9	10	11	9	8	11	12	10	11	11	10	10	9	13	12	10	9	5	0	0	0	25
																								26
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	27
57	66	77	55	55	34	30	9	16	19	50	60	69	70	67	67	78	57	38	0					28
0	0	0																						29
	0	82	81	0																				30
299	304	346	323	282	280	271	271	264	277	301	308	302	293	295	295	295	291	293	304	261	0	0	0	31
897	899	1115	1016	823	710	621	645	652	653	720	702	752	737	748	792	840	834	840	783	709	0	0	0	32
																								33
																								34
13	30	409	417	0	9	9	7	38	40	38	22	20	17	24	30	234	191	189	187	0	0	0	0	35
16	492	970	1230	835	555	0	285	525	650	630	600	790	770	895	895	1050	1060	1060	1070	735	0	0	0	36
		40	77																					37
		0	11	0																				38
29	522	1419	1735	835	564	9	292	563	690	668	622	810	787	919	925	1284	1251	1249	1257	735	0	0	0	39
20	2680	2650	2570	2510	2520	2500	2420	2360	2310	2230	2160	2150	2150	2180	2220	2190	2078	2022	1896	1710	814	0	0	40
00	182	182	182	182	182	180	180	180	182	182	176	130	182	182	182	182	182	182	180	180	182	170	107	41
81	817	865	897	877	909	877	802	696	599	550	583	525	364	272	7	0								42
85	3201	3199	3201	3173	3184	3170	3129	3112	3083	2939	2920	2920	2810	2807	2752	2692	2669	2611	2661	2501	2411	2271	2131	43
40	1310	1320	1320	1310	1220	1150	1150	1150	1150	1150	1140	1100	1070	1070	1070	1070	1070	1070	1100	1110	1100	1140	1010	44
							70	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	45
																								46

NO.	TOTAL SECOND-FEET	TOTAL ACRE-FEET	JACKSON LAKE EQUIVALENT ACRE-FEET	JACKSON LAKE RIGHT ACRE-FEET	AM. FALLS OWNED RIGHT ACRE-FEET	AM. FALLS LEASED RIGHT ACRE-FEET	OTHER RIGHTS ACRE-FEET	RENTALS AND EXCHANGES ACRE-FEET	TOTAL RIGHTS ACRE-FEET
1	365	724	780	0	0	0	0	(3) 780	780
2	904	1,793	1,934	1,200	793	291	0	0	2,284
3	6,278	12,452	13,429	0	14,609	5,826	0	(1) 8,435	28,870
4	848	1,682	1,814	2,000	0	0	0	0	2,000
5	4,439	8,805	9,495	6,100	10,509	3,860	0	(2) -7,018	13,451
6	45	89	96	0	0	0	0	(3) 104	104
7	683	1,355	1,461	5,000	11,994	4,784	0	(3) 10,030	31,808
8	66	131	141	0	0	0	0	(3) 142	142
9	2,772	5,498	5,928	2,000	2,000	797	0	(3) 2,316	7,113
10	6,233	12,363	13,333	5,120	7,496	3,404	0	(3) 12,000	28,020
11	52	103	111	1,040	0	0	0	0	1,040
12	801	1,589	1,713	4,000	0	0	0	0	4,000
13	2,723	5,401	5,824	3,000	4,504	1,796	0	0	9,300
14	16	32	34	0	3,002	1,103	0	0	4,105
15	158	313	338	0	0	0	0	(3) 338	338
16	399	792	855	0	0	0	0	(3) 855	855
17	0	0	0	0	1,034	412	0	0	1,446
18	111	220	237	0	0	0	0	(3) 237	237
19	132	262	282	0	0	0	0	(3) 383	383
20	0	0	0	0	3,002	1,103	0	(3) 10,300	14,405
21	31	62	67	0	0	0	0	(3) 67	67
22	4,524	8,973	9,675	0	15,852	6,324	0	0	22,176
23	90	179	193	0	225	82	0	0	307
24	30	60	64	0	79	32	0	0	111
25	505	1,002	1,080	355	0	0	(4) 1,105	(3) 1,250	2,710
26	2,900	5,752	6,202	0	26,986	9,910	0	0	36,896
27	2,096	4,157	4,482	1,500	2,250	825	0	(3) 150	4,725
28	4,441	8,809	9,499	5,000	28,528	11,380	0	(3) 4,400	49,308
29	24	48	52	0	0	0	0	(3) 52	52
30	163	323	348	0	9,000	770	0	0	9,770
31	16,502	32,732	35,292	15,000	27,643	10,152	0	(3) 2,000	54,795
32	57,966	114,977	123,979	51,315	169,506	62,851	(4) 1,105	46,041	330,818
33	312	619	667	0	15,033	5,520	0	0	20,553
34	167	331	357	0	0	0	0	(3) 2,000	2,000
35	4,210	8,351	9,006	8,000	22,519	8,983	0	(3) 3,000	42,502
36	23,048	45,715	49,295	42,685	41,333	44,048	0	(3) 20,000	148,066
37	117	232	250	0	4,000	1,469	0	0	5,469
38	95	188	203	0	1,462	537	0	(3) 463	2,462
39	27,949	55,436	59,778	50,685	84,347	60,557	0	25,463	221,052
40	154,426	306,300		325,810	50,000	35,061	(5) 145,140		556,011
41	13,074	25,932			34,113	12,528			46,641
42	44,173	87,616		97,183	151,185	15,728			264,096
43	(6) 195,050	386,876		322,007	320,256	139,511		(3) 25,000	806,774
44	(7) 96,631	191,664			400,000				400,000
45	(8) 1,670	(9) 3,312			45,000				45,000
46						99,700		-97,284	
TOTAL	591,304	1,172,837		847,000	(8) 1,254,407	(8) 425,936	146,245	(8) 0	2,673,588

45

PLATE NO. 14

TEMBER 10	11	12	13	14	15	16	17	18	19	20	21	NO.	TOTAL SECOND-FEET	TOTAL ACRE-FEET	JACKSON LAKE EQUIVALENT ACRE-FEET	JACKSON LAKE RIGHT ACRE-FEET	AM. FALLS OWNED RIGHT ACRE-FEET	AM. FALLS LEASED RIGHT ACRE-FEET	OTHER RIGHTS ACRE-FEET	RENTALS AND EXCHANGES ACRE-FEET	TOTAL RIGHTS ACRE-FEET
												1	365	724	780	0	0	0	0	(4) 780	780
4	0											2	304	1,793	1,934	1,200	793	291	0	0	2,284
9	6	5	5	4	3	4	5	6	0	0	0	3	4,278	12,452	13,429	0	14,609	5,826	0	(1) 8,435	28,870
												4	948	1,682	1,814	2,000	0	0	0	0	2,000
												5	4,439	8,805	9,495	6,100	10,509	3,860	0	(2) -7,018	13,451
87	85	125	128	124	121	127	133	134	0	0	0	6	45	89	96	0	0	0	0	(4) 104	104
			14	35	40	45	0					7	683	1,355	1,461	5,000	11,994	4,784	0	(3) 10,030	31,608
												8	66	131	141	0	0	0	0	(4) 142	142
8	59	51	40	33	26	25	24	25	0	0	0	9	2,772	5,498	5,928	2,000	2,000	797	0	(5) 2,316	7,113
6	58	48	79	114	110	117	123	105	0	0	0	10	6,233	12,363	13,333	5,120	7,496	3,404	0	(3) 12,000	28,020
												11	52	103	111	1,040	0	0	0	0	1,040
												12	801	1,589	1,713	4,000	0	0	0	0	4,000
1	11	10	20	6	24	30	35	35	0	0	0	13	2,723	5,401	5,824	3,000	4,504	1,796	0	0	9,300
												14	16	32	34	0	3,002	1,103	0	0	4,105
												15	158	313	338	0	0	0	0	(3) 338	338
	12	6	8	12	24	24	24	12	0	0	0	16	399	792	855	0	0	0	0	(3) 855	855
												17	0	0	0	0	1,034	412	0	0	1,446
												18	111	220	237	0	0	0	0	(3) 237	237
	7	4	0									19	132	262	282	0	0	0	0	(3) 383	383
												20	0	0	0	0	3,002	1,103	0	(3) 10,300	14,405
												21	31	62	67	0	0	0	0	(6) 67	67
91	91	91	91	91		91	91	91	0	0	0	22	4,584	8,973	9,675	0	15,852	6,324	0	0	22,176
												23	90	179	193	0	225	82	0	0	307
0	0	1	0	0		1	0	0	0	0	0	24	30	60	64	0	79	32	0	0	111
10	10	9	13	12		10	9	5	0	0	0	25	505	1,002	1,080	355	0	0	(4) 1,105	(5) 1,250	2,710
												26	2,900	5,752	6,202	0	26,986	9,910	0	0	36,896
35	35	35	35	35		35	35	35	0	0	0	27	2,086	4,137	4,482	1,500	2,250	825	0	(5) 150	4,725
70	67	67	78	57		38	0					28	4,441	8,809	9,499	5,000	28,528	11,380	0	(4) 4,400	49,308
												29	24	48	52	0	0	0	0	(4) 32	52
												30	163	323	348	0	9,000	770	0	0	9,770
293	295	295	295	291		293	304	261	0	0	0	31	16,502	32,732	35,292	15,000	27,643	10,152	0	(5) 2,000	54,795
737	748	792	840	834		840	783	709	0	0	0	32	57,966	114,977	123,979	51,315	169,506	62,851	(4) 1,105	46,041	330,818
												33	312	619	667	0	15,033	5,520	0	0	20,553
7	24	30	234	191		189	187	0	0	0	0	34	167	331	357	0	0	0	0	(5) 2,000	2,000
70	895	895	1050	1060		1060	1070	735	0	0	0	35	4,210	8,351	9,006	8,000	22,519	8,983	0	(5) 3,000	42,502
												36	23,048	45,715	49,295	42,685	41,333	44,048	0	(5) 20,000	148,066
												37	117	232	250	0	4,000	1,469	0	0	5,469
												38	95	188	203	0	1,462	537	0	(5) 463	2,462
7	919	925	1284	1251		1249	1257	735	0	0	0	39	27,949	55,436	59,778	50,685	84,347	60,557	0	25,463	221,052
2180	2220	2190	2078	2022		1896	1710	814	0	0	0	40	154,426	306,300							
182	182	182	182	182		180	180	182	170	107		41	13,074	25,932		325,810	50,000	35,061	(5) 145,140		556,011
272	7	0										42	44,173	87,616			34,113	12,528			46,641
2807	2752	2692	2669	2611		2661	2501	2411	2271	2131		43	(5) 195,050	386,876		97,183	151,185	15,728			264,096
1070	1070	1070	1070	1070		1070	1100	1110	1100	1140	1010	44	(7) 96,831	191,664		322,007	320,256	139,511		(5) 25,000	806,774
100	100	100	100	100		100	100	100	100	100	100	45	(8) 1,670	(5) 3,312			400,000				400,000
												46					45,000				45,000
																		99,700		-97,284	
					TOTAL								591,304	1,172,837		847,000	(8) 1,254,407	(8) 425,936	146,245	(8) 0	2,673,588

NOTES

(1) 400 A.F. RENTED BY LARSON FROM THE UNITED STATES; 8035 A.F. TRANSFERRED FROM ENTERPRISE CANAL FOR ENTERPRISE LANDS SERVED THRU PROGRESSIVE CANALS.

(2) RENTED 1017 A.F. FROM UNITED STATES; TRANSFERRED 8035 A.F. TO PROGRESSIVE DIST. FOR ENTERPRISE LANDS.

(3) RENTED FROM UNITED STATES.

(4) FROM MARKET LAKE SPRINGS.

(5) LAKE WALCOTT 95,180 A.F. PLUS 49,960 A.F. GAIN NEELEY TO MILNER.

(6) INCLUDES 1207 S.F. AFTER SEPT. 21; SEE PLATE 13 FOR DAILY FIGURES.

(7) INCLUDES 2248 S.F. AFTER SEPT. 21; SEE PLATE 13 FOR DAILY FIGURES.

(8) SEE PLATE 22 FOR AMERICAN FALLS WATER USED ON HENRYS FORK.

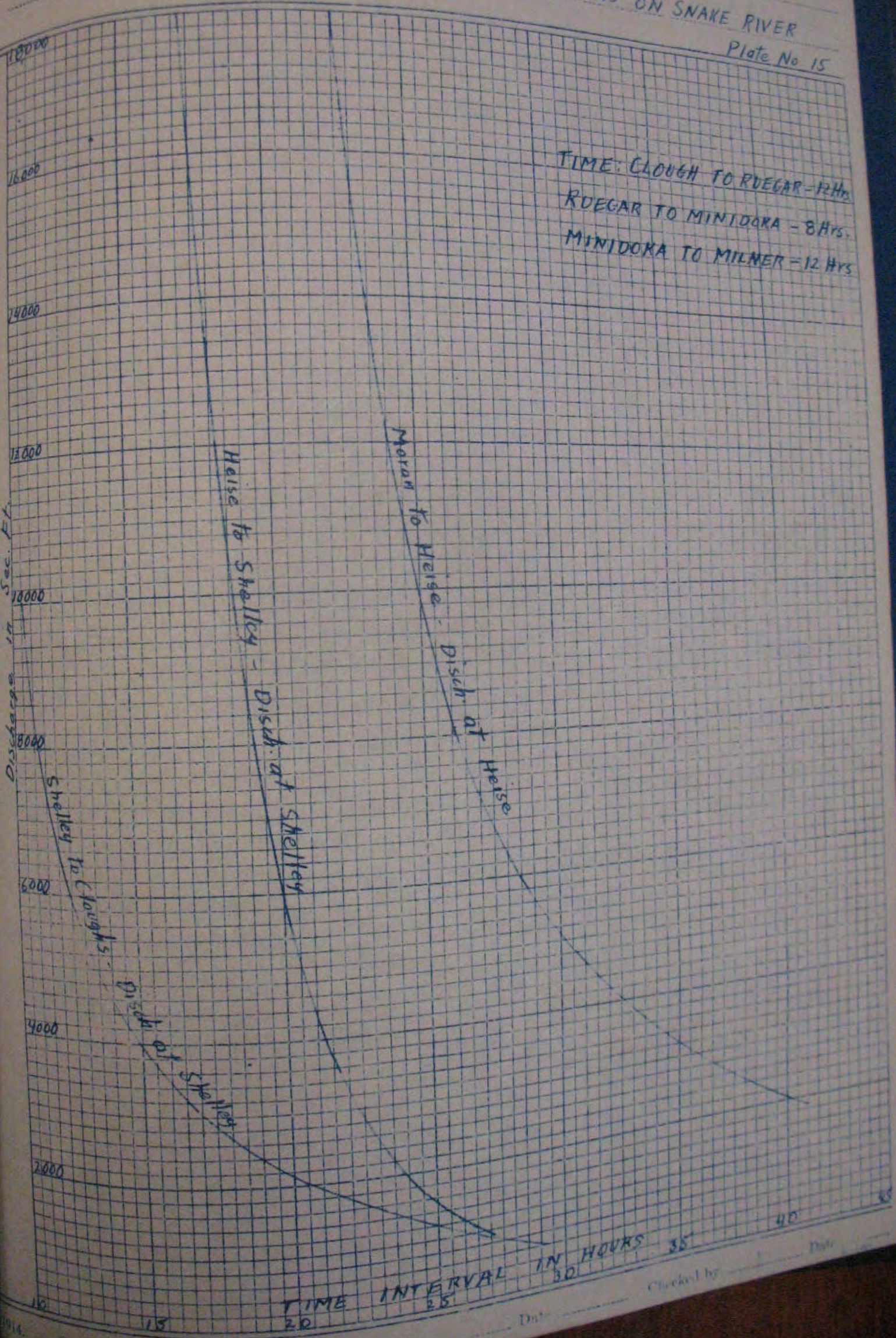
(9) DOES NOT INCLUDE 900 S.F. OR 1785 A.F. USED SEPT. 22 – 30.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

File Number { Washington / District

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No 15



1914. Sheet No. Prepared by Date Checked by Date

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

MAY 1945

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
FALL RIVER CANALS																																
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	0	0	0	0	65	65	65	56	65	65	56	65	65	68	69	69	69	90	74	75	98	76	98	76	98	93	101	97	112	121	104	2155
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	18
FALL RIVER	10	10	5	5	5	5	5	5	5	5	5	5	81	81	80	80	80	76	77	77	78	78	78	77	76	76	15	15	200	240	244	1879
MCBEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	7
CHESTER	1	1	1	1	1	1	2	4	4	10	12	17	22	28	40	35	30	23	23	22	22	35	48	56	54	60	70	80	85	78	70	434
SILKEY	0	0	0	3	3	3	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	2	2	0	0	0	30	39	88
CURR	2	2	2	3	3	3	3	38	39	40	40	41	42	43	40	37	33	31	30	30	29	29	28	25	23	24	27	30	32	33	34	816
TOTAL SQUIRREL TO CHESTER	13	13	8	12	77	77	75	103	113	120	113	128	210	220	229	221	214	222	206	204	227	218	252	234	253	255	234	223	428	513	502	5847
HENRYS FORK CANALS																																
DEWEY	0	0	0	0	0	16	16	16	16	16	17	17	18	18	20	21	22	23	23	22	22	21	21	21	21	21	20	20	20	20	20	508
LAST CHANCE	16	16	16	16	16	16	50	51	51	52	52	53	54	56	56	58	61	64	60	62	62	62	64	63	62	62	62	61	61	61	61	1557
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	370	374	377	380	380	400	430	438	440	455	465	470	470	472	458	450	450	448	445	440	436	434	432	420	402	402	402	402	405	412	438	13197
FARMERS FRIEND	67	66	90	115	115	120	150	169	180	191	271	250	220	197	204	195	188	182	183	185	186	166	146	160	140	113	135	160	163	166	168	5041
TWIN GROVES	71	71	71	97	102	109	116	116	115	115	116	120	124	128	136	144	153	150	148	145	142	152	145	138	134	131	140	150	163	160	157	3959
SALEM UNION	117	120	122	165	165	165	165	165	180	183	186	186	190	195	195	195	195	0	0	144	144	164	184	184	0	184	185	186	187	188	189	4828
TOTAL ASHTON TO ST. ANTHONY	641	647	676	773	778	826	927	955	982	1012	1107	1096	1076	1066	1069	1063	1069	867	859	998	992	999	992	986	754	913	944	979	999	1007	1033	29040
EGIN	100	219	219	223	193	223	227	227	223	311	235	235	247	247	251	300	263	271	283	299	287	303	287	283	291	299	307	10	0	0	0	6863
ST. ANTHONY UNION FEEDER	78	80	85	90	92	92	92	92	93	93	90	88	86	84	82	81	81	81	80	77	74	70	68	70	70	70	72	75	77	79	85	2527
INDEPENDENT	206	260	256	267	273	269	274	265	282	287	287	291	313	322	315	311	313	289	289	271	249	247	234	230	224	212	210	251	311	317	328	8453
CONSOLIDATED FARMERS	100	100	102	104	106	106	106	106	106	0	230	230	230	225	225	225	225	224	225	230	230	230	233	230	225	220	220	217	220	220	224	5674
TOTAL ST. ANTHONY TO REXBURG	484	659	662	684	664	690	699	690	704	691	842	844	876	878	873	917	882	865	877	877	840	850	822	813	810	801	809	553	609	616	637	23517
TETON RIVER CANALS																																
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	8	8	10	10	42
WILFORD	50	57	62	66	65	65	64	65	66	67	66	64	62	60	58	56	53	50	48	50	52	53	52	50	48	47	47	47	47	48	50	1735
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	0	0	0	0	13	13	37	54	56	42	48	295
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER	0	0	0	0	0	0	0	0	24	24	20	19	19	19	0	0	0	0	0	0	0	0	0	0	19	19	20	25	27	25	25	285
STEWART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	15
PINCOCK-BYINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCOCK-GARNER	0	0	0	0	0	0	0	0	6	6	6	5	5	5	5	5	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	113
GARDNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON ISLAND FEEDER	0	0	0	0	0	0	0	0	90	90	150	200	202	202	202	210	220	240	247	240	230	220	220	216	220	240	260	270	270	290	320	5049
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	3	3	3	3	4	4	5	5	5	13	14	16	19	22	20	12	9	12	14	12	10	7	10	13	10	8	9	10	11	11	11	308
ISLAND WARD	8	8	8	8	8	40	40	50	60	68	72	77	60	48	40	30	20	30	38	37	37	36	36	36	36	36	36	36	36	36	50	1161
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAMES-THOMPSON	0	0	0	0	0	2	2	2	0	0	0	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
MCCORMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	51
CITY OF REXBURG	20	20	20	21	21	26	26	27	27	28	28	29	29	25	20	18	15	15	15	14	14	14	14	14	7	7	7	7	15	20	25	588
REXBURG IRRIGATION	0	0	0	0	0	0	0	115	115	115	118	121	126	130	131	131	132	135	138	135	132	128	126	125	133	141	141	141	141	141	141	3132
SAURY-SOMMERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	81	88	93	98	98	137	137	264	393	411	474	533	524	513	481	467	464	447	515	503	482	466	466	462	496	521	570	609	622	634	641	12790

