STATE OF IDAHO
DEPARTMENT OF RECLAMATION
JAMES SPOFFORD, STATE RECLAMATION ENGINEER

C. A. BOTTOLFSEN
GOVERNOR

BOISE

January 11, 1944

Hon. C. A. Bottolfsen
Governor of Idaho
Building

Dear Governor Bottolfsen:

Herewith is transmitted the annual report of Lynn Crandall, watermaster and special deputy state reclamation engineer, for Water District No. 36, for the year 1943.

The report summarizes the operations connected with the distribution of the waters of the Snake River to the lands within this water district, which comprises over 1,000,000 acres and extends from the head waters of the river to the lands served by water diverted from Milner Dam.

This report discloses that 1943 was an unusually good water year and that all reservoirs filled to capacity and in addition 2,680,000 acre feet of surplus water in excess of Idaho Power rights spilled past Milner Dam to waste during the year ending September 30, 1943.

It is also noted from the report that considerable flood damage in the upper valley resulted from high spring floods. The Army Engineers have recently made a survey of this damage as well as making an estimate of costs of re-building dikes and enlarging the channel at several locations on the south fork of the Snake River between Heise and Roberts to take care of next spring's flood waters. Federal funds have been approved in the amount of $42,500 for this work and bids are now being advertised for the improvements.

The report also discloses that the 1943 run-off in general was about the same as that for 1927-28 and exceeded any that has occurred during the past fifteen years.

The water content in the snow cover of the watershed on January 1, 1944, is far below average. However, with the heavy carry-over of 1,763,000 acre feet in the reservoirs and better than average ground water conditions, the prospects for a fair water supply for the 1944 irrigation season may not be too discouraging.

The distribution of water in District No. 36 during 1943 was carried on in the usual efficient manner in cooperation with the water users, Committee of Nine, U. S. Geological Survey, U. S. Bureau of Reclamation and this Department.

Respectfully submitted,

James Spofford
James Spofford
State Reclamation Engineer.

JS:lt

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

WATER DISTRICT NO. 36

C. A. BOTTOLFSEN, GOVERNOR
JAMES SPOFFORD, COMMISSIONER

January 4, 1944

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

Dear Sir:

Herewith is the annual report for 1943 of the operation of Water District No. 36. The report is similar in form to those that have been issued annually since 1919. Operations in this district, as you know, are carried on under an agreement between the U. S. Geological Survey, State of Idaho, and Snake River water-users. The work of collecting stream-flow records is combined with that of water distribution, each of the cooperating parties paying a part of the expense of the work in proportion to their respective interests.

The year was one of abundant run-off with ample water supplies. There were over 1,700,000 acre-feet of stored water still remaining in the Snake River reservoirs at the close of the 1943 irrigation season.

The advice and assistance that was always available from your Department has been especially appreciated. Thanks are also due to the members of the Committee of Nine for their interest and consideration of the problems confronting the District. The cooperation of the U. S. Bureau of Reclamation and its employees, the canal companies, deputy watermasters, hydrographers, etc., has contributed greatly to the efficient distribution of water in the District. Particular thanks are due to Henry C. Eagle and Charlotte M. Elg for their capable assistance in the preparation of this report.

Very truly yours,

LYNN CRANDALL

Watermaster.

CONTENTS

PLATES

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

Plates - continued.

INTRODUCTION

At the annual watermaster election of the District, held at Idaho Falls on March 1, 1943, 50 canals with 37,198 sec.-ft. of decreed rights were represented. Lynn Crandall was elected as watermaster for the ensuing year and the following were elected as members of the Committee of Nine:

> F. A. Miller, Chairman; E. H. Neal, Vice-Chairman; H. L. Crawford, J. E. Kelley, Eph Ricks, Hyrum Severson, N. V. Sharp, R. E. Shepherd, and A. E. Stanger.
>
> Advisory members: S. R. Marean, representing the Bureau of Reclamation, and L. W. Hastings, representing Teton Basin; John Lee, Secretary. Mr. Hastings, at his own request, was later replaced by F. C. Gillette.

Mr. Miller, who had been a member of the Committee since its organization in 1923 and chairman since 1936, died in June 1943.

The following schedule of stored water transmission losses, being the same as those used in recent years, was again approved by the waterusers for use during 1943: 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 budget adopted for the year beginning April 1, 1943, amounted to $24,117.00, with provision for the apportionment of a year's cost at the end of September 1943 among all canals in proportion to the total amount of water diverted during the 1943 irrigation season. For this purpose the irrigation season was to be taken as April 15 to September 30 in the lower valley, May 1 to September 30 in the upper valley, and May 15 to September 30 on the headwater areas, Teton Basin, Island Park, and Swan Valley.

It was apparent from the snow surveys available at the time of the annual water meeting that a heavy run-off for 1943 could be anticipated. There was considerable flood damage in the upper valley but fortunately the precipitation during the spring months was below normal, otherwise the damage from floods would have been much more serious than it actually was.

All reservoirs filled to capacity and 2,680,000 acre-feet of surplus water in excess of Idaho Power Company rights was spilled past Milner to waste during the year ending September 30, 1943.

The snow melting period on the upper watershed began early and extended over a longer period than usual. As a result considerable water went into the ground and built up the ground water levels to a higher point than has occurred for many years past. This, together with a heavy return flow from the irrigated areas, provided a well **sustained** normal flow throughout the summer, so that rights earlier than August 18, 1894 priority were never cut.

An abundant supply was available to all canals that could be supplied with stored water, except a few canals on the north side of the river above Lorenzo, where a change in the river channel turned the main river flow away from their headgates and they got along on a reduced supply rather than go to the expense of digging new channels to their headings. Under several canals the "sub" was higher than usual, resulting in reduced diversion requirements at their river headings. Regulation began July 20 and was discontinued September 26, with 1,763,000 acre-feet, or 61% of capacity, remaining in the reservoirs. Even in this year of heavy well sustained natural flow, the use of stored water was in excess of 1,100,000 acre-feet and amounted to 39% of the combined reservoir capacity.

The Bureau of Reclamation continued its water supply and water conservation studies in connection with the proposed Palisades Reservoir, securing complete records of winter diversions by upper valley canals for the first time.

PERSONNEL

The persons engaged in water distribution during 1943 were as follows:

Lynn Crandall	Watermaster & Deputy Comm. of Reclamation
Henry C. Eagle	Assoc. Engineer & Deputy Watermaster.
Melvin Luke	Deputy Watermaster & Hydrographer at St.Anthony.
I. V. Goslin	Hydrographer.
Ray M. Berry	Hydrographer.
Charlotte M. Elg	Clerk.
Oleen Dummer	Deputy Watermaster & Hydrographer, Teton Basin.
D. W. Archibald	Deputy Watermaster, Henrys Fork.
J. Bohi	Deputy Watermaster, Henrys Fork and Lower Teton River.
Walter C. Lenz	Deputy Watermaster, Upper Fall River.
D. R. Crystal	Deputy Watermaster, Heise Division.
H. M. Bramwell	Deputy Watermaster, Rigby Division.
A. H. Bush	Deputy Watermaster, Idaho Falls Division.
Eugene Liljenquist	Deputy Watermaster, Blackfoot Division.
J. E. Gish & R. H. Rambo	Deputy Watermasters, Milner Dam.
F. S. Thomas	Deputy Watermaster, Swan Valley Division
S. R. Marean	Supt. Minidoka Project, Bureau of Reclamation.
A. W. Heath	Supt. Am. Falls Res., " " "
Glenn Simmons	Supt. Jackson Lake, " " "
S. Geo. Pilcher	Supt. Island Park Res., " " "
J. J. Taylor	Supt. Grassy Lake, " " "

Gage readers: H. L. Young, Joseph H. Bahr, Jr., James M. Fugal, S. P. Sorenson, Mrs. Irvin Siepert, D. R. Anthony, D. O. Rawson, T. E. Culley, A.J. Ayers, J. F. Johnson, J. A. Clough, Mrs. Levi Stone, and Geo. Ball.

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

Year	January Snow	January Water	February Snow	February Water	March Snow	March Water	April Snow	April Water
1919	36	8.1	45	12.0	52	16.8	49	18.4
1920	49	9.6	54	13.8	74	21.5	70	23.0
1921			63	17.9	65	20.6	56	21.3
1922	54	14.2	72	18.2	73	22.0	64	23.4
1923	43	11.3	51	15.6	64	20.7	54	23.0
1924	44	10.8	47	13.5	51	15.8	48	17.7
1925	50	12.8	66	24.0	75	25.9	50	21.9
1926	32	9.0	52	14.0	49	16.6	40	15.6
1927	66	18.5	75	27.0	82	33.0	85	36.0
1928	58	18.0	59	20.4	69	23.8	80	31.5
1929	37	8.8	60	16.5	61	20.2	62	22.0
1930	36	8.3	49	13.5	53	16.8	27	11.7
1931	25	5.2	30	6.2	35	8.4	27	8.9
1932	47	12.1	64	20.0	69	24.0	61	25.0
1933	46	10.8	67	18.8	67	21.6	62	24.0
1934	36	8.5	35	12.9	40	15.3	33	15.7
1935	51	12.2	46	14.3	52	17.9	60	23.8
1936	61	13.8	77	23.1	82	29.9	75	32.0
1937	39	8.4	60	16.2	60	19.7	61	24.3
1938	42	11.3	61	18.9	65	22.5	67	27.7
1939	46	11.6	69	20.4	74	24.0	42	19.1
1940	28	6.3	43	11.3	55	18.5	40	17.6
1941	43	11.2	53	15.3	49	15.8	34	13.5
1942	35	9.6	50	14.5	53	16.6	35	14.1
1943	67	23.2	91	33.3	100	37.4	67	33.7
Average, inches	45	11.4	58	17.3	63	21.0	54	21.8

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 1943 water content as a percent of average was as follows: January 203%, February 192%, March 178%, April 155%. The 1943 run-off at Moran was 137% 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

	Feb. 1-6		Mar. 23-29	
Year	Snow	Water	Snow	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
Average inches	40	10.8	54	17.6

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

The 1943 snow survey on the Buffalo River watershed showed 210% of average in February and 169% 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

Station	Last of Dec.		Last of Jan.		Last of Feb.		Last of Mar.		Last of April	
	Snow	Water	Snow	Water	Snow	Water	Snow	Water	Snow	Water
Island Park (Henrys Fork)										
1936 Season	21	4.2	41	11.0	54	15.6	50	16.0		
1937 "	25	3.0	44	9.0	51	14.6	48	14.5	33	12.0
1938 "	26	5.9	37	8.2	48	11.9	64	19.5	18	7.6
1939 "	24	4.9	48	10.1	53	14.4	33	11.2		
1940 "	10	1.0	27	5.1	41	10.8	35	11.7		
1941 "	28	4.1	38	8.4	40	10.3	32	9.6		
1942 "	29	4.9	42	9.7	47	12.5	41	13.1		
1943 "	42	9.8	70	19.1	70	23.3	59	20.6	0	0
Average	26	4.7	43	10.1	50	14.2	45	14.5		
Big Springs (Henrys Fork)										
1936 Season	24	5.5	54	15.6	65	21.8	70	23.3		
1937 "	26	3.4	52	10.5	63	17.6	59	20.2	41	17.3
1938 "	28	6.4	40	9.6	53	14.7	72	23.3	32	12.0
1939 "	31	7.8	48	11.4	60	18.3	50	17.8		
1940 "	11	1.1	27	6.1	46	11.9	41	14.0		
1941 "	34	6.0	46	11.2	47	13.0	45	14.2		
1942 "	30	5.1	47	10.4	55	15.4	48	16.0		
1943 "	53	12.9	82	23.9	87	29.6	76	30.0	32	15.9
Average	30	6.0	50	12.3	59	17.8	58	19.8		
Valley View Ranch (Henrys Fork)										
1936 Season	22	5.0	-	-	-	-	58	19.8		
1937 "	23	3.1	-	-	-	-	47	13.8	31	12.2
1938 "	-	-	-	-	-	-	62	20.0	30	12.5
1939 "	22	3.8	-	-	-	-	40	12.2		
1940 "	8	0.7	21	4.0	33	7.8	31	10.1		
1941 "	30	2.9	-	-	-	--	32	9.3		
1942 "	21	4.0	-	-	-	-	38	10.9		
1943 "	-	-	-	-	-	-	58	21.1	14	6.3
Average	21	3.2	-	-	-	-	46	14.6		
Grassy Lake (Fall R.)										
1940 Season	34	13.3	50	21.5	78	32.6	66	33.0		
1941 "	61	18.2	72	23.7	75	27.5	64	23.9	56	28.6
1942 "	-	-	52	16.9	71	23.6	66	23.9	45	20.8
1943 "	74	19.4	114	36.1	113	42.3	106	42.8	82	44.8
Average	56	17.0	72	24.5	84	31.5	76	30.9	61	31.4
Bechler Ranger Sta. (Fall R.)										
1936 Season	40	9.6	71	20.6	87	29.1	87	31.0		
1937 "	26	4.5	59	13.1	72	22.3	68	24.8		
1938 "	32	8.2	52	14.0	59	18.9	91	29.4		
1939 "	39	10.0	69	17.2	85	25.1	57	24.4	18	8.3
1940 "	31	6.0	43	12.8	56	18.0	63	25.0	31	15.8
1941 "	42	9.4	58	15.3	59	18.8	46	16.4		
1942 "	30	6.9	46	12.4	62	18.3	57	20.2	25	9.7
1943 "	-	-	-	-	99	34.0	82	35.0	35	19.0
Average	34	7.8	57	15.1	72	23.1	69	25.8	27	13.2

Station	Last of Dec.		Last of Jan.		Last of Feb.		Last of Mar.		Last of April	
	Snow	Water	Snow	Water	Snow	Water	Snow	Water	Snow	Water
Teton Pass (Teton R.)										
1936 Season	28	7.4	74	19.6	100	32.0	116	37.0		
1937 "	-	-	41	11.4	62	20.0	72	24.2		
1938 "	33	9.0	-	-	69	25.4	97	34.6		
1939 "	49	13.2	55	16.0	78	26.4	77	28.6		
1940 "	14	1.0	48	11.0	61	16.6	63	22.2		
1941 "	41	9.2	51	11.8	57	15.2	56	18.4		
1942 "	33	7.8	45	14.0	58	18.8	63	21.4		
1943 "	61	18.8	-	-	105	42.4	119	51.2		
Average	37	9.5	52	13.9	74	24.6	83	29.7		
State Line (Teton R.)										
1936 Season	21	4.0	49	11.4	66	21.0	75	28.0		
1937 "	-	-	32	8.1	45	12.6	42	15.0		
1938 "	15	2.0	-	-	41	12.9	56	20.1		
1939 "	31	6.1	34	7.1	46	12.1	35	12.8		
1940 "	6	0.4	31	5.2	36	8.6	27	10.1		
1941 "	30	5.0	36	7.3	42	10.1	30	9.7		
1942 "	24	4.0	33	9.1	39	12.0	39	12.4		
1943 "	46	13.7	65	21.3	67	24.0	64	26.2		
Average	25	5.0	40	9.9	48	14.2	46	16.8		
East Rim (Hoback R.)										
1936 Season	10	1.7	-	-	-	-	62	22.6		
1937 "	17	2.8	-	-	-	-	38	12.2	35	12.9
1938 "	19	4.0	-	-	-	-	45	13.2	20	6.6
1939 "	23	4.9	-	-	-	-	33	7.2	-	-
1940 "	-	-	-	-	-	-	25	7.0	24	6.0
1941 "	-	-	-	-	34	10.4	32	11.0	-	-
1942 "	-	-	-	-	32	7.0	32	7.9	-	-
1943 "	-	-	-	-	51	15.9	54	18.1	-	-
Average	17	3.4	-	-	39	11.1	40	12.4		
Bryan Flat (Hoback R.)										
1936 Season	11	1.7	32	7.1	-	-	50	19.5		
1937 "	14	2.3	19	4.9	33	8.1	30	10.2	14	5.6
1938 "	13	2.8	21	5.5	26	6.7	39	11.4	0	0
1939 "	17	3.9	30	6.6	31	8.4	24	8.0		
1940 "	4	0.3	20	4.6	19	6.5	16	4.3		
1941 "	24	5.3	26	5.8	33	9.5	23	9.0		
1942 "	19	3.2	23	5.2	29	5.4	28	7.4		
1943 "	42	10.9	55	13.5	57	17.4	44	14.4		
Average	18	3.8	28	6.6	33	8.9	32	10.5		
Yellowjacket (Gros Ventre R.)										
1936 Season	8	1.0	20	2.9	46	10.0	38	11.3		
1937 "	9	1.2	13	2.3	22	4.3	20	6.4	10	2.9
1938 "	12	2.8	16	3.2	21	4.2	31	7.5	0	0
1939 "	16	2.6	20	3.9	26	5.2	19	5.1		
1941 "	-	-	19	3.3	-	-	23	5.1		
1942 "	-	-	-	-	-	-	21	4.3		
1943 "	-	-	21	3.3	47	10.1	45	12.3		
Average	11	1.9	18	3.2	32	6.8	28	7.4		

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
Grover Park Divide (Salt River)								
1936 Season	-	-	46	12.6	46	15.8	69	19.6
1937 "	23	4.1	24	4.5	36	10.8	36	11.4
1938 "	16	4.2	25	5.6	25	7.9	42	12.4
1939 "	-	-	23	6.4	36	9.4	20	7.6
1940 "	-	-	26	6.6	31	9.9	25	9.8
1941 "	27	4.6	30	7.0	31	9.1	21	8.0
1942 "	-	-	26	5.2	31	8.5	28	8.8
1943 "	-	-	46	13.8	43	13.9	45	15.2
Average	22	4.3	31	7.7	35	10.7	36	11.6
CCC Camp FF12 (Salt River)								
1936 Season	-	-	35	10.7	53	17.1	65	22.7
1937 "	17	3.5	22	4.4	36	9.2	35	12.3
1938 "	18	4.4	30	6.7	32	8.4	43	13.2
1939 "	-	-	29	5.7	36	10.1	21	7.8
1940 "	-	-	26	5.9	27	8.8	22	8.4
1941 "	23	4.4	25	6.6	31	8.1	23	8.2
1942 "	-	-	24	4.5	29	6.8	26	7.2
1943 "	-	-	50	14.7	46	14.2	48	15.7
Average	19	4.1	30	7.4	36	10.3	35	11.9
Afton Ranger Sta. (Salt River)								
1936 Season	-	-	28	8.0	26	10.2	24	9.8
1937 "	11	2.4	13	2.4	19	4.5	7	2.9
1938 "	7	1.3	11	2.3	10	2.9	0	0
1939 "	-	-	23	3.7	25	6.2	0	0
1940 "	-	-	15	2.8	9	2.8	0	0
1941 "	14	2.5	16	4.0	15	4.6	0	0
1942 "	-	-	15	3.3	19	4.0	0	0
1943 "	-	-	26	5.5	21	5.5	0	0
Average	11	2.1	18	4.0	18	5.1	4	1.6
Somsen's Ranch (Grays Lake)								
1936 Season	-	-	-	-	51	16.5	64	20.7
1937 "	-	-	28	5.6	37	10.7	36	12.0
1938 "	-	-	25	5.4	29	7.6	40	12.6
1939 "	-	-	33	6.2	38	9.8	15	5.5
1940 "	-	-	24	5.0	26	7.8	19	6.9
1941 "	-	-	27	6.0	31	8.3	26	7.9
1942 "	-	-	29	6.8	33	9.1	33	9.5
1943 "	-	-	51	15.3	48	15.8	48	17.2
Average	-	-	31	7.2	37	10.7	35	11.5
Deadman Ranch (Greys R.)								
1936 Season	-	-	36	9.6	58	19.1	77	24.8
1937 "	15	2.5	24	5.1	37	9.3	32	9.4
1938 "	13	2.5	24	4.9	26	7.6	35	10.5
1939 "	28	4.1	36	6.6	36	9.4	T	T
1940 "	T	T	22	3.4	20	3.1	-	-
1941 "	29	5.9	29	8.0	31	10.7	20	8.0
1942 "	19	2.0	24	3.8	31	5.8	29	6.7
1943 "	-	-	59	17.4	57	19.8	54	18.4
Average	17	2.8	32	7.4	37	10.6	35	11.1

Station	Last of Dec.		Last of Jan.		Last of Feb.		Last of Mar.	
	Snow	Water	Snow	Water	Snow	Water	Snow	Water
Greys Boundary (Greys River)								
1936 Season	-	-	38	9.3	46	15.0	50	18.9
1937 "	-	-	25	3.0	40	10.3	31	11.6
1938 "	16	3.9	29	6.9	29	8.6	32	12.4
1939 "	-	-	41	8.0	44	13.3	23	7.6
1940 "	-	-	29	7.2	28	9.5	14	6.1
1941 "	-	-	26	5.6	28	8.9	16	5.9
1942 "	24	4.1	26	5.9	36	8.1	31	8.9
1943 "	-	-	46	12.2	47	15.5	41	14.7
Average	-	-	32	7.3	37	11.1	30	10.8

At the end of March 1943 the snow supply (water content) was the following % normal on different sections of the watershed: Jackson Lake vicinity 168%, Southern tributaries Jackson to Heise 145%, Island Park 146%, Fall River 136%, Teton River 164%. The run-off for 1943 was 137% of normal at Moran, 129% at Heise, 109% from Island Park, 124% on Fall River, and 130% on Teton River.

The decreased run-off compared to snow supply was due in part to deficient precipitation after April 1st, and in part to large contributions from the melting snow to ground water storage that had not drained out by the end of September 1943. The water records are for the year ending September 30 so they show the effect of 1942 water supply to some extent. The snow began to melt and go into the ground during March at many of the snow measuring stations, fully a month earlier than usual, and large contributions occurred during April.

REGULATION SCHEDULE

The following schedule shows priorities being filled during 1943. For the first time since 1927 the water supply on Teton River was sufficient to fill rights on that stream of the same priority being filled on Snake River, with water spilling past the lowest Teton River diversions into Henrys Fork throughout the season. There were a few days about the end of July when the supply in Henrys Fork above Teton River was not quite sufficient to fill rights to as late a priority as were being filled on the Snake River schedule.

After August 12 there was no normal flow delivered past Blackfoot for lower valley canals, but inflow below that point was sufficient to fill part of the Oct. 11, 1900 rights of the Twin Falls and North Side Canals.

1943 REGULATION SCHEDULE

July 20	Cut off rights later than Aug. 6, 1908 priority.
" 21	Cut off rights later than Oct. 7, 1905 priority.
" 25	Filled part of Aug. 6, 1908 right.
" 29	Cut off 1906 rights.
Aug. 3	Cut off rights later than Mar. 6, 1903 priority.
" 13	Cut off 1899 rights.
" 14	Cut off rights later than June 1, 1895 priority.
" 15	Filled 90% Feb. 6, 1895 right.
" 17	Restored May 10, 1895 right.
" 19	Cut off rights later than Feb. 6, 1895 priority.
" 21	Filled 90% Feb. 6, 1895.
" 22	Filled 80% Feb. 6, 1895.
" 24	Filled 60% Feb. 6, 1895
" 25	Filled 40% Feb. 6, 1895.
" 26	Filled 30% Feb. 6, 1895.
" 27	Filled 10% Feb. 6, 1895.
" 28	Cut off Feb. 6, 1895 right.
Sept. 1	Filled 10% Feb. 6, 1895.
" 3	Filled 30% Feb. 6, 1895.
" 4	Filled 40% Feb. 6, 1895.
" 5	Filled 60% Feb. 6, 1895.
" 6	Filled 70% Feb. 6, 1895.
" 7	Filled 60% Feb. 6, 1895.
" 9	Filled 50% Feb. 6, 1895.
" 10	Filled 40% Feb. 6, 1895.
" 12	Filled 20% Feb. 6, 1895.
" 14	Cut off Feb. 6, 1895 right.
" 16	Cut off all 1895 rights.
" 17	Filled 50% Aug. 18, 1894 right.
" 19	Filled 75% Aug. 18, 1894 right.
" 22	Filled 30% Feb. 6, 1895 right.
" 26	Restored June 1, 1905 rights and discontinued regulation.