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

JUNE 1945

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
FALL RIVER CANALS																															
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	6	6	6	6	6	6	6	30
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	60	80	100	100	100	100	100	100	80	80	70	70	70	1160
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	60	80	100	100	104	104	106	106	86	86	76	76	76	1210
FARMERS OWN	11	11	11	11	10	10	9	9	8	8	7	7	7	7	9	10	11	12	12	15	20	23	29	31	33	33	28	28	22	19	461
ENTERPRISE	131	105	137	137	142	140	106	114	108	115	115	104	116	107	124	129	134	139	139	139	129	145	155	155	122	0	0	114	137	0	3438
BELL	5	5	5	4	4	4	5	6	8	7	6	4	4	4	4	6	8	8	8	8	8	8	8	8	8	7	7	6	6	6	185
FALL RIVER	250	264	265	265	269	270	271	271	271	260	220	214	214	214	214	250	300	330	330	330	336	338	340	340	340	340	300	270	241	250	8367
MCBEE	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
CHESTER	75	82	40	65	86	89	19	35	18	18	17	17	18	19	19	18	15	11	15	40	51	64	72	82	55	55	50	45	41	41	1272
SILKEY	34	29	29	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	35	34	33	32	32	6	6	6	6	408
CURR	36	38	36	24	22	10	0	0	3	2	2	2	1	1	1	1	1	1	40	42	42	42	42	42	42	40	25	22	22	22	604
TOTAL SQUIRREL TO CHESTER	544	536	525	513	540	530	410	435	416	410	367	348	360	352	371	414	469	501	580	610	622	655	680	691	632	507	416	491	475	344	14744
HENRYS FORK CANALS																															
DEWEY	21	22	23	23	23	23	1	1	1	1	1	1	1	1	1	1	1	1	1	23	23	23	23	22	22	22	21	21	21	21	411
LAST CHANCE	64	68	68	68	69	52	40	35	26	20	15	14	14	14	14	14	14	14	15	49	62	62	62	62	62	62	62	61	60		1304
CROSS CUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST. ANTHONY UNION	440	454	454	458	460	483	341	344	340	330	320	312	344	344	333	376	390	409	458	490	500	510	515	520	529	483	490	398	385	395	12605
FARMERS FRIEND	172	166	174	183	141	110	86	83	82	76	64	70	70	75	73	71	75	80	150	162	159	193	219	190	160	175	186	113	58	60	3675
TWIN GROVES	158	158	157	156	140	104	103	103	107	106	104	101	110	120	125	121	130	140	148	160	162	163	160	160	156	158	163	150	140	126	4089
SALEM UNION	213	216	217	218	222	197	180	181	182	180	178	161	161	132	127	152	152	188	190	190	197	211	210	205	200	200	190	190	128	120	5488
TOTAL ASHTON TO ST. ANTHONY	1068	1084	1093	1106	1055	969	751	747	738	712	682	659	700	686	673	735	762	832	984	1074	1103	1162	1188	1154	1129	1100	1112	934	743	782	27572
EGIN	174	241	321	354	342	363	321	321	277	281	269	289	297	273	269	317	321	325	329	359	363	392	396	350	350	273	265	204	210	89	9003
ST. ANTHONY UNION FEEDER	37	50	80	82	83	84	38	38	38	36	35	35	34	34	28	34	42	54	54	65	74	74	75	75	76	67	71	52	52	57	1654
INDEPENDENT	346	346	346	346	350	320	226	222	226	180	206	202	216	218	226	243	245	287	302	339	346	346	350	346	332	271	191	182	174	108	8030
CONSOLIDATED FARMERS	230	240	250	260	272	250	147	145	145	140	130	126	128	129	130	150	200	230	230	230	233	230	230	230	230	227	208	208	208	208	5974
TOTAL ST. ANTHONY TO REXBURG	787	897	997	1042	1097	1017	732	726	686	637	640	652	675	654	653	744	808	896	915	993	1016	1042	1051	1001	978	838	737	644	644	462	24661
TETON RIVER CANALS																															
SIDDOWAY	12	8	9	9	10	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	10	12	12	13	10	7	7	8	170
WILFORD	55	55	50	50	60	64	100	133	120	110	101	90	80	80	75	75	70	70	67	90	120	149	149	149	149	131	130	120	120	113	2925
TETON IRRIGATION	54	57	57	57	46	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74	83	85	90	92	82	72	68	54	1091
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	18	20	21	22	22	21	21	20	197
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27	30	35	40	47	45	40	0	0	291
STEWART	3	3	3	3	3	3	6	8	6	3	3	4	4	4	4	3	3	4	4	5	7	8	8	9	9	10	10	10	10	0	164
PINCOCK-BYINGTON	10	10	10	10	10	10	10	15	15	15	15	14	14	14	14	15	15	15	14	13	13	13	13	5	5	5	5	6	6	6	252
PINCOCK-GARNER	4	4	4	4	4	4	4	0	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	4	4	4	3	2	1		40
GARDNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	4	6	2	2	0	0		31
TETON ISLAND FEEDER	352	350	350	350	250	170	170	164	170	220	258	250	250	250	241	250	290	350	360	380	384	380	370	370	370	368	350	300	300	186	8744
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	22	27	27	27	28	28	20	20	12	11	10	244
ROXANA	11	11	11	11	11	34	28	22	24	24	26	22	14	20	25	30	28	20	12	20	28	30	26	24	22	19	19	19	18	6	613
ISLAND WARD	74	74	74	50	30	27	27	27	30	30	34	25	19	19	18	18	20	35	42	50	70	90	80	80	73	75	50	36	33	29	1334
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	10	16	20	21	20	17	13	10	143
EAMES-THOMPSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
MCCORMICK-ROWE	4	4	4	4	4	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120
CITY OF REXBURG	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	601
REXBURG IRRIGATION	24	24	24	24	8	8	16	16	16	8	0	0	0	0	0	0	0	0	0	0	28	40	42	43	44	44	48	45	40	39	5738
SAURY-SOMMERS	181	185	185	185	185	185	185	186	190	190	131	131	131	132	133	135	136	137	206	230	250	256	250	240	240	235	236	234	240	144	85
TOTAL	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	12	18	12	1		22898
	785	786	782	748	607	556	550	542	569	564	574	542	522	524	516	550	574	653	728	815	1044	1130	1134	1134	1145	1124	1064	968	906	731	

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

JULY 1945

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
FALL RIVER CANALS																																
YELLOWSTONE	8	10	12	14	16	16	16	16	16	14	14	12	12	10	10	9	8	8	8	8	6	6	6	6	4	4	4	4	4	4	4	289
MARYSVILLE	65	62	62	70	80	100	120	150	150	150	150	150	150	150	150	150	146	150	150	155	152	146	151	156	159	159	161	164	172	173	175	4278
TOTAL ABOVE SQUIRREL	73	72	74	84	96	116	136	166	166	164	164	162	162	160	160	159	154	158	158	163	158	152	157	162	163	163	165	168	176	177	179	4567
FARMERS OWN	18	18	18	18	18	21	21	22	27	35	49	51	51	56	56	63	69	68	76	83	83	75	75	78	79	77	75	75	74	73	73	1675
ENTERPRISE	140	140	140	140	140	140	140	139	138	138	138	138	131	136	137	139	138	136	132	136	134	131	128	128	130	128	130	137	137	137	137	4213
BELL	6	6	6	1	1	1	1	2	2	2	1	1	0	0	0	0	0	0	1	0	0	0	1	1	7	6	6	6	6	5	5	74
FALL RIVER	300	320	336	336	336	336	340	340	340	345	345	348	348	331	331	331	355	353	384	427	379	352	348	204	200	198	200	146	149	149	199	9406
MCBEE	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	2	2	2	2	34
CHESTER	50	60	80	86	86	86	85	85	84	70	60	45	34	28	28	28	27	18	14	40	47	48	49	28	22	21	20	9	9	9	17	1373
SILKEY	6	6	8	8	8	8	8	8	8	9	9	9	5	3	3	3	3	4	7	3	3	15	21	30	29	29	29	31	32	24	20	389
CURR	22	22	22	20	20	19	19	20	30	40	41	41	40	17	26	28	28	27	27	23	32	34	36	47	47	45	44	44	44	44	43	992
TOTAL SQUIRREL TO CHESTER	544	574	612	611	611	613	616	618	630	640	644	634	609	571	581	592	620	607	642	712	678	655	658	517	515	505	505	450	453	443	496	18156
HENRYS FORK CANALS																																
DEWEY	21	21	20	16	15	14	14	15	15	15	15	15	14	13	14	17	16	16	13	12	19	19	22	22	14	13	14	13	14	17	17	495
LAST CHANCE	38	40	50	55	57	57	57	56	55	55	54	54	52	52	52	51	50	48	48	57	56	54	52	53	53	52	52	51	53	52	50	1616
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	186	191	186	192	188	191	189	193	1516
ST. ANTHONY UNION	390	377	390	405	417	414	458	475	485	492	482	448	444	461	461	461	465	453	441	431	443	439	438	463	461	468	475	465	468	466	465	13901
FARMERS FRIEND	80	100	120	137	137	137	137	137	137	137	138	138	148	139	73	64	48	106	108	101	113	22	22	33	37	42	42	53	77	0	62	2825
TWIN GROVES	130	130	135	135	135	135	135	135	135	135	135	135	136	134	128	126	125	138	138	135	136	132	127	123	109	123	0	112	131	136	133	3932
SALEM UNION	120	110	107	130	145	150	160	168	168	165	160	156	146	132	145	154	156	135	122	125	154	159	165	162	171	198	198	216	195	195	180	4847
TOTAL ASHTON TO ST. ANTHONY	779	778	822	878	906	907	961	986	995	994	984	946	940	931	873	873	860	896	870	861	921	825	826	1042	1036	1082	973	1098	1129	1055	1100	29132
EGIN	220	250	255	255	255	255	260	260	260	260	260	259	219	219	221	223	227	223	219	315	303	299	223	291	295	319	309	338	317	293	297	8199
ST. ANTHONY UNION FEEDER	57	55	50	45	44	44	44	44	44	44	44	31	33	25	26	26	29	30	31	16	13	50	50	31	27	40	38	72	72	70	60	1285
INDEPENDENT	99	141	195	224	220	245	245	249	309	309	265	222	158	182	200	228	185	185	144	109	136	265	282	241	228	284	289	287	300	309	249	6984
CONSOLIDATED FARMERS	210	210	210	216	216	216	210	210	200	200	195	192	186	182	182	182	180	180	175	204	135	201	225	209	216	224	200	206	201	206	206	6185
TOTAL ST. ANTHONY TO REXBURG	586	656	710	740	735	760	759	763	813	813	764	704	596	608	629	659	621	618	569	644	587	815	780	772	766	867	836	903	890	878	812	22653
TETON RIVER CANALS																																
SIDDOWAY	7	7	7	7	7	8	8	8	8	8	10	12	13	12	12	12	11	11	11	11	11	11	11	11	12	12	11	11	9	9	7	305
WILFORD	120	120	130	130	132	132	133	135	135	135	135	135	138	130	130	141	132	125	145	141	159	156	152	138	134	152	159	146	138	13	143	4144
TETON IRRIGATION	50	50	45	45	55	55	60	62	62	62	62	62	74	74	74	72	72	80	83	68	76	75	86	84	84	81	82	80	76	76	71	2138
GOOD LUCK	20	20	21	22	22	22	21	20	20	19	16	13	13	13	13	14	18	18	18	18	18	18	30	30	30	30	27	26	17	16	16	619
PIONEER	0	0	0	0	0	0	30	30	30	30	20	15	15	16	16	0	0	0	25	22	12	0	0	0	0	20	20	29	22	26	24	402
STEWART	10	10	10	0	0	25	25	25	25	25	30	32	32	30	31	31	30	30	27	26	30	29	29	28	27	25	31	28	24	25	22	752
PINCOCK-BYINGTON	8	9	9	9	9	10	12	12	12	12	12	12	11	10	10	10	9	12	11	10	10	10	14	15	15	14	13	11	10	7	7	335
PINCOCK-GARNER	1	18	18	18	18	20	25	30	35	35	35	35	34	32	31	30	30	38	36	25	17	17	18	24	24	23	20	19	17	11	6	740
GARDNER	0	0	0	0	0	0	0	0	2	2	2	2	3	12	13	12	12	18	18	18	9	3	2	1	1	1	7	0	0	0	0	138
TETON ISLAND FEEDER	200	250	270	270	270	330	390	380	340	330	330	325	314	299	304	301	296	281	340	328	304	299	299	299	299	268	242	239	226	283	247	9153
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	6	6	5	5	5	5	5	5	5	5	14	14	15	6	11	15	17	17	5	14	10	9	9	7	5	3	1	12	15	2	2	255
ISLAND WARD	28	26	25	25	24	25	30	50	60	69	60	51	46	31	32	35	34	34	22	48	49	64	69	66	64	58	53	38	48	42	39	1350
WOODMANSEE-JOHNSON	10	12	12	12	12	12	10	8	7	7	6	4	4	4	4	4	4	4	3	2	2	19	18	26	24	23	21	20	19	18	16	352
EAMES-THOMPSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	5	4	4	2	1	1	1	0	3	3	2	50
MCCORMICK-ROWE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	155
CITY OF REXBURG	38	37	36	36	35	35	37	34	40	41	47	45	38	34	39	43	45	43	41	43	38	30	28	27	26	31	28	36	29	35	30	1133
REXBURG IRRIGATION	240	230	220	220	219	220	220	225	225	226	220	209	213	212	209	206	205	209	203	201	201	201	198	247	244	259	244	232	224	219	196	6792
SAURY-SOMMERS	2	2	2	2	2	2	4	6	6	6	29	29	28	26	26	27	27	27	15	14	11	14	13	13	12	12	16	16	8	8	10	423
TOTAL	745	802	815	806	815	406	1015	1034	1017	1017	1033	1000	996	950	960	958	953	963	1014	1000	967	969	985	1025	1007	1013	981	948	840	748	851	24236

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

AUGUST 1945

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
FALL RIVER CANALS																																
YELLOWSTONE	5	4	5	7	6	6	9	10	9	7	6	6	6	5	5	5	4	4	5	6	5	5	5	4	5	4	4	4	4	4	5	169
MARYSVILLE	172	171	172	168	149	159	158	172	124	125	123	116	116	119	102	116	116	120	146	135	69	66	65	64	66	64	64	63	63	63	65	3491
TOTAL ABOVE SQUIRREL	177	175	177	175	155	165	167	182	133	132	129	122	122	124	107	121	120	124	151	141	74	71	70	68	71	68	68	67	67	67	70	3660
FARMERS OWN	70	70	68	70	70	66	64	56	49	48	43	44	24	24	24	25	25	25	25	16	14	14	14	14	14	15	14	14	15	15	15	1064
ENTERPRISE	137	137	139	146	136	136	136	145	141	143	143	143	145	145	145	149	144	142	139	136	138	134	134	132	138	134	131	130	129	131	131	4289
BELL	5	5	5	9	7	6	6	9	8	8	8	7	8	8	8	8	7	7	7	10	10	10	9	9	10	10	9	9	9	9	10	250
FALL RIVER	177	177	182	200	186	173	173	186	177	177	177	177	177	177	177	177	176	173	173	141	186	175	179	184	186	188	191	246	244	241	248	5851
MCBEE	1	1	2	2	2	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
CHESTER	14	24	25	28	20	20	20	25	20	18	18	18	19	26	28	31	28	27	28	40	42	38	36	36	38	39	40	28	27	28	32	861
SILKEY	22	22	13	19	14	13	13	18	15	14	14	13	14	14	12	11	9	8	8	0	1	1	5	5	2	1	1	1	1	1	1	286
CURR	42	42	43	19	34	33	33	36	34	34	34	34	34	34	34	35	34	41	41	44	14	13	14	12	10	10	10	32	32	32	32	926
TOTAL SQUIRREL TO CHESTER	468	478	477	493	469	448	446	477	445	444	439	437	422	429	429	437	424	424	422	438	406	386	392	393	399	398	397	461	458	458	470	13564
HENRYS FORK CANALS																																
DEWEY	17	17	17	16	15	15	15	16	15	14	14	13	11	11	11	11	11	11	11	11	11	11	11	11	9	10	10	8	8	8	8	377
LAST CHANCE	51	50	54	54	54	53	52	52	52	52	52	51	26	27	27	27	27	27	26	41	40	42	42	42	42	43	44	44	34	34	34	1296
CROSS CUT	191	196	199	204	198	197	200	196	168	151	150	149	173	175	176	172	172	172	171	151	154	155	154	152	154	154	136	178	138	141	119	5196
ST. ANTHONY UNION	470	468	466	407	434	431	431	434	432	412	412	412	412	410	410	397	393	389	389	405	405	393	393	392	387	393	402	443	439	439	411	12911
FARMERS FRIEND	66	62	71	62	52	47	39	32	0	11	9	22	12	12	12	12	19	60	48	32	12	11	10	10	9	16	31	39	45	46	33	942
TWIN GROVES	130	134	144	146	139	134	133	125	67	114	102	99	95	95	96	97	88	98	84	79	77	73	73	73	70	70	81	91	120	105	113	3145
SALEM UNION	190	219	206	210	166	130	133	111	104	91	94	91	94	74	78	78	76	72	72	80	85	85	85	76	76	94	111	107	105	121	118	3432
TOTAL ASHTON TO ST. ANTHONY	1115	1146	1157	1099	1058	1007	1003	966	838	845	833	837	823	804	810	794	786	829	801	799	784	770	768	756	747	780	815	910	889	894	836	27299
EGIN	305	305	305	311	291	291	295	108	202	198	206	231	239	210	208	206	212	206	255	227	221	191	223	251	265	251	241	241	269	253	261	7478
ST. ANTHONY UNION FEEDER	64	79	81	78	67	86	84	46	79	78	83	82	84	46	59	62	70	61	57	71	73	69	64	65	60	66	73	70	67	68	80	2172
INDEPENDENT	250	232	193	178	128	129	142	79	112	112	112	97	126	126	126	142	140	141	146	151	153	129	109	109	123	151	183	15	278	278	271	4661
CONSOLIDATED FARMERS	216	198	198	160	136	135	135	139	139	140	140	140	142	142	143	145	143	142	135	142	140	139	138	136	134	132	168	168	162	165	171	4663
TOTAL ST. ANTHONY TO REXBURG	835	814	777	727	622	641	656	372	532	528	541	550	591	524	536	555	565	550	593	591	587	528	534	561	582	600	665	494	776	764	783	18974
TETON RIVER CANALS																																
SIDDOWAY	8	6	6	9	7	5	5	6	6	5	5	5	5	5	5	4	4	6	6	8	8	8	11	11	13	13	13	13	12	12	11	241
WILFORD	78	86	86	92	91	77	77	29	75	69	70	70	70	71	69	69	70	72	72	69	69	69	67	66	60	62	62	58	62	55	66	2158
TETON IRRIGATION	71	73	70	74	66	61	61	67	66	47	32	66	59	50	59	64	58	72	74	64	68	66	64	61	66	62	57	59	57	63	56	1933
GOOD LUCK	15	14	14	15	14	14	14	20	17	16	15	15	14	15	15	15	15	15	21	17	18	17	16	15	14	14	13	13	12	12	14	468
PIONEER	21	18	4	4	5	15	14	14	4	5	4	3	10	3	0	20	20	20	3	3	3	3	3	3	3	5	3	15	2	2	2	234
STEWART	22	21	19	26	22	18	21	23	21	19	20	20	18	18	11	11	21	12	13	12	9	9	9	9	9	9	9	9	9	9	10	468
PINCOCK-BYINGTON	13	12	12	12	11	11	11	11	10	14	13	12	11	10	10	10	10	9	10	9	12	11	10	9	9	8	8	7	7	7	9	310
PINCOCK-GARNER	3	7	8	8	7	7	6	11	9	13	12	11	10	10	7	7	7	5	6	6	16	14	13	8	8	8	9	9	8	8	14	275
GARDNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TETON ISLAND FEEDER	299	291	288	325	262	242	239	239	249	249	239	234	234	234	229	224	219	214	229	234	257	249	239	229	229	234	234	222	214	234	260	7529
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	12	12	12	17	16	14	11	15	15	19	9	8	8	8	8	7	7	8	6	9	16	15	14	13	10	9	8	9	6	5	7	333
ISLAND WARD	29	29	29	31	19	28	33	11	0	0	0	0	0	0	0	0	0	27	35	36	39	39	35	26	32	34	36	35	35	35	39	692
WOODMANSEE-JOHNSON	13	15	14	13	13	13	15	19	19	24	14	13	12	9	12	12	12	11	12	14	15	11	11	8	6	5	5	5	17	19	24	405
EAMES-THOMPSON	2	0	0	0	0	2	2	5	5	5	5	5	4	4	3	3	3	3	0	0	4	3	3	3	3	3	3	3	0	0	0	76
MCCORMICK-ROWE	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	124
CITY OF REXBURG	25	27	31	30	28	24	28	31	32	29	31	29	29	16	16	25	32	32	35	36	35	35	27	26	27	28	28	27	26	25	31	881
REXBURG IRRIGATION	170	199	205	210	201	172	210	145	143	154	140	141	136	135	133	130	123	118	118	134	150	154	152	134	132	136	142	142	135	131	145	4630
SAURY-SOMMERS	17	15	16	20	21	22	22	25	25	35	25	23	30	28	9	9	4	9	8	9	9	9	9	9	14	12	11	11	14	14	19	518
TOTAL	804	829	818	890	787	729	733	675	700	707	638	659	654	620	540	615	615	637	652	669	732	716	687	634	639	646	645	641	625	640	711	21335

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

PLATE NO. 20

SEPTEMBER 1945

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
FALL RIVER CANALS																															
YELLOWSTONE	5	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	131
MARYSVILLE	63	62	62	62	60	63	52	51	51	51	50	50	50	38	38	36	36	36	36	36	35	39	36	38	35	35	35	35	35	35	1338
TOTAL ABOVE SQUIRREL	68	66	66	66	64	68	57	56	56	56	55	55	54	42	42	40	40	40	40	40	39	44	41	40	39	39	39	39	39	39	1469
FARMERS OWN	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	450
ENTERPRISE	119	106	95	95	93	95	79	79	78	78	79	79	79	79	79	78	72	72	72	72	67	63	62	60	60	60	60	60	60	60	2290
BELL	10	10	9	9	9	9	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	8	8	8	8	8	275
FALL RIVER	164	164	164	164	164	164	173	239	225	269	269	269	269	269	269	269	269	269	269	269	250	250	246	246	240	240	240	200	200	200	6892
MCBEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHESTER	25	25	25	26	25	30	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197
SILKEY	1	3	3	3	3	3	3	3	3	3	3	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
CURR	16	23	30	29	30	30	34	35	33	32	32	32	32	32	32	32	32	31	1	1	1	1	1	1	1	1	1	1	1	1	559
TOTAL SQUIRREL TO CHESTER	350	346	341	341	339	346	355	381	364	407	407	407	407	406	406	403	397	396	366	366	342	338	334	332	326	324	324	284	284	284	10704
HENRYS FORK CANALS																															
DEWEY	10	11	11	11	11	10	12	12	12	12	12	12	12	12	12	12	12	12	12	3	0	0	0	0	0	0	0	0	0	0	223
LAST CHANCE	34	35	35	35	35	35	35	35	35	35	35	35	36	36	36	36	30	36	36	19	20	22	20	19	19	19	19	19	19	19	885
CROSS CUT	120	120	119	118	120	123	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	844
ST. ANTHONY UNION	410	415	420	374	377	374	377	377	379	379	385	385	379	382	340	300	271	271	271	274	260	245	244	242	240	220	220	220	220	220	9471
FARMERS FRIEND	33	28	21	21	20	20	24	32	37	42	45	42	42	41	43	42	42	42	49	49	49	0	0	0	0	0	0	0	0	0	764
TWIN GROVES	115	73	69	69	69	70	64	99	99	99	103	86	86	86	87	88	89	92	92	92	92	29	29	29	29	25	25	25	25	25	2060
SALEM UNION	120	125	131	131	131	131	135	135	120	106	56	56	56	56	56	56	56	56	56	57	57	57	56	54	54	54	54	54	54	54	2374
TOTAL ASHTON TO ST. ANTHONY	842	807	806	759	763	763	771	690	682	673	636	616	611	613	574	534	506	509	516	494	478	353	349	344	342	318	318	318	318	318	16621
EGIN	253	239	225	187	176	194	194	194	194	194	194	210	194	194	194	176	164	165	110	66	66	66	66	66	66	66	66	66	66	66	4377
ST. ANTHONY UNION FEEDER	81	89	97	38	39	51	55	47	46	46	49	49	33	36	23	24	24	27	28	23	14	14	13	13	13	13	13	13	13	13	1037
INDEPENDENT	214	202	191	165	165	165	167	169	169	169	173	169	124	124	124	102	102	103	58	38	37	36	36	36	36	36	36	36	36	36	3254
CONSOLIDATED FARMERS	149	150	150	152	153	153	154	121	120	120	120	120	120	120	120	120	120	120	94	94	85	75	74	72	72	72	72	72	72	72	3308
TOTAL ST. ANTHONY TO REXBURG	697	680	663	542	533	563	570	531	529	529	536	548	471	474	461	422	410	415	290	221	202	191	189	187	187	187	187	187	187	187	11976
TETON RIVER CANALS																															
SIDDOWAY	12	8	6	5	7	7	7	7	7	7	7	7	6	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	149
WILFORD	73	55	47	47	44	46	47	46	54	60	57	58	51	58	58	51	51	58	58	58	53	58	45	42	40	40	40	40	40	40	1515
TETON IRRIGATION	52	49	47	47	50	51	53	54	53	52	48	50	50	36	36	29	29	30	27	26	29	29	26	23	23	23	23	23	23	23	1114
GOOD LUCK	13	10	8	7	7	6	7	6	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	117
PIONEER	0	0	0	15	19	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	96
STEWART	9	9	9	9	8	8	8	8	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	194
PINCOCK-BYINGTON	9	7	6	6	6	6	6	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	145
PINCOCK-GARNER	14	12	10	10	9	10	11	10	10	10	10	8	8	8	8	8	7	8	9	8	8	9	9	8	8	8	8	8	8	8	270
GARDNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON ISLAND FEEDER	278	236	236	202	209	207	219	212	212	214	209	207	177	175	177	175	175	168	168	168	164	186	186	186	150	150	150	150	150	150	5641
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	11	9	11	11	7	8	8	10	10	11	11	12	12	11	11	12	12	11	11	11	12	14	14	14	10	10	10	10	10	10	324
ISLAND WARD	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
WOODMANSEE-JOHNSON	24	21	18	17	16	11	17	12	13	13	10	10	9	7	7	7	9	9	4	4	7	7	7	7	5	5	5	5	5	5	296
EAMES-THOMPSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	90
CITY OF REXBURG	25	28	28	29	27	31	24	25	18	15	13	7	8	23	23	21	20	20	20	20	17	17	18	18	14	14	14	14	14	14	574
REXBURG IRRIGATION	161	155	154	150	149	149	157	150	155	118	100	98	102	100	104	102	99	102	98	102	104	105	100	95	90	90	90	90	90	90	3449
SAURY-SOMMERS	20	22	22	22	19	19	17	16	16	14	16	16	16	8	8	8	7	7	7	7	8	7	7	7	7	7	7	7	7	7	358
TOTAL	789	624	605	579	575	565	587	568	568	533	500	492	457	447	453	435	431	435	424	426	425	455	435	423	366	365	363	365	365	365	14342

HENRY

DATE	HENRYS LAKE CONTENTS ACRE-FEET	HENRYS FORK NEAR LAKE STORED	HENRYS FORK NEAR LAKE NORMAL	HENRYS FORK NEAR LAKE TOTAL	STORED LOSS LAKE TO ISLAND PARK	STORAGE DIVERSIONS ABOVE ISLAND PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISLAND PARK RESERVOIR
JULY 10	81,901			71			12	12
11	81,901			71			12	12
12	82,029			72			12	12
13	82,029			74			12	12
14	82,029			75			12	12
15	81,773			73			12	12
16	81,773			71			12	12
17	81,518			71			12	12
18				72			12	12
19	81,901			72			12	12
20	81,645			76			12	12
21	81,645			80			12	12
22	81,645			80			12	12
23	81,262			77			12	12
24				73			12	12
25	81,198			73			12	12
26	81,007	0	73	73	0		12	12
27	81,007	127	65	192	5		12	134
28	80,242	295	60	355	12		12	295
29	79,732	286	55	341	11	0	12	287
30	78,846	276	50	326	11	2	12	275
31	78,090	269	48	317	11	2	12	268
AUG. 1	77,586	264	46	310	10	4	12	262
2	76,830	252	44	306	10	4	12	260
3	76,200	259	42	301	10	4	12	257
4	75,822	259	40	299	10	4	12	257
5	75,318	258	38	296	10	4	12	256
6	74,562	251	37	288	10	4	12	249
7	74,058	251	36	287	10	4	12	249
8	73,806	248	35	283	10	4	12	246
9	73,176	247	34	281	10	4	12	245
10	72,802	245	34	279	10	4	12	243
11	72,307	246	33	279	10	4	12	244
12		246	33	279	10	4	12	244
13		244	32	276	10	4	12	242
14		244	32	276	10	4	12	242
15		242	32	274	10	4	12	240
16		243	31	274	10	4	12	241
17		243	31	274	10	4	12	241
18		239	31	270	10	4	12	237
19		240	30	270	10	4	12	236
20		240	30	270	10	4	12	238
21	67,481	240	30	270	10	4	12	238
22	67,110	240	29	269	10	4	12	238
23		198	29	227	8	4	12	198
24		89	28	117	3	4	12	94

DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FEET	HENRYS FORK NEAR ISLAND PARK STORED	HENRYS FORK NEAR ISLAND PARK NORMAL	HENRYS FORK NEAR ISLAND PARK TOTAL	STORED LOSS ISLAND PARK TO ASHTON
JULY 11	133,590	-18	566	548	0
12	133,590	-18	570	552	-1
13	133,750	-18	580	562	0
14	133,510	-18	585	567	-1
15	133,670	-18	585	567	0
16	133,750	-18	594	576	-1
17	133,190	-18	585	567	0
18	133,510	-18	556	538	0
19	133,590	22	511	533	1
20	133,510	158	500	658	4
21	133,110	290	497	787	7
22	132,710	249	494	743	6
23	132,150	255	493	748	6
24	131,670	320	491	811	8
25	130,960	425	490	915	11
26	129,930	496	460	956	12
27	128,985	511	450	961	13
28	127,965	526	430	956	13
29	127,265	510	430	940	13
30	126,795	570	427	997	14
31	126,175	655	425	1080	16
AUG. 1	125,165	765	425	1190	19
2	124,090	765	425	1190	19
3	123,020	749	441	1190	19
4	122,110	740	450	1190	19
5	120,970	750	440	1190	19
6	119,760	750	440	1190	19
7	118,860	740	460	1200	19
8	118,115	730	460	1190	18
9	117,295	670	460	1130	17
10	116,555	600	450	1050	15
11	115,815	550	500	1050	14
12	115,080	530	520	1050	13
13	114,715	520	530	1050	13
14	114,135	500	540	1040	12
15	113,405	500	540	1040	12
16	112,890	510	540	1050	13
17	112,240	520	530	1050	13
18	111,520	520	520	1040	13
19	110,800	530	520	1050	13
20	110,870	513	527	1040	13
21	110,300	550	490	1040	14
22	109,655	580	470	1050	14
23	109,230	537	460	997	13
24	108,660	400	460	860	10
25	107,950	410	455	865	10

DATE	HENRYS FORK NEAR ASHTON STORED	HENRYS FORK NEAR ASHTON NORMAL	HENRYS FORK NEAR ASHTON TOTAL	GRASSY LAKE STORAGE RELEASE (A)	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY (B)	HENRYS AT ST. A STORED	HENRYS AT ST. A NORM
JULY 12	-18	1438	1420			-18	11
13	-17	1487	1470			-17	10
14	-18	1438	1420			-18	9
15	-17	1467	1450			-17	10
16	-18	1468	1450			-18	9
17	-17	1457	1440			-17	10
18	-18	1408	1390			-18	9
19	-18	1378	1360			-18	9
20	21	1319	1340			21	9
21	154	1446	1600		318	-164	9
22	283	1277	1560		218	64	9
23	243	1277	1520		240	3	9
24	249	1331	1580		253	-4	9
25	312	1288	1600		356	-44	9
26	414	1356	1770		317	-103	9
27	484	1246	1730		320	-36	9
28	498	1252	1750		328	-30	9
29	513	1237	1750		343	-50	9
30	497	1223	1720		488	9	9
31	556	1214	1770		359	-3	9
AUG. 1	639	1321	1960		545	84	9
2	746	1294	2040		558	188	9
3	746	1354	2100		574	172	9
4	730	1370	2100		575	155	9
5	721	1319	2040		522	199	9
6	731	1289	2020		520	211	9
7	731	1329	2060		512	219	9
8	721	1339	2060		514	207	9
9	712	1328	2040		244	468	9
10	653	1177	1830		230	403	9
11	585	1245	1830		24	344	9
12	536	1274	1810		251	285	9
13	517	1323	1840		240	277	9
14	507	1283	1790		390	117	9
15	488	1282	1770		374	114	9
16	488	1342	1830		396	93	9
17	497	1333	1830		393	104	9
18	507	1263	1770		435	72	9
19	507	1353	1860		448	59	9
20	517	1403	1920		439	78	9
21	500	1360	1860		212	288	9
22	536	1254	1790		208	328	9
23	568	1244	1810		206	346	9
24	524	1136	1660		203	321	9
25	390	1220	1610		208	182	9
26	400	1230	1630		113	187	9

HENRYS FORK — DAILY SEGREGATION OF FLOW

24 HOUR SECOND-FEET EXCEPT AS NOTED

STORED LOSS ISLAND PARK TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE (A)	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY (B)	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	STORAGE DIVERSIONS TETON RIVER	DATE	HENRYS FORK NEAR REXBURG		
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL
0	JULY 12	-18	1438	1420			-18	1168	1150						
-1	13	-17	1487	1470			-17	1087	1070			JULY 13	-18	2248	2230
0	14	-18	1438	1420			-18	980	962			14	-17	2067	2050
-1	15	-17	1467	1450			-17	1011	994			15	-18	1958	1940
0	16	-18	1468	1450			-18	1028	1010			16	-17	1977	1960
-1	17	-17	1457	1440			-17	1027	1010			17	-18	1988	1970
0	18	-18	1408	1390			-18	905	887			18	-17	1927	1910
0	19	-18	1378	1360			-18	785	767			19	-18	1728	1710
1	20	21	1319	1340			21	663	684			20	-18	1528	1510
4	21	154	1446	1600		318	-164	931	767		77	21	-56	1426	1370
7	22	283	1277	1560		219	64	812	876		75	22	-239	1489	1250
6	23	243	1277	1520		240	3	793	796		60	23	4	1206	1210
6	24	249	1331	1580		253	-4	743	739		59	24	-56	1226	1170
8	25	312	1288	1600		356	-44	820	776		56	25	-60	1190	1130
11	26	414	1356	1770		517	-103	969	866	35	56	26	-100	1190	1090
12	27	484	1246	1730		520	-36	933	897	0	53	27	-191	1187	996
13	28	498	1252	1750		528	-30	938	908	0	60	28	-96	1000	904
13	29	513	1237	1750		563	-50	937	887	0	351	29	-381	1248	867
13	30	497	1223	1720		488	9	847	856	6	310	30	-360	1245	885
14	31	556	1214	1770		559	-3	849	846	255	236	31	-233	1041	808
16	AUG. 1	639	1321	1960		555	84	878	962	266	272	AUG. 1	-530	1316	786
19	2	746	1294	2040		558	188	842	1030	232	204	2	-386	1241	855
19	3	746	1354	2100		574	172	948	1120	193	216	3	-260	1223	963
19	4	730	1370	2100		575	155	1155	1310	178	220	4	-241	1431	1190
19	5	721	1319	2040		522	199	1061	1260	128	239	5	-262	1692	1430
19	6	731	1289	2020		520	211	1009	1220	129	214	6	-143	1603	1460
19	7	731	1329	2060		512	219	1061	1280	142	177	7	-95	1515	1420
19	8	721	1339	2060		514	207	1163	1370	79	181	8	-104	1864	1760
18	9	712	1328	2040		244	468	912	1380	0	137	9	-9	1919	1910
17	10	653	1177	1830		250	403	847	1250	0	114	10	354	1566	1920
15	11	585	1245	1830		241	344	846	1190	0	114	11	289	1541	1830
14	12	536	1274	1810		251	285	915	1200	0	74	12	270	1530	1800
13	13	517	1323	1840		240	277	963	1240	0	63	13	222	1588	1810
13	14	507	1283	1790		390	117	1103	1220	126	53	14	224	1606	1830
12	15	488	1282	1770		374	114	1106	1220	126	51	15	-60	1870	1810
12	16	488	1342	1830		396	92	1158	1250	142	60	16	-72	1852	1780
13	17	497	1333	1830		393	104	1146	1250	140	72	17	-122	1842	1720
13	18	507	1263	1770		435	72	1078	1150	141	82	18	-118	1758	1640
13	19	507	1353	1860		448	59	1201	1260	146	95	19	-164	1714	1550
13	20	517	1403	1920		439	78	1412	1490	151	104	20	-191	1891	1700
14	21	500	1360	1860		212	288	1192	1480	0	103	21	-176	2096	1920
14	22	536	1254	1790		208	328	1052	1380	0	144	22	144	1796	1940
13	23	566	1244	1810		206	360	1010	1370	0	104	23	224	1666	1890
10	24	524	1136	1660		203	321	969	1290	0	84	24	276	1504	1780
10	25	390	1220	1610		208	182	1058	1240	0	50	25	271	1309	1580
	26	400	1230	1630		213	187	1103	1290	0	52	26	130	1450	1560
											54	27	133	1377	1510

DATE	HENRYS LAKE CONTENTS ACRE-FEET	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	STORAGE DIVERSIONS ABOVE ISLAND PARK
		STORED	NORMAL	TOTAL		
AUG. 25		101	28	129	4	4
26	66,315	101	27	128	4	4
27	66,254	84	27	111	4	4
28	66,011	50	26	76	2	4
29	65,890	40	26	66	2	4
30	65,890	41	25	66	2	4
31		41	25	66	1	4
SEPT. 1	65,708	41	24	65	2	4
2		34	23	57	1	4
3		35	22	57	1	4
4		36	21	57	1	4
5		37	20	57	1	2
6		38	19	57	1	0
7		39	18	57	2	
8		39	17	56	1	
9		39	17	56	2	
10		39	16	55	1	
11		39	17	56	2	
12		39	17	56	1	
13		39	17	56	2	
14		39	17	56	1	
15		41	17	58	2	
16		38	17	55	1	
17		38	17	55	2	
18		38	17	55	1	
19		0	55	55	0	
20	64,067					
21						
TOTAL		8137			325	14

(A) LISTED HERE ONE DAY LATER THAN

(B) INCLUDES STORAGE DIVERSIONS FRO

LY SEGREGATION OF FLOW 1945

HOUR SECOND-FEET EXCEPT AS NOTED

RYS FORK REXBURG	
NORMAL	TOTAL
2248	2230
2067	2050
1958	1940
1977	1960
1988	1970
1927	1910
1728	1710
1528	1510
1426	1370
1489	1250
1206	1210
1226	1170
1190	1130
1190	1090
1187	996
1000	904
1248	867
1245	885
1041	808
1316	786
1241	855
1223	963
1431	1190
1692	1430
1603	1460
1515	1420
1864	1760
1919	1810
1566	1520
1541	1830
1530	1800
1888	1810
1806	1830
1770	1810
1752	1780
1742	1720
1658	1640
1614	1550
1791	1700
1996	1920
1996	1940
1866	1890
1804	1780
1609	1580
1630	1560
1577	1510

DATE	HENRYS LAKE CONTENTS ACRE-FEET	HENRYS FORK NEAR LAKE STORED	NORMAL	TOTAL	STORED LOSS LAKE TO ISLAND PARK	STORAGE DIVERSIONS ABOVE ISLAND PARK	F.M.DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISLAND PARK RESERVOIR
AUG.25		101	28	129	4	4	12	105
26	66,315	101	27	128	4	4	12	105
27	66,254	84	27	111	4	4	12	88
28	66,011	50	26	76	2	4	12	56
29	65,890	40	26	66	2	4	12	46
30	65,890	41	25	66	2	4	12	47
31		41	25	66	1	4	12	48
SEPT. 1	65,708	41	24	65	2	4	12	47
2		34	23	57	1	4	12	41
3		35	22	57	1	4	12	42
4		36	21	57	1	4	12	43
5		37	20	57	1	2	12	46
6		38	19	57	1	0	12	49
7		39	18	57	2		12	49
8		39	17	56	1		12	50
9		39	17	56	2		12	49
10		39	16	55	1		12	50
11		39	17	56	2		12	49
12		39	17	56	1		12	50
13		39	17	56	2		12	49
14		39	17	56	1		12	50
15		41	17	58	2		12	51
16		38	17	55	1		12	49
17		38	17	55	2		12	48
18		38	17	55	1		12	49
19		0	55	55	0		0	0
20	64,067							
21								
TOTAL		8137			325	146	852	8518

DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FEET
AUG.26	107,245
27	106,545
28	105,845
29	105,360
30	104,250
31	103,765
SEPT. 1	102,730
2	101,235
3	99,680
4	97,940
5	96,155
6	94,585
7	93,095
8	91,490
9	89,785
10	88,215
11	86,235
12	84,355
13	82,255
14	80,430
15	78,345
16	76,470
17	74,910
18	72,180
19	69,180
20	66,345
21	63,710
22	61,825
23	59,540
24	57,120
25	56,775

HENRYS FORK NEAR ISLAND PARK STORED	NORMAL	TOTAL	STORED LOSS ISLAND PARK TO ASHTON
410	455	865	10
410	450	860	10
410	450	860	10
465	450	915	12
529	491	1020	13
570	450	1020	14
760	420	1180	19
915	415	1330	23
915	415	1330	23
915	415	1330	23
920	410	1330	23
910	420	1330	23
910	410	1320	23
912	408	1320	23
912	408	1320	23
1012	408	1420	25
1100	420	1520	27
1070	450	1520	26
1050	470	1520	26
1030	470	1500	25
1030	470	1500	25
1030	470	1500	25
1290	470	1760	32
1530	480	2010	38
1520	480	2000	38
1453	527	1980	36
1010	950	1960	25
1050	900	1950	26
1076	864	1940	27
360	850	1210	9
0	684	684	0
47,246			1176

DATE	HENRYS FORK NEAR ASHTON STORED	NORMAL	TOTAL	GRASSY LAKE STORAGE RELEASE (A)	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY (B)
AUG. 27	400	1210	1610		
28	400	1210	1610		
29	400	1210	1610		
30	453	1387	1840		
31	516	1344	1860		
SEPT. 1	556	1274	1830		
2	741	1399	2140		
3	892	1308	2200		
4	892	1308	2200		
5	892	1308	2200		
6	897	1303	2200	0	
7	887	1353	2240	101	
8	887	1233	2120	102	
9	889	1271	2160	102	
10	889	1251	2140	102	
11	987	1353	2340	102	
12	1073	1267	2340	102	
13	1044	1276	2320	102	
14	1024	1276	2300	102	
15	1005	1315	2320	91	
16	1005	1335	2340	0	
17	1005	1415	2420		
18	1258	1632	2890		
19	1492	1418	2910		
20	1482	1378	2860		
21	1417	1553	2970		
22	985	2205	3190		
23	1024	2056	3080		
24	1049	1841	2890		
25	351	1259	1610		
26	0	1500	1500		
	46,070				906

(A) LISTED HERE ONE DAY LATER THAN AT DAM.

(B) INCLUDES STORAGE DIVERSIONS FROM FALL RIVER.