Owing to large holdover in Jackson Lake at the close of the regulation season on September 26, the Bureau of Reclamation did not close the gates but allowed natural flow to be discharged for some time thereafter. Release of stored water from Island Park Reservoir also continued until October 5. This provided a supply in excess of upper valley requirements for fall irrigation and substantial discharges flowed past the Clough station after regulation ceased.

WATER SUPPLY

Run-off at typical measuring stations for the year ending September 30, 1943, was as follows:

Station	1943 run-off (acre-ft.)	Average run-off (acre-ft.)	Years of record	1943 per-cent of average
Snake R. at Moran	1,417,000	1,033,000	40	137
Snake R. at Heise	6,512,000	5,056,000	40	129
Snake R. at Neeley	6,680,000	5,705,000	47	117
Fall R. nr. Squirrel	668,700	537,000	30	124
Teton R. nr. St.Anthony	694,100	531,000	16	130
Henrys Fork at Warm R.	780,800	715,000	29	109
Henrys Fork nr. Rexburg	1,707,000	1,386,000	35	123

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

The 1943 run-off was in general about the same as during 1927 and 1928 and exceeded anything that has occurred during the past 15 years.

The river reached a maximum mean daily discharge at Heise of 35,600 sec.-ft. on June 23, of which 11,500 sec.-ft. was natural flow being discharged from Jackson Lake, that reservoir having filled on June 15. The flow at Heise on May 31 was 26,100 sec.-ft., at which time 9,800 sec.-ft. were being stored in Jackson Lake. Except for this water being retained at Jackson Lake the flow at Heise on May 31 would have been as great as that actually occurring on June 23.

The Bureau of Reclamation spilled about 170,000 acre-ft. past the Moran gaging station prior to April 20, making that much space available for floodwater storage during late May and early June. After Jackson Lake filled on June 15 there were about 400,000 acre-ft. spilled past Moran that could have been retained for storage there if space had been available. The flood waters caused considerable alarm and some damage along Snake River in Jackson Hole, Wyo., during the period June 20-30, and the County Commissioners and leading citizens of Jackson Hole felt quite strongly that more water should have been spilled from Jackson Lake prior to the beginning of the snow melting period, so that the reservoir gates could have been kept closed during the high water period. This would have reduced the flood through Jackson Hole by about 10,000 sec.-ft. average during the peak period June 20-30. Some of the interested parties in Wyoming engaged a Consulting Engineer, Mr. C. C. Chambers, Chief Engineer, Muskingum Conservancy District of New Philadelphia, Ohio, to make a report on this matter and they had one conference and some correspondence with the watermaster at Idaho Falls.

Considerable damage also occurred along the River between Heise and Roberts and some flooding and lesser damage occurred in Bingham County between Firth and Blackfoot. The river cut a channel to quite a depth through the upper diversion dam for the Great Feeder. About 2,000 sec.-ft. overflowed the south bank of the river in the vicinity of the Lowder Slough heading and went on down the Lowder Slough into the Great Feeder. If this flow had increased much more or had continued for very long it probably would have cut sizeable channels that might be difficult to control. Jefferson County and the Great Feeder

Company built some dikes in this section during the late summer. Some flooding, bank erosion and overflow took place along both banks of the river a short distance east of Lorenzo, with the water running over the highway north of the Lorenzo bridge for about a week.

There was considerable flooding of farm lands along the south side of the river from the mouth of Henrys Fork to Roberts. Several thousand acres were reported to have been flooded in this area, partly pasture or hay lands.

There were several places between Heise and the mouth of Henrys Fork where the river changed its main channel somewhat, to the detriment of adjacent landowners and canal companies.

Spill past Milner in excess of Idaho Power Company rights amounted to 2,680,000 acre-ft., of which 500,000 acre-ft. occurred after American Falls Reservoir filled on June 22. A maximum discharge of 23,000 sec.-ft. was spilled over Milner dam on June 6, 1943, but no serious flood damage was reported at or below American Falls.

The maximum discharge from Jackson Lake was 13,300 sec.-ft. for a few hours on June 19. This compares with the peak discharge of 15,100 sec.-ft. recorded on June 12, 1918.

Total diversions of stored water amounted to 1,173,074 acre-ft. during the 1943 season, including 33,711 acre-ft. of stored water carried past Milner by the Idaho Power Company. Reservoir holdovers have increased each year since the low period in 1940, as will be seen from the following table:

Holdovers on Sept. 30 in Acre-feet.

	1943	1942	1941	1940	1939
American Falls	897,050	410,360	319,800	264,380	252,050
Jackson Lake	650,340	321,330	226,110	166,350	313,170
Lake Walcott	42,710	93,550	18,850	- 900	76,770
Henrys Lake	76,200	43,810	38,900	36,800	49,200
Island Park	84,050	60,620	39,230	17,050	52,700
Grassy Lake	14,750	10,910	8,170	520	0
Total	1,765,100	940,580	651,060	484,200	743,890

The holdovers on September 30, 1943 at Jackson Lake, Henrys Lake, Island Park, and Grassy Lake were the largest ever recorded. Greater holdovers at American Falls occurred in 1927 and 1928 but the Gooding Project was not drawing water at that time.

TRANSFERS AND EXCHANGES

During the year the following transfers were made under the provisions of the Idaho Transfer Statute:

Transfer No. 645 - From N. O. Nye in Rudy Canal, 5.14 sec.ft. June 1, 1885, 0.75 sec.-ft. Aug. 13, 1888, 0.23 sec.-ft. June 1, 1889, 0.11 sec.-ft. June 1, 1900, and 0.27 sec.-ft. June 1, 1905. These quantities less 5% river transmission loss were transferred to Abner C. Snarr, F. L. Hansen, and Earl Norris for use on lands lying under the Great Western Canal.

Transfer No. 646 - From Scottish American Mortgage Co. in Rudy Canal, 6.034 sec.-ft. Aug. 13, 1888, 1.818 sec.-ft. June 1, 1889, 0.846 sec.-ft. June 1, 1900, and 2.172 sec.-ft. June 1, 1905. These quantities less 5% river transmission loss were transferred to F. A. Stolworthy and Sons for use on lands lying under the Great Western Canal.

Transfer No. 647 - From Beneficial Life Ins. Co. in Parks & Lewisville Canal, 0.143 sec.-ft. June 1, 1883, 0.152 sec.-ft. June 1, 1884, 0.743 sec.-ft. June 1, 1885, and 1.562 sec.-ft. June 1, 1888. These quantities less 5% river transmission loss were transferred to lands under the Kennedy Ditch.

Transfer No. 649 - From Teton Irrig. & Mfg. Co. Canal to Siddoway Canal, 12.0 sec.-ft. of waters of Teton River, June 1, 1884 priority.

Transfer No. 650 - Abram Ward, 0.575 sec.-ft. of June 1, 1885 of waters of Snake River, from White Ditch to Everett Clay for use on lands under the Sunnydell Canal.

Transfers 645 to 647 were protested by the canal companies to whom the water was decreed, but after hearings the right to transfer was granted subject to the requirement that maintenance assessments be continued to be paid to the companies where the water was formerly used. The parties owning the water under Transfers 645-46 thereafter made a lump sum settlement with the Rudy Canal Company, compounding future maintenance assessments and relinquishing their stock. The 1943 Legislature modified the old transfer statute so that in the future the consent of the canal company to whom the water was decreed will be required in cases where water rights are represented by ownership of stock in such companies. This requirement will no doubt greatly curtail future transfers in the upper Snake River area.

Wagn Topp and Vern Park, stockholders in the Butler Island Canal made a permanent change in point of diversion for 6.4 sec.-ft. June 1, 1885, and 1.3 sec.-ft. Jan. 22, 1916 priorities from the Butler Island heading to a new ditch diverting from the Great Feeder further downstream.

Everybody had plenty of water in 1943 so there were no requests for temporary transfers or for credit for temporary shutouts.

LITIGATION

Decree was handed down in the District Court in the case of C. E. Carrington vs. Lynn Crandall, et al., denying the claims of the plaintiff to any rights in the waters of Mahogany Creek, claimed to have been acquired by adverse use, in excess of rights awarded in the Rexburg decree. The decree awarded new flood water rights to several of the defendants, as follows:

Mr. & Mrs. Norma Dustin, 3.2 sec.-ft. of June 1, 1925 priority of the waters of Mahogany Creek for use on Lots 1 and 2, Sec. 7, T. 4 N., R. 45 E.

Mr. & Mrs. Henry Bates, 2.0 sec.-ft. of June 1, 1924 priority of the waters of Mahogany Creek for use on Lots 3 and 4, Sec. 7, T. 4 N., R. 45 E.

It is understood that the plaintiff has appealed this case to the State Supreme Court.

For the first time in many years there were no new suits filed naming the watermaster as defendant.

CANAL DELIVERIES

Daily diversions during the irrigation season from the main river between Heise and Blackfoot are shown on Plates 6 to 10 inclusive. Records of diversions by these same canals for the non-irrigation season Oct. 1942 to April 1943 were gathered by the U. S. Bureau of Reclamation under the direction of F. M. Clinton, Associate Engineer, and are tabulated on Plates 5A to 5G. Records on these canals were, in most cases, secured in cooperation with the canal companies who provided gage readings for the periods prior to beginning of regulation on July 20, supplemented by 3 or 4 visits per month by the hydrographers and by automatic gage records from a few of the largest canals.

Records of diversions by lower valley canals below American Falls for the entire year are shown on Plates 33 to 43 inclusive. Records of diversions by some of the larger canals on the headwater areas are shown on Plate 23, but there are a number of small individual canals in Teton basin, Swan Valley, and Island Park that are only visited occasionally and on which no complete seasonal records are kept on account of the cost that would be required. There are also some lands irrigated from Spring Creeks near Menan and Springfield whose diversions are usually unregulated except when request is made for regulation by the parties using the water. An injunction was issued by the District Court some years ago against the watermaster restraining him from regulating the waters of the Spring Creeks near Springfield. The Spring Creeks near Menan are supplied from waste and seepage waters of adjacent canal systems and the water is diverted before reaching the river so some uncertainty exists there as to the right to regulate the water for the benefit of main river rights. The acreage involved is small, some of the rights are of early priority and both sections are in an area of tributary ground water to the river so the effect of this use on the river flow is probably slight, if any.

The following tabulation shows the seasonal diversions and irrigated area under canals diverting from Snake River between Heise and Milner. Similar data for canals on Henrys Fork are shown separately in the chapter covering distribution on Henrys Fork and tributaries. The figures on irrigated acreage in general show full acreage drawing water without deductions for roads, canals, small tracts of waste or idle land, etc., all of which probably comprise at least 12% of the reported acreage. The irrigation season is taken as May to September, inclusive, for upper valley canals, and April 15 to September 30 for lower valley canals.

Diversions during 1943 irrigation season

(Snake River Canals in downstream order from Heise)

Canal	Diversions (acre-feet)	Area Irrigated 1943	Diversions acre-feet per acre
Riley	4,940	800	6.2
Anderson & Eagle Rock	205,000 (a)	31,502	6.5
Farmers Friend	96,100	10,200	9.4
Enterprise	36,200	5,100 (b)	7.1
Nelson	426	60	7.1
Mattson & Arnsberger	2,680	500	5.4
Ross & Rand	1,150	160	7.2
Butler Island	12,300	1,150	10.7
Steele	1,890	250	7.6
Harrison	110,800	12,000	9.2
Cheney	2,160	180	12.0
Rudy & Boomer	52,500	4,900	10.7
Kite & Nord	1,460	170	8.6
Burgess	222,700	20,000	11.1
Clark & Edwards	19,450	1,700	11.4
Lowder & Jennings	10,630	920	11.5
East Labelle	30,240	2,200	13.7
Sunnydell	29,000	3,600	8.0
Lenroot	35,250	3,800	9.3
Reid	32,770	5,200	6.3
Texas Feeder	53,080	7,000	7.6
Nelson Corey	2,590	460	5.6
Hill Pettinger	688	160	4.3
Rigby	44,360	4,000	11.1
Dilts	7,930	560	14.1
Island	41,400	3,400	12.2
W.Labelle & Long Isl.	120,700	8,500	14.2
Parks & Lewisville	84,800	6,500	13.1
North Rigby	14,600	1,200	12.2
White	1,410	120	11.7
Ellis	867	110	7.9
Bramwell	1,810	200	9.0
Butte & Market Lake	58,650	17,400	3.4
Osgood	28,100	6,000	4.7
Bear Island & Smith	690	170	4.1
Idaho	243,200 (a)	35,506	6.8
Kennedy	12,010	2,100	5.7
Great Western & Porter	185,900	26,000	7.1
Coy & Kellar	307	60	5.1
Woodville	17,580	3,000	5.9
Snake River Valley	143,800 (a)	21,000	6.8
Reservation	215,700 (c)	34,000	6.3
Blackfoot	74,040	13,000	5.7
New Lava Side	37,120	5,500	6.7

Canal	Diversions (acre-feet)	Area Irrigated 1943	Diversions Acre-feet per acre
Peoples	132,700	19,000	7.0
Aberdeen	329,900	61,000	5.4
Corbett	40,890	5,500	7.4
Nielsen-Hansen	3,010	460	6.5
Riverside	28,990	5,000	5.8
Danskin	49,430	6,000	8.2
Trego	16,530	1,500	11.0
Wearyrick	13,390	1,500	8.9
Watson	33,440	4,800	7.0
Parsons	7,740	800	9.7
Minidoka Irr. Dist.	465,400	70,078	6.6
Burley Irr. Dist.	287,200	46,840	6.1
N. S. Canal Co.	1,048,000	162,000	6.5
Twin Falls Canal	1,031,000	202,610	5.1
Milner Low Lift	47,030	9,033	5.2
Gooding Project	367,800	57,500	6.4
Total	6,201,428	953,959	6.5

(a) Received some additional water from Willow and Sand Creeks.
(b) About 1900 acres of this supplied thru Eagle Rock Canal after Aug. 17.
(c) 149,000 from Snake River, balance from Blackfoot R. and Sand Creek.

Total diversions were about 3.5% greater than in 1942 and in general represent all the canals cared to divert under the 1943 weather and crop conditions. Of the total diversions shown in the table, 52% were by lower valley canals and 48% by upper valley main river canals. If the diversions in the Henrys Fork area are also included the lower valley diversions would be about 45% and entire upper valley about 55% of the total diversions in the District.

Lower valley canals used 919,249 acre-ft. of storage or 28% of their total diversions. Upper valley main river canals used 163,964 acre-feet of storage or 6% of their total diversions. Henrys Fork canals used 55,750 acre-ft. of storage or 6% of their total diversions.

The Idaho Power Company drew 33,711 acre-ft. of its primary storage right past Milner during Aug.-Sept.

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
1934	548	359	399	275	211	1792
1935	276	684	662	445	326	2393
1936	489	619	677	520	420	2725
1937	392	600	658	520	361	2531
1938	356	680	628	592	465	2721
1939	585	620	691	564	393	2853
1940	548	630	594	462	289	2523
1941	444	618	648	492	434	2636
1942	314	684	720	588	391	2697
1943	417	545	750	666	510	2888
Average excluding 1934	425	631	670	539	399	2664

Henrys Fork and Tributaries
(excluding headwater creeks)

1934	166	117	86	48	42	459
1935	187	236	170	104	79	776
1936	218	217	178	138	106	857
1937	200	223	163	126	84	796
1938	185	238	180	159	119	881
1939	228	225	206	167	117	943
1940	230	213	182	136	92	853
1941	209	216	183	146	93	847
1942	151	243	211	176	103	884
1943	165	209	218	188	119	899
Average excluding 1934	197	224	188	149	101	859

1939-43 figures are after deduction for water spilled from Cross Cut Canal into Teton River.

Minidoka Project

Year	April	May	June	July	Aug.	Sept.	Season
1934	43	97	71	101	36	12	360
1935	33	101	147	172	154	107	714
1936	26	169	128	169	150	99	741

Minidoka Project (cont'd)

Year	April	May	June	July	Aug.	Sept.	Season
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
Average excluding 1934	32	143	136	170	159	95	735

North Side Canal Co. Project

1934	52	118	127	120	62	33	512
1935	15	151	194	212	161	100	833
1936	42	201	200	202	198	130	973
1937	40	176	185	228	218	126	973
1938	51	180	201	211	212	155	1010
1939	95	208	197	217	215	111	1043
1940	61	176	194	208	193	103	935
1941	67	186	172	206	194	110	935
1942	71	178	189	217	221	161	1037
1943	70	195	180	222	225	170	1062
Average excluding 1934	57	183	190	214	204	130	978

Twin Falls Project

1934	129	167	154	175	191	124	940
1935	36	167	178	202	210	159	952
1936	54	209	195	219	219	142	1038
1937	57	191	179	217	216	144	1004
1938	55	186	187	198	215	167	1008
1939	126	208	195	215	221	150	1115
1940	70	191	201	220	220	126	1028
1941	101	194	174	209	214	138	1030
1942	82	175	177	212	216	149	1011
1943	97	200	166	214	221	156	1054
Average excluding 1934	75	191	184	212	217	148	1027

Gooding Project

1934	31	59	58	65	59	40	312
1935	3	54	65	67	57	1	247
1936	2	66	73	83	69	39	332
1937	10	60	66	75	68	43	322
1938	3	39	61	76	74	63	316
1939	31	76	69	79	75	53	383

Gooding Project (cont'd)

Year	April	May	June	July	Aug.	Sept.	Season
1940	18	71	82	91	83	57	402
1941	21	71	75	96	88	63	414
1942	18	77	78	96	90	67	426
1943	2	64	62	91	92	57	368
Average excluding Sept. 1935	14	64	69	82	76	54	359

May diversions ranged from a little below to a little above average. June diversions were below normal throughout the District due to cold weather and rain in the irrigated areas. July to September diversions were above average everywhere and in the upper valley were the largest ever recorded.

A plentiful supply of water in the Wood Rivers during the early part of the season reduced the demand by the Gooding Project from Snake River.

RIVER DATA

Segregation of stored and normal flow at the various measuring stations is shown on Plates 12-13. The losses between river gaging stations as tabulated on these Plates were computed using the approved schedule of stored water transmission losses approved at the annual water meeting.

The standard procedure for segregation of stored water at the reservoir outlets and at the various measuring stations that has been used since 1930 was continued during 1943. At Moran the daily drop in Jackson lake is converted to second-feet and listed as stored water, the balance at the Moran station being called normal flow. Owing to wind effect on the Lake gage it is the usual practice to smooth out the computed quantities over short periods so as to avoid marked fluctuations in the computed daily normal flow. The total stored water, however, passing the Moran station during the period of storage release is made to equal the drop in the Lake contents during the same period. This method of operation is based on the results of special investigations some years ago which disclosed that taking the whole season the return from bank storage at Jackson Lake just about equalled the evaporation losses on the additional area flooded by the construction of Jackson Lake dam. It is impractical and would be a considerable expense to try to secure daily records of the fluctuating inflow to Jackson Lake and the method used for segregation of stored and normal flow here was adopted on account of its simplicity and economy. It is realized that it results in a too low computed normal flow when the reservoir first starts to drop and a too high normal flow later on when the bank storage is draining back into the Lake. An attempt is made to adjust for this and for river bank storage on the stored water releases by delaying the normal flow cuts for a day or two during the early part of the storage use period until the normal flow users have used about 10,000 acre-ft. of stored water as normal flow, this amount being recovered for the storage users on dropping reservoir and river stages later in the season. The computed quantities of stored water at Moran less river losses and storage diversions and plus storage balances at Rexburg and storage inflow from Market Lake Springs are carried downstream as far as Blackfoot. After the 1900 rights are cut no more normal flow is supposed to pass the lowest canal diversion near Blackfoot and at such times the normal flow at Cloughs ranch was taken as 160 sec.-ft. estimated ground water inflow just above Cloughs plus the flow in Blackfoot river at the station near its mouth, the balance at the Clough station being listed as stored water spilled past Blackfoot. Owing to fluctuations in the river flow and the impossibility of foreseeing and making cuts on upstream canals at the exact time their rights run out as well as allowing an overdraft on storage early in the period of storage use, it is impossible to make the daily theoretical storage balance at Blackfoot equal the daily storage quantities at Cloughs, but the total quantities at the two points for the season are balanced. The daily normal flow at Neeley is calculated as the daily normal flow at Clough plus the inflow Clough to Neeley, which is based on measurements about twice a month of the spring water inflow above the American Falls Reservoir flow line, plus daily records of Portneuf River at Pocatello and 1,320 sec.-ft. of estimated spring water inflow below the reservoir storage level.

The figures shown in the tabulations on Plates 12-13 as minus storage quantities represent the equivalent at that point of natural flow adversely retained in upstream reservoirs or diverted as storage by upstream canals, and is added to the actual flow at the station to get a computed normal flow that is used as the available supply for downstream normal flow deliveries.

In computing the seasonal totals of storage quantities at the various gaging stations the minus items are offset by the delivery of an equivalent total amount of stored water at other times during the season.

Measurements of the various springs and wasteways flowing into American Falls Reservoir were made on the following dates: May 3-4, June 2-3, 11-12, 21-22, July 2-3, 19-20, Aug. 3-4 and Sept. 3-4. Daily records were secured of the flow of Portneuf River at Pocatello, and Mr. E. H. Neal furnished daily estimates of the flow in the principal wasteways from the Aberdeen-Springfield Project. Based on the Newell formula and past observations the unmeasured inflow to the reservoir was taken as 1,320 sec.-ft. The daily reservoir inflow between Clough and Neeley as computed from this data is shown on Plate 11.

The daily normal flow at Neeley is delivered to the downstream canals in accordance with their respective priorities and any additional water being diverted by them is classed as storage. Under this system of tabulation the gain from Neeley to Milner is called storage and is allocated to the Minidoka Project on days that such project is diverting stored water.

STORED WATER DELIVERIES

American Falls Allotment 1943

Reservoir contents July 16 - 54.84 g.h., Contents 1,719,170 acre-feet.

The surplus above rated capacity of 1,700,000 acre-feet was allotted pro rata to all storage holders.

Jackson Lake Allotment 1943

Last storage for Jackson Lake priority July 17, Lake gage 69.24, Contents 853,120 acre-feet.

The surplus above rated capacity of 847,000 acre-feet was allotted pro rata to all storage holders.

American Falls and Jackson Lake 1943 Allotment in Acre-feet
(Downstream order from Heise)

Canal	American Falls Yield of Owned Space	American Falls Yield of Leased Space	Yield of Jackson Lake right	Total
Poplar Irr. Dist.	802	333	1,209	2,344
Progressive Irr. Dist.	14,774	6,676	0	21,450
Farmers Friend	0	0	2,014	2,014
Enterprise Canal Co.	10,629	4,422	6,144	21,195
Harrison Canal	12,129	5,482	5,036	22,647
Rudy	2,022	913	2,014	4,949
Burgess	7,581	3,899	5,157	16,637
Lowder	0	0	1,048	1,048
Sunnydell	0	0	4,029	4,029
Lenroot	4,555	2,058	3,022	9,635
Reid	3,036	1,263	0	4,299
Dilts	1,046	472	0	1,518
Enterprise Irr. Dist.	12,135	8,775	0	20,910
Butte & Market Lake	3,036	1,263	0	4,299
Osgood	16,031	7,244	0	23,275
Bear Island	228	95	0	323
Smith Ditch	80	36	0	116
Kennedy	0	0	358	358
Idaho	27,290	11,355	0	38,645
Martin	2,275	947	1,511	4,733
New Sweden	28,850	13,041	5,036	46,927
Woodville	9,102	1,011	0	10,113
Snake River Valley	27,955	11,632	15,108	54,695
Blackfoot	15,202	6,325	0	21,527
Peoples	22,773	10,293	8,058	41,124
Aberdeen	41,799	50,472	42,993	135,264
Corbett	4,045	1,684	0	5,729
Trego	1,478	615	0	2,093
Minidoka Dist.	50,564	22,853	187,374	260,791
Burley Dist.	0	22,526	140,790	163,316
Milner Low Lift	34,497	14,355	0	48,852
Twin Falls Canal	152,890	18,022	97,885	268,797
North Side Project	323,867	159,856	324,334	808,057
Idaho Power Co.	45,507	0		45,507
Gooding	404,510	0		404,510
United States	0	50,564		50,564
Total	1,280,688	438,482	853,120	2,572,290

Under the terms of the American Falls lease the Government withheld 50,000 acre-ft. of space during 1943 for rent to parties needing same. Owing to the plentiful supply of natural flow the demand to rent storage was less than usual and it was only possible to rent 15,312.3

acre-feet of the withheld lease water during 1943. 11,500 acre-ft. were rented to participants in the lease at 15¢ per acre-ft. and 3812.3 acre-ft. were rented to other parties at 30¢ per acre-ft. The canals renting this water and quantity secured by each are shown on Plate 14.

Several of the participants in the lease listed some of their lease water for re-sale during 1943, but as the Government was not able to dispose of all of its 50,000 acre-ft. of reserved lease space there was no market for the additional water offered for rent.

The allotment of Lake Walcott storage was 94,250 acre-ft., the Lake contents on July 16 when storage draft on American Falls reservoir began. The Minidoka Project was also allotted 42,422 acre-ft. gain Neeley to Milner during the period of storage use on that Project.

The discharge from Market Lake Springs into the river during the period of storage use amounted to 921 acre-feet. This is water that would naturally percolate from Market Lake westward under the desert north of Roberts, but by means of artesian wells and a drainage canal is discharged into the river northeast of Roberts.

There were 6,000 acre-ft. of unallocated gain Neeley to Milner in excess of that used by the Minidoka Project and there were 15,586 acre-ft. of unallocated gain in American Falls reservoir during the period of storage use. All of the canals that would have been entitled to this water had large storage holdovers so the 21,586 acre-ft. total of these two items was left in American Falls reservoir at the close of the season.

Daily storage diversions and allotments of main river canals are shown on Plate No. 14 and those for Henrys Fork canals on Plate No. 22.

There were a total of 10,944 sec.-ft. or 21,707 acre-ft. of stored water carried past the Clough gaging station during the season. This could have been held at a lower figure but the large holdovers in upstream reservoirs rendered it unnecessary and enough water was spilled by Blackfoot to facilitate regulation and save the canals the expense of too much work on their diversion dams.

Stored water releases from Island Park Reservoir continued until October 5, due to the desire by the Bureau of Reclamation to draw down the water level in it. This water was in transit from Island Park to American Falls at and after the close of the irrigation season.

RIVER LOSSES AND GAINS

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

Gain in Snake River, Moran to Heise Stations, 1943
(Heise dates and 24-hr. sec.-ft. except as noted.)

Station	May	June	July	Aug.	Sept.	Season
Moran	2,563	139,954	141,040	98,172	70,658	452,387
Heise	469,480	716,600	573,800	287,660	192,570	2,240,110
Riley Ditch	445	587	771	521	166	2,490
Heise & Riley	469,925	717,187	574,571	288,181	192,736	2,242,600
Total gain s.f.	467,362	577,233	433,531	190,009	122,078	1,790,213
Mean gain s.f.	15,076	19,241	13,985	6,129	4,069	11,701
Tot.gain ac.ft.	926,999	1,144,925	859,896	376,877	242,138	3,550,835

Eighty percent of the run-off at Heise during the above period came from the drainage area below Moran. During July the gain was double what it was in the same month in 1942, while for the season as a whole it was 60% greater than a year ago.

Gain in Snake River, Heise to Shelley Stations, 1943
(Heise dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Heise & Riley	469,925	717,187	574,571	288,181	192,736	2,242,600
Rexburg	136,040	137,800	72,450	37,707	55,690	439,687
Total Supply	605,965	854,987	647,021	325,888	248,426	2,682,287
Diversions	123,653	190,747	266,265	237,068	176,217	993,950
Shelley	470,680	678,700	424,180	119,240	100,930	1,793,730
Total Use	594,333	869,447	690,445	356,308	277,147	2,787,680
Total gain s.f.	-11,632	14,460	43,424	30,420	28,721	105,393
Mean gain s.f.	- 375	482	1,401	981	957	689
Tot.gain ac.-ft.	-23,072	28,681	86,130	60,337	56,967	209,043

The total gain for the season was practically the same as in 1942 but the July-Sept. gain in 1943 averaged 1,113 sec.-ft. compared to 907 sec.-ft. last year.

Loss or Gain in Snake River, Shelley to Clough Stations, 1943
+ is gain, - is loss
(Shelley dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Shelley	466,180	677,300	438,940	119,700	101,590	1,803,710
Blackfoot R.	2,904	6,464	642	608	2,037	12,655
Total Supply	469,084	683,764	439,582	120,308	103,627	1,816,365
Diversions	86,369	83,900	111,754	98,907	81,148	462,078
Clough	379,890	586,200	325,940	24,584	27,368	1,343,982
Total use	466,259	670,100	437,694	123,491	108,516	1,806,060
Tot.diff. s.f.	- 2,825	-13,664	- 1,888	+ 3,183	+ 4,889	- 10,305
Mean diff. s.f.	- 91	- 455	- 61	+ 103	+ 163	- 67
Tot.diff. ac.ft.	- 5,603	-27,102	- 3,744	+ 6,313	+ 9,697	- 20,439

All the canals had an ample water supply in 1943, which probably resulted in more waste to the river and greater groundwater inflow just above the Clough station than usual. The long continued muddy flood waters also doubtless helped to tighten the river bed and reduce the rate of seepage loss.

Loss or Gain in Snake River, Clough to Neeley Stations, 1943
+ is gain, - is loss
(Neeley dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Clough	377,340	582,600	345,380	25,126	25,596	1,356,042
Inflow	98,665	93,010	86,185	86,413	83,721	447,994
Res. Draft	-80,218	-21,977	69,111	237,876	101,320	306,112
Total Supply	395,787	653,633	500,676	349,415	210,637	2,110,148
Neeley	384,540	637,000	486,000	354,000	217,100	2,078,640
Tot.diff. s.f.	-11,247	-16,633	-14,676	+ 4,585	+ 6,463	- 31,508
Mean diff. s.f.	- 363	- 554	- 473	+ 148	+ 215	- 206
Tot.diff.ac.-ft.	-22,308	-32,991	-29,110	+ 9,094	+12,819	- 62,496

A substantial loss occurred during the high stages of American Falls Reservoir in May, June, and July, while a gain from bank storage return occurred during the Aug-Sept. drawdown. During the period of storage draft July 16 to Sept. 30 the net gain was as follows:

July 16-31 = 6,327 ac.ft. loss
Aug. = 9,094 " gain
Sept. = 12,819 " gain

Total = 15,586 " gain

Loss or Gain in Snake River, Neeley to Minidoka Stations, 1943
+ is gain, - is loss
(Minidoka dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Neeley	387,410	631,430	491,170	354,300	220,060	2,084,370
Walcott Draft	- 8,551	- 8,954	- 676	4,018	22,027	7,864
Total Supply	378,859	622,476	490,494	358,318	242,087	2,092,234
N. Minidoka	49,520	30,746	52,270	46,110	27,896	206,542
S. Minidoka	32,401	22,314	39,400	38,260	23,978	156,353
Minidoka	302,960	582,500	390,000	267,860	187,800	1,731,120
Total Use	384,881	635,560	481,670	352,230	239,674	2,094,015
Tot.Diff. s.f.	+ 6,022	+13,084	- 8,824	- 6,088	- 2,413	+ 1,781
Mean diff. s.f.	+ 194	+ 436	- 285	- 196	- 80	+ 12
Tot.diff. ac.ft.	+11,945	+25,952	-17,502	-12,076	- 4,786	+ 3,533

Lake Walcott was drawn down to a low level for a considerable period during the 1942-43 winter to do some construction work and during the months Nov. 1942 to April 1943 there was a gain from Neeley to Minidoka of 125,000 acre-ft. This may have had some effect on the groundwater gain and loss around the upper half of Lake Walcott during the 1943 season as it is known that the Lake backs water underground into the lavas for a number of miles. Excessive precipitation occurred during June in this section, resulting in increased run-off from the tributary area below Neeley.

Gain in Snake River, Minidoka to Milner Stations, 1943
(Milner dates and 24-hr. sec.-ft. except as noted.)

Station	May	June	July	Aug.	Sept.	Season
Minidoka	307,580	574,540	397,640	268,040	190,940	1,738,740
P. A.	1,895	1,691	1,920	1,904	1,440	8,850
Milner Low Lift	4,973	3,174	5,249	5,206	4,188	22,790
Gooding	57,530	55,030	74,270	74,800	53,100	314,730
No. Side	71,550	64,900	81,290	82,940	60,217	360,897
So. Side	101,100	83,520	107,690	111,500	78,480	482,290
Milner	68,638	386,810	136,749	4,810	12,957	609,964
Total Use	305,686	595,125	407,168	281,160	210,382	1,799,521
Tot.gain s.f.	- 1,894	20,585	9,528	13,120	19,442	60,781
Mean gain s.f.	- 61	686	307	423	648	397
Tot.gain ac.ft.	- 3,756	40,829	18,898	26,023	38,563	120,557

No account is taken of changes in the level of Milner Lake in calculating gains in this section. The over-all gains or losses from Neeley to Milner are more accurate than those computed separately in the sections from Neeley to Minidoka and Minidoka to Milner as the rating at the Minidoka station is affected by variable backwater from moss growth.

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

July 16-31	698	acre-ft.
Aug.	13,947	"
Sept.	33,777	"
Total	48,422	"

During the last week in September there were 6,000 acre-ft. of this gain in excess of stored water being diverted by the Minidoka canals. Deducting this amount of unallocated gain there were 42,422 acre-ft. credited to the Minidoka Project for the Neeley to Milner gain during 1943.

The Bureau of Reclamation made a number of measurements of return flow, losses, etc., in the upper valley during the winter of 1942-43 in addition to the measurements of canal diversions previously referred to. Mr. F. M. Clinton, Associate Engineer, who was in immediate charge of securing these records, has furnished the following tabulated results:

1942-43
Measurements of Return Flow Entering Snake River from West

Between Butte & Mkt. Lake Canal and Shelley Gaging Station

Stream No.	Discharge in Second-feet.					
	Nov. 6	Dec. 10	Jan. 5	Feb. 15	Mar. 23	Apr. 16
Market Lake Springs	9.9	10.0	10.3	11.0	15.2	16.0
B. & Mkt. Lake Canal Wasteway	17.5	0.5	0	0	0	-
3	0.7	1.0	1.5	1.0	2.0	0
4	0	0	0	0	0	0.5
Total	28.1	11.5	11.8	12.0	17.2	16.5

Between Shelley Gaging Station and Firth Bridge

Stream No.	Discharge in Second-feet						
	Nov. 6	Dec. 11	Jan. 5	Jan. 21	Feb. 15	Mar.11	Apr. 15
5	0.3	1.5	1.5	0.4	0	0	0
6	0.2	0.6	0.5	0	0	0	0
7	7.4	4.7	1.9	1.9	1.0	1.0	1.0
8	40.8	63.0	77.8	48.2	27.4	15.0	11.8
Total	48.7	69.8	81.7	50.5	28.4	16.0	12.8

Between Firth Bridge and Clough Gaging Station

Stream No.	Discharge in second-feet			
	Nov. 6	Dec. 11	Jan. 8	Feb. 12
9	4.1	1.9	2.0	1.2
10	33.1	3.5	2.2	1.2
11	3.0	0	0	0
12	1.3	0.1	0	0
13	6.1	4.1	3.2	1.6
14	36.2	12.8	12.7	7.6
15	0	0	1.5	0
Total	83.8	22.4	21.6	11.6

Measurements of Flow of Great Western Canal past Firth

Date	Discharge in Second-feet
Dec. 11	28.2
Jan. 5	28.0
Jan. 21	19.7
Feb. 15	9.5
Mar. 11	12.3
Apr. 15	6.6

Measurements of Return Flow entering Snake River from East
1942-43

Between mouth of Great Feeder and Shelley Gaging Station

Stream No.	Discharge in Second-feet Nov. 6	Dec. 11	Jan. 8	Feb. 13	Mar. 10	Apr. 15
11	24.4	0.8	0	0	0	14.6
12	0	0	0	0	0	0
Burgess Wasteway	112.0	3.2	2.0	3.0	12.0	172.0
13	1.2	0	0	0	0	1.0
Sage Creek	17.9	0	1.9	1.0	1.0	3.6
14	7.3	0.3	0.8	1.0	0	0.5
No. Branch Willow Creek	13.3	10.8	6.1	6.1	4.5	66.0
So. Branch Willow Creek	4.0	2.0	2.0	2.0	2.0	48.0
Crow Creek	7.1	2.0	2.0	1.5	2.0	3.0
17	3.4	0.5	1.0	1.0	1.0	0
18	0	0	0	0	0	0
Total	190.6	19.6	15.8	15.6	22.5	308.7

Between Shelley Gaging Station and Firth Bridge

Stream No.	Discharge in Second-feet. Nov. 6	Dec. 11	Jan. 8	Feb. 13	Mar. 10	Apr. 15
19	0.4	2.4	2.0	2.0	2.0	0
20	0	0	0	0	0	0
21	10.5	0	0.6	0	0.5	0
Shelley Sewer	8.0	5.0	0.5	0.5	0.5	1.0
Total	18.9	7.4	3.1	2.5	3.0	1.0

Between Firth Bridge and Clough Gaging Station

Stream No.	Discharge in Second-feet. Nov. 6	Dec. 12	Jan. 8	Feb. 13
22	1.5	1.0	0.5	0
23	0.5	0.4	0	0
24	2.6	1.0	0	0
25	3.2	0.5	0	0
26	32.4	41.9	2.0	0.5
27	5.3	0.2	0	0
Total	45.5	45.0	2.5	0.5

Measurements of Return Flow entering Blackfoot R. from North

Stream	Discharge in Second-feet				
	Nov. 7	Dec. 12	Jan. 8	Feb. 13	Mar. 10
E. Sand Cr.	50.0	38.9	33.9	5.6	0
Sand Creek	223.5	236.1	119.0	43.1	49.0
Small Lateral	2.0	1.0	0.8	0	0
Blackfoot Slough	22.4	16.0	4.6	0.5	0
Total	297.9	292.0	158.3	49.2	49.0

Measurements of Return Flow Entering Great Feeder

From North Side

Stream No.	Discharge in Second-feet				
	Nov. 5	Dec. 10	Jan. 9	Feb. 13	Mar. 22
Butler Island Wasteway	1.8	0.5	0.4	0.4	1.8
2	3.0	0	0	0	0
3	1.0	0	0	0	0
4	3.5	1.0	2.0	2.0	0.8
5	0.5	0	0	0	0
6	1.0	0.3	0.1	0.2	0
7	4.4	0.3	0.2	0.3	0.2
8	1.0	0.5	0.4	1.0	1.2
9	8.8	6.7	2.0	2.0	1.8
Total	25.0	9.3	5.1	5.9	5.8

From South Side

Stream No.	Discharge in Second-feet				
	Nov. 5	Dec. 10	Jan. 7	Feb. 13	Mar. 9
No. Rigby Wasteway	13.0	0	0	0	0
11	0	0	0	0	0
12	25.2	0.4	0	0	0
Clark & Edw. Wasteway	17.0	0	0	0	0
Total	55.2	0.4	0	0	0

1942-43

Measurement of Return Flow Entering Snake River from South Between Heise and Mouth of Henrys Fork.

Stream No.	Discharge in Second-feet				
	Nov. 3	Dec. 9	Jan. 9	Feb. 13	Mar. 22
E. Labelle Wasteway	25.4	1.5	0	0	0
1	1.0	0	0	0	0
2	2.0	2.0	2.0	2.0	2.0
3	10.2	0.1	0	0	0
4	2.0	1.5	1.5	1.5	1.5
Total	40.6	5.1	3.5	3.5	3.5

Note: All return flow from North side of South Fork is carried to Henrys Fork through Bannock and Texas Sloughs, except for springs in river channel below Lorenzo bridge.

1942-43
Measurement of Return Flow Entering Snake River from East Between Henrys Fork and mouth of Great Feeder

Stream No.	Discharge in Second-feet Nov. 4	Dec. 10	Jan. 9	Feb. 13	Mar. 23
5	0.2	1.1	1.0	1.0	1.0
6	7.5	4.5	3.7	2.0	2.2
7	21.3	10.5	3.8	1.0	0.4
8	0.2	0	0	0	0
Warm Creek	55.5	28.1	24.8	22.3	27.4
Total	84.7	44.2	33.3	26.3	31.0

1942-43
Measurements of Return Flow from Henrys Fork Valley Entering Henrys Fork from East Between Fall River and Snake River.

Stream No.	Discharge in Second-feet Nov. 2-3	Dec. 7-8	Jan. 6-7	Feb. 3-4	Mar. 23
1	1.6	0.6	0.2	0	0
2	0.5	0	0	0	0
3	1.0	0	0	0	0
4	1.5	0.2	0.2	0	0
5	1.0	0.2	0	0	0
6	1.8	1.0	1.0	0.8	0.5
7	2.2	1.0	0.5	0.4	0.3
8	1.0	0.4	0.3	0.2	0.2
9	1.0	0.4	0.2	0.2	0.1
10	3.0	1.2	1.0	1.0	1.0
11	2.0	1.3	1.0	1.0	1.0
12	3.4	3.0	3.0	3.0	2.9
13	2.0	1.0	1.2	1.0	1.0
14	1.0	0	0	0	0
15	2.7	0.2	0.2	0.2	0.2
16	8.1	2.0	0	0	0
17	5.5	3.0	0.5	0	0
Texas Slough	208.8	65.9	65.6	71.0	74.8
18	5.6	4.0	4.0	5.0	6.0
Bannock Jim	18.4	20.0	19.8	23.0	28.0
Total	272.1	105.4	98.7	106.8	116.0

					Mar. 5
Teton R. - Both Branches	450.3	264.7	320.8	250.2	214.3

No. Branch Teton River enters Henrys Fork between Streams 11 and 12, and So. Branch between Streams 15 and 16.

1942-43
Measurements of Return Flow Entering No. Branch of Teton River from North Between Enterprise Canal and Henrys Fork.

Stream	Discharge in Second-feet Nov. 24	Dec. 10	Jan. 8	Feb. 5
Consolidated Wasteway	2.0	3.0	1.0	2.0
Salem Union Wasteway	4.0	0	0	0
Farmers Friend Wasteway	20.0	8.0	1.0	0
Fall R. Canal Wasteway	5.0	2.4	0	0
Total	31.0	13.4	2.0	2.0

1942-43
Measurements of Return Flow from Egin Bench, Entering Henrys Fork from West between Dewey Canal and Rexburg Gaging Station

	Discharge in Second-feet								
Stream No.	Sept. 1-2	Nov. 2-3	Dec. 7-8	Jan. 5-6	Mar. 3-4	May 19-21	June 17-19	July 26-28	Aug. 26-28
1	2.22	0.50	1.00	0.20	0.2	3.0	2.0	1.5	2.0
2	4.01	1.00	3.00	0.50	2.0	2.0	2.5	2.0	2.0
3	6.73	1.00	0	0	0	4.0	1.2	2.5	1.8
4	1.43	0	0	0	0	2.0	1.0	0	0
5	5.97	1.50	1.00	0.50	0.5	2.0	12.0	11.7	8.2
6	1.64	1.50	0.50	0.30	0.4	0.3	1.3	2.5	2.1
7	0.60	0.20	0	0	0	2.0	1.0	1.8	1.2
8	3.31	0.50	0.20	0	0	0.2	0.8	2.0	1.6
9	8.03	2.13	0.70	0.50	0.2	2.2	8.9	9.5	9.5
10	7.46	1.68	2.00	1.50	1.0	3.0	6.5	9.0	7.8
11	22.11	7.56	3.91	0.74	0	6.0	10.0	12.0	31.5
12	18.82	7.41	3.69	4.73	8.6	7.5	5.8	14.1	12.2
13	7.26	4.50	2.50	2.00	2.0	3.0	3.0	4.0	5.3
14	2.19	2.00	1.00	0.50	0.5	0	0.5	0.5	0.7
15	9.17	0	0	0.72	0	0	0	7.1	0
16	8.65	2.00	0	1.00	1.8	0	0	8.0	16.0
17	43.42	33.35	15.63	13.60	8.4	23.0	45.3	60.9	50.3
18	11.21	3.67	2.00	2.00	0.5	5.8	5.0	6.0	15.8
19	2.00	1.50	1.00	1.00	0	0	3.0	1.1	3.3
20	18.85	21.53	2.00	0.30	1.0	2.0	8.0	6.7	7.2
21	8.00	3.00	0	0	0	7.7	7.2	2.1	5.4
Total	193.08	96.53	40.13	30.09	27.1	75.7	125.0	165.0	183.9

Miscellaneous Measurements

Willow Creek near Ririe, Idaho
Above Progressive Irrig. District Canals

Date	Discharge in s.f.
11-9-42	27.6
12-15-42	35.1
12-29-42	39.5
1-9-43	37.2
2-8-43	39.4
3-8-43	46.0
4-17-43	1098

Blackfoot River near Presto
At U. S. I. S. Gaging Station

Date	G. H.	Disch. in s.f.
10-15-42	3.16	42.6
11-7-42	3.20	47.1
12-11-42	Frozen	53.6
1-8-43	"	41.9
3-10-43	"	32.4

Conant Creek at Mouth near Ashton, Idaho

Date	Disch. in s.f.
10-8-42	23.7
11-5-42	25.0
11-30-42	46.5
12-31-42	40.8
2-15-43	34.3
4-2-43	74.6

Losses in Winter Diversions 1942-43 above Clough Gaging Station

New Sweden Area
West Side Snake River between Osgood Canal & Firth

acre-feet

Month 1942-43	Total Diversions	Total Surface Return Flow	Loss
Nov.	11,500	5,800	5,700
Dec.	10,100	6,100	4,000
Jan.	8,300	5,400	2,900
Feb.	5,100	2,400	2,700
Mar.	3,500	1,900	1,600
Total	38,500	21,600	16,900

Thomas Area
West Side Snake River between Firth & Clough

acre-feet

Month 1942-43	Total Diversions	Total Surface Return Flow	Loss
Nov.	11,100	5,000	6,100
Dec.	6,500	1,700	4,800
Jan.	4,200	1,200	3,000
Feb.	1,800	700	1,100
Mar.	2,700	800	1,900
Total	26,300	9,400	16,900

Island Area
Between Snake River and Great Feeder

acre-feet

Month 1942-43	Total Diversions	Total Surface Return Flow	Loss	Gain
Nov.	9,200	6,300	2,900	0
Dec.	3,200	3,500	0	300
Jan.	1,100	2,500	0	1,400
Feb.	1,000	2,000	0	1,000
Mar.	2,200	2,600	0	400
Total	16,700	16,900	2,900	3,100

Idaho Falls Area
On East Side of Snake River between Great Feeder & Firth
Acre-feet

Month 1942-43	Total Diversions	Total Surface Return Flow	Loss
Nov.	71,100	26,400	44,700
Dec.	43,700	18,400	25,300
Jan.	26,100	7,800	18,300
Feb.	19,800	3,400	16,400
Mar.	20,500	5,000	15,500
Total	181,200	61,000	120,200

Wilford Area
Between Henrys Fork, Fall River, & Teton River
Measured Diversions, Return Flow, & Losses
in Acre-feet

Month 1942-43	Total Diversions	Total Surface Return Flow	Loss
Nov.	13,300	3,700	9,600
Dec.	6,000	1,300	4,700
Jan.	2,700	500	2,200
Feb.	1,400	300	1,100
Mar.	1,500	400	1,100
Total	24,900	6,200	18,700

Thornton Area
Under all canals diverting from North Side of Snake River.
All return flow enters Henrys Fork between Rexburg Sta. & mouth
Acre-feet

Month 1942-43	Total Diversions	Total Return Flow	Gain
Nov.	9,900	12,200	2,300
Dec.	1,900	6,400	4,500
Jan.	1,500	5,700	4,200
Feb.	1,400	5,600	4,200
Mar.	1,500	6,600	5,100
Total	16,200	36,500	20,300

Egin Bench
From Dewey Canal to Rexburg Gaging Station on West Side of Henrys Fork
In Acre-feet

Month 1942-43	Total Diversions	Total Return Flow	Loss
Sept.	36,400	10,500	25,900
Oct.	25,500	8,000	17,500
Nov.	14,200	4,900	9,300
Dec.	8,000	2,400	5,600
Jan. '43	10,300	1,800	8,500
Feb.	9,900	1,500	8,400
Mar.	11,000	1,700	9,300
Apr.	42,300	2,100	40,200
May	72,800	4,200	68,600
June	70,000	7,100	62,900
July	65,900	9,400	56,500
Aug.	63,400	10,900	52,500
Total	429,700	64,500	365,200

DISTRIBUTION ON HENRYS FORK

Mr. Melvin Luke, Deputy Watermaster at St. Anthony, continued in charge during 1943 of distribution on Henrys Fork, Fall River, and Lower Teton River. The water supply in this section was more than adequate for all demands and large holdovers existed in the reservoirs on September 30. Water spilled past the lowest diversions on Teton River throughout the season after filling all upstream demands, so it was unnecessary to carry any stored water through the Cross Cut Canal from Henrys Fork to Teton River.