945

PLATE NO. 21

STORAGE INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FEET	HENRYS FORK NEAR ISLAND PARK			STORED LOSS ISLAND PARK TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE (A)	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY (B)	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	STORAGE DIVERSIONS FROM TETON RIVER	DATE	HENRYS FORK NEAR REXBURG		
			STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL
105	AUG. 26	107,245	410	455	865	10	AUG. 27	400	1210	1610		229	171	979	1150	0	61	AUG. 28	110	1210	1320
105	27	106,545	410	450	860	10	28	400	1210	1610		342	58	982	1040	15	60	29	-17	1047	1030
88	28	105,845	410	450	860	10	29	400	1210	1610		335	65	929	994	278	76	30	-289	1239	950
56	29	105,360	465	450	915	12	30	453	1387	1840		340	113	1007	1120	278	71	31	-236	1396	1160
46	30	104,250	529	491	1020	13	31	516	1344	1860		567	-51	1351	1300	362	94	SEPT. 1	-307	2037	1530
47	31	103,765	570	450	1020	14	SEPT. 1	556	1274	1830		434	122	1188	1310	283	76	2	-237	1847	1610
48	SEPT. 1	102,730	760	420	1180	19	2	741	1399	2140		297	444	1066	1510	202	61	3	181	1629	1810
47	2	101,235	915	415	1330	23	3	892	1308	2200		279	613	1047	1660	191	56	4	366	1524	1890
41	3	99,680	915	415	1330	23	4	892	1308	2200		280	612	1048	1660	165	53	5	394	1516	1910
42	4	97,940	915	415	1330	23	5	892	1308	2200		274	618	1042	1660	165	53	6	400	1520	1920
43	5	96,155	920	410	1330	23	6	897	1303	2200	0	284	613	1087	1700	165	28	7	429	1620	2040
46	6	94,585	910	420	1330	23	7	887	1353	2240	101	274	714	1126	1840	167	36	8	511	1639	2150
49	7	93,095	910	410	1320	23	8	887	1233	2120	102	241	748	1152	1900	169	53	9	526	1504	2030
49	8	91,490	912	408	1320	23	9	889	1271	2160	102	245	746	1024	1770	169	57	10	520	1500	2020
50	9	89,785	912	408	1320	23	10	889	1251	2140	102	250	741	989	1730	169	33	11	539	1571	2110
49	10	88,215	1012	408	1420	25	11	987	1353	2340	102	252	837	1103	1940	173	33	12	831	1609	2240
50	11	86,235	1100	420	1520	27	12	1073	1267	2340	102	249	926	1094	2020	169	30	13	727	1573	2300
49	12	84,355	1070	450	1520	26	13	1044	1276	2320	102	249	897	1143	2040	124	30	14	743	1587	2330
50	13	82,255	1050	470	1520	26	14	1024	1276	2300	102	236	890	1130	2020	124	28	15	738	1612	2350
49	14	80,430	1030	470	1500	25	15	1005	1315	2320	91	237	859	1221	2080	124	29	16	706	1684	2390
50	15	78,345	1030	470	1500	25	16	1005	1335	2340	0	233	772	1288	2060	102	28	17	642	1788	2430
51	16	76,470	1030	470	1500	25	17	1005	1415	2420		227	778	1322	2100	102	0	18	676	1914	2590
49	17	74,910	1290	470	1760	32	18	1258	1632	2890		0	1258	1392	2650	0		19	1258	1682	2940
48	18	72,180	1530	480	2010	38	19	1492	1418	2910			1492	1258	2750			20	1492	1628	3120
49	19	69,180	1520	480	2000	38	20	1482	1378	2860			1482	1238	2720			21	1482	1788	3270
0	20	66,345	1453	527	1980	36	21	1417	1553	2970			1417	1473	2890			22	1417	2203	3620
	21	63,710	1010	950	1960	25	22	985	2205	3190			985	2445	3430			23	985	2945	3930
	22	61,825	1050	900	1950	26	23	1024	2056	3080			1024	2206	3230			24	1024	2936	3960
	23	59,540	1076	864	1940	27	24	1049	1841	2890			1049	2061	3110			25	1049	2621	3670
	24	57,120	360	850	1210	9	25	351	1259	1610			351	1649	2000			26	351	2479	2830
	25	56,775	0	684	684	0	26	0	1500	1500			0	1820	1820			27	0	2700	2700
8			47,246			1176		46,070			906	20,596	26,380			6311	5772		14,297		

STORAGE DIVERSIONS ON

24 HOUR SECON

NAME OF CANAL	NO.	JULY										AUGUST																				
		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
USERS ABOVE ISLAND PARK	1																																	
CONANT CREEK CANAL	2														2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
R.B. PETERSON (CONANT CREEK)	3					26	29	29	29	26	26	26	26	27	27	28	27	27	27	28	26	26	27	14	28	23	23	22	22	22	21	21	20	20
SQUIRREL CREEK CANAL	4																																	
YELLOWSTONE CANAL	5					4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	0												
MARYSVILLE CANAL	6										4	4	4	4	4	4	5	4	5	7	6	6	9	10	0				0	5	5	5	4	4
FARMERS OWN CANAL	7										159	161	164	172	173	175	172	171	172	168	149	159	158	172	0				0	119	112	116	116	116
ENTERPRISE CANAL	8					41	33	35	37	71	69	68	68	67	66	66	63	63	61	63	63	59	57	49	8	7	0	0	24	24	24	25	25	25
BELL CANAL	9					134	131	128	128	130	128	130	137	137	137	137	137	137	139	146	136	136	136	145	141	143	143	143	145	145	145	149	144	144
FALL RIVER CANAL	10																																	
MCBEE CANAL	11																																	
CHESTER CANAL	12																																	
SILKEY CANAL	13									21	20	19	8	8	8	16	15	23	24	27	19	19	19	24	0				0	25	21	20	21	21
CURR CANAL	14																																	
DEWEY CANAL	15							22	22	14	13	14	13	14	17	17	17	17	17	16	15	15	15	16	15	14	14	13	11	11	11	11	11	11
LAST CHANCE CANAL	16									53	52	52	51	53	52	50	51	50	54	54	54	53	52	52	52	52	52	51	26	27	27	27	27	27
ST. ANTHONY UNION CANAL	17																																	
FARMERS FRIEND CANAL	18					113	22	22	33	37	42	42	53	77	0	62	66	62	71	62	52	47	39	32	0	11	9	22	12	12	12	12	12	12
TWIN GROVES CANAL	19																																	
SALEM UNION CANAL	20																																	
TOTAL ASHTON TO ST. ANTHONY	21					318	219	240	253	356	517	520	528	563	488	559	555	558	574	575	522	520	512	514	244	250	241	251	240	390	374	396	396	396
EGIN CANAL	22										35	0			0	249	250	232	193	178	128	129	142	79	0				0	126	126	126	126	126
INDEPENDENT CANAL	23														6	6	16																	
CONSOLIDATED FARMERS CANAL	24																																	
TOTAL ST. ANTHONY TO REXBURG	25										35	0			6	255	266	232	193	178	128	129	142	79	0				0	126	126	126	126	126

ORAGE DIVERSIONS ON HENRYS FORK AND FALL RIVER 19

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST

	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
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	27	27	27	28	26	26	27	14	28	23	23	22	22	22	21	21	20	20	21	23	11	10	9	8	10	10	13	13	11	12	12
	4	4	4	4	2	0																									2
	5	4	5	7	6	6	9	10	0				0	5	5	5	4	4	5	6	0						0	4	4	4	5
	172	171	172	168	149	159	158	172	0				0	119	102	116	116	120	146	135	0						0	63	63	63	65
	63	63	61	63	63	59	57	49	8	7	0	0	24	24	24	25	25	25	25	16	0						0	14	15	15	15
	137	137	139	146	136	136	136	145	141	143	143	143	145	145	145	149	144	142	139	136	138	134	134	132	138	134	131	130	129	131	131
	13	23	24	27	19	19	19	24	0				0	25	27	30	27	26	27	39	0						0	27	26	27	31
	17	17	17	16	15	15	15	16	15	14	14	13	11	11	11	11	11	11	11	11	11	11	11	11	9	10	10	8	8	8	8
	51	50	54	54	54	53	52	52	52	52	52	51	26	27	27	27	27	27	26	41	40	42	42	42	42	43	44	44	34	34	34
	66	62	71	62	52	47	39	32	0	11	9	22	12	12	12	12	19	60	48	32	12	11	10	10	9	16	31	39	45	46	33
																															113
																															118
	555	558	574	575	522	520	512	514	244	250	241	251	240	390	374	396	393	435	448	439	212	208	206	203	208	213	229	342	335	340	567
	50	232	193	178	128	129	142	79	0				0	126	126	142	140	141	146	151	0						0	15	278	278	271
	16																														91
	66	232	193	178	128	129	142	79	0				0	126	126	142	140	141	146	151	0						0	15	278	278	362

SEPTEMBER

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	4	4	4	4	2										
	14	12	12	12	12	12	12	12	12	12	11	11	11	11	
	2	2													
	5	4	4	4	4	5	5	5	5	5	5	5	4	4	
	63	62	62	62	60	63	52	51	51	51	50	50	50	38	
	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
	119	106	95	95	93	95	79	79	78	78	79	79	79	79	
	24	24	24	25	24	29	40	0							
	10	11	11	11	11	10	12	12	12	12	12	12	12	12	
	34	35	35	35	35	35	35	35	35	35	35	35	36		
	33	28	21	21	20	20	24	32	37	42	45	42	42		
	33	115													
	434	297	279	280	274	284	274	241	245	250	252	249	249		
	214	202	191	165	165	165	167	169	169	169	173	169	124		
	69														
	283	202	191	165	165	165	167	169	169	169	173	169	124		

PLATE NO. 22

FORK AND FALL RIVER 1945

AS NOTED

NO.	27	28	29	30	31	Sept. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	4	4	4	4	4	4	4	4	4	2													
2	13	13	11	12	12	14	12	12	12	12	12	12	12	12	12	11	11	11	11	10	10	10	0
3					2	2																	
4																							
5	0	4	4	4	5	5	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	0
6	0	63	63	63	65	63	62	62	62	60	63	52	51	51	51	50	50	50	38	38	36	36	0
7	0	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0
8	31	130	129	131	131	119	106	95	95	93	95	79	79	78	78	79	79	79	79	79	78	72	0
9																							
10																							
11																							
12	0	27	26	27	31	24	24	24	25	24	29	40	0										
13																							
14																							
15	10	8	8	8	8	10	11	11	11	11	10	12	12	12	12	12	12	12	12	12	12	12	0
16	44	44	34	34	34	34	35	35	35	35	35	35	35	35	35	35	35	36	36	36	36	36	0
17																							
18	31	39	45	46	33	33	28	21	21	20	20	24	32	37	42	45	42	42	41	43	42	42	0
19					113	115																	
20					118																		
21	29	342	335	340	567	434	297	279	280	274	284	274	241	245	250	252	249	249	236	237	233	227	0
22																							
23	0	15	278	278	271	214	202	191	165	165	165	167	169	169	169	173	169	124	124	124	102	102	0
24					91	69																	
25	0	15	278	278	362	283	202	191	165	165	165	167	169	169	169	173	169	124	124	124	102	102	0

NO.	TOTAL SECOND-FEET	TOTAL ACRE FEET	RESERVOIR RIGHTS IN ACRE-FEET: F.M. DIST. ALLOTMENT	F.M. DIST. SUPPLEMENT	HENRYS LAKE	AMERICAN FALLS	TOTAL RIGHT	HEADGATE EQUIVALENT
1	146	290				① 290	290	290
2	1082	2146	2186	546			2732	2664
3	4	8	30	7			37	36
4	62	122	100	25			125	122
5	203	403	1617				1617	1577
6	4308	8545	18,755			① 200	18,955	18,482
7	1616	3205	8650				8650	8434
8	7208	14,297				② 19,657	19,657	18,230
9	0	0	50				50	49
10	0	0	8396				8396	8187
11	0	0	80				80	78
12	770	1527	1312	328			1640	1600
13	0	0	503				503	490
14	0	0	60				60	58
15	719	1426	619		1112		1731	1645
16	2258	4479	1773		10,823		12,596	11,860
17	0	0	3480		5304		8784	8358
18	2020	4007	5771			① 110	5881	5734
19	228	452	6163				6163	6010
20	118	234	8118		18,879		26,997	25,589
21	20,596	40,851	67,663	906	36,118	19,967	124,654	119,203
22	0	0	2401	0	5304		7705	7306
23	6123	12,145	9077		20,906		29,983	28,420
24	188	373	5098		15,679		20,777	19,650
25	6311	12,518	16,576		41,889		58,465	55,376

① RENTED FROM BUREAU OF RECLAMATION.

② 12,000 A.F. OWNED RIGHT PLUS 7657 LEASE.

DAILY STORAGE DIVERSIONS

24 HOUR SECOND-F

CANAL	NO.	JULY 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AUGUST 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
TRAIL CREEK IRRIGATION COMPANY	1																																				
STRING CANAL	2			91	88	72	70	55	55	50	36	25	12	24	29	69	60	65	62	62	56	54	52	43	38	0			0	34	45	43	42	45	41	41	0	
GRAND TETON CANAL	3			9	9	9	9	9	9	9	9	10	10	11	11	14	7	7	7	7	10	10	13	13	13	6	6	6	6	8	8	7	7	3	3	3	3	
SOUTH LEIGH CREEK CANALS	4			34	34	24	24	34	34	34	34	34	34	34	17	18	0														0	4	4	4	4	4	0	
NORTH LEIGH & SPRING CREEK CANALS	5														12	20	22	20	17	25	13	14	9	4	4	4	4	0		14	14	14	14	4	4	13	0	
CACHE CANAL	6															9	9	10	17	17	27	28	29	25	15	16	4	14	14		9	2	2	2	2	2	2	
TOTAL DIVERTED	7			134	131	105	103	98	98	93	79	69	56	69	69	132	102	106	107	115	110	107	103	89	75	30	18	20	20	56	67	72	69	58	56	65	5	
EQUIVALENT AT ST. ANTHONY GAGE ①	8	②			77	75	60	59	56	56	53	45	40	32	39	39	75	58	61	61	66	63	61	59	51	45	17	10	11	11	32	38	41	40	33	32	37	
CANYON CREEK CANAL	9	②										15	15	15	14	14	13	13	13	12	12	11	11	11	10	12	12	11	11	12	11	11	11	9	9	9	10	
SIDDOWAY CANAL	10												78	70	0	75	10	18	18	24	23	9	9	0	7	0												
WILFORD CANAL	11												16	7	6	6	5	4	4	5	4	4	4	10	7	6	5	5	4	5	5	5	5	5	11	7	5	
GOOD LUCK CANAL	12												18	11	15	13	10	7	0	0	0	4	3	3	0							0	8	0				
TETON IRRIGATION CANAL	13												19	15	16	13	13	12	10	17	13	9	12	14	12	10	11	11	9	3	2	2	12	8	4	3	
PIONEER CANAL	14												0	3	3	2	2	0	0	0	0	2	2	5	5	5	5	5	4	4	3	3	3	3	0	0	
STEWART CANAL	15																															1	1				
THOMPSON-EAMES CANAL	16												4	3	0	0	6	5	5	5	4	4	4	4	3	7	6	5	4	3	3	3	3	2	3	2	
GARDNER CANAL	17												10	8	2	0									0	4	3	2	1	1	0					0	
PINCOCK-BYINGTON CANAL	18																																	0	27	35	36
PINCOCK-GARNER CANAL	19												38	48	42	39	29	29	29	31	19	28	33	11	0												
TETON ISLAND FEEDER	20																																				
ROXANA CANAL	21												9	2	8	3	0	0	4	3	1	0	1	4	3	2	4	2	2	0	0	0	5	5	8	9	
ISLAND WARD CANAL	22												102	94	89	66	40	69	75	80	71	42	40	15	13	24	10	11	6	3	3	0	0	0	0	4	
WOODMANSEE-JOHNSON CANAL	23												2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CITY OF REXBURG	24																																				
REXBURG IRRIGATION	25												296	263	183	219	116	145	146	166	136	103	109	67	53	59	45	42	31	28	17	23	30	46	62	62	
MCCORMICK-ROWE CANAL	26																																				
TOTAL BELOW ST. ANTHONY GAGE	27																																				
TOTAL TETON RIVER	28				77	75	60	59	56	56	53	60	351	310	236	272	204	216	220	239	214	177	181	137	114	114	74	63	53	51	60	72	82	95	104	10	

① DIVERSIONS DIVIDED BY 1.75.

② LISTED HERE ONE DAY LATER THAN ACTUAL DIVERSION.

ILY STORAGE DIVERSIONS FROM TETON RIVER 1945

24 HOUR SECOND-FEET EXCEPT AS NOTED

											AUGUST																			SEPTEMBER																	
	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
											0	34	45	45	42	43	41	41	0						0	40	39	37	39	39	39	41	43	0	0	42	40	41	41	36	36	34	36	35	
	62	62	56	54	52	43	38	0			6	8	8	7	7	5	5	5	3	0																									
	7	7	10	10	13	13	13	6	6	6	6																																		
													0	4	4	4	4	4	0																									
	17	25	13	14	9	4	4	4	4	0																																			
	17	17	27	25	25	25	16	16	4	14	14	14	14	14	14	4	4	13	0						0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	4	4	4	4	4	4	4	4	4	0			0	2	2	2	2	2	2	2																									
	07	115	110	107	103	89	75	30	18	20	20	56	67	72	69	58	56	65	5	2	0	0	0	0	0	42	41	39	41	41	41	43	45	2	2	44	42	43	43	38	38	36	38	37	
	61	61	66	63	61	59	51	43	17	10	11	11	32	38	41	40	33	32	37	3	1	0	0	0	0	0	24	23	22	23	23	23	25	26	1	1	25	24	25	25	22	22	21	22	2
	3	12	12	11	11	11	10	12	12	11	11	12	11	11	11	9	9	9	10	10	9	9	9	9	9	9	9	9	9	3	10	9	8	8	8	8	8	8	8	8	8	8	7	7	
	8	24	23	9	9	0	7	0																																					
	4	5	4	4	4	10	7	6	5	5	4	5	5	5	5	5	11	7	8	7	6	5	4	4	3	3	2	2	4	3	0														
	0	0	0	4	3	3	0						0	8	0																													
	0	17	13	9	12	14	12	10	11	11	9	9	2	2	12	3	4	3	0																											
	0	0	0	2	2	5	5	5	5	5	4	4	3	3	3	3	0	0	4	3	3	3	2	0																							
														1	1																															
	5	4		4	4	4	3	7	6	5	4	3	3	3	3	2	3	2	5	4	3	2	2	0																							
							0	4	3	2	1	1	0					0	12	5	4	0							0	5	3	0		0													
	31	19		28	33	11	0								0	27	35	36	39	39	35	26	32	34	36	35	35	35	39	5	0														
	3	1		0	1	4	5	2	4	2	2	0	0	0	5	5	8	9	8	8	0						0	4	0																	
	80	71		42	40	15	13	24	10	11	6	5	3	0	0	0	0	4	20	24	22	4	2	6	12	12	5	1	15	31	25	24	20	19	19	27	20	25	0						
	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	0																
	166	136		103	109	67	53	59	45	42	31	28	17	23	30	46	62	62	97	91	74	41	43	45	52	51	43	39	63	44	28	24	20	19	19	27	20	25	0						
	239	214		177	181	137	114	114	74	63	53	51	60	72	82	95	104	103	144	104	84	50	52	54	61	60	76	71	94	76	61	56	53	53	28	36	53	57	33	33	30	30	28	29	

OM TETON RIVER 1945

EPT AS NOTED

26	27	28	29	30	31	SEPTEMBER 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	NO.	TOTAL SECOND-FEET	TOTAL ACRE-FEET	FREMONT-MADISON ALLOTMENT ACRE-FEET	FREMONT-MADISON SUPPLEMENT ACRE-FEET	AMERICAN FALLS RENTALS ACRE-FEET	TOTAL IN RESERVOIR ACRE-FEET	HEADGATE EQUIVALENT ACRE-FEET
	0	40	39	37	39	39	39	41	43	0	0	42	40	41	41	36	36	34	36	35				1	2117	4199					
																								2	287	569	3101			3101	5300
																								3	389	772	1277			1277	2180
																								4	188	373	880			880	1500
																								5	343	680	857			857	1464
	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				6	60	119	372		55	427	725
																											145			145	247
	0	42	41	39	41	41	41	43	45	2	2	44	42	43	43	38	38	36	38	37				7	3384	6712	6632	0	55	6687	11,416
	0	0	24	23	22	23	23	23	25	26	1	1	25	24	25	25	22	22	21	22	21			8	1933	3833	6632	0	55	6687	6520
	9	9	9	9	9	9	10	9	8	8	8	8	8	8	8	8	8	8	7	7	7			9	527	1045			1200	1200	1113
																								10	0	0	487			487	475
																								11	341	676	2036			2036	1985
	3	3	2	2	4	3	0																	12	196	389	329	82		411	401
																								13	0	0	1600			1600	1560
																								14	92	182	150	37		187	182
																								15	251	498	452	113		565	551
																								16	74	147	120	30		150	146
																								17	2	4	212	53		265	258
					0	5	3	0		0														18	104	206	230			230	224
																								19	60	119	355			355	346
36	35	35	35	39	5	0																		20	0	0	9211			9211	8982
																								21	0	0	699			699	682
																								22	864	1714	3677			3677	3585
				0	4	0																		23	0	0	1390			1390	1355
2	12	5	1	15	31	25	24	20	19	19	27	20	25	0										24	97	192			400	400	371
1	1	1	1	1	0																			25	1192	2364	2480			2480	2418
																								26	39	77	103			103	100
2	51	43	39	63	44	28	24	20	19	19	27	20	25	0										27	3312	6568	23,531	315	400	24,246	23,621
1	60	76	71	94	76	61	56	53	53	28	36	53	57	33	33	30	30	28	29	28				28	5772	11,446	30,163	315	1655	32,133	31,254

MISCELLANEOUS STREAM FLO

24 HOUR SECOND-FEE

STREAM	MAY 16	30	31	1	2	3
UPPER TETON RIVER						
TRAIL CREEK ABOVE STRING CANAL						
GAME CREEK AT MOUTH						
STRING CANAL						
KIMBALL CANAL						
RICKS-KIRSLEY CANAL						
TOWN CANAL						
EDWARDS CANAL						
SPENCER CANAL						
HUMBLE CANAL						
TONKS CANAL						
FOX CREEK ABOVE DIVERSIONS						
NORTH CANAL						
DARBY CREEK ABOVE DIVERSIONS						
HILL CANAL						
TODD CANAL						
CANNON CANAL						
CHERRY GROVE CANAL						
GRAND TETON CANAL						
TETON CREEK BELOW GRAND TETON CANAL						
CENTRAL TETON CANAL						
SOUTH LEIGH CREEK AT STATE LINE						
BIG HOGG CANAL						
LITTLE HOGG CANAL						
KILPACK CANAL						
NORTH LEIGH CREEK AT FOREST BOUNDARY						
SPRING CREEK AT HIGHWAY						
TETONIA CANAL						
BADGER CREEK 2 MILES EAST OF HONEYDALE SCHOOL						
CANYON CREEK CANAL	9					
SWAN VALLEY						
NORTH FORK INDIAN CREEK						
SOUTH FORK INDIAN CREEK						
PALISADE CANAL						
PALISADE CREEK BELOW PALISADE CANAL						
RAINEY CREEK ABOVE DIVERSIONS						
UPPER FALL RIVER						
BOOM CREEK CANAL	0					
SQUIRREL CREEK CANAL						
CONANT CREEK CANAL	0					
UPPER HENRYS FORK						
SHERIDAN CREEK ABOVE DIVERSIONS						
MORAIN CREEK						

JUNE

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

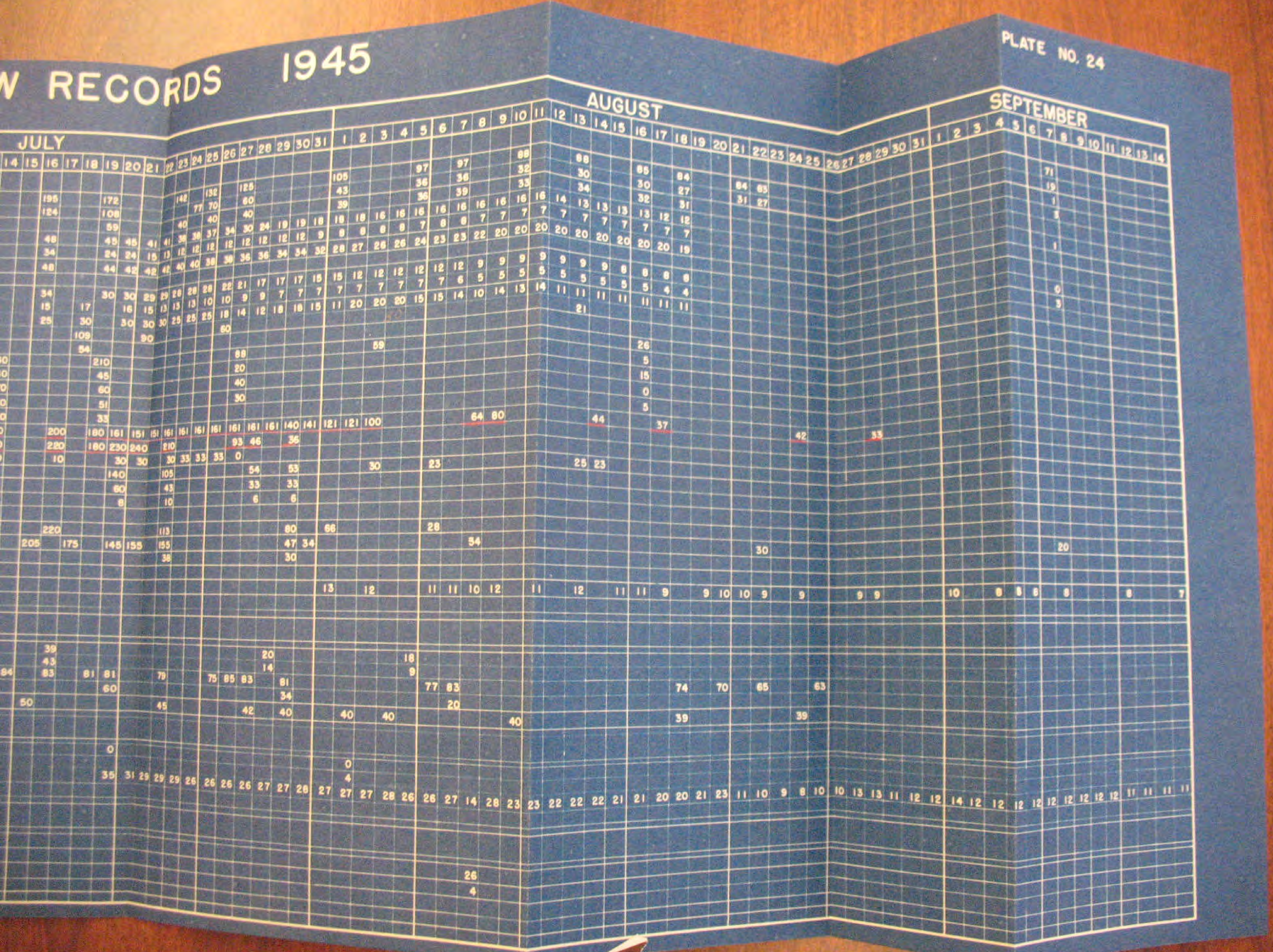
195 80 11 19 15 25 9 25 170 94 13 24 35 36 13 20 21 36 221 1 1 61 241 200 0 0 240 55 29 14 55 60 57 57 67 70

LANEOUS STREAM FLOW RECORDS 1945

24 HOUR SECOND-FEET

JULY

AUGUST



W RECORDS 1945
PLATE NO. 24
JULY
AUGUST
SEPTEMBER

contents acre-feet of JACKSON LAKE at MORAN, WYOMING for the year ending September 30, 19 45

Plate No. 25

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	300990	314240	338190	358250	382490	410340	433530	457140	636860	850560	796010	632770
2	301420	315530	338620	358910	383600	411010	434430	458740	646960	850820	788240	626520
3	301840	316600	339710	360000	384700	411680	435110	461010	657610	852610	781470	621250
4	302270	318110	340140	360880	385590	412350	435780	464220	668740	855170	771940	617190
5	302690	319390	340570	361760	386480	413020	436460	467890	673840	854400	761720	612650
6	303110	320040	341010	363070	387360	413690	436910	473160	684810	852870	752760	609780
7	303330	320900	341440	364390	388470	414360	437360	479120	695780	852610	747780	605010
8	303750	321540	342310	365270	389360	415260	437810	483470	704860	854400	742820	600950
9	304180	322610	342960	366140	390680	416160	438500	490390	713950	854150	740100	595960
10	304600	323260	343180	367020	392010	416840	439410	495470	722550	854150	734910	590980
11	305020	324120	343400	367680	392900	417520	440090	504240	730710	853120	729720	588610
12	305020	325190	343830	368340	394020	418190	441000	511660	737140	852610	724030	583870
13	305450	326690	344260	369210	395580	418870	441910	517940	746280	851580	719100	580540
14	305660	328200	344700	370310	397150	419540	442590	524910	757990	851840	714190	577220
15	306520	328860	345130	370970	399380	420450	443040	531430	766200	853120	709530	573220
16	306520	329510	345560	371860	400280	421330	443500	538450	772940	854150	704370	568500
17	306730	330160	346000	372740	401170	422030	444180	543830	778710	854150	699710	564970
18	306950	330810	346650	373630	402070	422700	444860	549680	783980	853640	694810	561910
19	306950	331240	347300	374520	402960	423380	445550	554840	791500	853120	689690	559550
20	307160	331680	348170	375180	403860	424280	446230	560260	797280	852350	684320	559320
21	307590	331890	349040	375840	404750	424960	446910	565910	803590	852870	680180	560020
22	308240	332330	350360	376290	405420	425640	447590	570390	812180	853120	677250	561910
23	308880	332760	351670	376950	406090	426540	448500	574390	829160	851330	674810	563080
24	309520	333630	352110	377620	406760	427440	449410	578650	840610	847000	672380	564260
25	310170	334060	352550	378060	407660	428120	450320	583150	853120	843150	670200	564730
26	310810	334710	353210	378720	408300	429020	451230	587900	852350	837560	669230	565440
27	311450	335800	353860	379170	409000	429700	452140	594540	852100	831450	666080	566620
28	311880	336880	354520	379830	409670	430370	453050	600950	850300	825340	662690	567090
29	312310	337320	355840	380270	—	431050	454640	608110	849280	817990	656400	567560
30	312740	337750	356710	380940		431720	456010	616950	850560	810660	648160	568030
31	313390		357590	381380		432630		627000		803340	640950	

Mean Acre-Feet												

Year or Period Mean Acre-Feet

B-211 c

DEPARTMENT OF THE INTERIOR · GEOLOGICAL SURVEY · WATER RESOURCES BRANCH

Daily discharge, in second-feet, of SNAKE RIVER at MORAN, WYOMING *for the year ending September 30, 19* 45

Plate No. 26

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	35	33	2				2	3	6	2870	5350	4560
2	35	33	2				2	3	6	2040	5080	3580
3	34	33	2				2	3	6	2350	5330	3180
4	34	32	2				2	3	6	3670	5960	2870
5	33	32	2				2	3	7	4870	6300	2620
6	33	30	2				2	13	8	4380	3790	2640
7	32	30	2				2	14	10	3060	2930	3180
8	32	30	2				2	13	11	3430	2700	2720
9	32	30	2				2	13	13	3740	3270	2720
10	74	30	2				2	13	13	4310	4130	2560
11	262	30	2				2	8	13	4300	3790	2460
12	144	30	2				2	7	8	4140	3750	2500
13	179	30	2				2	6	15	3180	3210	2270
14	288	30	2				2	6	14	2540	3260	2420
15	288	30	2				3	6	13	2550	3560	2870
16	288	30	2				3	6	8	2740	3550	2860
17	288	30	2				3	6	8	3050	3600	2740
18	288	30	2				3	6	8	3050	3820	2120
19	288	4	2				3	6	8	2830	4610	1050
20	235	4	2				3	6	13	2190	3580	119
21	34	2	2				3	6	14	1680	2660	119
22	34	2	2				3	6	16	2140	2090	119
23	34	2	2				3	5	23	4420	1890	119
24	34	2	2				3	5	1180	4380	1890	119
25	33	2	2				3	5	5950	4370	1920	119
26	33	2	2				3	5	6560	4400	2130	119
27	33	2	2				3	5	6250	4640	2340	119
28	33	2	2				3	5	4980	5120	2980	119
29	33	2	2				3	5	3610	5430	5330	119
30	33	2	2				3	5	3160	5200	5300	119
31	33		2					5		5090	5270	
Mean	106	19.4	2.0	2.0	2.0	2.0	2.5	6.5	1,065	3,618	3,722	1,774
Acre-Feet	6,520	1,150	123	123	111	123	151	399	63,350	222,500	228,800	105,600

Year Mean 869

Acre-Feet 628,950

9-211 c

DEPARTMENT OF THE INTERIOR—GEOLOGICAL SURVEY—WATER RESOURCES BRANCH

Daily discharge, in second-feet, of **SNAKE RIVER near HEISE, IDAHO** *, for the year ending September 30, 1945*

Plate No. 27

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3030	2880	2430	2350	2200	2130	2220	6270	13100	15300	11200	9600
2	3010	2990	2420	2310	2240	2110	2220	7260	13500	14000	11100	9180
3	2930	2860	2480	2320	2270	2110	2140	8320	13400	13000	11200	8100
4	2910	2800	2480	2260	2350	2160	2100	9530	13200	13900	11000	7730
5	2900	2930	2390	2220	2260	2110	2080	11000	13200	15700	11600	7290
6	2820	3120	2390	2280	2230	2070	2080	12800	14300	17100	11800	7350
7	2800	3100	2430	2280	2200	2040	2180	13700	15000	17000	10100	7410
8	2780	3010	2400	2350	2180	2100	2350	13000	14900	15800	8980	7850
9	2820	2910	2370	2340	2280	2060	2620	12500	14700	16100	8510	7210
10	2820	2860	2310	2240	2200	2080	2690	12500	14500	16500	8410	7010
11	2800	2910	2290	2290	2180	2100	2620	12800	14100	17000	9360	6900
12	2800	2950	2370	2260	2180	2160	2550	12000	13500	17800	9040	6560
13	2900	2970	2390	2290	2240	2230	2470	11800	14000	17900	9150	6640
14	2910	2910	2450	2320	2350	2290	2390	11500	15600	16000	8580	6320
15	2910	2800	2420	2320	2340	2290	2310	10700	14800	14500	8380	6250
16	3100	2750	2400	2320	2230	2180	2370	10300	13200	14400	8480	6690
17	3120	2620	2340	2280	2180	2160	2400	11200	12100	14100	8350	6930
18	3100	2520	2370	2130	2170	2180	2450	12400	11400	14400	8250	6880
19	3080	2480	2520	2070	2170	2140	2550	11500	11400	13800	8840	6660
20	3070	2500	2620	2000	2170	2070	2930	10700	12100	13100	10000	5880
21	3070	2470	2690	1960	2140	2080	3780	10200	13100	12300	9710	4980
22	2990	2400	2570	1800	2100	2140	4580	9600	14700	11400	8640	5010
23	2840	2470	2550	1800	2140	2220	4910	9250	16000	10800	7580	4860
24	2800	2550	2350	1990	2140	2310	4820	9420	16700	13100	7070	4620
25	2780	2570	2240	2060	2100	2220	4410	9460	17800	12700	7010	4460
26	2750	2640	2220	2020	2040	2180	3980	9850	21400	12300	7180	4360
27	2730	2660	2140	1980	2070	2240	3950	10500	22200	11900	7090	4340
28	2710	2550	2160	1950	2170	2230	4160	10800	21800	11600	6930	4270
29	2710	2430	2250	2020	—	2170	4790	11000	19400	11700	7350	4160
30	2710	2430	2400	2100		2160	5680	11600	17300	12000	8840	4090
31	2730		2430	2170		2170		12300		11600	9600	
Mean	2,885	2,735	2,396	2,164	2,197	2,158	3,093	10,830	15,080	14,150	9,011	6,320
Acre-Feet	177,400	162,700	147,300	133,100	122,000	132,700	184,000	666,000	897,300	870,300	554,000	376,000

YEAR — MEAN 6,109

ACRE-FEET 4,422,800

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

Plate No. L6

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1660	2060	3110	2500	2090	2460	2790	6670	10500	16400	4020	4780
2	1910	2310	3050	2450	2470	2460	2740	7840	11300	14700	3780	5190
3	1970	2540	3050	2400	2960	2540	2700	8730	11500	13100	3900	5090
4	1970	2680	3000	2500	3270	2700	2650	10000	11800	11400	4220	4550
5	1870	2790	3010	2600	3520	2740	2580	11400	12000	11300	4720	4270
6	1910	3010	2960	2650	3150	2900	2490	13100	13100	12300	5470	3800
7	1890	3400	2770	2700	3500	2590	2560	14800	15500	12600	5540	3800
8	1880	3500	2860	2790	2980	2590	2590	15600	17100	11700	4520	3800
9	2010	3480	2810	2870	3090	2630	3010	15200	18500	10600	4300	4000
10	1820	3460	2600	2950	3230	2630	3230	14200	20000	10400	4300	3850
11	1780	3370	2500	2900	3090	2670	3330	14000	20100	10600	4270	3750
12	1700	3400	2300	2810	3050	2810	3330	13800	19200	11600	4720	3650
13	1660	3520	2150	2830	2900	2980	3230	13000	18700	12700	4690	3550
14	1670	3680	2100	3000	2900	3370	3070	12700	19200	12500	4610	3500
15	1720	3550	1950	3110	3070	3730	2920	11800	19700	10600	4330	3420
16	1850	3620	1950	3100	2900	3460	2770	10800	18500	9540	4170	3400
17	1890	3520	2000	3050	2770	3170	2850	10000	16800	9220	4020	3780
18	2060	3070	2100	2950	2650	3030	2960	11000	14300	8730	3730	4220
19	2140	2880	2250	2600	2650	3000	3010	11600	12400	8380	3520	4810
20	2260	2830	2400	2500	2540	2900	3130	11200	10900	7130	4140	5250
21	2230	2810	2550	2200	2560	2830	3500	10200	9830	6310	5570	5250
22	2160	2900	2650	2000	2560	2810	4640	9540	9430	5380	5570	5470
23	2160	3110	2850	1800	2470	2850	5440	8660	9790	4720	4750	6150
24	2090	2960	2800	1900	2540	3050	5920	8350	10600	4250	3970	6400
25	2100	3090	2700	2100	2470	3170	5760	8700	11500	5440	3310	6470
26	2030	2960	2500	2200	2390	3170	5120	8980	13200	5190	3350	6180
27	2120	2860	2350	2150	2210	3080	4750	9180	17000	4550	3090	5510
28	2060	3070	2350	2100	2340	2980	4660	9430	18800	4120	2790	5350
29	2060	3110	2100	2000	—	2960	4940	9290	19300	4020	2460	5310
30	2060	2900	2100	2000		2770	5730	9180	18100	4120	2540	5190
31	2050		2500	2050		2740		9750		4270	3800	
Mean	1,959	3,081	2,528	2,508	2,797	2,896	3,613	10,930	14,960	8,964	4,135	4,658
Acre-Feet	120,500	183,400	155,400	154,200	155,300	178,100	215,000	671,800	889,900	551,100	254,200	277,200

U. S. GOVERNMENT PRINTING OFFICE 9—7140

Year [illegible] Mean 5,257
Acre-Feet 3,806,100

Daily discharge, in second-feet, of BLACKFOOT RIVER near BLACKFOOT, IDAHO for the year ending September 30, 1913.

Plate No. 29

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	150	451	145	220	128	200	263	12	56	2	24
2	14	163	348	145	220	132	212	274	22	72	2	49
3	36	174	327	145	220	130	216	318	23	86	2	137
4	64	187	336	144	220	163	214	518	46	94	2	158
5	57	235	300	144	220	163	213	528	198	106	10	110
6	51	286	301	150	220	142	211	513	152	114	12	73
7	57	282	259	150	200	132	207	532	217	116	29	55
8	52	288	271	150	195	114	207	510	426	104	75	40
9	50	312	346	150	200	151	228	329	462	82	40	36
10	54	312	327	150	208	164	220	262	466	31	27	60
11	62	340	260	180	215	180	174	232	470	18	10	184
12	68	361	260	220	225	217	136	156	480	15	8	177
13	116	357	260	250	220	264	122	92	490	33	13	150
14	100	348	260	270	225	341	90	81	489	18	43	143
15	61	348	260	247	270	344	16	58	395	34	112	142
16	64	344	180	214	318	315	15	21	251	29	138	130
17	67	329	180	200	297	209	15	22	242	25	144	102
18	67	332	180	185	280	184	15	66	195	12	149	86
19	72	341	180	170	210	201	15	352	77	26	149	117
20	104	328	180	160	170	209	14	308	33	27	130	156
21	160	265	150	150	155	205	14	201	8	20	218	202
22	216	391	150	150	150	203	53	123	3	12	311	309
23	291	298	150	150	147	233	183	130	2	10	349	356
24	301	367	150	150	146	266	197	146	20	5	332	361
25	298	315	150	150	144	277	252	177	20	4	263	343
26	284	280	145	160	139	251	273	172	20	7	212	349
27	264	335	145	160	120	229	268	170	20	1	159	388
28	236	295	145	160	119	225	263	148	20	1	108	407
29	203	269	145	160	——	221	258	108	20	1	50	449
30	150	290	145	160		214	258	36	20	2	21	442
31	130		145	160		205		10		5	14	
Mean	121	297	229	170	203	207	159	221	177	37.6	101	191
Acre-Feet	7,460	17,700	14,060	10,470	11,250	12,720	9,440	13,600	10,510	2,310	6,220	11,380

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Year or Period — Mean 176 — Acre-Feet 127,120

Daily discharge, in second-feet, of SNAKE RIVER at CLOUGH RANCH near BLACKFOOT, IDAHO, for the year ending September 30, 19 45

Plate No. 30

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	212	1520	2810	2340	2050	2210	2600	4920	7260	13700	660	1050
2	266	1630	3030	2320	2270	2310	2600	5670	7920	12000	504	2130
3	612	2000	3200	2230	2900	2340	2540	6440	8550	10500	355	2600
4	864	2180	3120	2240	3340	2440	2570	7280	8830	8810	435	2420
5	896	2390	3030	2390	3420	2580	2500	8730	9430	8050	960	1700
6	864	2570	3030	2440	3250	2420	2390	10000	9840	8260	1910	1200
7	912	2920	2920	2540	2930	2480	2380	11500	11700	8960	2540	872
8	928	3160	2870	2690	2980	2440	2420	12500	13700	8500	2320	824
9	944	3220	2870	2690	3030	2520	2660	12300	15300	7060	2340	936
10	987	3220	2640	2700	3240	2500	2920	11200	17100	6370	2620	1180
11	888	3270	2180	2800	3300	2540	3080	10600	18200	6580	2050	1040
12	856	3410	2130	2740	3140	2600	3090	10400	18100	7000	1940	936
13	880	3460	2030	2800	3040	2780	3000	9700	17500	8180	1360	904
14	880	3600	1870	2880	2980	3090	2860	9170	17000	8780	1270	848
15	880	3600	1900	3010	2760	3490	2720	8440	17400	7740	1210	800
16	944	3580	1780	3060	3160	3580	2570	7640	16800	6090	1070	793
17	1030	3610	1850	3000	2950	3090	2480	6900	14900	5490	896	912
18	1120	3370	1950	2800	2750	2950	2620	7030	12600	4880	737	1330
19	1210	3080	2050	2780	2630	2900	2660	8890	09780	4730	624	2030
20	1300	2980	2200	2340	2480	2820	2750	9120	77720	4190	702	2920
21	1440	2860	2240	2270	2440	2780	2880	8500	5950	3080	1820	3390
22	1430	2980	2520	1980	2420	2770	3480	7720	5140	2230	3110	4120
23	1490	2810	2510	1620	2370	2780	4460	6980	5200	1640	2690	4730
24	1480	3060	2800	1500	2300	2960	5010	6490	5850	996	2120	5370
25	1500	3040	2600	1640	2270	3120	5280	6630	6660	1190	1460	5530
26	1450	2920	2420	1920	2240	3120	4970	6880	7610	1500	960	5510
27	1430	3090	2280	2080	2120	2960	4500	6980	10700	1240	772	5090
28	1380	2900	2230	2000	2050	2880	4320	7060	13700	744	475	4760
29	1320	2840	2270	1880	—	2880	4100	6960	15200	612	290	4800
30	1280	2800	1870	1810		2720	4360	6540	15100	552	246	4800
31	1400		1910	1800		2630		6560		552	390	
Mean	1,067	2,936	2,423	2,364	2,743	2,764	3,226	8,249	11,690	5,491	1,317	2,518
Acre-Feet	65,600	174,700	149,000	145,400	152,400	169,900	191,900	507,200	695,700	337,600	81,000	149,800

B.R. WATER-SUPPLY PAPER 958 B—7-30

Year or Period: Mean 3,895; Acre-Feet 2,820,200

contents in acre feet, of AMERICAN FALLS RESERVOIR at AMERICAN FALLS, IDAHO

Plate No. 21

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	534740	629760	886060	1125240	1288360	1463570	1616700	1697200	1706720	1708960	1457810	1027770
2	535330	635560	894300	1130310	1295180	1465140	1624430	1700000	1708960	1706160	1441330	1012720
3	538850	642330	903790	1135380	1302490	1470370	1620010	1701120	1705600	1702800	1425390	1001990
4	542660	648130	915920	1140450	1309860	1475090	1619460	1701680	1706160	1704480	1408430	992540
5	543830	655420	926030	1144600	1319270	1480850	1621670	1703920	1705600	1706720	1394250	982280
6	549700	664390	933710	1149670	1326200	1488180	1624990	1704480	1705600	1706160	1379620	969760
7	553220	669700	942220	1155210	1334120	1492360	1627750	1707280	1710080	1704480	1364490	960580
8	556200	676010	950150	1162600	1339560	1496030	1629410	1708400	1706720	1703920	1351940	947640
9	561650	683020	959330	1169670	1346490	1501790	1633280	1703360	1707280	1702800	1342040	938970
10	564990	690190	967260	1175320	1353420	1507030	1637150	1706720	1707840	1696640	1332140	927650
11	566800	698390	973100	1181910	1360460	1511780	1638810	1707840	1701680	1692710	1320260	915510
12	567710	711370	978110	1188030	1367520	1517110	1644890	1700560	1698880	1688230	1309370	908230
13	569530	717570	983530	1193210	1374580	1520830	1653730	1701680	1697760	1683750	1296160	897440
14	569830	727050	989110	1199330	1379620	1526160	1656500	1705040	1703360	1679820	1283010	887630
15	570130	738630	994260	1206400	1386180	1537340	1655940	1705040	1703920	1678140	1268400	877040
16	571340	748110	998980	1212590	1395250	1542660	1657600	1708400	1706160	1673100	1254310	862920
17	572560	758120	1005420	1220260	1402310	1547990	1660920	1706160	1704480	1665890	1239440	849940
18	575580	767140	1012290	1226970	1409970	1555970	1655390	1705040	1701120	1657600	1223140	846510
19	578310	776870	1017440	1233690	1413050	1562900	1650420	1700560	1699440	1649860	1207810	841560
20	581640	787340	1023450	1239920	1419740	1567250	1647100	1708400	1703360	1640470	1192270	837370
21	584970	796980	1034810	1244720	1424370	1571660	1637700	1712900	1703920	1630520	1177200	838510
22	589660	806610	1046700	1249040	1428990	1573770	1642120	1712330	1697200	1617800	1163540	840040
23	596540	814020	1056820	1251910	1435680	1573770	1649860	1705600	1689350	1604750	1153360	845750
24	601230	818470	1065190	1256230	1443900	1577030	1654840	1705600	1685990	1591700	1140910	854140
25	605290	827840	1074530	1259140	1448020	1584100	1665340	1705600	1684310	1574860	1126620	865280
26	608730	838890	1082190	1263040	1450080	1588440	1674220	1705040	1681500	1559700	1112850	877830
27	612170	850330	1089410	1266450	1456250	1593330	1678140	1705600	1677020	1544260	1099780	891160
28	615290	862140	1096620	1270830	1459380	1595510	1682060	1707280	1690470	1528290	1085800	900180
29	619450	872340	1102930	1274730	—	1602570	1688790	1708400	1701680	1510180	1070470	910660
30	626220	879000	1109700	1279600		1604750	1693270	1707280	1707840	1489220	1055500	924820
31	628150		1116480	1283490		1604200		1704480		1474560	1041420	