Henrys Lake filled on June 29, 1943, and flowed over the spillway from June 30 to August 7 for the first time since its construction in 1923. The flow discharged into Henrys Lake through the Dry Creek Feeder Canal was so great during 1943 that it eroded quite a deep channel, due to the excessive grade beyond the end of the constructed canal, and deposited a large amount of eroded material in the old Henrys Lake outlet channel about 1/4 mile above the dam.

A channel will have to be cut through or around this filled in gravel, sand, and silt before the Lake can be drawn below the 9.0 ft. gage level (43,000 acre-ft.).

The natural flow of Fall River was adequate to meet all demands by canals on that stream and it was not necessary to release any storage from Grassy Lake.

In computing the segregation of normal flow and storage at the outlet of Island Park Reservoir the normal flow was credited with a 30 sec.-ft. daily reservoir loss from July 19 to August 15, which was recovered for the storage rights by crediting them with 30 sec.-ft. reservoir bank storage return flow from August 27 to September 23 on the falling reservoir stage.

The following amounts of water passed the lowest canal heading on Henrys Fork (Consolidated Farmers) during the period of storage use on Henrys Fork, August 3 to September 25:

Aug. 3-31	27,900 acre-ft.
Sept. 1-25	56,000 " "
Total	83,900 " "
Storage	9,200 " "
Normal Flow	74,700 " "

Rights on Henrys Fork and tributaries were regulated according to the Snake River schedule shown on page 10, except for a slight shortage for a few days about the last of July.

Stored Water Allotments

Fremont-Madison District

Island Park Reservoir		
	Contents July 19	133,350 acre-ft.
Grassy Lake		
	Contents July 19	15,260 acre-ft.
Yield of Sheridan Cr. Decree		
	July 18 to Sept. 25	2,027 acre-ft.
Total		150,637 acre-ft.

The Sheridan Creek decree is a natural flow right that was originally appurtenant to lands now flooded by Island Park Reservoir. It was transferred to the lands within the Fremont-Madison District but it is more convenient to include it as a storage right rather than to make some arbitrary distribution of it as a natural flow right among the District canals.

Henrys Lake Allotment 1943

Contents July 18	82,157 acre-ft.
Est. dead storage and loss	3,000 " "
Available for allotment	79,157 " "

Allotted as follows:

	%	Acre-feet
Last Chance	15.3	12,111
St. Anthony Union	6.8	5,383
Salem Union	24.2	19,156
Egin	6.8	5,383
Independent	26.8	21,214
Consolidated Farmers	20.1	15,910
Total	100	79,157

9.13% of the Last Chance right was assigned to the Dewey Canal.

Storage deliveries and allotments are shown on Plate 22. The Fremont-Madison District allotted 106,631 acre-ft. to owners of rights in the District and rented 279 additional acre-ft. to such parties. To lands outside the District it made the following rentals:

Boom Creek Canal	108 acre-ft.
Squirrel Cr. Canal	82 " "
Island Park Users	140 " "
Canyon Creek Canal	1120 " "
Teton Basin Users	1649 " "

The water for the Canyon Creek Canal and Teton Basin Users was rented at 30¢ per acre-ft. to meet the rental price on Snake River as Snake River water could have been made available through exchange for Teton River users during all of 1943 without use of the Cross Cut Canal. Other rentals by the Fremont-Madison District were at 75¢ per acre-ft.

The segregation of flow at the various measuring stations from Henrys Lake to Rexburg is shown on Plate 21. The net retention of Snake River water by Henrys Fork users for the season ending September 28 appears on this Plate as a minus seasonal storage total at Rexburg of

1,318 sec.-ft. or 2,614 acre-ft. The Enterprise Canal diverted 13,291 acre-ft. of American Falls storage water so there were 10,677 acre-ft. of stored water from Island Park Reservoir that spilled past Rexburg during the above period. There were also an additional 4,600 acre-ft. of Island Park storage that spilled past Rexburg after Sept. 28 up to Oct. 7, due to the desire of the Bureau of Reclamation to draw down the water level in that reservoir.

The loss in Henrys Lake from July 29 to September 18 amounted to 1,468 acre-ft.

Rights on the lower Teton River were unaffected by the use of water in Teton basin during 1943 and an amount of water equal to all the storage used on Teton River was delivered from Island Park Reservoir past Rexburg for the benefit of Snake River users to replace the Teton River natural flow diverted as stored water.

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

Diversions during 1943 Irrigation Season on
Henrys Fork, Fall River, and Lower Teton River.

Canal	Diversions (acre-ft.)	Area Irrigated (acres)	Diversions acre-ft. per acre.
Fall River Canals			
Yellowstone	1,200	1,000	1.2
Harrigfeld	0	0	0
Marysville	30,700	13,000	2.4
Farmers Own	11,200	7,800	1.4
Almy	0	0	0
Enterprise	34,600	5,843	5.9
Bell	1,730	160	10.8
Fall River	87,900	8,000	11.0
McBee	1,120	120	9.3
Chester	11,400	1,350	8.4
Silkey	2,030	520	3.9
Dur	8,210	1,500	5.5
Total Fall River	190,090	39,293	4.9

Canal	Diversions (acre-ft.	Area Irrigated (acres)	Diversions acre-ft. per acre
Henrys Fork Canals			
Dewey	4,620	1,000	4.6
Last Chance	17,870	1,840	9.7
St. Anthony Union	124,100	10,000	12.4
Farmers Friend	29,440	2,900	10.1
Twin Groves	34,820	2,500	13.9
Salem Union	47,910	5,300	9.0
Egin	76,720	6,000	12.8
Union Feeder	14,690	2,000	7.3
Independent	74,980	7,000	10.7
Consolidated Farmers	53,180	6,000	8.9
Total Henrys Fork	478,330	44,540	10.7
Lower Teton Canals			
Siddoway	1,690	500	3.4
Wilford	26,430	1,800	14.7
Teton Irrigation	16,670	2,000	8.3
Good Luck	4,110	340	12.1
Pioneer	3,660	400	9.2
Stewart	5,280	366	14.4
Pincock-Byington	1,890	300	6.3
Pincock-Garner	3,720	440	8.4
Teton Island Feeder	89,560	10,400	8.6
North Salem	1,420	400	3.6
Roxana	(a) 2,980	720	4.1
Island Ward	9,440	3,000	3.1
Woodmanse-Johnson	5,330	1,200	4.4
City of Rexburg	10,160	1,200	8.5
Rexburg Irrig.	43,960	5,280	8.3
McCormick-Rowe	1,360	150	9.1
Saurey-Sommers	3,700	640	5.8
Total Lower Teton R.	231,360	29,136	7.9
Total Fall River, Henrys Fork, and Lower Teton River	899,780	112,969	8.0

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

Stored water diversions on Henrys Fork and tributaries amounted to 55,750 acre-ft. or less than one-half of the storage used in 1942.

Records were secured of diversions during 1943 by some of the larger canals on upper Teton and Fall Rivers, as follows:

Canal	Diversions May to Sept. (acre-ft.)	Area Irrigated (acres)	Diversions Acre-ft. per acre
Conant Creek	5,080	700	7.3
Squirrel Creek	1,010	-	-
Boom Creek	1,840	-	-
Canyon Creek	6,130	2,500	2.4
Fox Creek Irrig. Co.	15,200	3,635	4.2
String Canal	14,300	2,100	6.8
Trail Cr. Irrig. Co.	36,500	4,500	8.1
Grand Teton	36,300	6,500	5.6

One trip was made during August regulating water in the Island Park region where the users rented 140 acre-feet of stored water.

River gains and losses in Henrys Fork Basin

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

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

Gain in Henrys Fork, Lake to Island Park Stations, 1943

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

Station	May	June	July	Aug.	Sept.	Season
Lake	310	309	1,629	3,212	940	6,400
I. P. Res. release	-2,470	720	651	11,840	13,240	23,981
Total Supply	-2,160	1,029	2,280	15,052	14,180	30,381
Island Park	32,113	32,968	17,372	27,775	28,865	139,093
Total gain s.f.	34,273	31,939	15,092	12,723	14,685	108,712
Mean gain s.f.	1,106	1,065	487	410	490	711
Tot. gain ac.-ft.	67,979	63,350	29,934	25,236	29,128	215,627

The gain for the season was 34,000 acre-ft. greater than during 1942, about one-half of which occurred in June.

Gain in Henrys Fork, Island Park to Warm River stations, 1943

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

Station	May	June	July	Aug.	Sept.	Season
Island Park	31.661	33.486	17,466	27,378	29,107	139,093
Warm River	55,030	47,220	31,256	39,521	40,960	213,987
Tot. gain s.f.	23,369	13,734	13,790	12,143	11,853	74,889
Mean gain s.f.	754	458	445	392	395	489
Tot. gain ac.-ft.	46,352	27,241	27,352	24,086	23,510	148,541

The seasonal gain was 24,000 acre-ft. greater than during the previous year.

Gain in Henrys Fork, Warm River to Ashton station, 1943

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

Station	May	June	July	Aug.	Sept.	Season
Warm River	55,001	47,403	31,308	39,371	41,041	214,124
Ashton	85,930	71,450	46,130	52,690	52,450	308,650
Tot. gain s.f.	30,929	24,047	14,822	13,319	11,409	94,526
Mean gain s.f.	998	802	478	429	380	618
Tot. gain ac.-ft.	61,347	47,696	29,399	26,418	22,629	187,489

The gain in this section, consisting almost entirely of inflow from Warm River and Robinson Creek, was about 44,000 acre-feet greater than in 1942. The computed gains disregard any changes in the level of the U. P. & L. forebay above its Ashton plant. Such changes are ordinarily of small magnitude.

Gain in Fall River, Squirrel to Chester stations, 1943

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

Station	May	June	July	Aug.	Sept.	Season
Squirrel	59,803	75,323	50,261	23,605	20,373	229,365
Diversions	8,610	19,005	21,583	18,924	11,661	79,783
Chester	62,910	62,700	31,288	6,867	10,218	173,983
Tot. acct. for	71,520	81,705	52,871	25,791	21,879	253,766
Tot. gain s.f.	11,717	6,382	2,610	2,186	1,506	24,401
Mean gain s.f.	378	213	84	71	50	160
Tot. gain ac.-ft.	23,240	12,659	5,177	4,336	2,987	48,379

The seasonal gain was about 6,000 acre-ft. greater than during

1942, practically all of which occurred in May during the snow run-off period.

Gain in Henrys Fork, Ashton to St. Anthony stations, 1943

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

Station	May	June	July	Aug.	Sept.	Season
Ashton	85,907	71,750	46,211	52,540	52,548	308,956
Chester	62,833	62,879	31,616	6,894	10,190	174,412
Total Supply	148,740	134,629	77,827	59,434	62,738	483,368
Diversions	30,593	29,034	29,229	24,974	16,650	130,480
St. Anthony	120,880	106,090	51,839	36,677	48,680	364,166
Tot. Acct. for	151,473	135,124	81,068	61,651	65,330	494,646
Tot. gain s.f.	2,733	495	3,241	2,217	2,592	11,278
Mean gain s.f.	88	16	104	72	86	74
Tot. gain ac.-ft.	5,421	982	6,428	4,397	5,141	22,369

The average daily gain was 11 sec.-ft. greater than in 1942.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg stations, 1943

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

Station	May	June	July	Aug.	Sept.	Season
St. Anthony	120,880	106,090	51,839	36,677	48,680	364,166
Teton River	54,970	69,420	52,010	28,607	20,537	225,544
Total Supply	175,850	175,510	103,849	65,284	69,217	589,710
H.Fk. diversions	26,328	25,215	22,655	22,285	14,222	110,705
Teton diversions	17,632	28,581	30,896	23,916	15,640	116,665
Rexburg	136,330	136,840	70,965	38,072	55,850	438,057
Tot. acct. for	180,290	190,636	124,516	84,273	85,712	665,427
Tot. gain s.f.	4,440	15,126	20,667	18,989	16,495	75,717
Mean gain s.f.	143	504	667	612	550	495
Tot. gain ac.-ft.	8,807	30,002	40,992	37,664	32,718	150,183

The gain was greater each month than during the previous year, the increased gain for the season amounting to about 45,000 acre-feet. The floodwaters from the foothills and Moody Creek, a tributary to Teton River below the St. Anthony gaging station, spread over a considerable area during the preceding winter and early spring of 1943 and contributed a substantial amount of water to the ground water basin in this section.

TETON BASIN

Mr. Oleen Dummer served as Deputy Watermaster in Teton Basin until August 14 and was succeeded by Mr. Ival Goslin who handled the water distribution in that region until September 1, by which date the demand for water had decreased so that the local users were able to supply their remaining needs without controversy among themselves.

Storage rented during 1943 by Teton Basin users amounted to 1,649 acre-ft., reservoir measurement, as follows:

Trail Creek Irrig. Co.	1,144 acre-ft.
String Canal Co.	325 " "
South Leigh Creek	180 " "
Total	1,649 " "

The amount of storage rented in Teton basin was much less than usual due to the late date of beginning storage use and to the fact that rights of 1894 and earlier priority, amounting to over 350 second-feet in Teton basin, were never cut in 1943 whereas in all other years during the past decade all natural flow rights in Teton basin were cut off to supply prior rights on the lower Teton river.

Storage rentals were all delivered to prior Snake River rights from Island Park Reservoir where the water was rented at 30¢ per acre-ft. from the Fremont-Madison Irrigation District. At a meeting held in Rexburg during the summer of 1943 the lower users in Teton River agreed that the practice of diverting 1-3/4 acre-ft. of stored water in Teton Basin for each acre-ft. of water rented in the Island Park Reservoir could continue during the 1943 season, pending measurements and study by the State Department of Reclamation, to be followed by further negotiations and a permanent agreement, if possible, between the upper and lower users on Teton River.

A report was made by the State Reclamation Engineer on this matter dated September 30, 1943, as follows:

Boise, September 30, 1943

Mr. F. C. Gillette, Secretary,
Trail Creek Irrigation Co. and String Canal Co.
Victor, Idaho
and
Mr. F. L. Davis, Secretary,
Lower Teton Water Users
Rexburg, Idaho

Gentlemen:

Pursuant to your requests, an investigation was made on August 6 to 9 inclusive, by a representative of this office, and it was determined that the water transportation loss on Trail Creek to its mouth was 33.26%, and that there was no loss on the Teton River from the mouth of Trail Creek to the Tetonia U. S. G. S. gaging station.

The enclosed report shows that by using a mean percentage of the loss determined at this time and during previous years on Trail Creek, the result is 32.83%; and that the mean percentage of loss determined at this time on Teton River, averaged with measurements taken in the dry year of 1934, is 21%.

If an average of losses were made based on all water measurements of record, the mean percentage on the reach of the stream, including Trail Creek and the Teton River to the Tetonia U. S. G. S. gaging station, is 46.93%.

From the investigations and measurements that have been made on Trail Creek this year and previous years, it is indicated that the average percentage of loss is more or less constant, irrespective of whether it is a good or poor irrigation season. On the other hand, however, the average loss on the Teton River from the mouth of Trail Creek to the Tetonia U. S. G. S. gaging station varies from 42% in a dry season like 1934 to no loss in a good water year like 1943.

It was desirable to have had more measurements taken this year, but on account of the need for irrigation water in the upper valley for the maturing of crops, the water users were not in favor of closing their gates for two days so a test run could be made.

In regard to a fair basis for exchange of storage water from the Island Park Reservoir for irrigation water diverted and used in the upper Teton Valley, this office takes this position: In order to base an opinion on a close determination of transportation losses from the upper to the lower valley of the Teton River, it would entail considerable field work and hydrographic study covering a period of two or more years.

Since it apparently is the desire of all parties concerned and affected with the exchange of this storage water from Island Park Reservoir to have the opinion of this office in regard to the matter at an early date, therefore this opinion can only be based on the information available.

It is the opinion of this office that an exchange of water between the water users of the Upper Teton River with the Lower Teton water users be on the net basis of 1-3/4 acre feet being diverted by the upper users to every acre foot of storage water purchased or rented in the Island Park Reservoir for use by the lower water users.

Very truly yours,

JAMES SPOFFORD
State Reclamation Engineer.

TETON RIVER INVESTIGATIONS AND RECOMMENDATIONS

To: Mr. F. C. Gillette, Secretary,
Trail Creek Irrigation Corporation
and String Creek Canal Co.

Mr. F. L. Davis, Secretary,
Water Users of Lower Teton River

In outlining this report, for explanation purposes, the following letters and resolutions are hereby quoted:

"WHEREAS, The land owners and water users of the Trail Creek Irrigation Corporation and the String Canal Corporation farming and irrigating some seventy-five hundred acres of land in Teton County, Idaho, and

"WHEREAS, Said lands are dependent upon the natural flow of water from Moose, Gama, and Trail Creeks in Teton County, Idaho, and

"WHEREAS, Water rights in Teton County are subject to earlier rights on the Lower Teton River, and

"WHEREAS, It is necessary for the Trail Creek and String Canal Companies to secure storage water to replace the natural flow when it can be called down stream by prior rights, and

WHEREAS, The Trail Creek and String Canal Companies have been diverting by agreement with the lower water users one and three-fourths (1-3/4) acre feet for each one acre foot purchased, and

"WHEREAS, The Trail Creek and String Canal Water users feel a more equitable diversion should be allowed them due to an early appreciable return flow into Teton River, and

"WHEREAS, Negotiations are now under way to secure storage space in the Island Park Reservoir, and

"WHEREAS, A preliminary survey has been made by the Soil Conservation Service showing material benefit from return flow to lower valley water users, and

"WHEREAS, It is deemed desirable to make further survey before arriving at a definite conclusion,

"NOW THEREFORE, be it resolved by the Trail Creek Irrigation Company and the String Canal Company that the Department of Reclamation for the State of Idaho and the United States Department of Reclamation cooperatively take immediate steps to make such further study and tests securing any and all data necessary to enable them to make intelligent recommendations to the upper and lower Teton River water users regarding the proper basis of purchase and diversion of said waters used by said Trail Creek and String Canal Companies.

"BE IT FURTHER RESOLVED, That the water users of said Trail Creek and String Canal Companies hereby agree to accept the decision arrived at by the State and Federal Reclamation Departments as a basis upon which permanent storage rights shall be fixed in the Island Park Reservoir.

"BE IT STILL FURTHER RESOLVED, That copies of this resolution be spread upon the minutes of the Trail Creek Irrigation Corporation and the String Canal Company, and that copies be sent to James Spofford, Commissioner of Reclamation at Boise, Idaho, John S. Moore and S. O. Harper, Denver, Colorado, and the Fremont-Madison Irrigation District, St.Anthony, Idaho.

TRAIL CREEK IRRIGATION CORPORATION
By N. G. Daniels, President
STRING CANAL COMPANY
By Geo. Hunt, President

Attest:
F. C. Gillette
Secretary

Dated at Victor, Idaho - April 5, 1943.

"Mr. Lynn Crandall
Watermaster District No. 36
Idaho Falls, Idaho

Dear Sir:

"At a meeting held in the Madison County Court House this 28th day of May, A. D. 1943, there being present officers and directors of the following Canal Companies: Fremont-Madison Irrigation District, Siddoway Irrigation and Manufacturing Company, Teton Irrigation and Mfg. Co., Wilford Irrigation Company, Woodmansee-Johnson, Rexburg City Ditch Co., Teton Island Feeder Canal Company, Island Ward Canal Company, Consolidated Farmers' Canal Co., Salem Irrigation Canal Company. At this meeting the following resolution was unanimously adopted:

"WHEREAS, We, the officers and directors of the above mentioned Canal Companies, having just been informed of a resolution adopted by the Trail Creek Irrigation Corporation and the String Creek Canal Corporation, wherein it is stated "The Trail Creek and String Canal Companies have been diverting by agreement with the lower water users, one and three-fourths (1 3/4) acre feet for each acre foot purchased', and

"WHEREAS, We the Water Users of the Lower Teton River, have never by agreement given our consent to any one at any time for such diversion.

"NOW, THEREFORE, We, the Water Users of the Lower Teton River do hereby protest of any such diversion of our decreed water to the above mentioned two canals or to any other parties whatsoever, on the above mentioned basis or any other basis, unless our consent has been first obtained in writing.

"We further demand that our decreed water be not diverted, distributed or in any way transferred to others without our written consent having first been obtained.

"That a copy of this resolution be spread upon the minutes of the several Canal Companies, and a copy be sent to the following: Mr. Lynn Crandall, Watermaster Dist. No. 36, at Idaho Falls, Idaho; Hon. James Spofford, Commissioner of Reclamation, at Boise, Idaho; Department of Reclamation at Denver, Colo.; and to F. C. Gillette, Secretary of Trail Creek and String Canal Companies."

Yours very truly,

W. L. DAVIS, Secretary
Rexburg, Idaho

Dated at Rexburg, Idaho - May 28, 1943

"Honorable James Spofford
Commissioner of Reclamation
Boise, Idaho

Dear Sir:

"As explained to you when you were here, we held our meeting last evening and the water users of the Lower Teton River desire that a survey of the Teton River be made by your department for the purpose of arriving at a fair basis for the exchange of water on the Teton River and tributaries.

"They would appreciate this being done at the earliest possible date and that the survey would be of no avail unless the water was turned down the river for a period sufficient to allow measurements to be made.

"Kindly let me know when this work will be started and if there is anything we can do to assist."

F. L. DAVIS

Dated at Rexburg, Idaho - July 22, 1943

The U. S. Bureau of Reclamation was requested, by resolution of the water users, to cooperate with the State Department of Reclamation in the findings of this investigation; however, it was stated by J. S. Moore of the Bureau "That a solution of these problems bears no direct relationship to the arrangements that may be made to secure storage capacity for the benefit of lands in Teton Basin".

In view of the foregoing statement, the State Department of Reclamation acted independently, and proceeded with an investigation, and hereby makes the following report:

The water users of the Teton Basin wish to supplement their water supply by the purchase of storage water, thereby exchanging natural flow water, which after the flood water season belongs to the Lower Teton River users, by decree, for storage waters which can be delivered to lower users through the Henry's Fork and Cross Cut Canal from the Island Park Reservoir.

This exchange of water has been carried on for the past several years, upon a basis of the upper users delivering to the lower users fifty per cent of the former's diversions in Teton Basin, allowing for loss in Henry's Fork and Cross Cut Canal on the rented stored water, which permits the Teton Basin or upper users to divert one and three-fourths (1 3/4) acre feet for each acre foot of storage water rented or purchased in said Island Park Reservoir. Thus for every 100 acre feet of storage water purchased in the reservoir, after deduction of carriage losses in Henry's Fork and Cross Cut Canal are considered, 87.5 acre feet of storage water would be delivered to lower Teton water users in exchange for 175 acre feet of natural flow rights diverted by the Upper water users. This exchange basis being set up on the percentage of carriage loss on the various creeks and Teton River between the diversions of the upper and lower users, based upon the amount of water which it was necessary to turn down to the lower users to satisfy prior rights as decreed.

A study of the area under consideration disclosed that apparently eighty (80) per cent of the proposed storage water purchased will be used by water users under the Trail Creek drainage; Therefore, for this and other practical reasons, the waters of Trail Creek was the only creek used in making a test run of water measurements to determine carriage losses on released water in Trail Creek and Teton River. Immediately prior to this investigation, Trail Creek waters were being all diverted above and adjacent to the town of Victor, leaving the lower sections of the creek channel practically dry prior to the test run.