Mean Acre-Feet

Year or Period

Mean Acre-Feet

DEPARTMENT OF THE INTERIOR—GEOLOGICAL SURVEY—WATER RESOURCES BRANCH

Daily discharge, in second-feet, of SNAKE RIVER at NEELEY, IDAHO , *for the year ending September 30, 19* 45

Plate No. 32

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2300	2840	1420	1960	2710	2760	2530	6440	9790	16900	11000	10400
2	1720	1850	1290	2830	2480	2780	3910	7780	11100	15900	11200	10300
3	1750	1860	59	2880	2280	2760	3940	8910	12200	12700	11400	10100
4	1740	2390	1290	2760	2300	2780	3910	9460	12500	10500	11400	10300
5	2210	114	1570	2730	2660	2780	3940	10600	12400	10500	11400	10500
6	2130	2500	1580	2760	2780	2780	3940	11500	11100	10800	11500	10300
7	2910	3050	1550	2780	2880	2810	3620	13200	15200	11100	11600	9650
8	63	3080	1400	2760	2660	2850	3640	17200	18300	11300	11600	9320
9	2760	2560	1450	2780	2520	2830	3660	15300	17700	11500	11100	9420
10	3120	2570	60	2850	2540	2850	3660	12900	21800	11700	10600	9320
11	2850	2560	1360	2810	2570	2850	3480	17300	23500	11700	10600	9090
12	2760	59	1620	2760	2610	2880	3480	14700	20500	11700	10800	8950
13	2700	2540	1780	2760	2710	2880	3370	11300	19900	11900	11100	8910
14	3310	1710	1800	2730	2760	2900	3570	11200	19900	11800	11200	8820
15	4190	1530	1780	2690	2710	2780	3860	11000	19900	11800	11200	8770
16	3740	1540	1880	2660	2690	2760	4620	11100	19900	11800	11300	8770
17	2780	1530	76	2660	2730	2780	5290	11000	19900	11700	11500	8820
18	2730	1550	1680	2690	2710	2760	7870	11000	17600	11600	11700	8280
19	2450	59	1680	2690	2710	3410	7870	10500	12600	11500	11800	6910
20	2480	1190	1650	2690	2710	3760	7870	10100	10600	11300	11800	6530
21	2450	1220	1590	2690	2730	3730	7390	11600	11500	11100	11800	5780
22	61	1260	1190	2710	2760	3760	115	14100	12100	11000	11800	4600
23	2450	1250	1620	2730	2730	3760	5230	12100	11200	11200	11000	4160
24	2470	1210	72	2760	2730	3760	4030	9840	10200	11400	10900	3670
25	2420	1190	1670	2730	2710	3760	4030	9840	9890	11500	10900	3050
26	2470	58	1690	2730	2730	3790	4120	9840	10200	11900	10900	2870
27	2520	1380	1690	2780	2730	3760	4370	9890	10600	12000	11000	2870
28	2710	1470	1700	2760	2760	4690	4470	9890	10200	12200	11000	2320
29	76	1480	1710	2780	—	3650	4470	9940	13500	12300	10900	1790
30	2990	1400	1710	2780		3650	5090	9840	16900	12300	10900	426
31	2830		72	2760		2760		9840		11500	10600	
Mean	2,392	1,633	1,345	2,724	2,665	3,187	4,378	11,260	14,760	11,870	11,210	7,167
Acre-Feet	147,100	97,190	82,690	167,500	148,000	196,000	260,500	692,600	878,000	730,100	689,300	426,400

YEAR Mean 6,237

Acre-Feet 4,515,380

Daily contents acre in feet, of LAKE WALCOTT near MINIDOKA, IDAHO for the year ending September 30, 19 45

Plate No. 33

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	77110	64800	66110	65450	66550	66550	92040	95430	95910	96630	97350	95550
2	76550	65890	66220	65890	66990	66220	93790	95910	96390	96390	96390	95180
3	75200	66330	66000	66000	67430	66990	94250	96870	95430	96150	96150	94720
4	75200	67430	65010	66220	66770	66660	94490	96630	95670	96510	94950	94600
5	73840	69850	65890	65890	65890	66330	93670	95910	96030	96990	94720	94950
6	73840	69080	66220	66110	66440	66550	93670	94490	95670	96390	94720	94600
7	71940	71060	66770	66330	66550	66550	93790	93790	96870	95910	95180	95910
8	70510	75200	66990	67430	66330	66330	92040	94250	96990	95180	95670	94840
9	65890	77000	67210	66000	66110	66440	93790	94720	96630	95180	96390	95430
10	66000	78130	67210	66330	65890	66440	93550	95430	96150	95180	96390	95430
11	67100	80830	65120	66440	65890	66990	94490	96270	97110	94950	95910	95070
12	68530	81850	65010	66770	65670	67430	94250	96150	95910	95180	96750	95910
13	69630	79480	65890	66770	65780	67430	94950	94250	94370	95430	95550	96150
14	69410	80380	66660	66990	65560	66990	94720	95180	96390	95670	95550	96270
15	71610	80380	67210	67210	66220	67870	92970	95910	95910	95180	95310	95670
16	70730	79930	67650	66990	66330	67210	92390	97840	96150	95180	94720	94250
17	70840	78800	67760	66880	66330	65670	93090	97470	96030	95670	94720	93670
18	70840	77230	66110	66770	66440	67320	93320	97470	95910	96510	95070	95430
19	72050	75760	66440	66880	66110	67650	93090	95670	95180	96750	94840	95430
20	72380	71390	67100	66770	66220	69630	93900	95550	93670	96870	95430	94720
21	72720	68750	67650	66770	66000	71610	93550	95670	94250	96870	96270	94490
22	71610	66770	67870	66770	66220	73500	93550	95670	95910	95910	96750	95180
23	67760	66000	67650	66770	66440	74630	88200	94950	97350	95670	96870	94950
24	67430	64580	67430	66660	66550	75870	92620	95550	97590	94950	96510	95070
25	67430	65560	65670	66770	66770	79480	93440	96270	96630	94720	95310	95070
26	67100	66110	66220	66550	66770	81170	93900	95670	95310	94490	95180	93790
27	67210	63480	66990	66550	66770	82410	93090	96630	93670	94950	95180	93200
28	67210	64800	67430	66550	66660	84240	93090	96870	95790	95430	95430	92740
29	66990	65780	68090	66550	—	86570	94370	96990	95910	95910	95310	92390
30	63260	65670	68310	66550		88430	94720	96150	96390	95670	95430	91460
31	64140		67870	66660		89010		94950		96870	95670	

Mean Acre-Feet												

Year or Period Mean Acre-Feet

Daily discharge, in second-feet, of NORTH SIDE MINIDOKA CANAL near MINIDOKA, IDAHO, for the year ending September 30, 19 52

Plate No. 34

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	628	384					0	650	963	1210	1620	1310
2	630	387					0	889	1080	1340	1610	1260
3	626	334					0	1200	1170	1460	1610	1260
4	628	249					0	1430	1270	1510	1550	1260
5	622	219					0	1500	1140	1550	1500	1240
6	622	219					0	1490	1030	1590	1500	1210
7	618	73					0	1560	976	1680	1500	1160
8	610	0					0	1660	924	1680	1440	1110
9	642	0					0	1690	924	1680	1370	1110
10	674	0					0	1690	851	1680	1370	1110
11	676	0					0	1680	807	1690	1370	1110
12	682	0					0	1670	805	1690	1370	1140
13	686	0					0	1670	935	1690	1420	1160
14	678	0					0	1630	1030	1690	1460	1120
15	654	0					0	1580	1130	1690	1460	1080
16	652	0					0	1490	1310	1690	1460	1070
17	606	0					0	1400	1440	1690	1530	1010
18	508	0					0	1370	1520	1690	1570	887
19	470	0					0	1240	1540	1690	1560	842
20	470	0					135	1110	1530	1690	1570	807
21	466	0					203	1040	1530	1690	1570	722
22	461	0					202	1040	1540	1680	1580	602
23	452	0					262	997	1500	1690	1560	576
24	452	0					310	884	1460	1700	1530	576
25	452	0					377	803	1420	1690	1500	515
26	452	0					412	801	1350	1690	1480	471
27	452	0					410	803	1290	1700	1480	470
28	452	0					410	803	1210	1700	1480	439
29	452	0					412	803	1150	1660	1450	412
30	443	0					521	801	1150	1660	1420	408
31	408							853		1630	1390	
Mean	559	62.2	0	0	0	0	122	1,233	1,199	1,638	1,493	915
Acre-Feet	34,360	3,700	0	0	0	0	7,250	75,820	71,360	100,700	91,800	54,440

Year Mean 607

Acre-Feet 439,430

Daily discharge, in second-feet, of SOUTH SIDE MINIDOKA CANAL near MINIDOKA, IDAHO for the year ending September 30, 1942

Plate No. 35

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	437	401						103	439	863	1250	1260
2	426	308						308	494	955	1240	1250
3	407	268						373	571	1020	1240	1260
4	361	89						373	635	1170	1220	1240
5	322	0						371	635	1260	1210	1180
6	329	0						600	620	1270	1220	1150
7	363	0						763	625	1300	1230	1150
8	373	0						931	628	1310	1230	1120
9	340	0						1090	581	1310	1170	1050
10	324	0						1310	552	1320	1140	1040
11	324	0						1350	552	1350	1090	1040
12	252	0						1340	588	1340	1100	1040
13	212	0						1330	684	1340	1140	1060
14	228	0						1270	804	1330	1240	1070
15	241	0						1200	919	1320	1240	1060
16	242	0						1170	1030	1320	1240	1010
17	242	0						1040	1140	1320	1250	886
18	241	0						934	1290	1320	1260	823
19	242	0						889	1340	1310	1260	746
20	247	0						843	1220	1300	1250	650
21	249	0						774	1330	1290	1250	535
22	252	0						671	1300	1280	1260	367
23	326	0						550	1280	1270	1260	290
24	371	0						474	1180	1260	1260	292
25	389	0						414	1060	1260	1260	280
26	383	0						377	946	1260	1260	273
27	383	0						340	898	1270	1270	273
28	414	0						326	798	1270	1270	273
29	432	0						373	807	1270	1270	273
30	422	0						407	829	1270	1260	273
31	424							414		1270	1260	
Mean	329	35.5	0	0	0	0	0	733	859	1,258	1,229	907
Acre-Feet	20,230	2,110	0	0	0	0	0	45,040	51,120	77,350	75,570	48,030

Year ____ Mean 441

Acre-Feet 319,450

Daily discharge, in second-feet, of SNAKE RIVER near MINIDOKA, IDAHO for the year ending September 30, 1917.

Water-Supply Paper No. 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1620	1750	1380	1890	2790	2900	1760	5280	8540	15200	8300	8000
2	1470	1580	1280	2560	2680	2900	3010	6280	9550	14700	8660	7970
3	1050	802	1220	2840	2970	2900	3950	7020	10800	10400	8840	7970
4	890	1020	1150	2920	2960	2920	4100	8030	10700	7880	8990	8000
5	1280	842	1280	2820	2810	2940	4260	9110	10900	7970	8870	8060
6	1960	1020	1480	2730	2840	2940	4260	10100	10200	8180	8780	8120
7	2560	1570	1550	2750	2820	2920	4000	10400	12000	8510	8690	7680
8	2240	1860	1570	3580	2860	2920	3810	13600	17500	8540	8510	7360
9	1940	1860	1550	3210	2840	2920	3760	13900	16300	8510	8360	7180
10	1660	1880	1580	2720	2790	2920	3760	9270	20000	8720	8090	7100
11	1410	1850	1640	2750	2790	2940	3760	12800	22800	8780	8000	6880
12	1300	1880	1550	2750	2750	2970	3760	14100	20300	8690	8030	6520
13	1320	1900	1580	2770	2770	3030	3720	8570	18100	8660	8240	6490
14	2290	1890	1670	2790	2840	3050	4060	7590	19000	8810	8210	6600
15	2750	1900	1750	2790	2860	2990	4410	7620	18200	8900	8240	6790
16	2790	1970	1740	2770	2810	2970	4760	7880	17700	8780	8270	7040
17	2650	2350	1540	2750	2810	2900	5730	8600	17500	8540	8360	7040
18	1670	2350	1590	2750	2810	2880	8270	9140	15700	8600	8600	6820
19	1570	2370	1580	2750	2820	2880	8090	9050	11000	8630	8720	6120
20	1580	2630	1620	2750	2820	2880	7650	8360	7560	8510	8720	5280
21	1700	2840	1650	2770	2820	2860	7210	9300	7440	8390	8570	4960
22	1930	2280	1800	2770	2820	2860	3620	12200	7530	8360	8510	4000
23	1810	1550	1680	2770	2820	2900	3680	11600	7360	8360	8360	3580
24	1760	1270	1590	2770	2840	2900	3830	8420	7330	8450	8330	3030
25	1850	1270	1450	2770	2810	2880	3640	8450	7160	8390	8360	2610
26	1760	1280	1570	2790	2810	2900	3890	8480	7270	8510	8480	2400
27	1720	1220	1600	2810	2840	2900	4100	8660	7680	8750	8480	2400
28	1720	1310	1700	2810	2880	2920	4120	8720	7620	8780	8330	2100
29	1730	1520	1780	2810	—	2920	4080	8690	10900	9020	8270	1400
30	1720	1460	1810	2810		2940	4320	8660	15000	9110	8360	1380
31	1730		1780	2790		2480		8690		8720	8210	
Mean	1,788	1,709	1,571	2,784	2,824	2,907	4,446	9,309	12,650	9,044	8,443	5,696
Acre-Feet	109,900	101,700	96,610	171,200	156,900	178,800	264,500	572,400	753,000	556,100	519,200	338,900

Year or Period — Mean 5,275 — Acre-Feet 3,819,210

U. S. GOVERNMENT PRINTING OFFICE 16—7143

Daily gage height, in feet, of LAKE MILNER near MILNER, IDAHO for the year ending September 30, 19 45

Plate No. 37

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9.96	8.41	8.62	8.63	8.35	8.22	7.95	10.26	10.86	10.98	10.98	10.84
2	9.65	8.56	8.50	8.68	8.38	8.15	8.41	10.35	10.84	10.96	10.82	10.75
3	9.34	8.64	8.38	8.60	8.32	8.16	8.52	10.37	10.87	10.96	10.80	10.73
4	8.71	8.60	8.44	8.70	8.35	8.19	8.62	10.58	10.87	10.87	10.81	10.72
5	7.70	8.62	8.38	8.69	8.14	8.12	8.70	11.02	10.92	10.80	10.96	10.79
6	7.26	8.70	8.37	8.57	8.14	8.30	8.77	10.68	10.84	10.73	10.99	10.69
7	7.10	8.69	8.40	8.52	8.27	8.32	8.65	10.76	10.88	10.80	11.05	10.86
8	7.31	8.87	8.38	8.54	8.21	8.27	8.59	10.70	10.88	10.88	11.04	10.75
9	7.41	8.84	8.46	8.58	8.03	8.32	8.53	10.70	10.92	10.86	11.08	10.76
10	7.44	8.40	8.35	8.40	8.28	8.24	8.43	10.70	10.86	10.86	11.04	10.66
11	7.30	8.35	8.34	8.36	8.24	8.25	8.63	10.80	10.92	10.90	10.95	10.43
12	7.00	8.42	8.46	8.52	8.19	8.20	8.42	10.84	10.89	10.92	10.94	10.62
13	6.47	8.27	8.54	8.50	8.14	8.29	8.74	10.88	10.80	10.94	10.84	10.49
14	5.95	8.34	8.54	8.45	7.91	8.40	8.60	10.76	10.72	10.84	10.84	10.48
15	6.34	8.36	8.51	8.39	8.19	8.46	8.23	10.78	10.82	10.91	10.88	10.46
16	6.94	8.36	8.58	8.29	8.31	8.22	8.23	10.90	10.86	11.02	10.94	10.25
17	7.83	8.37	8.63	8.38	8.31	8.14	8.38	10.87	10.83	11.01	10.94	10.56
18	8.51	8.42	8.52	8.25	8.28	8.13	8.63	10.93	10.82	10.98	11.00	10.87
19	8.56	8.46	8.51	8.34	8.19	8.16	8.92	10.85	10.86	11.02	10.98	11.00
20	8.49	8.46	8.56	8.32	8.11	8.12	9.19	10.96	10.93	11.02	11.12	10.74
21	8.39	8.44	8.66	8.32	8.16	8.16	9.24	10.87	10.98	11.01	11.23	10.73
22	8.36	8.44	8.72	8.32	8.17	8.16	10.30	10.86	10.98	10.94	11.20	10.88
23	8.46	8.46	8.83	8.30	8.24	8.04	10.38	10.92	11.06	10.90	11.10	10.98
24	8.46	8.09	8.73	8.33	8.23	7.88	10.04	10.87	10.99	10.96	11.00	10.79
25	8.48	8.42	8.60	8.32	8.25	8.26	10.66	10.85	10.96	10.90	10.74	10.69
26	8.54	8.44	8.42	8.28	8.21	8.18	10.70	10.78	10.90	10.80	10.75	10.33
27	8.54	8.30	8.43	8.29	8.20	8.08	10.64	10.88	10.47	10.81	10.79	10.11
28	8.51	8.42	8.46	8.34	8.20	7.98	10.72	10.88	11.04	10.86	10.80	10.12
29	8.44	8.54	8.56	8.35	—	8.17	10.72	10.90	11.58	10.91	10.76	9.87
30	8.39	8.56	8.64	8.36		8.22	10.42	10.89	11.04	10.98	10.70	9.68
31	8.42		8.70	8.32		8.03		10.67		11.16	10.83	

Year or Period Mean ..... Acre-Feet .....

Daily discharge, in second-feet, of P. A. LATERAL near MILNER, IDAHO for the year ending September 30, 19 45

Plate No. 38

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0				0	0	23	54	61	60	60
2		0				0	0	30	54	61	60	60
3		0				0	0	36	54	61	60	60
4		0				0	0	48	54	61	60	60
5		0				0	0	48	54	60	60	60
6		0				0	0	46	55	60	60	60
7		0				0	0	55	55	60	60	60
8		0				0	0	62	59	56	61	60
9		0				0	0	62	59	61	61	60
10		0				0	0	62	59	61	61	61
11		0				1	0	62	59	61	60	61
12		0				14	0	62	62	61	60	61
13		0				16	0	62	62	61	60	61
14		0				0	0	62	62	61	60	61
15		16				0	0	62	62	61	60	61
16		16				0	0	62	62	61	60	61
17		0				0	0	62	62	61	60	61
18		0				0	0	62	62	60	60	61
19		0				0	0	62	62	60	60	61
20		0				0	0	62	62	60	60	61
21		0				0	0	62	62	60	60	61
22		0				0	0	62	62	60	60	55
23		0				0	0	62	62	60	60	55
24		0				0	0	62	62	60	60	0
25		0				0	18	62	62	60	60	0
26		0				0	18	58	62	60	60	0
27		0				0	18	58	62	60	60	0
28		0				0	16	57	62	60	60	0
29		0				0	16	57	62	60	60	0
30		0				0	23	57	62	60	60	0
31						0		54		60	60	
Mean	0	1.1	0	0	0	1.0	3.6	56.2	59.8	60.3	60.1	46.1
Acre-Feet	0	63	0	0	0	61	216	3,460	3,560	3,710	3,700	2,740

Year Mean 24.2

Acre-Feet 17,510

Daily discharge, in second-feet, of MILNER LOW LIFT CANAL near MILNER, IDAHO *for the year ending September 30, 1943*

Plate No. 39

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								56	0	182	202	182
2								56	25	180	202	182
3								110	57	195	201	182
4								139	99	202	200	180
5								145	107	202	200	180
6								156	107	202	200	180
7								176	107	202	202	182
8								185	107	201	202	182
9								185	107	202	202	176
10								197	107	201	201	130
11								202	122	201	200	182
12								202	129	201	200	182
13								202	129	201	202	182
14								189	148	201	202	182
15								176	156	201	202	182
16								176	156	200	202	182
17								176	156	200	202	180
18								156	156	200	202	180
19								156	156	200	201	182
20								141	156	200	201	170
21								133	164	198	202	107
22								133	176	199	202	0
23								111	176	199	202	1
24								96	176	199	201	56
25								80	176	199	201	56
26								27	176	202	203	56
27								0	176	201	203	56
28								0	176	201	201	56
29								0	176	201	200	56
30								0	176	200	182	52
31								0		200	182	
Mean	0	0	0	0	0	0	0	121	134	199	200	135
Acre-Feet	0	0	0	0	0	0	0	7,460	8,000	12,240	12,310	8,050

YEAR (Calendar / Water) MEAN 66.4

ACRE-FEET 48,060

Daily discharge, in second-feet, of GOODING PROJECT IN GOODING CANAL near MILNER, IDAHO

Plate No. 40

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0					0	860	1230	1420	1460	1320
2		0					0	930	1260	1420	1460	1310
3		0					0	1010	1300	1420	1460	1220
4		0					0	1070	1300	1450	1460	1150
5		0					0	1120	1300	1470	1470	1150
6		0					0	1160	1300	1470	1470	1150
7		0					0	1170	1310	1470	1450	1150
8		0					0	1160	1280	1480	1440	1150
9		0					0	1240	1230	1480	1440	1140
10		0					0	1300	1180	1480	1440	1100
11		0					0	1300	1140	1490	1400	1070
12		0					0	1300	1140	1480	1380	1070
13		0					0	1300	1130	1480	1380	1070
14		0					0	1300	1140	1480	1380	1070
15		0					0	1300	1140	1490	550	1070
16		0					0	1300	1190	1490	60	1070
17		450					0	1300	1270	1490	540	1100
18		690					0	1300	1270	1480	960	1110
19		640					0	1300	1270	1480	1140	1100
20		620					0	1300	1350	1470	1460	1140
21		470					420	1300	1420	1470	1470	1010
22		0					730	1280	1420	1450	1470	990
23		0					770	1240	1420	1450	1460	960
24		0					750	1230	1410	1450	1430	930
25		0					770	1230	1410	1440	1400	900
26		0					760	1230	1410	1440	1410	890
27		0					760	1230	1390	1440	1380	880
28		0					760	1230	1420	1440	1360	880
29		0					760	1230	1420	1450	1340	480
30		0					760	1230	1420	1450	1310	0
31								1220		1470	1320	
Mean	0	95.7	0	0	0	0	241	1,215	1,296	1,463	1,295	1,021
Acre-Feet	0	5,690	0	0	0	0	14,360	74,720	77,100	89,930	79,640	60,750

Year — Mean 556

Acre-Feet 402,190

Daily discharge, in second-feet, of GOODING CANAL below N. S. DIVERSION near MILNER, IDAHO for the year ending September 30, 1942

Plate No. 41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0					0	838	1199	1378	1423	1281
2		0					0	907	1235	1378	1419	1279
3		0					0	989	1274	1378	1419	1184
4		0					0	1054	1270	1412	1421	1113
5		0					0	1104	1274	1430	1430	1115
6		0					0	1138	1270	1430	1430	1111
7		0					0	1147	1270	1435	1414	1117
8		0					0	1142	1241	1444	1403	1111
9		0					0	1219	1193	1442	1405	1108
10		0					0	1279	1138	1442	1403	1069
11		0					0	1276	1100	1446	1369	1035
12		0					0	1281	1100	1442	1347	1039
13		0					0	1283	1094	1435	1349	1033
14		0					0	1279	1098	1437	1349	1037
15		0					0	1276	1098	1446	532	1037
16		0					0	1281	1149	1451	49	1031
17		429					0	1283	1228	1446	519	1062
18		656					0	1283	1226	1435	928	1077
19		607					0	1279	1228	1437	1108	1062
20		592					0	1285	1314	1430	1421	1006
21		441					412	1279	1382	1426	1437	978
22		0					718	1250	1378	1414	1433	959
23		0					748	1213	1382	1407	1428	930
24		0					732	1197	1373	1410	1396	898
25		0					752	1197	1371	1405	1367	867
26		0					746	1197	1373	1403	1371	861
27		0					746	1197	1356	1405	1345	854
28		0					746	1197	1378	1407	1323	852
29		0					746	1197	1378	1414	1301	457
30		0					742	1197	1378	1416	1276	0
31								1186		1428	1283	
Mean	0	90.8	0	0	0	0	236	1,191	1,258	1,423	1,261	985
Acre-Feet	0	5,400	0	0	0	0	14,060	73,250	74,870	87,490	77,550	58,640

U. S. GOVERNMENT PRINTING OFFICE 6-7189

Year (This Year) Mean 540
Acre-Feet 391,260

Daily discharge, in second-feet, of NORTH SIDE CANAL PROJECT IN GOODING CANAL near MILNER, IDAHO for the year ending September 30, 1913

Plate No. 42

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	850	840					0	660	740	750	870	890
2	330	850					0	680	730	750	860	870
3	0	830					0	680	740	750	860	880
4	0	800					0	700	740	750	850	880
5	0	380					0	720	740	760	850	880
6	0	180					0	710	740	750	880	880
7	0	490					0	710	740	760	880	890
8	0	780					0	720	740	770	850	880
9	0	780					0	720	740	780	840	880
10	0	770					0	720	730	770	880	890
11	0	760					0	720	730	770	880	880
12	0	710					0	720	730	860	880	890
13	0	360					0	720	720	920	890	880
14	0	0					0	720	710	910	860	880
15	0	0					0	730	710	910	860	880
16	0	0					0	730	720	920	850	870
17	0	0					0	730	740	920	870	900
18	0	0					390	740	730	910	880	920
19	0	0					750	740	740	920	860	910
20	0	0					870	740	750	920	870	890
21	0	0					770	740	750	910	890	890
22	0	0					680	740	740	890	880	900
23	0	0					680	750	740	880	860	890
24	0	0					670	750	740	880	860	890
25	0	0					690	740	740	870	840	890
26	0	0					680	730	740	870	840	850
27	480	0					680	740	710	870	860	830
28	820	0					680	740	750	860	870	830
29	840	0					680	740	750	880	870	330
30	850	0					670	740	750	880	870	0
31	840							730		880	880	
Mean	162	284	0	0	0	0	296	724	736	846	866	834
Acre-Feet	9,940	16,920	0	0	0	0	17,630	44,510	43,780	52,010	53,240	49,630

Year Mean 397

Acre-Feet 287,660

Daily discharge, in second-feet, of NORTH SIDE TWIN FALLS CANAL at MILNER, IDAHO. for the year ending September 30, 1927.

Plate No. 43

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	263	0	553	472	487	457	637	1510	2110	2370	2740	2600
2	719	0	543	466	475	457	579	1690	2200	2390	2720	2590
3	964	0	543	463	466	460	547	1840	2110	2470	2720	2590
4	964	0	550	463	466	457	506	2010	2040	2510	2740	2580
5	967	0	540	463	466	454	540	2200	2080	2540	2750	2550
6	986	0	540	457	472	460	566	2290	2070	2580	2730	2540
7	1030	0	543	457	469	460	582	2370	2120	2620	2700	2500
8	1050	0	537	454	466	457	614	2420	2130	2690	2660	2360
9	994	0	540	454	460	460	611	2510	2130	2770	2650	2340
10	945	0	540	445	466	521	608	2540	2070	2800	2630	2330
11	912	0	534	451	466	559	618	2570	2040	2830	2610	2230
12	878	0	550	457	466	585	608	2610	2000	2810	2620	2220
13	864	386	550	457	469	614	621	2610	1960	2780	2620	2190
14	850	591	543	454	463	624	621	2580	2050	2770	2620	2130
15	860	591	518	454	472	627	601	2530	2080	2810	2620	2110
16	860	591	512	457	475	618	621	2530	2100	2810	2620	2080
17	842	601	518	463	478	611	696	2530	2090	2790	2640	2100
18	850	604	503	460	475	611	271	2480	2110	2780	2670	1920
19	821	608	475	463	475	611	0	2430	2250	2800	2670	1840
20	824	608	469	463	469	611	0	2370	2300	2800	2670	1720
21	824	601	463	478	472	608	280	2290	2300	2790	2650	1580
22	824	604	451	487	472	608	582	2250	2290	2790	2660	733
23	832	601	451	487	469	608	618	2130	2290	2780	2650	460
24	821	591	448	490	469	618	627	2030	2270	2790	2630	442
25	788	627	442	487	463	637	634	2000	2310	2770	2620	376
26	774	595	445	490	463	631	757	2000	2370	2760	2650	328
27	289	559	484	487	460	634	930	2010	2340	2790	2650	249
28	0	566	506	487	460	631	1040	1990	2430	2800	2640	185
29	0	575	490	487	---	637	1190	1980	2410	2790	2620	597
30	0	569	475	487		641	1360	1920	2380	2780	2630	956
31	0		475	484		654		1920		2770	2610	
Mean	729	349	507	469	469	568	616	2,230	2,181	2,720	2,658	1,714
Acre-Feet	44,820	20,760	31,200	28,810	26,040	34,950	36,620	137,100	129,800	167,300	163,500	102,000

Year — Mean 1,275
Acre-Feet 922,900

Daily discharge, in second-feet, of SOUTH SIDE TWIN FALLS CANAL at MILNER, IDAHO, for the year ending September 30, 1923.

Plate No. 44

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1540	936	607	604	547	508	679	2120	2700	2890	3560	3510
2	1500	916	598	601	547	508	684	2670	2780	3010	2560	3480
3	1450	306	598	604	544	508	517	3260	2800	3230	3560	3500
4	1380	220	595	598	541	508	517	3140	2840	3320	3560	3500
5	1320	60	598	586	544	508	523	3130	2860	3390	3560	3510
6	1300	60	601	571	544	508	529	3200	2840	3430	3560	3460
7	1310	60	598	562	520	508	541	3340	2850	3450	3560	3350
8	1300	160	595	559	532	505	541	3310	2860	3480	3540	3260
9	1210	860	592	556	514	505	574	3350	2880	3480	3530	3280
10	1150	1030	595	556	508	500	583	3330	2850	3480	3520	3230
11	1080	789	595	562	508	500	574	3330	2850	3480	3530	3070
12	1080	568	598	565	480	508	586	3340	2860	3510	3500	3000
13	1100	604	598	553	477	517	568	3340	2880	3520	3520	2850
14	1110	640	610	538	488	520	568	3290	2910	3480	3540	2840
15	1150	661	607	535	488	520	583	3260	2950	3480	3530	2850
16	1180	664	607	532	488	520	613	2130	2950	3540	3530	2840
17	1020	634	613	538	491	526	625	3400	2910	3540	3520	2870
18	882	574	610	535	491	523	643	3240	2950	3530	3520	2870
19	858	583	610	535	491	517	720	3060	3060	3570	3530	2670
20	848	604	622	538	494	514	872	3130	3120	3570	3560	2500
21	875	613	616	538	494	511	1070	3040	3150	3560	3520	2210
22	913	613	610	535	494	511	1170	3080	3120	3550	3520	2020
23	930	616	604	538	500	517	1300	3140	3110	3550	3520	1900
24	930	628	595	541	502	396	1370	3010	3090	3570	3520	1810
25	926	622	595	541	502	60	1410	2700	3090	3560	3500	1760
26	930	613	589	541	502	60	1510	2570	3090	3560	3540	1610
27	923	616	604	541	502	60	1560	2560	3010	3600	3540	1430
28	930	607	610	544	502	60	1610	2650	2910	3600	3530	1310
29	940	598	613	547	—	60	1710	2660	2930	3580	3520	1190
30	933	604	610	550		490	1870	2660	2890	3560	3510	1120
31	933		613	550		932		2600		3610	3500	
Mean	1,095	569	603	555	508	448	887	3,001	2,936	3,474	3,533	2,627
Acre-Feet	67,300	33,840	37,100	34,100	28,240	27,550	52,800	184,500	174,700	213,600	217,200	156,300

Year — Mean 1,695
Acre-Feet 1,227,230

Daily discharge, in second-feet, of SNAKE RIVER at MILNER, IDAHO for the year ending September 30, 1952

Plate No. 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	228	524	452	886	1970	2060	556	114	2200	7550	16	11
2	223	527	449	1550	2080	2040	583	114	2400	7190	12	11
3	281	527	383	1970	2150	2060	2780	107	3800	4250	11	11
4	392	531	356	2050	2320	2060	2770	108	4080	218	10	10
5	392	762	350	2120	2140	2050	3000	925	3800	17	10	80
6	420	903	395	2100	2000	2100	3310	2960	3880	12	11	117
7	446	892	542	2080	2110	2100	3210	2130	3200	10	14	118
8	449	920	568	2240	2060	2080	2620	5400	10400	12	17	120
9	446	903	630	3210	2000	2080	2640	6770	9510	13	17	120
10	442	753	524	2120	2060	2070	2590	1450	11700	13	19	118
11	439	771	365	1840	2060	2020	2650	3380	16600	11	11	115
12	439	898	383	1950	2040	1920	2600	7500	14800	10	11	117
13	446	876	501	2090	2030	1660	2880	1900	11000	9	10	115
14	442	876	618	2160	1960	1930	2870	117	12100	9	10	115
15	487	870	646	2140	2030	2170	3060	115	11200	9	721	115
16	546	870	663	2080	2060	1970	3250	1200	10500	11	1200	114
17	531	667	722	2160	2080	1920	4160	671	10300	11	632	117
18	531	587	714	2050	2060	1960	5730	1790	9370	10	626	243
19	524	714	659	2030	2050	1980	6010	2080	4850	16	385	595
20	520	892	659	2070	2020	1910	5680	1520	631	14	21	114
21	516	1360	663	2020	2050	1850	3950	2070	205	13	81	177
22	520	1510	816	2020	2050	1850	178	4800	178	11	68	157
23	520	894	943	1960	2070	1750	158	5980	279	10	22	404
24	520	228	955	1940	2070	1780	148	2310	444	10	20	246
25	520	314	914	1960	2060	2500	165	2610	134	10	17	114
26	520	362	749	1900	2040	2320	167	2370	132	9	11	111
27	527	281	667	1880	2060	2280	165	2990	99	9	12	110
28	527	263	654	1840	2060	2170	165	2800	107	10	12	108
29	527	319	705	1920	—	2170	167	2680	1900	11	12	110
30	524	426	766	1980		1900	141	2640	7190	10	11	253
31	524		830	1920		1270		2260		52	11	
Mean	464	707	621	2,008	2,062	1,999	2,278	2,383	5,566	631	130	142
Acre-Feet	28,500	42,090	38,160	123,400	114,500	122,900	135,600	146,500	331,200	38,780	8,020	8,460

Year Mean 1,572
Acre-Feet 1,138,110

Daily contents acre feet of HENRYS LAKE near LAKE, IDAHO

Plate No. 515

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	55776								75759	82157	77586	65708
2					62001					82157	76830	
3									76578		76200	
4							68718			82349	75822	
5				61758					77082	82285	75318	
6								71317		82157	74562	
7									77838	82029	74058	
8									78342	82157	73806	
9			61394					72060	78720		73176	
10									79351	81901	72802	
11								72431		81901	72307	
12								72307	78972	82029		
13										82029		
14								73428	79351	82029		
15	56611								79478	81773		
16								74058		81773		
17									79478	81518		
18								74436				
19									79478	81901		
20										81645		64067
21								74688	79605	81645	67481	
22										81645	67110	
23								74814	79987	81262		
24									80624			
25	57446								81262	81198		
26								75003		81007	66315	
27								75066	81773	81007	66254	
28					65800*				81901	80242	66011	
29								75318		79732	65890	
30		60600*					71000*		82157	78846	65890	64200*
31	58000*		61700*	62000*		68300*		75570		78090		

* Interpolated

Mean Acre-Feet												

U. S. GOVERNMENT PRINTING OFFICE 6-7349

Year or Period _____ Mean Acre-Feet _____

Daily discharge, in second-feet, of HENRYS FORK near LAKE, IDAHO

Plate No. 47

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2								5	60	310	65
2									5	63	306	57
3									6	68	301	57
4									8	72	299	57
5							5		10	75	296	57
6									12	77	288	57
7									14	76	287	57
8									16	76	283	56
9									18	75	281	56
10									20	71	279	55
11									30	71	279	56
12									25	72	279	56
13									20	74	276	56
14									20	75	276	56
15								4	19	73	274	58
16									18	71	274	55
17									17	71	274	55
18									16	72	270	55
19									16	72	270	55
20									16	76	270	55
21									17	80	270	55
22									20	80	269	55
23									24	77	227	55
24									30	73	117	55
25									37	73	129	55
26	2								42	73	128	55
27									51	192	111	55
28									53	355	76	55
29									57	341	66	55
30									63	326	66	55
31										317	66	

Max.	Est. 2	Est. 2	Est. 2	Est. 3	Est. 3	Est. 4	Est. 5	Est. 5	23.5	111	232	56.0
Min.	123	119	123	184	167	246	298	307	1,400	6,800	14,280	3,330

Year ~~Previous~~ Mean 37.8

Acre-Feet 27,377

Daily contents in acre-feet, of ISLAND PARK RESERVOIR near ISLAND PARK, IDAHO

Plate No. 42

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	52010	52010	65210	89215	111375	130170	132070	133190	134880	135045	125165	102730
2	52130	52205	66045	89975	112240	130485	131990	133430	134880	134880	124090	101235
3	52165	52205	66940	90665	112965	130800	131990	133910	134880	134800	123020	99680
4	52245	52245	67850	91365	113840	131115	131990	134880	135450	134475	122110	97940
5	52165	52285	68565	92130	114500	131355	131910	136175	136015	134315	120970	96155
6	52010	52285	69285	92900	115450	131515	131910	136825	136500	134155	119760	94585
7	51930	52165	70115	93610	116185	131515	131910	136745	137720	133910	118860	93095
8	51930	52010	70905	94325	117000	131590	131910	136420	137805	133910	118115	91490
9	51930	51970	71645	95040	117740	131590	132470	136095	137560	133830	117295	89785
10	51890	52010	72340	95760	118560	131670	132470	135770	137560	133750	116555	88215
11	51930	52010	73100	96485	119160	131670	132390	135690	137070	133590	115815	86235
12	51930	52090	73860	97145	119910	131670	132550	135690	136665	133590	115080	84355
13	51930	52130	74630	97875	120590	131750	132550	136175	136260	133750	114715	82255
14	51930	52050	75410	98810	121270	131830	132550	136420	135690	133510	114135	80430
15	51930	52010	76190	99480	121955	132070	132550	136580	135285	133670	113405	78345
16	51970	52845	76865	100490	122565	132070	132470	136340	135285	133750	112890	76470
17	52010	53610	77545	101100	123170	132230	132470	136340	135285	133190	112240	74910
18	52010	54425	78115	101845	123860	132150	132310	136260	135285	133510	111520	72180
19	52010	55300	78920	102460	124475	132070	132230	136175	135285	133590	110800	69180
20	52010	56095	79845	103215	125245	131990	132310	136015	135125	133510	110870	66345
21	52010	56860	80605	103905	125865	131910	132310	135690	135045	133110	110300	63710
22	52010	57640	81370	104595	126485	131910	132470	135690	135045	132710	109655	61825
23	52010	58475		105290	127030	131910	132630	135770	134800	132150	109230	59540
24	52010	59315	83030	105775	127655	132150	132790	135690	134800	131670	108660	57120
25	52010	60215	83870	106475	128200	131990	132790	135285	134800	130960	107950	56775
26	52010	60990	84660	107175	128830	131990	132790	135125	134880	129930	107245	56950
27	52010	61825	85260	107810	129380	132310	132790	135125	135045	128985	106545	56905
28	51890	62805	85990	108590	129775	132310	132870	134960	135045	127965	105845	56775
29	51890	63615	86730	109300	—	132310	132870	134880	134880	127265	105360	56775
30	51930	64385	87535	109800		132150	133030	134880	135125	126795	104250	56775
31	52010		88405	110440		131990		134880		126175	103765	

Mean Acre-Feet												

Year or Period _____ Mean _____ Acre-Feet _____

Daily discharge, in second-feet, of HENRYS FORK near ISLAND PARK, IDAHO *for the year ending September 30, 1923.*

Plate No. 44

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	468	440	6	8	9	167	351	524	733	753	1190	1180
2	468	436	6	8	9	184	346	557	743	733	1190	1330
3	500	486	6	8	9	206	351	650	758	694	1190	1330
4	555	540	6	9	10	234	351	797	811	674	1190	1330
5	560	555	6	9	10	246	351	976	890	635	1190	1330
6	525	555	6	9	10	258	355	1070	1010	610	1190	1330
7	490	555	6	9	10	258	351	1050	1560	591	1200	1320
8	481	495	7	9	10	270	355	986	1880	581	1190	1320
9	481	463	7	9	10	278	400	930	1600	567	1130	1320
10	481	463	7	9	10	278	404	910	1720	562	1050	1420
11	481	525	7	9	11	278	400	935	1490	548	1050	1520
12	476	575	7	9	11	282	418	935	1320	552	1050	1520
13	476	575	7	9	11	294	409	961	1250	562	1050	1520
14	476	575	7	9	11	310	400	971	1150	567	1040	1500
15	472	195	7	9	11	328	400	971	898	567	1040	1500
16	468	6	7	9	11	328	400	971	816	576	1050	1500
17	468	6	7	9	11	337	396	992	806	567	1050	1760
18	468	6	7	9	11	337	396	956	797	538	1040	2010
19	468	6	7	9	11	332	396	920	782	533	1050	2000
20	468	6	7	9	11	328	404	885	772	658	1040	1980
21	468	6	7	9	11	328	418	851	762	787	1040	1960
22	468	6	7	9	11	332	436	851	758	743	1050	1950
23	468	6	7	9	11	337	445	821	728	748	997	1940
24	468	6	7	9	16	346	458	826	723	811	860	1210
25	468	6	7	9	56	342	458	802	728	915	865	684
26	463	6	7	9	90	346	458	758	738	956	865	689
27	458	6	8	9	125	364	463	733	762	961	860	704
28	450	6	8	9	150	360	472	713	762	956	860	655
29	440	6	8	9	---	364	486	704	753	940	915	630
30	440	6	8	9		350	504	723	772	997	1020	610
31	440		8	9		350		733		1080	1020	
Mean	476	251	6.9	8.9	24.2	302	408	854	976	708	1,049	1,368
Acre-Feet	29,280	14,920	426	547	1,340	18,550	24,260	52,490	58,060	43,560	64,510	81,420

Year — Mean 538

Acre-Feet 389,363

Daily discharge, in second-feet of

HENRYS FORK at WARM RIVER, IDAHO

Plate No. 50

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	829	847	399	374	435	545	763	1230	1170	1260	1590	1570
2	820	847	426	390	440	565	721	1380	1180	1210	1620	1680
3	840	878	430	408	440	605	733	1560	1190	1180	1660	1750
4	880	943	417	404	435	658	715	1550	1340	1140	1650	1750
5	910	1020	408	408	417	636	715	1640	1470	1120	1620	1750
6	910	1010	412	412	394	691	715	1720	1710	1080	1630	1750
7	880	995	430	412	426	697	727	1740	2310	1050	1650	1800
8	850	995	430	408	417	703	733	1640	3050	1030	1660	1730
9	840	891	318	412	412	715	817	1550	2780	1010	1650	1710
10	840	898	338	412	399	739	793	1510	2780	995	1440	1720
11	850	930	408	417	404	739	793	1680	2550	982	1430	1850
12	860	1030	435	417	399	721	805	1630	2150	988	1430	1900
13	870	1050	435	417	417	739	781	1660	2020	1010	1430	1900
14	870	1020	430	417	426	757	745	1730	1870	982	1430	1900
15	870	976	417	417	358	769	751	1680	1680	976	1430	1900
16	860	458	408	422	390	757	751	1640	1390	988	1430	1920
17	850	408	408	412	412	775	751	1750	1360	988	1430	2150
18	845	386	399	350	408	781	745	1670	1310	969	1430	2400
19	840	399	412	412	382	757	745	1580	1310	936	1460	2400
20	835	430	480	374	422	751	775	1530	1270	924	1500	2400
21	830	417	444	334	354	745	817	1420	1250	1170	1450	2550
22	820	408	430	378	404	751	859	1420	1230	1130	1400	2700
23	815	394	346	422	417	781	891	1420	1200	1090	1330	2400
24	810	410	412	510	358	805	891	1430	1180	1150	1250	1900
25	810	400	430	435	346	769	878	1370	1160	1200	1240	1150
26	811	410	417	394	394	763	884	1280	1200	1370	1230	1160
27	811	420	412	408	444	781	910	1230	1270	1340	1230	1150
28	811	400	399	422	545	781	976	1190	1270	1350	1230	1100
29	805	390	408	412	---	775	1050	1150	1260	1340	1230	1070
30	805	395	399	390		763	1150	1160	1310	1320	1440	1050
31	817		386	422		757		1160		1390	1470	
Mean	842	682	410	407	411	728	813	1,494	1,607	1,118	1,454	1,805
Acre-feet	51,760	40,570	25,240	25,010	22,800	44,770	48,360	91,840	95,640	68,760	89,400	107,400