On the morning of August 5th, by agreement with all water users, Roy W. Thompson, assistant in the Department of Reclamation, assisted by Oleen Dummer, Deputy Watermaster on Upper Teton River, closed all diversions on Trail Creek, as nearly as possible, diverting all the flow down Trail Creek channel into the Teton River, for the purpose of checking and determining carriage losses in Trail Creek channel and the Teton River as far as Tetonia U.S.G.S. measuring station, located at the head of the canyon at the lower end of Teton Basin.

Prior to closing the diversions on Trail Creek, the waters of Teton River were measured at Tetonia Station, and the automatic water recorder checked and recorded for future use.

Beginning on the morning of August 6th, Mr. Thompson, accompanied by Mr. Dummer as assistant, measured the flow of Trail Creek above all diversions, measuring all inflow and outflow on Trail Creek to a point where rising water commenced to flow, which point was established as being the mouth of Trail Creek, where water was again measured, as being the flow into Teton River.

Upon special request, the creek was divided into three sections. The following tabulation shows the loss in each section, and the total transit loss on Trail Creek.

"Report showing transit loss in water of Trail Creek
Measurements taken on August 6, 1943, with all diversions closed
except leakage

Loss by Sections

Computation in Second Feet

Section 1

Supply - Trail Creek above String Canal		121.9
Game Creek at Highway		38.1
Total supply above all diversions		160.0
Diversions - String Canal	1.08	
Kimball "	1.12	
Town "	6.26	
Ricks "	.98	
Brissler "	3.00	
Edwards "	.10	
Spencer "	3.36	
Humble "	1.24	
Tonks "	2.12	
McBride "	.80	
Total diversions in section	20.06	
Trail Creek below Tonks Canal	126.54	
Total accounted for in section		146.60
Total loss in section		13.40
Per cent loss in section	8.38%	

Section 2

Supply below Tonks Canal		126.54
Diversions in section	.80	
Trail Creek below Porter Ditch	114.23	
Total accounted for in section		115.03
Transit loss in section		11.51
Percent loss in section	9.1%	

Loss by Sections

	Section 3	Computation in second-feet
Supply below Porter Ditch		114.23
Diversions in section	.40	
Trail Creek at live water	85.53	
Total accounted for in section		85.93
Transit loss in section		28.30
Per cent loss in section	24.77%	

NOTE- Section 3: The Trail Creek channel in Section 3 was in poor condition for making a test run, it being completely filled up with drift at one point, causing the water to overflow and spread before returning to the channel below, flooding approximately one acre. The balance of the channel was filled with a heavy growth of young willows and other vegetation.

TOTAL TRANSIT LOSS

Total supply above diversions		160.00
Total diversions	21.26	
Amount reaching live water	85.53	
Total accounted for		106.79
Total Transit loss		53.21
Per cent loss	33.26%	

In determining the loss on additional river flow in Teton River from live water at the lower end of Trail Creek to the Tetonia gaging station during the test run, it was necessary to compute the daily average decrease of stream flow, as the test was taken during the falling stage of the river, and the increase in flow caused by precipitation during the testing period.

Precipitation records received from the Tetonia U. S. Weather Bureau recording station gave the precipitation as follows: August 1, 0.06 inch; August 2, 0.40 inch; August 4, 0.14 inch; August 6, 0.05 inch; and August 7, 0.06 inch.

The following information and effect of precipitation to the river flow at Tetonia U. S. G. S. gaging station, as given by Mr. Crandall, Watermaster in Water District No. 36, is as follows:

July 7, 1942 - 0.12 inch precipitation raised the river 30 sec.-ft.
July 15, 1942 - 0.43 inch precipitation raised the river 77 sec.-ft.
August 29, 1942 - 0.08 inch precipitation raised the river 15 second feet.
September 11 and 13, 1942 - 1.03 inches of precipitation raised the river 101 second feet.

On August 1, 1943, the precipitation was 0.06 inch, and on August 2 the precipitation was 0.40 inch. The precipitation during these two days raised the river approximately 105 24-hour second feet.

On August 6 and 7, 1943, the precipitation at the same station was given as 0.05 and 0.06 inches, making an accumulation of 0.11 inches of rainfall during the time the test run was being made. This precipitation, plus the Trail Creek water turned into Teton River - 171 24-hour second feet - raised the river at this gaging station to 235 24-hour second feet.

Allowing for heavier rainfall in the upper end of the basin than that recorded at Tetonia U. S. G. S. gaging station, it still leaves the carriage loss on the Trail Creek water, from rising water on Trail Creek to the gaging station practically nil.

It is logical to assume that under the conditions of heavy groundwater inflow existing in 1943, the carriage loss through this section of the river would be practically nil, due to the fact that the increased head was only twelve per cent of the total river flow at Tetonia measuring station, and also to the extreme seeped condition or high water table of the swamp area through which the river flows.

No measurements were taken to determine river losses on Teton River between Tetonia U. S. G. S. gaging station and the first diversion on the lower Teton River. It was the opinion of Mr. Crandall that there was very little loss to the flow through this section of the river, and that it would be very difficult to check this section of the river for determination of losses.

The following is a list of Trail Creek and Teton River carriage losses taken at previous times under the supervision of Mr. Crandall in Water District No. 36:

Losses in Trail Creek

Date	Total Flow (Sec. Ft.)	Loss (Sec. Ft.)	Loss (Percentage)
May 2, 1934	94.4	45.1	48 %
May 18	176.9	51.5	29 %
May 31	107.9	34.4	32 %
June 9	80.8	13.1	16 %
June 16	81.3	20.3	25 %
June 24	70.5	21.4	30 %
July 2	60.7	23.1	38 %
July 10	52.5	21.5	41 %
Aug. 1, 1935	106.8	49.7	47 %
Aug. 17	81.1	37.1	46 %
Aug. 22	78.9	43.6	55 %
Aug. 28	66.9	29.1	44 %
Sept. 5	60.4	25.8	43 %
Sept. 11	54.8	25.1	46 %

Date	Total Flow (Sec. Ft.)	Loss (Sec. Ft.)	Loss (Percentage)	
Aug. 7, 1936	88.4	12.4	14 %	
June 20, 1939	181.0	9.	5	Raining
July 1	252.	42.	17	Water all
July 20	128.	20.	16	being
May 28, 1940	346.	27.2	8	diverted
Aug. 28, 1941	72.2	26.4	36	
Aug. 24, 1942	67.7	33.2	49	
	Average		33 %	
Aug. 6, 1943	160.0	53.21	33.26%	

Determined by State Department of Reclamation

Losses thru Swamps between live water on Trail Creek & Tetonia Station

Date	Raise at live water on Trail Cr. (Sec. Ft.)	Raise reaching Tetonia Station (Sec. Ft.)	Loss (Sec. Ft.)	%
May 18, 1934	105.	74	31	30 %
May 31, "	67.6	30	37.6	56 %
June 9, "	62.	35	27	43 %
June 16 "	55.	37	18	33 %
June 24 "	41.2	28	13.2	32 %
July 2 "	29.8	16	13.8	46 %
July 10 "	22.6	10	12.6	56 %
	Average			42 %
Aug. 7-9, 1943	85.53	85.53	--	--

(State Department of Reclamation)

It will be noted that several test runs were made showing Trail Creek losses during the year 1934, which was one of the dryest years of record; however, only one test was made during 1943. It must be stated that the season of 1943 was an abnormal year in Teton Basin relative to water supply. Surface and ground water conditions were above normal throughout the season, and it was considered one of the best water years of record. All valid rights on lower Teton River in 1943 were filled by inflow below the Teton Basin diversions, so the lower rights were unaffected by Teton Basin diversions in 1943. Water spilled throughout the 1943 season past the lowest diversion on Teton River into Henry's Fork with no diversion through the Cross Cut Canal into Teton River.

The average or mean per cent of loss on Trail Creek water during the year of 1934, taken from the Crandall report, was 32.4 per cent, while the loss as shown by the one test run in 1943 shows 33.26 per cent loss; leaving a mean percentage of loss for the two abnormal water years of 32.83 per cent.

The average loss in Teton River from additional water turned down from Trail Creek, from the mouth of Trail Creek to the Tetonia U.S.G.S. gaging station, taken from Mr. Crandall's report for the year 1934, was 42 per cent; while according to the 1943 test run, the same section of river showed no loss whatsoever. Again taking the mean or average percentage of loss for the two years, 1934 and 1943, would give a 21 per cent loss for the river section.

On the above percentage basis of losses, assuming 100 second feet of water was turned down Trail Creek for delivery to water users below, 32.83 per cent would be lost in transit in Trail Creek, leaving 67.17 second feet delivered at the mouth of Trail Creek. Of this 67.17 second feet turned down Teton River, 21 per cent would be lost in transit between the mouth of Trail Creek and the Tetonia U.S.G.S. gaging station, leaving a total of 53.07 second feet delivered at said gaging station. The total transit loss from Upper Trail Creek to the Tetonia U.S.G.S. gaging station would be 46.93 second feet, which would be a total loss of 46.93 second feet or 46.93 per cent loss.

Respectfully submitted,

Dated Sept. 30, 1943 - STATE DEPARTMENT OF RECLAMATION

By (Signed) James Spofford
State Reclamation Engineer

Regulation on Teton Creek under the terms of the Wyoming Federal Court decree was made jointly by O. A. Dummer (until Aug. 15) and Ival Goslin for Idaho and Ross T. Wilson for Wyoming, as follows:

Teton Creek Regulation 1943

Canals	8/10/43		8/17/43	
	Before Regul.	After Regul.	Before Regul.	After Regul.
Waddell	6.5	6.5	4.1	4.1
Central	15.0	10.8	10.1	10.1
Brown C. et al	20.7	20.7	24.5	24.5
South Side	26.6	26.6	20.8	19.0
Grand Teton	61.0	65.2	36.9	37.0
Totals (sec.-ft.)	129.8	129.8	96.4	94.7

	8/20/43		8/27/43	
Waddell	3.8	3.8	2.3	2.5
Central	8.0	5.6	4.7	3.8
Brown C. et al.	21.3	15.5	16.6	10.5
South Side	18.0	15.0	10.7	9.8
Grand Teton	29.4	40.0	20.0	27.0
Totals (sec.-ft.)	80.5	79.9	54.3	53.6

After September 1, Mr. Claude Dalley, watermaster on the Grand Teton Canal, was appointed as Deputy Watermaster of District 36 to represent the Idaho rights in distributing the waters of Teton Creek for the balance of the 1943 season, but no specific records were kept after September 1st.

The discharge of streams and canals on which a number of measurements were made is shown on Plate 23. The results of various other miscellaneous measurements are as follows:

Discharge in Sec.-ft. of
West Side Creeks in Teton Basin, 1943
(above diversions except as otherwise noted)

Creek	June 9-11	June 21-22	July 14	Aug. 12
Packsaddle Creek	50.7	50.2	9.8	3.1
Dude Creek	2.0			
Horseshoe Creek	35.0	45.5		9.5
Twin Creek (North, Middle, South)	14.1	20.0	5.7	
Mahogany Creek	43.0	57.6	23.7	10.0
Paradise Creek	11.5	10.4	12.4	5.5
Bouquet Creek	1.8	2.7	3.4	2.2
Grove Creek	6.2	3.1	3.4	1.2
Warm Springs	2.2	2.5	1.0	1.1
Drake Springs	2.3	1.8	1.5	1.5
Johns Creek	7.3	6.8	3.2	1.9
Deep Creek	1.2	.5		.5
Little Pine Creek	18.7	8.5	1.8	1.0
Warm Cr. at highway	19.2	48.8	57.5	20.6
Patterson Creek	11.7	12.4	8.4	3.8

Darby Creek Canals

Date	Gage ht. (feet)	Disch. (Sec.-ft.)
Canon Canal		
June 3	0.84	3.0
" 16	1.14	6.7
do	1.46	16.5
Cherry Grove Canal		
June 16	4.30	15.2
do	4.56	24.5
do	4.83	35.5

Date	Gage ht. (feet)	Disch. (Sec.-ft.)
Todd Canal		
June 3	1.02	18.1
" 16	0.44	5.1
do	1.70	46.6
Hill Canal		
May 31	1.28	8.2
June 16	0.94	6.5
" 18	1.34	20.2
do	1.68	41.7

Date	Gage Ht. (feet)	Disch. (Sec.-ft.
North Canal from Fox Creek:		
June 26	0.92	16.5
do	1.44	53.0
do	1.67	74.9

South Leigh Creek

August 19, 1943

South Leigh Creek at Wyoming Line	1.05 c.f.s.
Killpack Canal " " "	2.20 "
Lon Fullmer Ditch " " "	1.69 "
Little Hog Canal " " "	8.95 "
Big Hog Canal " " "	1.57 "
Total entering Idaho (Rights cut to Feb. 6, 1895)	15.46 c.f.s.

Creek channel dry from 0.5 mile below Wyoming line to 0.5 mile above Tetonia-Driggs highway.

TRANSIT LOSS ON DESERT DITCH (Little Hog Canal)

(Second-feet)

June 30, 1943

Supply:		
Little Hog Canal at Wyo. line		16.74
Little Canal at head		25.64
Inflow from irrigation		.40
Total supply		42.78
Diversions:		
Lon Fullmer Ditch	3.95	
Cleve Hansen's Ditch	7.72	
I. W. Poulson's Ditch #1	4.10	
I. W. Poulson's Ditch #2	4.48	
C. Little Ditch	6.51	
Bradley's Ditch #1	2.37	
Bradley's Ditch #2	5.11	
Ray Little's Ditch	1.79	
Total	36.03	
Desert Ditch at Highway	4.91	
Total accounted for	40.94	
Transit loss from Wyo. line to Highway		1.84
Desert Ditch in J. O. White's field 3/4 mi. West of highway		4.47
Loss in ditch from Wyo. line to 3/4 mi. West of highway		2.28

LOSS IN GRAND TETON CANAL

August 18, 1943

Grand Teton Canal at head in Wyoming		35.6 c.f.s.
In two Dalley ditches (est.)	1.00 c.f.s.	
Seeping past Middle Lateral gate	.40 "	
North Lateral Gr. Teton Canal	25.60 "	
South Lateral of Gr. Teton Canal	6.60 "	
Total measured		33.6 c.f.s.
Loss in canal in approx. 0.5 mile from headgate in Wyoming to first three division gates in Idaho		2.0 c.f.s.

LOSS IN HORSESHOE CREEK

July 10, 1943

Discharge above all diversions			21.77 sec.-ft.
Diversions:	Louie Buxton	2.6 sec.-ft.	
	Fred Kay	8.3 "	
	A. Gilbert	3.2 "	
	Olsen	1.3 "	
	Martin	3.3 "	
	Total		18.7 sec.-ft.
Loss			3.07 sec.-ft.

GAIN IN TETON CREEK

July 16, 1943

	Gage	Discharge (sec.-ft.)
Teton Creek below Grand Teton Canal	2.24	89.6
Central Teton Canal	2.14	40.9
Price, Fairbanks Canal	-	11.9
Teton Creek at road E. of Driggs (3 channels)	-	39.1
Total acct. for		91.9
Gain in Section		2.3
Teton Creek at Pole line 3/4 mi. S.E. of Driggs (incl. Gordon ditch)		40.7
Gain in Section		1.6

Probably some loss in upper portion of section that was more than balanced by gain from groundwater inflow further downstream.

LOSS IN TRAIL CREEK

July 30, 1943

Trail Creek below Tonks Canal	6.78 sec.-ft.
Trail Creek above Job Porter's ditch	6.05 "
Loss in Section	0.73 "
Job Porter Diversion	4.09 "
Trail Creek at old weir in Job Porter's pasture	0.33 "
Loss in Section	1.63 "

DISTRIBUTION IN SWAN VALLEY SECTION

Mr. F. S. Thomas again served as Deputy Watermaster. Owing to the improved water supply many of the rights that are usually cut off each year remained in force throughout the 1943 season and as a consequence the local users only found it necessary to rent 230 acre-ft. of storage. This was delivered on the same 2 for 1 basis used in the past.

PRECIPITATION IN INCHES

(Actual and normal for year ending Sept. 30, 1943)

Month	Grassy L. Wyo.		Moran, Wyo.		Jackson, Wyo.		Afton, Wyo.		Irwin, Ida.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	1.68	3.50	0.61	1.58	0.59	1.54	0.78	1.64	0.54	1.22
Nov.	9.76	3.54	4.70	1.69	3.10	1.16	4.02	1.88	3.89	1.00
Dec.	10.33	4.97	3.13	1.76	2.22	1.40	1.59	1.30	1.95	1.17
Jan.	8.87	6.65	3.12	2.46	4.66	1.83	1.82	1.37	3.41	1.50
Feb.	4.88	4.40	1.88	2.20	.83	1.60	.77	1.23	1.92	1.12
Mar.	6.00	5.88	2.00	2.56	1.10	1.34	1.50	1.62	1.29	1.32
Apr.	3.50	3.60	1.64	1.60	.93	1.27	.81*	1.58	.57	.86
May	3.63	4.10	1.27	1.98	.57	1.95	.80*	2.12	1.31	1.66
June	2.65	4.15	.91	1.57	1.28	1.06	2.05	1.48	1.42	1.38
July	1.35	2.79	.23	1.12	.52	1.22	.29	1.03	.81	.93
Aug.	1.42	1.57	2.38	1.34	.95*	1.41	.79	1.32	.97	.98
Sept.	.49	2.02	.69	1.61	.48*	1.84	.33	1.52	.27	1.24
Year	54.56	47.17	22.56	21.47	17.23	17.62	15.55	18.09	18.35	14.38

* estimated.

Precipitation in Inches (cont'd)

Month	Ashton		Idaho Falls		Pocatello		Twin Falls		Av. 9 Stas.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	0.70	1.20	0.50	1.06	0.38	1.68	0.46	0.90	0.69	1.59
Nov.	3.33	1.19	2.01	.61	2.18	1.03	3.42	1.08	4.05	1.46
Dec.	2.33	1.56	.70	.97	1.09	1.15	1.80	.89	2.79	1.68
Jan.	2.21	1.82	1.39	1.10	.89	1.34	.63	1.09	3.00	2.13
Feb.	2.76	1.29	.57	1.03	.96	1.20	.86	.91	1.71	1.66
Mar.	.84	1.14	.41	.86	1.52	1.28	.92	.98	1.73	1.89
Apr.	1.14	1.18	.32	.89	.36	1.47	.54	.98	1.09	1.49
May	1.31	1.97	.23	1.37	.84	1.73	.45	.99	1.16	1.99
June	.99	1.44	1.03	1.10	1.38	1.09	1.86	.68	1.51	1.55
July	.42	.93	.37	.61	.51	.77	.24	.37	.53	1.08
Aug.	.48	.70	.24	.61	.62	.50	.11	.21	.88	.96
Sept.	.31	1.16	.02	.81	.28	.74	T	.55	.32	1.28
Year	16.82	15.58	7.79	11.02	11.01	13.98	11.29	9.63	19.46	18.76

The total precipitation for the year ending September 30, 1943 was 4% above normal as an average at the nine measuring stations. The average precipitation from November to February, inclusive, was 66% in excess of normal, but was deficient during the remainder of the year. During these four winter months deep snows piled up in the mountains and caused heavy runoff during the following spring and summer in spite of deficient precipitation occurring at that time.

EXPENDITURES DURING YEAR ENDING DECEMBER 31, 1943

Engineers and Hydrographers

Lynn Crandall	Salary 1 yr.	$5568.75
W. V. Iorns	" 1.38 mo. @ $327.36	451.76
Henry C. Eagle	" 10.20 mos. @ $319.02	3254.00
Melvin Luke	" 5 mos. @ $220	1100.00
Ival Goslin	" 3.83 mos. @ $180	690.00
Ray M. Berry	" 2.53 mos. @ $180	455.03
Oleen Dummer	" 2.72 mos. @ $180	490.45

Clerk

Charlotte M. Elg	Salary 1 yr.	2095.48

River Riders

D. W. Archibald	19 days @ $7.00 incl. mileage	133.00
D. R. Crystal	70 " @ $6.50 " "	455.00
A. H. Bush	32 " @ $7.50 " "	240.00
Eugene Liljenquist	70 " @ $6.00 " "	420.00
H. M. Bramwell	70 " @ $6.50 " "	455.00
F. S. Thomas	64 " @ $7.50 " "	480.00
Joe Bohi	20 " @ $6.00 " "	
	49 " @ $6.50 " "	438.50
Walter C. Lenz	2.35 mo.@ $40 mo. " "	94.19

Miscellaneous

Transportation, 2,395 miles @ 4½¢ a mile; 37,354 miles @ 5¢ a mile.	1975.46
Telephone & Telegraph	300.22
Supplies & Equipment	902.09
Gage Readers	720.85
Construction and repairs	90.50
Bond premium and insurance	119.65
Miscellaneous	662.22
Total	$21,592.15

Expenditures from various funds

Water-users funds	$12,313.88
State of Idaho Stream Gaging fund	3,075.26
U. S. Geological Survey	6,203.01
Total	$21,592.15

In addition to the foregoing, upper valley members of the Committee of Nine were paid $123.09 for services at $5 per day and expenses, which was pro-rated among upper valley canals.

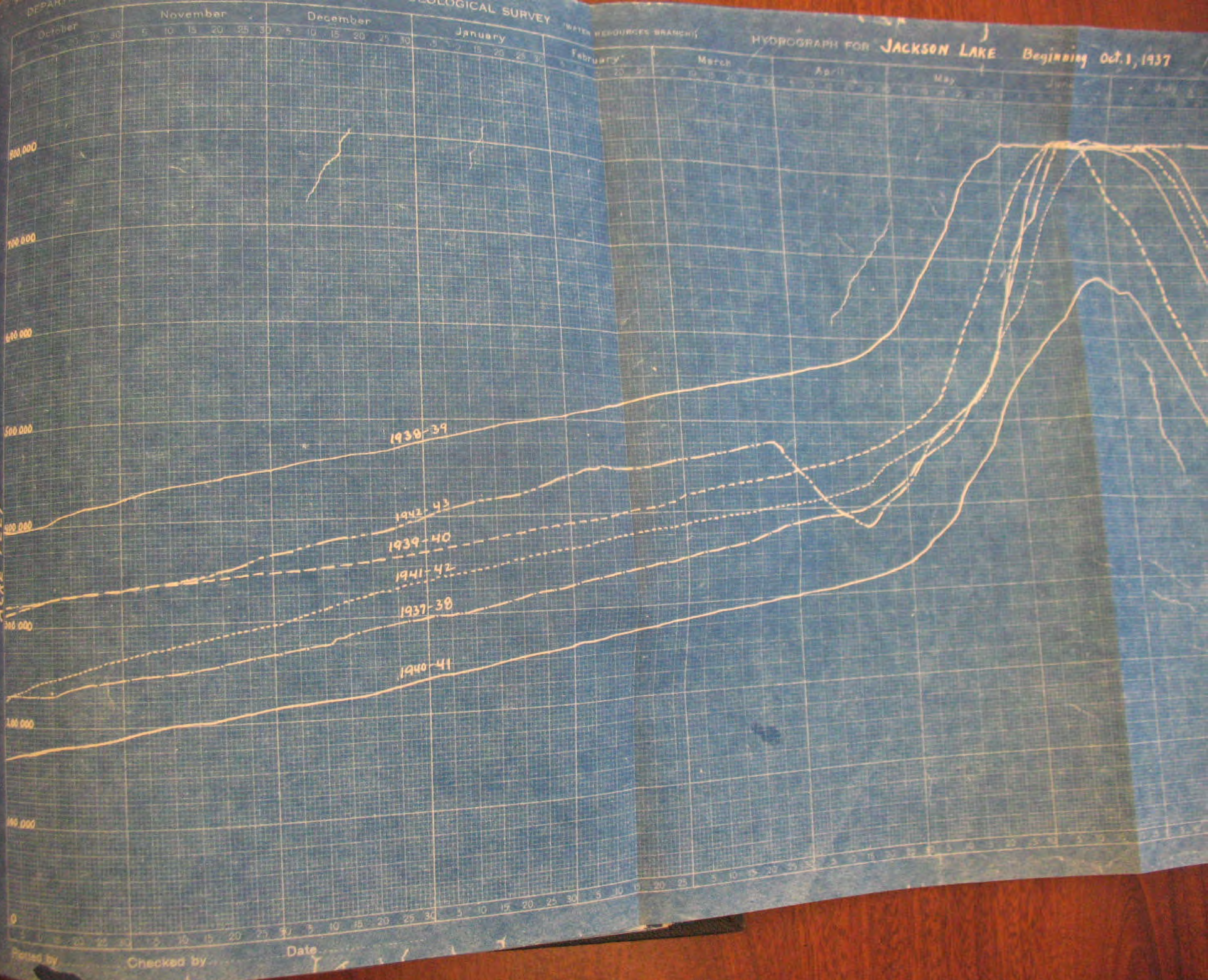
Funds on hand January 1, 1944

District 36 Water distribution fund	$10,272.19
State of Idaho stream gaging fund	224.40
U. S. Geological Survey	3,834.77
Total	$14,331.36

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



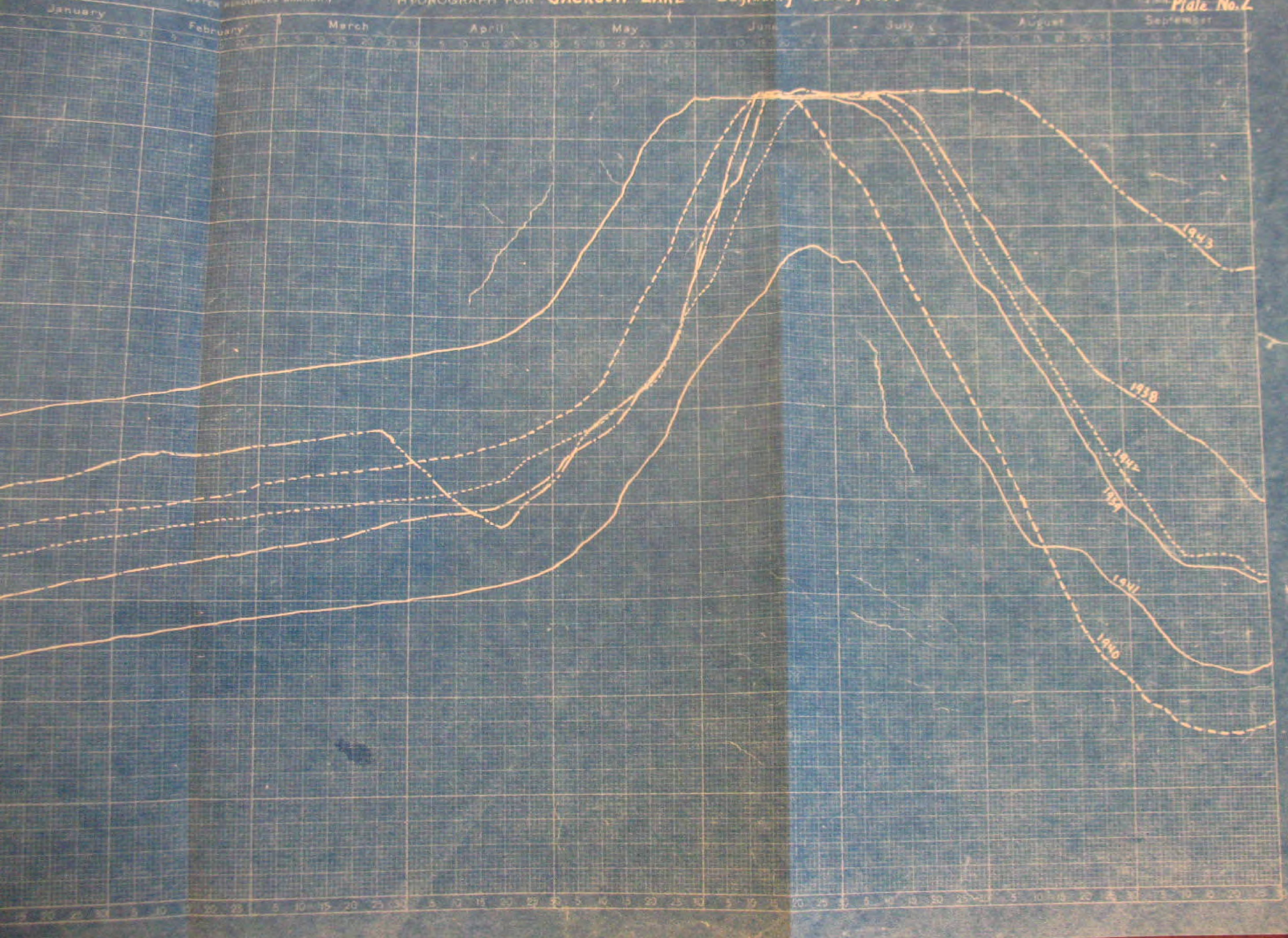
GEOLOGICAL SURVEY (WATER RESOURCES BRANCH)

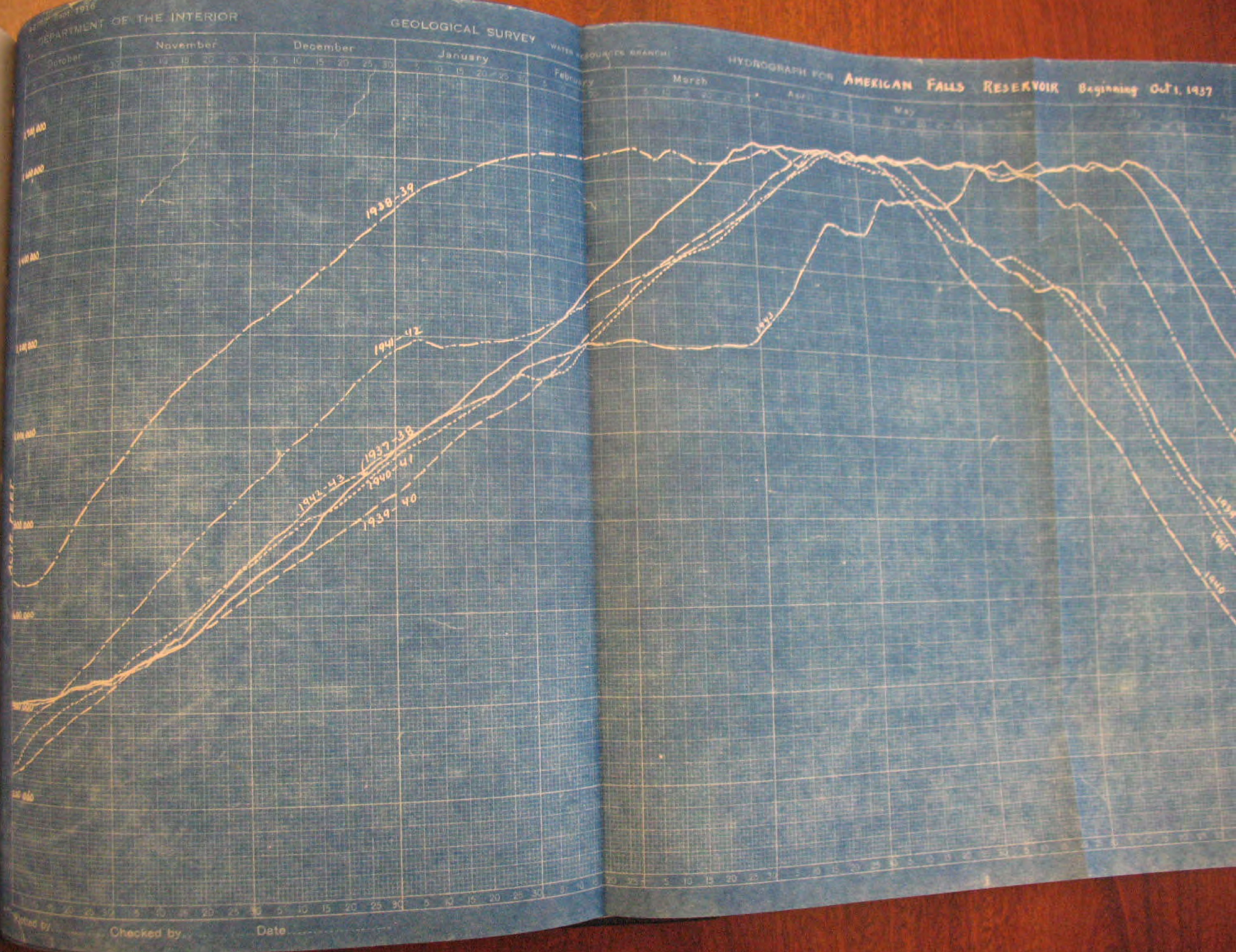
HYDROGRAPH FOR JACKSON LAKE Beginning Oct. 1, 1937

GEOLOGICAL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR JACKSON LAKE Beginning Oct. 1, 1937

Plate No. 2





DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH
HYDROGRAPH FOR AMERICAN FALLS RESERVOIR Beginning Oct 1, 1937
October
November
December
January
February
March
April
May
5
10
15
20
25
30
ACRE FEET
1,700,000
1,600,000
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
1938-39
1941-42
1937-38
1942-43
1940-41
1939-40
1942
1939
1941
1940
Plotted by
Checked by
Date

OLOGICAL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR Beginning Oct 1, 1937

Plate No. 3

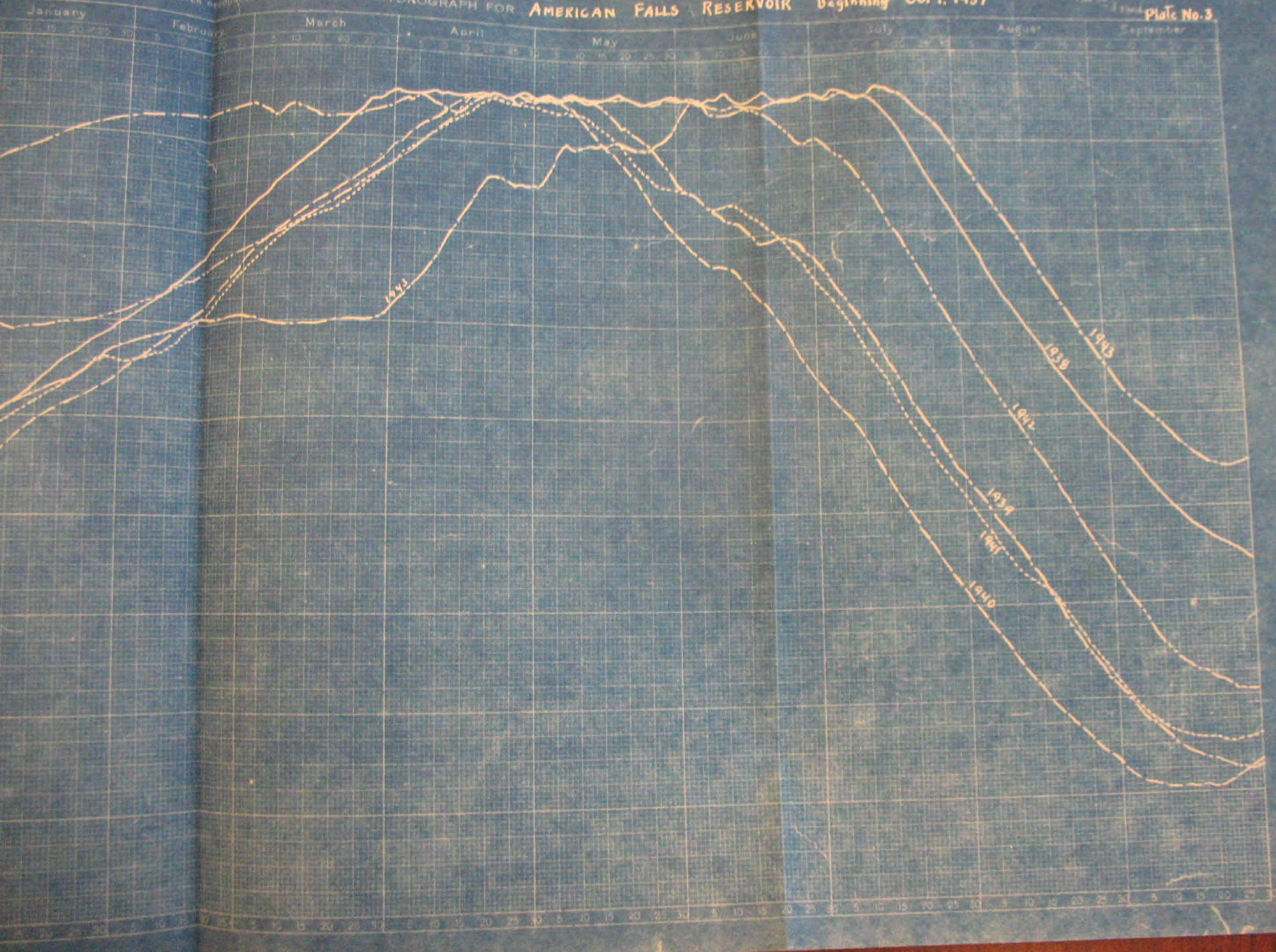
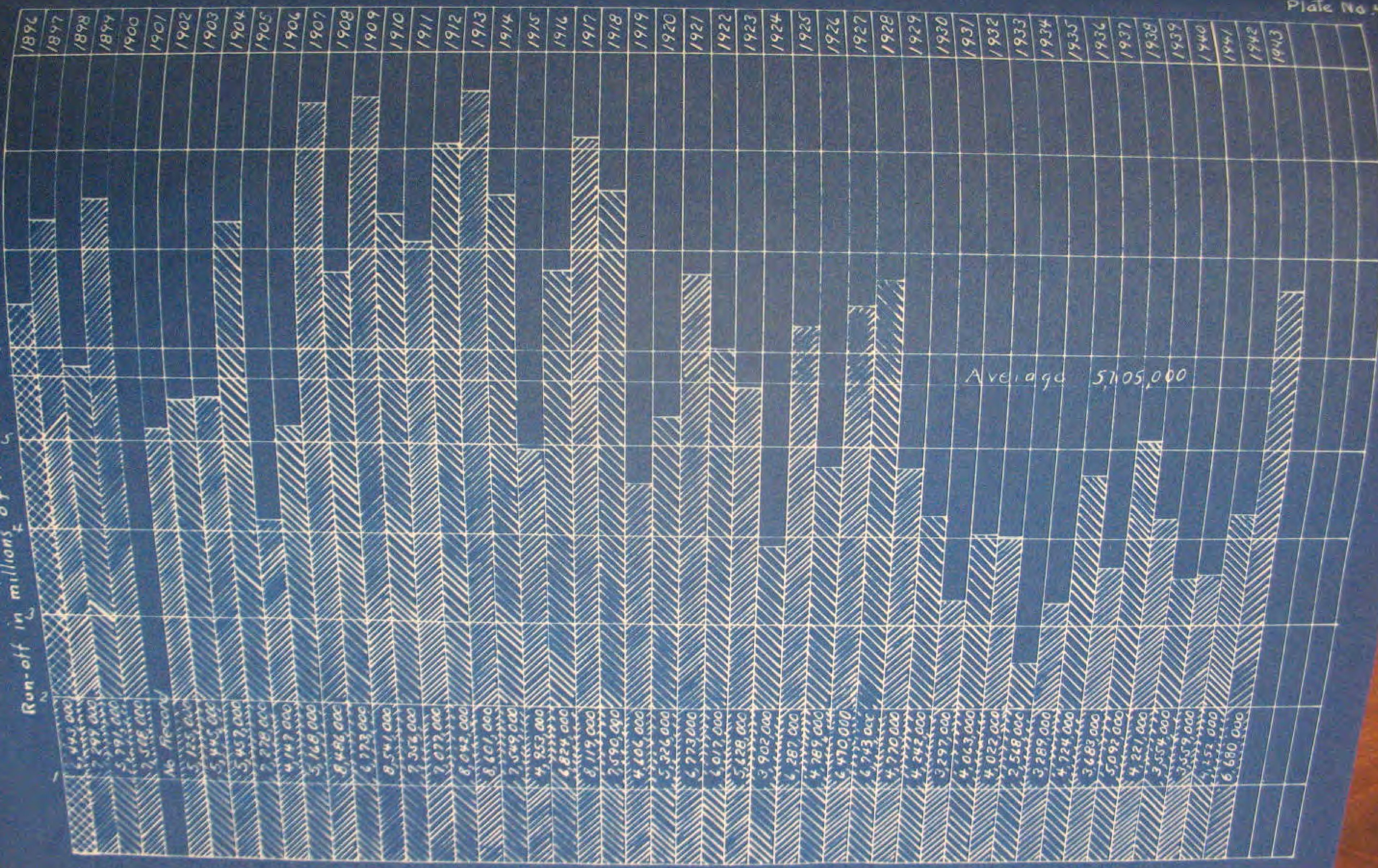


DIAGRAM SHOWING ANNUAL RUNOFF OF SNAKE RIVER AT NEELEY, IDAHO
(Montgomery Ferry prior to 1907)

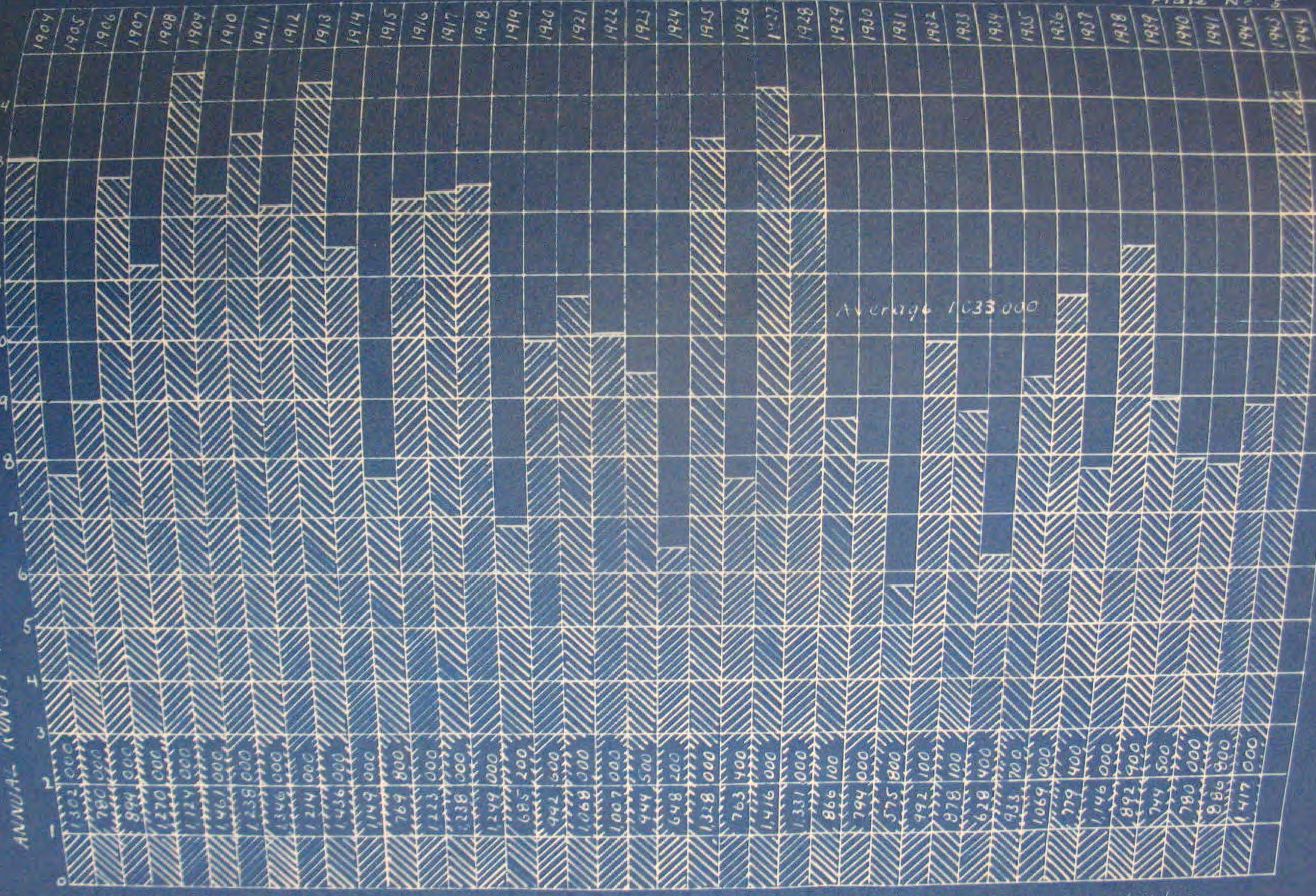
Plate No. 4



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

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

Plate No. 5



Note: Runoff totals are for water year ending Sept. 30 and are corrected for Jackson Lake holdovers