Year Mean 983

Acre-Feet 711,580

HENRYS FORK near ASHTON, IDAHO

Plate No. 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1160	1120	731	676	751	812	1040	2440	1880	1830	1960	1830
2	1140	1130	723	707	843	850	982	2020	1840	1700	2040	2140
3	1130	1230	723	707	715	930	1030	2280	1860	1650	2100	2200
4	1160	1210	715	707	722	923	959	2300	2040	1630	2100	2200
5	1240	1420	644	707	721	923	984	2440	2220	1560	2040	2200
6	1240	1350	720	718	716	917	1050	2590	2610	1530	2020	2200
7	1480	1290	707	707	721	992	1020	2630	3440	1470	2060	2240
8	1160	1250	706	836	738	955	1020	2470	4100	1470	2060	2120
9	1160	1230	588	704	721	1040	1050	2420	3760	1440	2040	2160
10	1130	1130	518	697	713	1010	1120	2420	3790	1440	1830	2140
11	1140	1250	666	705	715	1060	1060	2490	3490	1420	1830	2340
12	1150	1380	677	714	714	1010	1160	2420	2970	1420	1810	2340
13	1180	1400	677	715	721	1010	1090	2530	2820	1470	1840	2320
14	1180	1350	675	715	729	1070	1050	2680	2660	1420	1790	2300
15	1200	1260	639	725	704	1080	1030	2570	2380	1450	1770	2320
16	1180	703	706	736	669	1090	1030	2440	2080	1450	1830	2340
17	1180	645	666	700	719	1050	1050	2700	2000	1440	1830	2420
18	1170	645	515	617	703	1080	1030	2550	1940	1390	1770	2890
19	1130	676	665	697	693	1060	1050	2420	1900	1360	1860	2910
20	1140	719	738	638	703	1070	1080	2380	1860	1340	1920	2860
21	1130	703	718	617	655	1040	1170	2160	1770	1600	1860	2970
22	1140	659	770	604	693	1050	1240	2160	1810	1560	1790	3190
23	1140	659	598	658	712	1090	1280	2160	1750	1520	1810	3080
24	1130	775	665	698	662	1130	1210	2240	1750	1580	1660	2890
25	1100	669	738	680	632	1110	1240	2140	1700	1600	1610	1610
26	1100	678	696	679	677	1080	1240	1960	1750	1770	1630	1500
27	1100	754	718	663	752	1080	1320	1940	1860	1730	1610	1550
28	1120	725	646	686	788	1080	1360	1900	1860	1750	1610	1480
29	1120	647	718	687	---	1080	1480	1860	1830	1750	1610	1390
30	1110	669	707	664		1050	2140	1880	2020	1720	1840	1380
31	1100		686	722		1070		1880		1770	1860	
Mean	1,159	978	679	693	714	1,026	1,152	2,305	2,325	1,556	1,851	2,250
Acre-Feet	71,290	58,170	41,770	42,620	39,670	63,060	68,560	141,800	138,300	95,660	113,800	133,900

Year — Mean 1,393 — Acre-Feet 1,008,600

Daily discharge, in second-feet, of HENRYS FORK at ST. ANTHONY, IDAHO

Plate No. 52

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								2340	2560	2820	962	1310
2								2470	2470	2450	1030	1510
3								3060	2450	2100	1120	1660
4								3430	2580	2170	1310	1660
5								4010	2940	2100	1260	1660
6								4420	3980	1750	1220	1700
7	1600							4690	5720	1510	1280	1840
8								4010	6610	1420	1370	1900
9								4030	6100	1310	1380	1770
10								4010	6160	1220	1250	1730
11								4110	5470	1190	1190	1940
12								4010	4480	1150	1200	2020
13								3900	4160	1070	1240	2040
14								4350	4140	962	1220	2020
15								3800	3600	994	1220	2080
16								3400	2750	1010	1250	2060
17								3780	2400	1010	1250	2100
18								3700	2250	887	1150	2650
19								3330	2210	767	1260	2750
20								2990	2210	684	1490	2720
21								2520	2230	767	1480	2890
22								2270	2340	876	1380	3430
23								2290	2400	796	1370	3230
24								3180	2470	739	1290	3110
25								3130	2610	776	1240	2000
26								2920	2610	866	1290	1820
27								2800	3400	897	1150	1840
28								2630	3400	908	1040	1780
29								2630	2890	887	994	1700
30								2720	3380	856	1120	1670
31								2580		846	1300	
Total in Acre-Feet								205,300	204,200	74,950	75,980	124,100

Mean

Period Acre-Feet 684,530

Daily Discharge, in second-feet, of HENRYS FORK NEAR REXBURG, IDAHO

Plate No. 53

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1610	1710	1460	1380	1290	1290	1560	2660	3540	5240	786	1530
2	1590	1750	1510	1360	1430	1360	1550	2690	3310	4610	855	1610
3	1570	1780	1480	1370	1550	1440	1520	2740	3220	3890	963	1810
4	1540	1830	1480	1370	1460	1480	1510	3130	3240	3280	1190	1890
5	1570	1840	1530	1370	1430	1450	1470	3490	3360	3170	1430	1910
6	1620	2130	1270	1370	1390	1430	1500	3990	3940	2990	1460	1920
7	1640	2160	1380	1370	1360	1500	1500	4500	5220	2710	1420	2040
8	1710	2080	1360	1400	1370	1520	1550	4870	6380	2460	1760	2150
9	1560	2060	1290	1470	1480	1540	1680	4500	7640	2340	1910	2030
10	1560	1980	1140	1350	1380	1550	1770	4350	7830	2170	1920	2020
11	1520	1900	1110	1350	1370	1580	1630	4360	7850	2150	1830	2110
12	1520	1960	1360	1350	1330	1650	1600	4440	7550	2210	1800	2240
13	1500	2090	1420	1350	1320	1920	1570	4440	6930	2230	1810	2300
14	1550	2090	1440	1350	1340	2230	1480	4430	6570	2050	1830	2330
15	1550	2080	1450	1370	1300	2070	1400	4700	6420	1940	1810	2350
16	1590	2010	1430	1390	1260	1900	1350	4390	5930	1960	1780	2390
17	1620	1580	1450	1360	1220	1840	1320	4040	4870	1970	1720	2430
18	1650	1470	1420	1260	1250	1820	1360	4270	4070	1910	1640	2590
19	1660	1430	1320	1200	1200	1770	1370	4230	3520	1710	1550	2940
20	1620	1410	1440	1210	1220	1740	1390	3960	3160	1510	1700	3120
21	1630	1460	1500	1180	1180	1710	1620	3630	2990	1370	1920	3270
22	1640	1440	1470	843	1160	1740	1830	3260	2920	1250	1940	3620
23	1710	1380	1490	963	1220	1830	2020	3290	2950	1210	1890	3930
24	1710	1470	1400	1130	1200	2020	2050	3200	3040	1170	1780	3960
25	1690	1520	1420	1240	1150	1920	1870	3760	3370	1130	1580	3670
26	1650	1380	1450	1270	1090	1830	1730	3790	3640	1090	1560	2830
27	1640	1420	1400	1170	1180	1790	1690	3640	4040	996	1510	2700
28	1660	1500	1410	1140	1240	1760	1720	3690	4840	904	1320	2630
29	1670	1420	1370	1170	—	1700	1800	3650	5040	867	1030	2530
30	1670	1390	1420	1310		1680	1920	3590	5040	885	950	2430
31	1690		1400	1190		1610		3610		808	1160	
Mean	1,616	1,724	1,402	1,278	1,299	1,699	1,611	3,848	4,747	2,070	1,542	2,509
Acre-Feet	99,390	102,600	86,220	78,560	72,140	104,500	95,860	236,600	282,500	127,300	94,820	149,300

U. S. GEOLOGICAL SURVEY PUBLICATION OFFICE 6-7119

Year — Mean 2,113
Acre-Feet 1,529,790

Daily ~~discharge~~ contents acre-feet, of GRASSY LAKE near MORAN, WYOMING for the year ending September 30, 19[illegible]

Plate No. 54

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6417	6866	7363	7891	8340	8842	9231	9608	13325	15244	15198	15182
2	6417	6889	7375	7915	8367	8854	9244	9634	13565	15244	15198	15182
3	6440	6912	7399	7927	8392	8867	9244	9673	13835	15244	15198	15182
4	6463	6935	7411	7939	8417	8879	9257	9712	14060	15244	15198	15182
5	6486	6958	7423	7963	8442	8904	9270	9751	14315	15244	15198	15182
6	6509	6981	7435	7987	8467	8917	9283	9816	14640	15244	15198	15182
7	6532	7004	7447	8011	8492	8929	9296	9907	14965	15244	15198	14981
8	6544	7027	7459	8035	8517	8942	9309	9972	15306	15244	15198	14779
9	6555	7050	7471	8047	8542	8954	9322	10024	15353	15244	15198	14578
10	6578	7073	7495	8059	8554	8954	9335	10103	15368	15244	15198	14376
11	6590	7084	7507	8071	8567	8967	9348	10224	15368	15244	15198	14165
12	6601	7107	7519	8083	8579	8979	9361	10332	15368	15244	15198	13970
13	6613	7130	7531	8107	8604	8992	9374	10454	15368	15244	15198	13760
14	6624	7153	7543	8131	8629	9004	9387	10629	15368	15244	15198	13565
15	6636	7176	7555	8143	8654	9017	9400	10778	15260	15244	15182	13385
16	6647	7199	7567	8167	8679	9029	9400	10899	15260	15244	15182	13385
17	6670	7222	7579	8192	8704	9042	9413	11034	15260	15244	15182	13385
18	6693	7245	7591	8204	8717	9054	9413	11160	15260	15244	15182	13385
19	6716	7257	7603	8216	8729	9067	9426	11286	15260	15229	15182	13385
20	6728	7268	7627	8216	8754	9067	9426	11412	15275	15229	15182	13385
21	6739	7268	7651	8229	8767	9079	9439	11510	15275	15229	15182	13385
22	6751	7280	7675	8229	8779	9092	9452	11594	15275	15198	15182	13385
23	6762	7280	7699	8242	8792	9104	9478	11706	15275	15198	15182	13385
24	6774	7291	7723	8254	8792	9129	9491	11804	15260	15198	15182	13385
25	6785	7291	7747	8267	8804	9142	9504	11930	15260	15198	15182	13385
26	6797	7303	7771	8279	8804	9154	9517	12085	15260	15198	15182	13400
27	6808	7315	7783	8279	8817	9167	9530	12230	15260	15198	15182	13400
28	6820	7327	7807	8292	8829	9179	9543	12404	15260	15198	15182	13400
29	6831	7339	7831	8292	—	9192	9556	12593	15260	15198	15182	13400
30	6843	7351	7855	8304		9205	9582	12796		15198	15182	
31	6854		7879	8317		9218		13071		15198		

Mean Acre-Feet												

Year or Period _____ Mean Acre-Feet _____

Daily discharge, in second-feet, of FALL RIVER near SQUIRREL, IDAHO *for the year ending September 30, 19 43*

Plate No. 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	454	514	440	425	404	390	380	776	1880	1570	462	578
2	454	514	435	425	404	390	371	920	1870	1500	462	562
3	454	491	430	425	404	390	350	1130	1960	1450	478	554
4	454	476	425	425	404	380	345	1400	2060	1470	673	546
5	454	630	420	425	404	370	350	1650	2370	1400	530	538
6	440	554	415	420	404	365	360	1850	2940	1330	485	586
7	425	491	411	420	404	370	370	2050	2900	1270	485	691
8	418	476	405	420	404	370	374	1810	2750	1210	646	637
9	418	476	380	420	410	371	400	2020	2550	1170	570	637
10	418	476	360	420	418	375	440	2200	2400	1120	538	637
11	418	483	380	415	408	385	420	2300	2020	1090	538	628
12	418	491	405	415	405	395	390	2200	1940	1020	530	637
12	418	499	420	415	405	395	380	2240	1940	958	530	637
14	418	476	425	415	405	395	370	2140	1990	895	530	637
15	432	468	435	415	400	397	368	1920	1570	916	530	637
16	447	440	440	420	395	395	370	1650	1450	865	570	554
17	491	397	440	410	390	395	375	1800	1420	865	515	586
18	491	397	440	385	390	395	380	1870	1400	786	500	602
19	476	454	440	375	390	390	390	1650	1480	719	776	562
20	461	491	440	365	385	390	422	1540	1620	700	619	554
21	461	491	440	395	385	395	500	1380	1900	628	655	554
22	461	485	440	395	380	397	650	1290	2170	610	610	757
23	447	480	435	395	380	397	594	1330	2250	570	594	628
24	447	476	430	395	378	397	540	1600	2330	562	578	610
25	447	470	425	395	380	397	480	1650	2400	546	610	610
26	432	465	425	405	385	397	455	1700	2470	522	610	610
27	432	460	420	405	390	397	490	1730	2540	508	586	600
28	432	455	420	405	390	397	530	1760	2200	492	562	590
29	432	450	423	405	—	395	580	1830	1950	500	562	580
30	432	445	425	405		390	650	1940	1650	492	562	570
31	476		425	405		385		1920		462	628	
Mean	444	479	422	408	396	389	436	1,718	2,079	910	565	604
Acre-Feet	27,290	28,500	25,970	25,110	22,020	23,890	25,930	105,600	123,700	55,930	34,760	35,920

Year Mean 738

Acre-Feet 534,620

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Daily discharge, in second-feet, of FALL RIVER near CHESTER, IDAHO, for the year ending September 30, 19 43

Plate No. 56

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								864	1840	1380	64	298
2								1090	1770	1240	74	286
3								1450	1790	1190	92	286
4								1830	1740	1240	245	278
5								2240	1920	1180	166	278
6								2520	2400	990	129	328
7								2710	2970	882	134	395
8								2240	2950	802	238	346
9								2470	2740	722	204	311
10								2520	2640	621	183	307
11								2640	2320	557	183	303
12								2520	2010	508	183	294
13								2440	2010	406	190	298
14								2550	2120	351	186	298
15								2190	1760	356	183	303
16								1920	1450	337	193	274
17								2120	1290	316	162	303
18								2020	1230	249	137	311
19								1780	1260	156	204	290
20								1680	1360	99	328	290
21								1460	1460	82	337	328
22								1320	1620	74	290	467
23								1320	1660	30	269	418
24								1920	1760	112	282	390
25								1710	1770	110	307	440
26								1770	1720	96	316	495
27								1900	2300	106	269	470
28								1790	1990	120	219	450
29								1940	1580	117	193	430
30								2020	1710	94	215	420
31								1940		62	286	
Mean								1,964	1,905	470	208	346
Acre-Feet								120,800	113,300	28,930	12,820	20,600

U. S. GOVERNMENT PRINTING OFFICE 6—7119

Year or Period: Mean _____ Acre-Feet 296,450

Daily discharge, in second-feet, of TETON RIVER near TETONIA, IDAHO *, for the year ending September 30, 19* 45

Plate No. 57

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	319	339	205	200	195	180	245	242	880	1300	608	588
2	314	329	205	200	200	185	235	234	839	1050	601	548
3	310	301	205	200	205	190	235	238	872	1150	615	541
4	305	292	205	200	210	180	230	250	913	1250	708	535
5	301	364	200	200	215	175	260	270	980	1320	657	522
6	292	397	200	200	215	170	350	292	1190	1400	615	510
7	288	354	198	200	215	170	431	310	1250	1360	608	516
8	292	344	195	200	215	175	500	310	1290	1320	686	516
9	292	305	186	200	215	180	400	305	1230	1260	693	497
10	292	292	160	200	215	185	320	314	1150	1240	678	478
11	288	301	180	200	215	195	290	359	1060	1250	636	466
12	288	324	195	200	214	210	260	359	913	1260	622	448
13	288	354	200	200	215	280	250	370	1020	1260	643	443
14	288	324	205	200	215	250	246	380	1340	1210	643	443
15	310	296	200	200	210	235	255	392	1220	1190	615	437
16	329	292	200	180	210	225	262	448	972	1250	601	437
17	329	288	200	142	210	217	290	510	856	1180	568	466
18	319	292	200	140	210	210	320	460	792	1140	548	466
19	301	295	200	135	210	205	360	425	792	1120	588	460
20	292	295	200	130	190	198	450	443	897	1030	671	454
21	292	295	200	160	175	215	541	431	1060	1020	708	478
22	288	290	200	160	175	250	460	484	1220	1050	657	686
23	288	280	200	160	160	330	400	443	1550	1020	595	629
24	279	275	200	160	150	305	310	420	1680	1010	548	541
25	279	270	200	160	145	280	285	410	1730	947	574	497
26	274	260	200	185	150	265	275	420	1720	888	636	466
27	279	250	200	185	160	250	272	437	1770	808	581	460
28	274	235	200	185	170	240	270	448	1870	730	541	448
29	274	220	198	185	—	240	250	478	1680	693	522	437
30	279	210	200	185		240	242	574	1520	664	554	437
31	283		200			254		716		636	671	
Mean	294	299	198	182	196	222	316	393	1,209	1,097	619	495
Acre-Feet	18,100	17,780	12,170	11,180	10,880	13,650	18,830	24,140	71,910	67,450	38,060	29,460

Year — Mean 461

Acre-Feet 333,610

Daily discharge, in second-feet, of TETON RIVER near ST. ANTHONY, IDAHO for the year ending September 30, 1942

Plate No. 58

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	558	549	448	410	390	355	466	618	2230	2340	976	946
2	549	592	444	410	390	361	440	666	2260	1940	961	873
3	544	568	444	410	390	382	412	789	2210	1780	976	837
4	549	549	435	410	390	357	399	954	2210	1980	1120	816
5	558	587	426	410	390	353	404	1140	2250	2210	1040	803
6	549	666	430	410	390	332	444	1360	2680	2360	969	803
7	544	634	426	415	382	344	573	1500	2930	2320	976	816
8	558	628	417	417	386	349	719	1430	3090	2270	1020	789
9	578	582	361	408	404	340	852	1470	3180	2190	1060	782
10	578	563	289	399	391	336	628	1550	2920	2110	1040	769
11	573	563	340	399	386	344	554	1820	2740	2110	1010	737
12	544	568	360	399	386	369	516	1760	2450	2080	983	719
13	544	592	380	399	386	498	471	1640	2400	2020	983	706
14	539	582	400	408	412	608	440	1830	2700	1940	976	694
15	530	526	410	408	417	494	440	1680	2490	1990	946	694
16	558	480	410	408	395	440	458	1590	2130	2000	924	689
17	573	521	410	378	395	412	476	1640	1880	1860	895	712
18	578	458	415	353	391	395	503	1760	1730	1770	866	731
19	563	435	420	340	386	374	587	1610	1770	1720	924	719
20	549	448	420	320	382	369	917	1510	1960	1640	1030	706
21	544	448	415	290	378	378	1170	1400	2240	1600	1090	719
22	544	435	410	320	365	448	1120	1350	2610	1560	1060	895
23	544	458	410	340	350	650	932	1310	2870	1540	976	924
24	521	476	405	350	345	563	731	1470	3060	1500	924	837
25	521	408	400	360	340	484	650	1540	3060	1430	932	776
26	516	430	400	360	340	453	618	1600	3010	1350	991	737
27	516	453	400	365	340	444	608	1710	3120	1270	954	719
28	516	448	400	370	340	430	597	1670	3050	1170	866	712
29	512	412	400	370	—	417	602	1700	2710	1100	837	694
30	512	444	405	380		422	602	1950	2480	1060	859	684
31	512		410	390		448		2100		1030	991	
Mean	544	517	405	381	380	418	611	1,487	2,547	1,782	973	768
Acre-Feet	33,470	30,750	24,870	23,420	21,100	25,680	36,360	91,470	151,600	109,600	59,810	45,700

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Year — Mean 903
Acre-Feet 653,830

Daily discharge, in second-feet, of PORTNEUF RIVER at POCATELLO, IDAHO *, for the year ending September 30, 19* 45

PLATE NO. 59

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	92	142	269	259	257	296	375	548	531	251	91	107
2	95	155	269	259	359	295	372	592	533	248	97	113
3	105	166	272	254	481	295	361	623	514	234	108	118
4	104	169	269	253	521	295	359	645	516	206	116	142
5	109	185	267	254	540	290	354	666	557	180	109	174
6	109	202	265	256	519	290	357	687	612	171	107	164
7	109	209	265	272	450	280	381	714	664	163	122	164
8	112	228	264	306	392	280	409	716	707	134	198	167
9	118	250	257	361	348	285	426	694	738	131	173	166
10	118	248	238	340	361	293	414	682	759	134	160	164
11	121	261	221	320	379	328	396	680	771	118	146	152
12	121	294	210	300	392	386	386	670	769	112	159	152
13	121	309	200	297	381	428	373	668	752	110	152	191
14	125	311	200	316	440	481	364	657	735	99	157	264
15	126	304	200	366	555	510	355	641	716	108	157	256
16	132	288	200	370	544	479	354	610	684	132	153	238
17	130	277	200	342	493	422	354	607	643	136	146	228
18	131	262	200	311	418	375	352	614	612	136	139	224
19	131	257	210	301	373	354	359	621	570	131	142	218
20	132	254	250	288	355	343	403	612	525	108	160	220
21	132	256	272	283	340	340	466	612	470	105	163	236
22	135	257	280	267	330	357	510	603	416	103	160	297
23	139	250	340	250	330	390	516	581	357	99	153	333
24	136	254	333	240	315	401	527	566	314	93	150	335
25	138	259	294	240	300	368	525	546	296	103	152	313
26	136	257	289	240	310	359	498	533	294	85	142	296
27	135	257	267	240	310	377	477	523	308	89	141	297
28	135	262	262	230	295	381	470	512	306	87	141	291
29	135	257	269	230	---	381	479	502	277	86	134	283
30	135	254	270	230		372	512	491	261	89	138	280
31	136		262	230		368		487		87	127	
Mean	124	244	254	281	396	358	416	610	540	131	142	219
Acre-Feet	7,600	14,550	15,600	17,270	21,990	22,010	24,760	37,490	32,150	8,070	8,710	13,060

Year Mean 308

223,260