PLATE NO. 5A

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

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
RILEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDERSON	139	134	132	132	131	130	130	130	129	122	121	122	124	124	123	124	124	124	124	125	127	127	128	129	128	129	132	131	130	131	140	3965
EAGLE ROCK	557	505	464	464	419	346	331	329	346	378	354	341	301	263	164	181	176	158	157	158	158	158	164	159	154	153	153	154	153	145	151	5014
FARMERS FRIEND	264	264	258	252	252	253	253	253	255	252	252	181	181	181	180	116	116	114	114	114	113	113	112	112	112	111	111	110	110	111	112	5331
ENTERPRISE	38	39	40	41	41	41	43	44	44	45	46	46	47	48	48	49	50	49	49	48	48	48	47	46	46	46	46	46	48	48	50	1415
NELSON																																0
MATTSON & CRAIG																																0
ARNSBERGER																																0
BUTLER ISLAND	29	29	29	29	29	30	30	32	33	34	35	36	38	37	37	38	38	38	38	39	39	40	40	40	41	41	42	42	43	37	32	1115
ROSS & RAND																																0
STEELE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	82
HARRISON	163	163	165	165	167	167	189	211	231	258	284	310	347	72	72	72	72	69	66	69	69	69	105	105	105	107	108	110	110	112	112	4424
CHENEY	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	34
BOOMER	89	89	89	106	122	122	123	121	122	123	102	100	101	95	66	64	65	63	62	61	60	59	58	60	60	50	41	41	42	42	43	2441
RUDY	24	24	24	24	24	25	23	21	21	20	20	11	13	13	13	5	6	6	6	6	6	6	3	3	3	3	3	3	6	6	7	378
KITE & NORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	2	1	1	1	1	1	1	1	1	1	19
BURGESS	406	406	406	433	433	433	429	445	449	453	453	473	473	473	473	497	518	518	518	518	518	522	522	522	522	530	534	534	534	538	425	14908
CLARK & EDWARDS	61	61	61	58	55	55	55	55	56	56	57	38	38	38	40	40	41	40	40	38	38	36	36	34	34	30	27	23	23	23	10	1327
LOWDER	20	20	20	18	17	17	17	17	11	11	12	14	15	16	16	20	20	21	21	21	21	21	20	20	20	20	10	4	4	4	4	492
JENNINGS																																0
EAST LABELLE	80	80	79	79	79	78	78	79	79	53	54	55	58	59	62	71	72	72	71	71	72	73	75	76	77	77	65	54	54	54	54	2140
SUNNYDELL	21	34	34	34	34	34	34	33	33	33	33	33	32	32	32	32	32	32	40	40	40	39	39	39	39	33	33	33	33	33	33	1056
LENROOT	42	42	25	25	25	25	24	24	25	24	23	23	23	23	23	24	24	32	32	33	33	33	33	32	32	34	35	35	35	35	35	913
REID	62	62	80	80	80	80	80	80	77	77	79	79	78	77	77	76	76	67	67	66	66	65	65	65	65	57	57	56	56	55	55	2162
TEXAS FEEDER	103	104	96	96	96	96	96	79	79	79	90	90	90	90	90	90	90	90	141	143	143	143	143	143	143	85	85	86	86	86	86	3157
NELSON COREY																																0
HILL PETTINGER																																0
RIGBY	127	127	127	131	131	134	131	131	130	129	127	126	123	130	133	152	153	151	149	149	148	148	147	146	147	148	149	149	149	169	170	4361
ISLAND	75	74	66	60	60	59	57	55	53	53	53	55	55	57	57	58	58	60	61	64	52	51	51	50	50	50	40	31	31	31	30	1647
DILTS	5	5	9	12	12	12	13	13	13	11	10	10	9	10	10	10	10	10	17	17	17	17	17	17	17	17	17	20	24	24	24	429
W. LABELLE & L. ISLAND	210	210	210	208	208	208	204	204	200	200	200	200	200	200	202	206	210	208	204	202	202	202	113	112	112	110	107	104	100	98	96	5450
PARKS & LEWISVILLE	233	233	231	231	231	229	229	229	229	214	214	215	215	223	231	239	245	245	200	197	197	200	200	203	203	210	220	229	226	225	225	6851
NORTH RIGBY	28	30	30	32	32	35	33	32	28	28	30	31	31	31	31	16	16	16	15	15	16	17	26	28	30	30	29	30	30	30	30	836
WHITE	5	4	2	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	21
ELLIS																																0
BRAMWELL																																0
BUTTE & MKT. LAKE	133	133	88	43	43	43	43	43	71	72	76	83	87	89	91	70	70	71	72	58	59	60	61	64	65	66	69	70	70	55	50	2168
OSGOOD	40	40	40	40	40	40	40	40	40	40	40	40	40	30	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	881
BEAR ISLAND																																0
SMITH																																0
KENNEDY																																0
IDAHO	455	455	453	453	459	416	370	375	380	380	382	382	385	385	192	192	194	190	190	187	189	187	189	189	190	190	192	155	118	118	121	5713
GREAT WESTERN	102	100	100	100	100	100	100	102	105	105	107	105	107	112	112	112	115	77	9	9	7	7	7	7	7	7	7	7	7	7	7	1956
PORTER	75	78	79	82	83	85	86	86	89	91	106	106	104	107	107	109	111	114	118	123	125	126	126	128	128	128	126	126	128	128	128	3336
COY & KELLER																																0
WOODVILLE	29	29	29	29	28	27	27	27	27	27	27	27	26	25	24	23	23	22	22	21	20	20	17	17	17	18	18	17	16	15	14	708
SNAKE RIVER VALLEY	233	162	162	169	172	192	192	192	192	188	188	184	181	203	214	221	222	226	202	171	170	170	169	171	147	126	126	126	125	126	117	5459
TOTAL HEISE TO SHELLEY	3851	3740	3632	3630	3607	3515	3463	3485	3550	3559	3578	3520	3525	3246	2943	2931	2971	2907	2833	2781	2779	2784	2738	2742	2719	2631	2607	2551	2516	2511	2385	96,229
RESERVATION	122	146	62	10	10	2	2	93	185	179	179	164	57	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	1260
BLACKFOOT	119	119	124	125	127	128	130	130	154	154	154	154	152	150	148	148	148	148	54	54	54	54	54	54	53	52	51	51	52	51	50	3196
NEW LAVA SIDE	69	70	71	72	72	72	69	69	69	23	23	23	23	23	33	33	34	34	34	35	35	35	35	35	35	35	16	16	16	16	15	1240
PEOPLES	231	231	218	206	206	206	202	202	202	151	154	156	153	153	144	144	144	144	144	102	102	102	102	102	102	102	100	151	151	150	78	4135
ABERDEEN	411	359	313	310	310	315	315	319	319	324	324	326	315	304	297	297	297	297	280	228	228	228	299	156	156	156	156	156	186	188	188	8327
CORBETT	68	68	68	105	105	104	102	101	94	87	79	73	87	101	116	116	116	116	116	70	71	71	71	71	71	71	72	72	72	71	67	2672
NIELSEN-HANSEN																																0
RIVERSIDE	75	75	28	28	28	28	45	45	45	45	45	45	46	46	47	48	47	46	46	46	45	44	44	44	43	41	39	38	36	36	36	1550
DANSKIN	95	95	116	116	116	116	78	78	78	79	40	40	41	49	49	50	50	51	52	15	15	15	16	16	16	15	16	16	16	13	13	1571
TREGO	54	54	32	32	32	33	31	31	30	30	32	31	31	21	20	20	20	20	20	20	20	20	20	19	17	16	16	15	14	14	13	778
WEARY RICK	34	34	28	28	28	28	28	29	29	29	26	26	27	28	5	5	5	4	4	3	3	2	2	2	2	2	2	2	2	2	2	451
WATSON	65	65	65	65	66	67	60	60	58	55	52	49	53	58	63	63	64	48	48	48	48	48	48	48	47	46	45	45	45	45	44	1681
PARSONS	16	16	17	17	17	17	17	17	17	18	17	17	17	11	10	11	10	10	10	10	10	10	10	10	9	8	7	6	5	5	5	377
TOTAL SHELLEY TO CLOUGH	1359	1332	1142	1114	1117	1116	1079	1174	1280	1174	1125	1104	1002	947	935	938	938	921	781	634	634	632	704	560	554	547	523	571	597	592	512	27,638

PLATE NO. 56

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

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
RILEY																															0
ANDERSON	137	135	120	119	121	109	105	105	104	102	104	102	99	96	95	95	97	96	105	107	105	100	96	100	105	102	101	102	101	100	3165
EAGLE ROCK	128	120	126	125	123	95	78	88	105	112	113	110	112	113	110	93	80	76	76	75	75	78	81	80	81	81	81	80	79	78	2856
FARMERS FRIEND	112	112	112	113	113	114	114	116	117	117	117	117	117	89	67	67	67	67	65	63	62	58	56	54	51	48	44	42	42	41	2474
ENTERPRISE	49	51	51	52	54	56	58	60	62	63	64	65	65	38	18	19	19	20	20	20	20	20	20	20	20	20	20	19	20	20	1103
NELSON																															0
MATTSON & CRAIG																															0
ARNSBERGER																															0
BUTLER ISLAND	32	33	34	34	34	32	31	30	29	29	29	29	29	24	20	20	20	20	20	20	20	20	20	20	16	12	10	8	6	6	687
ROSS & RAND																															0
STEELE	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
HARRISON	97	85	85	87	87	87	66	49	49	49	48	46	46	45	42	42	41	39	39	39	37	3	3	3	3	3	31	30	30	28	1339
CHENEY	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
BOOMER	51	60	61	63	63	64	56	49	49	49	50	52	54	37	22	23	24	26	23	21	18	16	14	12	14	16	18	20	22	19	1066
RUDY	8	9	11	12	11	11	12	10	9	9	9	9	9	7	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	210
KITE & NORD	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
BURGESS	320	320	323	323	320	313	313	309	305	302	302	302	302	247	194	194	194	197	188	179	173	164	156	150	150	150	153	153	153	153	7002
CLARK & EDWARDS	65	65	65	65	65	65	60	54	54	54	54	54	54	34	20	20	20	20	21	22	23	23	25	26	25	25	25	24	24	28	1179
LOWDER	5	5	5	5	5	5	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	71
JENNINGS																															0
EAST LABELLE	54	43	35	35	35	35	31	27	27	27	28	28	29	29	30	31	31	32	28	24	21	18	14	11	11	11	11	11	11	11	769
SUNNYDELL	31	30	30	30	30	30	37	37	37	37	37	37	37	37	37	26	26	26	26	26	26	26	26	26	0	0	0	0	0	0	748
LENROOT	48	48	49	49	49	49	41	42	42	42	42	42	42	42	42	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	777
REID	52	51	50	50	49	48	22	21	21	21	21	21	21	21	21	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	835
TEXAS FEEDER	94	94	94	94	96	96	88	88	88	88	88	88	88	88	88	86	86	86	86	86	86	86	86	86	81	81	81	81	81	81	2620
NELSON COREY																															0
HILL PETTINGER																															0
RIGBY	171	173	176	177	177	177	136	96	96	96	90	83	77	76	75	72	71	70	71	71	72	73	73	73	72	71	70	70	70	70	2945
ISLAND	30	45	61	61	60	60	59	59	58	58	58	58	58	42	42	28	28	29	29	30	30	32	33	33	32	33	32	32	32	33	1275
DILTS	24	19	15	15	14	14	13	13	13	12	12	12	11	10	10	9	9	8	8	8	8	8	7	7	7	7	7	7	7	6	320
W. LABELLE & L. ISLAND	95	90	86	85	80	78	74	73	70	69	69	62	53	50	50	43	40	36	34	31	29	27	26	24	23	22	22	21	21	20	1503
PARKS & LEWISVILLE	226	172	122	123	120	118	116	114	111	108	107	102	99	99	99	99	101	101	101	101	102	101	101	101	102	102	101	101	102	94	3346
NORTH RIGBY	30	29	29	30	30	29	29	28	28	28	28	28	27	26	26	26	26	26	26	26	26	26	26	26	27	27	29	29	30	28	829
WHITE																															0
ELLIS																															0
BRAMWELL																															0
BUTTE & MKT. LAKE	50	46	46	47	47	47	48	28	6	7	7	7	6	5	5	4	3	2	3	4	4	5	5	5	5	5	5	5	5	5	467
OSGOOD	19	18	18	16	16	15	15	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	13	13	13	13	418
BEAR ISLAND																															0
SMITH																															0
KENNEDY																															0
IDAHO	121	149	179	181	181	183	183	185	185	187	187	187	183	179	176	171	168	164	160	156	153	149	147	144	144	144	144	144	144	144	4921
GREAT WESTERN	5	5	5	5	5	5	5	5	5	53	115	115	110	110	110	110	107	105	107	112	120	120	120	117	120	120	120	120	120	122	2398
PORTER	130	130	130	132	132	132	132	132	132	132	101	80	60	61	62	62	63	65	63	62	61	60	58	58	58	58	58	58	58	58	2578
COY & KELLER																															0
WOODVILLE	13	12	11	11	10	10	11	12	13	14	14	14	14	14	15	15	15	14	14	14	14	13	13	13	12	12	13	13	13	13	389
SNAKE RIVER VALLEY	112	104	98	97	96	95	96	96	95	95	93	91	91	92	94	92	92	92	91	78	66	65	60	56	57	56	57	55	55	54	2471
TOTAL HEISE TO SHELLEY	2313	2263	2231	2240	2227	2176	2034	1943	1927	1976	2002	1956	1908	1727	1589	1498	1479	1468	1455	1426	1402	1342	1317	1296	1264	1254	1281	1273	1274	1260	50,801
RESERVATION	1	2	2	3	3	3	3	3	3	3	3	2	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	45
BLACKFOOT	47	45	43	41	39	36	37	38	38	38	38	38	38	38	38	37	37	37	36	35	35	34	33	32	30	26	21	18	15	11	1029
NEW LAVA SIDE	13	12	11	11	9	8	8	8	8	8	8	8	8	0	0	0	0	0	0	0	0	10	10	10	10	11	12	12	13	13	221
PEOPLES	31	28	26	26	26	25	29	40	51	58	52	46	41	35	32	29	24	23	22	22	21	20	20	19	18	19	19	20	21	21	864
ABERDEEN	189	189	189	189	189	189	189	189	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1644
CORBETT	64	59	56	51	50	50	50	50	50	50	50	50	50	51	50	51	51	51	51	51	51	51	51	51	51	52	54	55	56	58	1566
NIELSEN-HANSEN																															0
RIVERSIDE	36	35	34	33	33	33	34	33	33	32	33	33	33	34	34	35	35	35	35	35	35	36	36	36	37	35	32	30	29	27	1011
DANSKIN	13	13	13	13	13	14	15	15	15	15	15	15	15	14	14	14	13	13	12	12	11	11	11	10	10	10	10	10	10	11	380
TREGO	12	12	11	10	9	8	8	8	8	7	7	7	6	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	187
WEARY RICK	2	2	24	24	25	26	26	26	26	23	23	22	20	19	18	16	15	15	15	15	14	14	14	14	14	14	14	14	14	14	522
WATSON	43	43	42	42	41	40	42	43	46	46	46	46	47	47	48	48	49	48	48	48	47	46	46	45	45	45	45	46	46	47	1361
PARSONS	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	97
TOTAL SHELLEY TO CLOUGH	495	444	455	447	441	436	445	456	413	283	278	270	263	248	243	238	232	230	226	225	222	230	229	225	223	220	215	213	212	210	8927

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

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
RILEY																																0
ANDERSON	96	94	94	94	94	94	94	94	95	95	95	95	95	95	95	95	95	95	95	95	95	96	96	96	96	96	96	96	96	98	90	2944
EAGLE ROCK	77	74	75	70	60	70	80	90	80	70	55	45	40	37	37	50	60	70	55	65	70	60	50	40	60	80	70	60	61	50	30	1891
FARMERS FRIEND	41	41	41	41	41	40	40	40	40	40	39	39	39	39	39	39	39	39	40	40	40	40	41	41	41	42	42	42	42	42	41	1251
ENTERPRISE	20	20	20	19	19	19	18	18	18	17	17	17	16	16	16	16	16	16	16	15	15	15	15	15	14	14	14	14	14	14	14	507
NELSON																																0
MATTSON & CRAIG																																0
ARNSBERGER																																0
BUTLER ISLAND	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	163
ROSS & RAND																																0
STEELE																																0
HARRISON	27	27	26	24	23	22	20	19	18	16	14	12	10	8	6	6	6	7	7	8	8	8	9	9	10	10	11	11	11	11	11	415
CHENEY																																0
BOOMER	16	13	13	13	12	12	12	11	11	11	10	10	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	306
RUDY	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	81
KITE & NORD																																0
BURGESS	153	153	153	153	152	152	151	151	150	130	110	110	109	109	108	108	108	108	108	109	109	109	110	110	110	111	111	111	111	111	111	3799
CLARK & EDWARDS	26	26	26	24	22	20	18	16	14	12	10	8	6	4	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	258
LOWDER	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	40
JENNINGS																																0
EAST LABELLE	9	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	64
SUNNYDELL																																0
LENROOT	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	154
REID	23	23	23	23	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
TEXAS FEEDER	81	81	81	81	6	6	6	6	6	6	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	717
NELSON COREY																																0
HILL PETTINGER																																0
RIGBY	70	72	72	72	72	71	71	70	70	55	43	43	42	42	41	41	40	40	39	38	38	37	37	36	36	35	34	34	33	32	32	1488
ISLAND	29	29	29	29	29	29	29	29	29	29	28	28	28	28	28	28	28	27	27	26	26	25	25	24	24	24	23	23	22	22	22	826
DILTS	6	6	6	6	6	5	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	2	1	1	1	1	1	113
W. LABELLE & L. ISLAND	18	18	18	18	18	17	17	16	16	15	15	14	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	432
PARKS & LEWISVILLE	87	79	71	71	70	70	70	40	8	8	8	8	7	7	7	7	7	7	8	8	8	9	9	10	10	11	11	12	12	12	11	763
NORTH RIGBY	26	25	24	24	24	24	24	23	23	23	23	22	22	22	22	22	22	22	22	22	22	22	12	3	3	3	3	3	3	3	3	541
WHITE																																0
ELLIS																																0
BRAMWELL																																0
BUTTE & MKT. LAKE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	50
OSGOOD																																0
BEAR ISLAND																																0
SMITH																																0
KENNEDY																																0
IDAHO	142	142	143	145	146	148	149	151	153	155	157	159	161	163	164	164	165	166	167	168	168	169	170	170	171	172	173	174	174	175	174	4998
GREAT WESTERN	99	99	96	93	93	93	94	94	94	95	95	95	96	96	95	95	95	94	94	93	93	93	92	92	92	91	91	91	91	97	100	2921
PORTER	58	58	65	70	69	68	67	66	65	64	63	40	59	59	59	59	58	58	58	57	57	56	56	56	55	55	54	54	54	54	54	1825
COY & KELLER																																0
WOODVILLE	13	13	13	13	12	12	11	11	11	10	10	10	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	300
SNAKE RIVER VALLEY	54	57	61	61	61	60	60	60	59	59	59	58	58	58	58	57	56	55	54	53	52	50	49	48	47	46	45	43	41	41	41	1661
TOTAL HEISE TO SHELLEY	1191	1174	1171	1165	1051	1054	1058	1032	986	934	891	853	860	854	849	856	864	873	859	865	869	855	835	813	832	853	840	830	826	823	795	28,611
RESERVATION	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
BLACKFOOT	8	6	6	5	5	4	4	3	3	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	58
NEW LAVA SIDE	15	15	16	16	15	15	14	14	13	13	12	12	11	11	11	10	10	9	9	8	8	7	7	6	5	4	3	2	2	2	2	297
PEOPLES	20	18	17	19	20	21	22	24	25	26	28	30	32	35	35	35	35	35	35	34	34	34	34	34	33	33	33	33	33	33	33	913
ABERDEEN																																0
CORBETT	59	61	61	61	61	61	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	2	2	2	2	2	2	2	2	2	1343
NIELSEN-HANSEN																																0
RIVERSIDE	26	15	7	7	7	7	7	7	6	6	6	6	6	6	6	6	5	5	5	5	4	4	4	4	4	3	3	3	3	3	3	189
DANSKIN	11	5	2	3	4	5	6	7	8	9	10	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	309
TREGO	3	3	3	3	3	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	24
WEARY RICK	14	14	13	12	11	10	9	8	7	6	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	152
WATSON	46	46	43	40	36	33	30	26	23	20	17	14	13	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	542
PARSONS	3	3	3	3	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
TOTAL SHELLEY TO CLOUGH	206	187	172	170	165	161	158	153	148	144	142	140	138	135	135	134	133	132	132	130	129	128	70	69	67	65	64	63	63	63	63	3859

DAILY DISCHARGE IN SEC.-FT. OF SNAKE RIVER CANALS FOR JANUARY 1943

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
ANDERSON	80	50	50	45	45	43	41	42	40	40	45	50	50	50	50	40	40	60	40	6	6	6	7	8	8	8	8	8	8	7	7	988
EAGLE ROCK	20	20	20	42	42	42	41	39	30	25	32	35	38	40	43	41	38	30	30	10	11	12	24	28	33	34	35	36	37	37	37	982
FARMERS FRIEND	41	40	39	38	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	18	18	18	18	18	18	854
ENTERPRISE	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255
NELSON																																0
MATTSON & CRAIG																																0
ARNSBERGER																																0
BUTLER ISLAND	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	71
ROSS & RAND																																0
STEELE																																0
HARRISON	11	10	10	10	10	10	10	10	10	11	11	11	11	11	11	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	12	359
CHENEY																																0
BOOMER	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	232
RUDY	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	76
KITE & NORD																																0
BURGESS	111	104	100	96	89	88	87	88	89	90	91	92	93	94	95	96	97	98	100	101	102	104	105	106	108	108	108	108	109	109	109	3075
CLARK & EDWARDS	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	61
LOWDER	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	1
JENNINGS																																0
EAST LABELLE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	44
SUNNYDELL																																0
LENROOT	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
REID	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
TEXAS FEEDER	17	17	17	17	17	17	17	17	17	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	703
NELSON COREY																																0
HILL PETTINGER																																0
RIGBY	32	32	32	30	27	27	27	26	25	24	23	22	21	20	19	19	18	18	17	17	16	16	15	15	14	14	13	13	12	12	11	627
ISLAND	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	4	4	110
DILTS	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	1
W. LABELLE & L. ISLAND	11	11	11	11	11	10	10	10	10	10	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	350
PARKS & LEWISVILLE	10	9	8	6	4	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	90
NORTH RIGBY	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50
WHITE																																0
ELLIS																																0
BRAMWELL																																0
BUTTE & MKT. LAKE																																0
OSGOOD																																0
BEAR ISLAND																																0
SMITH																																0
KENNEDY																																0
IDAHO	173	172	171	107	64	158	158	158	157	156	155	154	153	152	151	150	150	70	60	8	8	10	20	30	35	37	37	38	39	40	40	3011
GREAT WESTERN	108	108	108	95	82	82	82	82	82	82	82	82	82	82	82	82	80	78	76	72	72	71	68	68	75	78	78	78	78	78	78	2531
PORTER	55	56	56	55	55	55	55	55	55	55	55	55	55	55	55	55	49	43	38	33	33	34	34	35	35	36	36	37	37	36	36	1434
COY & KELLER																																0
WOODVILLE	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	6	4	4	4	4	4	5	5	5	5	5	5	4	202
SNAKE RIVER VALLEY	50	65	64	63	62	61	60	60	60	60	60	60	60	60	60	60	60	57	54	54	54	29	4	4	4	4	4	4	4	4	4	1309
TOTAL HEISE TO SHELLEY	778	743	734	662	593	679	671	669	656	658	670	672	673	673	674	661	649	558	519	402	403	382	376	392	410	417	417	420	422	420	417	17,470
RESERVATION																																
BLACKFOOT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	45
NEW LAVA SIDE	1	1	1	2	2	2	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	70
PEOPLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
ABERDEEN	33	33	33	33	33	33	33	33	33	33	32	32	32	31	31	30	30	30	20	10	9	8	7	6	4	2	1	1	1	1	1	649
CORBETT																																0
NIELSEN-HANSEN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	80
RIVERSIDE																																0
DANSKIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	78
TREGO	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	372
WEARY RICK																																0
WATSON	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	33
PARSONS	9	9	9	9	9	9	9	9	9	8	8	8	8	7	7	7	7	7	7	6	6	6	6	5	5	5	5	5	5	5	4	218
TOTAL SHELLEY TO CLOUGH	63	63	62	63	63	63	64	64	64	63	62	62	62	60	60	60	59	60	50	39	38	37	36	34	32	30	29	29	29	30	29	1,559

DAILY DISCHARGE IN SEC-FT. OF SNAKE RIVER CANALS FOR FEBRUARY 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	TOTAL
RILEY	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	170
ANDERSON	33	73	71	72	71	70	71	70	70	70	70	70	60	50	40	40	39	39	38	38	37	26	18	18	18	18	18	18	1326
EAGLE ROCK	20	40	40	14	14	14	14	14	12	12	11	10	9	8	7	6	5	4	3	2	2	2	2	2	2	2	2	2	276
FARMERS FRIEND	20	40	40	40	40	29	29	29	28	27	26	25	24	23	22	21	20	19	18	17	15	15	15	15	15	15	15	15	643
ENTERPRISE																													0
NELSON																													0
MATTSON & CRAIG																													0
ARNSBERGER	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	80
BUTLER ISLAND																													0
ROSS & RAND																													0
STEELE																													0
HARRISON	12	12	12	12	12	11	11	11	11	11	11	10	10	10	9	9	9	9	8	8	8	8	8	8	8	8	9	9	274
CHENEY																													0
BOOMER	8	8	8	8	8	8	8	8	8	8	8	7	7	7	6	6	6	6	5	5	5	4	4	4	4	4	4	4	176
RUDY	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	84
KITE & NORD																													0
BURGESS	110	110	110	111	111	112	112	113	113	114	113	112	111	110	109	108	106	104	103	102	100	98	98	98	98	98	98	98	2980
CLARK & EDWARDS	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29
LOWDER																													0
JENNINGS																													0
EAST LABELLE	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	28
SUNNYDELL																													0
LENROOT																													0
REID																													0
TEXAS FEEDER	25	25	25	25	25	25	25	25	25	25	24	24	24	24	24	24	24	24	24	24	24	24	24	25	25	25	25	25	687
NELSON COREY																													0
HILL PETTINGER																													0
RIGBY	11	10	10	9	8	7	6	5	4	4	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7	7	8	8	187
ISLAND	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	88
DILTS																													0
W. LABELLE & L. ISLAND	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	339
PARKS & LEWISVILLE	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29
NORTH RIGBY	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	28
WHITE																													0
ELLIS																													0
BRAMWELL																													0
BUTTE & MKT. LAKE																													0
OSGOOD																													0
BEAR ISLAND																													0
SMITH																													0
KENNEDY																													0
IDAHO	80	80	80	80	80	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	50	25	25	25	25	25	25	1864
GREAT WESTERN	77	77	77	76	76	76	74	74	73	73	72	72	71	71	70	70	65	47	46	46	46	45	45	46	45	44	43	42	1738
PORTER	35	35	34	34	33	33	32	32	31	31	30	30	29	28	27	26	25	25	24	24	23	22	21	20	20	19	18	18	759
COY & KELLER																													0
WOODVILLE	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	80
SNAKE RIVER VALLEY	5	5	5	5	5	5	6	6	6	6	6	7	8	9	10	11	12	13	14	15	16	17	17	18	18	18	18	19	300
TOTAL HEISE TO SHELLEY	475	552	548	522	518	503	501	500	495	494	488	484	467	457	441	439	429	408	401	400	396	350	316	317	317	315	315	315	12165
RESERVATION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	74
BLACKFOOT	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	30
NEW LAVA SIDE	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	2
PEOPLES	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	5	5	6	6	7	8	9	9	9	9	115
ABERDEEN																													0
CORBETT	4	4	4	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	157
NIELSEN-HANSEN																													0
RIVERSIDE	2	2	2	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	70
DANSKIN	12	12	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	11	11	11	11	11	11	11	11	11	11	338
TREGO																													0
WEARYRICK	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	28
WATSON	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	91
PARSONS																													0
TOTAL SHELLEY TO CLOUGH	29	28	28	31	30	30	30	29	30	29	29	29	30	30	29	32	32	32	32	34	35	36	37	38	39	39	39	39	905

DAILY DISCHARGE IN SEC.-FT. OF SNAKE RIVER CANALS FOR MARCH 1940

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	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANDERSON	26	32	35	38	44	47	46	46	45	45	45	45	23	23	14	14	16	13	18	20	21	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAGLE ROCK	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FARMERS FRIEND	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	7	7	7	7	7	7	7	7	8	[illegible]	[illegible]	[illegible]	[illegible]
ENTERPRISE																																0
NELSON																																0
MATTSON & CRAIG																																0
ARNSBERGER																																0
BUTLER 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	4	4	4	4	4	98
ROSS & RAND																																0
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16
HARRISON	9	9	10	10	10	10	11	11	11	10	10	10	9	9	9	8	8	8	7	7	7	7	7	7	7	7	7	7	30	54	54	380
CHENEY																																0
BOOMER	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	15	15	146
RUDY	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	83
KITE & NORD																																0
BURGESS	98	98	98	98	98	98	98	98	98	98	98	99	99	99	99	99	99	100	100	100	100	100	100	100	103	105	179	257	257	257	260	3790
CLARK & EDWARDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	45
LOWDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16
JENNINGS																																0
EAST LABELLE	0	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	5	6	7	8	9	40
SUNNYDELL																																0
LENROOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	3	3	3	4	4	4	4	37
REID	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	8	10	12	14	16	18	20	21	21	22	22	22	218
TEXAS FEEDER	25	25	24	23	22	21	20	19	18	17	16	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	13	13	13	14	516
NELSON COREY																																0
HILL PETTINGER																																0
RIGBY	9	9	9	10	10	11	11	11	12	12	12	11	11	11	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	306
ISLAND	4	4	4	4	4	5	5	5	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	22	39	39	39	39	262
DILTS	0	0	0	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	12
W. LABELLE & L. ISLAND	11	12	12	12	12	12	12	12	12	12	11	11	11	10	10	10	10	10	9	9	9	9	9	9	37	65	65	65	65	65	65	683
PARKS & LEWISVILLE	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	15	28	28	28	43	60	251
NORTH RIGBY	1	1	7	7	7	7	7	7	7	7	6	6	6	6	6	5	5	5	4	4	4	3	3	3	3	3	3	3	6	9	9	160
WHITE																																0
ELLIS																																0
BRAMWELL																																0
BUTTE & MKT. 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	10	10	10	10	10	10	10	70
OSGOOD																																0
BEAR ISLAND																																0
SMITH																																0
KENNEDY																																0
IDAHO	25	34	42	42	42	42	42	42	43	44	45	46	47	48	49	50	52	54	56	58	60	62	64	65	30	0	0	0	0	0	0	1184
GREAT WESTERN	41	40	40	39	39	38	38	38	37	36	36	36	36	36	36	35	35	35	35	35	34	34	34	34	34	34	34	37	39	39	39	1133
PORTER	17	17	16	16	16	15	15	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	426
COY & KELLER																																0
WOODVILLE	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	6	6	7	7	7	8	8	9	9	10	10	10	10	10	10	195
SNAKE RIVER VALLEY	20	20	20	21	21	21	22	22	22	23	24	24	25	25	26	26	27	27	28	28	29	30	31	32	33	35	36	38	39	40	39	854
TOTAL HEISE TO SHELLEY	322	340	356	359	364	366	366	364	362	360	359	358	339	339	324	331	335	340	345	344	349	358	363	368	372	346	506	613	645	649	721	12368
RESERVATION	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	97
BLACKFOOT	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	20	43	43	43	43	44	44	44	45	433
NEW LAVA SIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	15	15	15	15	15	15	15	115
PEOPLES	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	1	284
ABERDEEN																																0
CORBETT	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	3	152
NIELSEN-HANSEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16
RIVERSIDE	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
DANSKIN	11	11	12	12	12	12	12	12	13	13	13	12	12	12	12	11	11	11	11	10	10	10	10	9	9	9	9	9	9	9	8	336
TREGO																																0
WEARYRICK	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	1
WATSON	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	154
PARSONS																																0
TOTAL SHELLEY TO CLOUGH	39	38	42	42	42	42	42	42	43	43	43	42	41	41	41	39	39	39	39	37	36	36	53	85	90	90	90	91	90	90	83	1650

DAILY DISCHARGE IN SEC.-FT. OF SNAKE RIVER CANALS FOR APRIL 1943

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
ANDERSON	3	3	4	4	5	6	5	4	7	7	7	5	4	4	6	8	8	11	11	12	10	10	10	6	10	14	12	10	10	10	226
EAGLE ROCK	16	18	20	22	24	20	26	12	18	16	16	16	23	18	19	20	20	16	16	17	2	3	4	5	4	3	3	3	3	3	406
FARMERS FRIEND	8	8	8	8	30	60	60	60	54	58	56	56	54	44	46	40	35	32	28	25	21	25	24	34	33	33	37	42	46	51	1131
ENTERPRISE	8	4	10	10	11	12	12	13	13	13	13	2	2	2	2	2	2	26	26	26	26	26	27	28	28	29	34	39	45	53	549
NELSON																															0
MATTSON & CRAIG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	21
ARNSBERGER	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	2	2	2	2	2	27
BUTLER ISLAND	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	6	8	11	15	144
ROSS & RAND																															0
STEELE	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	41
HARRISON	53	53	53	53	52	52	52	52	54	54	55	57	59	58	57	57	69	84	82	82	82	82	82	177	152	132	132	133	135	135	2430
CHENEY	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	2	2	19
BOOMER	23	23	23	23	23	23	23	23	20	17	14	12	10	10	10	9	9	9	12	16	16	14	13	12	12	11	11	11	11	11	454
RUDY	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	8	10	9	8	8	8	8	8	157
KITE & NORD	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	8
BURGESS	260	266	266	267	271	271	274	274	274	274	274	274	274	274	277	284	288	291	248	305	313	309	305	305	277	249	28	28	375	375	8100
CLARK & EDWARDS	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	60
LOWDER	4	4	4	4	5	5	5	5	7	9	11	14	16	16	16	12	6	6	7	7	7	7	6	6	6	6	6	6	5	5	223
JENNINGS	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	11
EAST LABELLE	10	11	13	14	16	18	20	22	22	22	23	23	24	24	24	24	24	24	24	24	24	24	23	23	23	23	22	25	28	32	653
SUNNYDELL																															0
LENROOT	4	4	4	4	3	3	3	3	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
REID	22	23	24	25	26	27	28	29	30	31	32	33	35	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	479
TEXAS FEEDER	14	14	14	14	14	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	465
NELSON COREY	0	1	1	2	2	2	2	2	2	2	2	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	107
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	1	1	1	1	1	1	1	7
RIGBY	30	48	48	48	48	25	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	1	1	1	0	0	0	1	1	275
ISLAND	39	39	38	37	21	3	3	3	3	3	16	30	30	30	30	30	30	30	30	30	30	30	21	13	13	5	5	4	3	2	601
DILTS	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	3	3	1	1	1	1	1	10	10	10	0	0	0	0	0	92
W.LABELLE & L.ISLAND	64	64	63	64	64	8	8	8	8	7	7	6	6	6	6	6	6	6	1	1	1	1	1	1	1	2	2	2	1	1	422
PARKS & LEWISVILLE	60	60	60	61	62	63	64	65	65	65	64	64	64	64	64	64	64	64	32	0	0	0	0	0	0	1	1	1	1	1	1174
NORTH RIGBY	9	9	9	9	10	11	11	11	11	11	11	10	10	10	10	12	14	15	16	18	19	19	10	0	0	0	0	0	0	0	275
WHITE	0	0	0	0	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	3	3	5	8	117
ELLIS																															0
BRAMWELL																															0
BUTTE & MKT. LAKE	10	15	20	47	74	74	74	74	74	61	49	49	49	49	49	25	4	4	4	4	4	4	3	2	2	1	1	1	1	1	829
OSGOOD																															0
BEAR ISLAND																															0
SMITH																															0
KENNEDY	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	60
IDAHO																															0
GREAT WESTERN	37	34	34	34	32	32	33	30	26	28	30	37	39	37	37	39	41	43	41	41	45	56	68	68	70	70	63	58	58	68	1329
PORTER	14	14	14	14	14	12	10	8	9	9	10	10	10	10	11	11	14	23	27	30	35	35	36	37	37	38	37	44	51	60	684
COY & KELLER																															0
WOODVILLE	10	10	10	10	10	10	10	8	2	2	2	2	1	1	1	1	1	1	10	10	10	10	10	10	10	10	12	15	14	12	225
SNAKE RIVER VALLEY	38	36	37	37	37	35	34	34	34	34	32	33	32	32	32	29	28	26	24	21	20	16	42	64	79	95	95	107	111	123	1397
TOTAL HEISE TO SHELLEY	753	783	794	829	877	811	794	782	783	767	768	780	788	774	782	721	704	753	732	711	708	716	746	850	816	768	548	580	976	1028	23237
RESERVATION	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	42
BLACKFOOT	45	46	46	46	47	47	34	21	21	20	18	17	15	14	14	13	13	13	30	48	48	47	47	80	118	117	105	93	98	104	1425
NEW LAVA SIDE	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
PEOPLES	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	66	133	118	103	433
ABERDEEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	258	369	416	465	1578
CORBETT	3	3	2	2	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	60	82	62	230
NIELSEN-HANSEN	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	0	0	0	0	0	24
RIVERSIDE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0	0	1	1	1	46
DANSKIN	8	8	8	8	8	8	6	5	4	4	3	3	0	0	0	0	0	0	0	0	0	0	0	2	2	2	21	57	90	125	372
TREGO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	4	7	11	16	43
WEARYRICK	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	26
WATSON	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	12	20	20	20	21	22	24	26	25	25	25	24	372
PARSONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	22	21	135
TOTAL SHELLEY TO CLOUGH	86	82	71	71	72	72	57	40	39	37	34	33	27	25	25	24	24	24	47	73	73	72	73	109	167	238	502	769	864	922	4751

DAILY DISCHARGE IN SEC-FT OF SNAKE RIVER CANALS FOR MAY 1943

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	[illegible]	13	13	13	13	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANDERSON	70	70	75	80	80	80	78	76	80	82	[illegible]	[illegible]	124	150	161	161	161	203	[illegible]	[illegible]	[illegible]	222	284	244	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAGLE ROCK	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	150	150	151	156	138	150	153	232	218	171	[illegible]
FARMERS FRIEND	59	100	100	99	99	98	106	114	115	115	120	125	130	132	146	150	160	170	180	184	138	240	250	264	270	300	320	364	264	250	225	[illegible]
ENTERPRISE	40	40	40	40	43	43	43	43	75	110	107	104	100	93	86	86	86	87	87	88	90	100	110	110	120	120	130	130	130	130	130	[illegible]
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	1	1	1	1	28
MATTSON & CRAIG	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	5	8	9	9	9	9	9	9	9	9	9	103
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	11	11	11	11	11	11	11	11	1	1	1	1	1	1	1	28	28	30	33	36	37	36	35	35	35	35	35	35	35	35	35	638
ROSS & RAND	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	1	1	1	1	1	35
STEELE	0	0	0	0	5	5	5	5	5	5	5	5	9	9	9	9	9	0	0	0	0	0	0	12	12	12	12	12	12	0	0	157
HARRISON	0	0	0	180	181	222	210	210	207	210	210	220	260	293	280	269	269	269	269	269	269	2	2	2	2	2	2	2	255	468	440	5474
CHENEY	0	0	0	0	0	2	2	2	2	2	2	3	4	5	5	5	5	5	5	5	5	6	6	6	7	7	7	8	8	8	8	130
BOOMER	10	10	10	10	10	10	10	10	10	10	10	10	10	57	141	141	139	122	112	138	126	131	128	117	104	104	131	124	152	152	154	2403
RUDY	12	12	12	12	12	12	12	12	12	12	12	12	12	30	35	35	34	34	34	26	34	30	29	26	27	24	41	29	36	37	41	738
KITE & NORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	66
BURGESS	274	274	274	281	353	267	383	383	341	461	493	559	563	601	601	631	449	674	695	721	664	668	668	690	746	759	728	834	829	816	690	17420
CLARK & EDWARDS	3	3	3	3	3	3	3	3	3	3	70	70	76	72	72	0	0	0	73	67	72	64	61	61	72	72	72	75	72	61	61	1273
LOWDER	0	0	0	9	9	9	9	9	10	10	11	11	11	11	11	11	11	11	11	11	20	28	28	28	28	28	28	28	28	28	28	475
JENNINGS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	8	8	8	8	8	8	8	6	6	6	100
EAST LABELLE	19	19	19	21	24	27	28	30	34	38	38	38	38	38	37	0	0	0	0	0	0	104	105	105	106	107	108	109	78	78	79	1427
SUNNYDELL	0	0	0	26	26	26	30	40	50	51	48	47	47	63	85	87	87	86	86	85	88	90	93	95	102	106	106	108	111	118	106	2093
LENROOT	50	60	80	81	83	74	90	92	87	81	92	92	94	121	116	124	97	120	110	102	108	104	106	114	124	130	138	154	157	157	127	3265
REID	0	0	0	0	33	62	60	52	72	83	110	130	104	100	100	99	88	86	83	83	92	92	98	110	114	114	133	141	131	131	110	2611
TEXAS FEEDER	20	20	20	20	20	20	20	20	30	60	140	140	140	140	140	137	134	134	134	140	140	150	160	170	180	200	210	214	214	214	214	3695
NELSON COREY	0	0	0	0	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	3	21
HILL PETTINGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	4	4	5	5	5	0	41
RIGBY	72	72	71	69	70	70	66	65	64	90	97	97	95	122	115	69	137	126	125	141	138	138	148	148	112	146	134	121	141	92	87	3243
ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	97	93	105	117	123	129	135	141	147	152	156	154	153	156	160	163	2282
DILTS	0	0	0	0	0	0	0	0	0	0	0	0	16	20	24	24	24	24	34	32	30	28	26	26	26	26	26	24	26	30	32	498
W. LABELLE & L. ISLAND	0	0	0	0	0	0	0	0	0	39	72	90	98	129	181	189	283	346	369	371	389	392	343	363	464	459	483	494	510	510	499	7073
PARKS & LEWISVILLE	0	0	0	0	0	0	0	0	0	0	186	247	172	252	216	244	272	217	202	239	255	265	268	272	288	248	261	280	272	272	273	5201
NORTH RIGBY	20	20	20	20	24	25	25	25	25	25	25	25	25	25	35	40	45	45	45	45	45	45	44	44	44	44	44	44	44	44	44	1020
WHITE	5	5	5	5	8	7	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	7	8	8	8	8	8	164
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	6	8	8	8	8	8	7	7	6	123
BUTTE & MKT. LAKE	0	0	0	0	0	0	46	46	47	42	42	42	45	46	46	46	87	84	140	142	170	194	211	169	0	0	0	0	0	0	42	1692
OSGOOD	0	0	0	0	0	0	0	0	0	40	40	50	64	75	92	95	94	93	92	90	94	93	93	93	93	92	90	94	92	92	92	1843
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	3	3	3	3	0	0	3	3	3	3	3	3	3	3	0	0	3	3	3	3	3	51
SMITH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	9
KENNEDY	0	0	0	0	0	6	6	6	6	6	6	6	6	6	15	25	25	25	33	33	33	33	40	48	48	48	48	48	48	48	48	700
IDAHO	0	0	196	236	204	256	210	210	214	262	575	575	609	723	783	580	578	575	575	575	618	618	618	618	678	693	768	768	708	708	708	15439
GREAT WESTERN	75	68	81	125	141	138	135	149	158	196	214	199	246	268	290	278	270	289	311	350	356	367	375	383	343	398	415	420	415	429	422	8354
PORTER	60	60	62	75	75	72	88	86	86	101	153	153	215	243	243	239	239	235	234	235	223	223	223	176	176	176	223	229	223	223	223	5272
COY & KELLER	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	22
WOODVILLE	20	20	20	20	20	21	21	22	23	24	35	35	35	39	47	54	50	50	50	50	57	57	54	54	56	54	56	57	50	52	53	1256
SNAKE RIVER VALLEY	120	121	143	168	184	196	211	219	248	324	372	386	403	482	480	369	354	424	448	446	444	446	455	464	477	482	489	493	467	414	419	11148
TOTAL HEISE TO SHELLEY	948	993	1250	1599	1731	1775	1927	1971	2084	2509	3395	3582	3770	4349	4739	4368	4357	4720	5002	5148	5307	5387	5430	5483	5587	5644	5904	6185	6220	6269	6020	123653
RESERVATION	0	0	0	0	0	79	198	283	275	367	536	612	620	635	636	371	155	191	255	430	506	423	305	336	391	455	603	690	636	590	636	11214
BLACKFOOT	100	103	107	111	129	147	277	312	284	256	215	174	182	190	197	174	184	195	216	236	238	241	287	317	354	375	363	386	2	359	347	7058
NEW LAVA SIDE	59	59	99	91	106	123	136	123	91	121	141	150	141	132	123	89	91	99	91	88	91	94	99	114	132	136	150	150	144	123	123	3509
PEOPLES	174	194	220	282	300	318	370	355	454	450	517	538	534	530	496	395	413	397	393	405	364	336	336	364	397	460	504	530	528	528	496	12578
ABERDEEN	500	558	613	689	789	879	950	1010	1070	1110	1140	1180	1210	1230	1250	1240	1180	1180	1180	1170	1170	1180	1180	1140	1150	1180	1190	1200	1200	1200	1200	33118
CORBETT	108	108	112	123	116	118	106	104	105	116	148	154	151	136	125	113	83	82	90	108	110	110	112	120	119	139	139	145	135	133	146	3714
NIELSEN-HANSEN	0	0	0	0	10	12	13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	12	14	16	18	19	19	19	19	335
RIVERSIDE	50	50	50	60	70	80	95	90	90	90	89	90	40	90	90	90	90	90	90	90	90	90	90	90	90	40	90	90	94	94	94	2626
DANSKIN	89	89	177	205	211	231	190	195	208	207	191	200	186	178	158	134	132	131	140	150	156	161	166	170	173	189	189	197	203	158	159	5323
TREGO	30	30	48	44	45	45	35	40	42	40	38	44	44	44	46	48	49	45	44	45	44	45	45	45	45	45	46	50	58	61	60	1390
WEARY RICK	20	20	20	20	50	60	69	60	60	60	59	58	58	58	58	58	58	57	57	57	55	55	55	55	55	55	55	55	55	55	55	1622
WATSON	46	100	102	110	110	110	108	107	107	111	106	113	113	110	107	73	103	100	99	102	100	100	107	100	103	107	103	103	107	107	114	3188
PARSONS	10	10	10	10	22	22	23	22	21	20	19	20	20	20	20	20	20	22	24	26	27	27	27	28	30	30	31	29	27	28	29	694
TOTAL SHELLEY TO CLOUGH	1186	1321	1558	1745	1458	2224	2570	2711	2817	2458	3204	3343	3354	3563	3316	2815	2568	2594	2689	2417	2961	2874	2821	2891	3053	3277	3481	3644	3208	3455	3478	86364

DAILY DISCHARGE IN SEC-FT. OF SNAKE RIVER CANALS FOR JUNE 1943

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	
RILEY	10	10	10	6	2	2	7	12	12	14	16	18	23	23	24	23	33	26	32	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	557
ANDERSON	133	96	76	56	50	46	45	44	44	76	105	157	166	167	177	153	161	223	148	187	310	318	366	365	363	376	376	370	345	353	[illegible]
EAGLE ROCK	152	132	120	115	128	124	122	102	119	117	119	120	118	120	120	117	131	119	128	323	504	607	630	625	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FARMERS FRIEND	230	201	201	201	201	190	190	190	188	200	220	263	300	337	285	236	270	311	360	400	434	460	488	490	490	495	495	499	500	500	[illegible]
ENTERPRISE	152	150	130	124	73	57	55	53	31	113	110	100	90	90	90	85	85	84	85	85	100	130	160	160	160	167	167	167	167	167	[illegible]
NELSON	1	1	1	1	1	2	4	4	4	4	4	4	4	0	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0	59
MATTSON & CRAIG	9	8	7	7	6	6	6	5	5	5	5	5	5	5	5	11	11	22	22	22	18	16	15	15	14	12	12	12	11	11	313
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	34	32	30	30	29	30	30	30	30	31	31	31	31	31	32	32	32	32	32	40	49	48	47	47	46	48	52	55	51	55	[illegible]
ROSS & RAND	1	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	66
STEELE	0	0	0	0	0	0	0	0	0	0	6	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	13	13	13	13	259
HARRISON	414	400	200	100	92	100	100	200	242	301	337	488	350	214	220	240	247	483	520	530	540	566	623	568	550	538	498	490	483	490	11124
CHENEY	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	275
BOOMER	131	121	89	84	84	64	63	62	73	74	112	139	145	138	148	153	154	157	184	200	213	199	206	206	209	216	201	201	201	201	4428
RUDY	40	39	29	27	20	20	20	20	27	31	34	47	40	42	36	34	34	33	43	52	85	79	82	83	83	82	65	65	63	64	1419
KITE & NORD	5	4	0	0	0	0	0	0	0	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	136
BURGESS	608	570	467	493	491	459	483	483	646	803	794	843	866	870	870	742	716	896	879	883	928	867	852	857	1000	995	910	928	964	968	23131
CLARK & EDWARDS	67	67	51	34	31	48	46	51	51	56	56	67	67	67	67	67	67	72	72	78	83	76	61	82	93	93	93	87	59	81	1990
LOWDER	20	8	8	8	15	15	15	15	30	37	37	37	38	36	34	31	23	18	19	35	47	48	50	50	50	48	45	43	40	35	935
JENNINGS	1	1	1	1	0	0	0	0	0	4	4	4	4	4	6	6	6	6	8	8	8	8	8	8	8	6	6	6	5	5	132
EAST LABELLE	79	79	85	65	62	61	80	100	110	110	111	115	118	98	79	85	90	98	100	120	130	145	148	152	150	140	140	140	130	130	3250
SUNNYDELL	102	98	88	77	71	69	72	71	69	69	71	73	71	72	71	75	78	84	88	98	105	142	169	159	172	170	172	174	171	146	3147
LENROOT	113	116	116	107	78	98	103	90	95	74	97	101	108	121	118	129	140	131	127	161	174	182	186	204	173	133	131	129	143	133	3811
REID	106	84	77	75	69	69	78	85	93	124	147	159	149	140	126	115	103	103	118	153	173	172	180	214	194	189	188	186	188	191	4048
TEXAS FEEDER	214	214	180	160	152	152	170	200	220	240	240	240	250	260	270	280	290	300	301	300	300	300	300	300	300	300	300	300	300	293	7626
NELSON COREY	3	4	5	6	8	7	7	6	6	6	6	6	6	6	8	9	10	11	12	12	12	12	12	12	12	16	20	24	25	26	315
HILL PETTINGER	0	0	0	0	0	0	2	2	3	3	3	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	3	0	0	0	78
RIGBY	81	84	61	48	46	45	96	96	91	153	143	135	170	164	162	168	135	179	165	177	156	193	201	217	192	204	204	201	197	193	4357
ISLAND	160	164	166	169	154	152	154	149	140	149	140	140	140	150	150	150	155	154	181	190	178	175	174	173	172	176	181	180	179	169	4864
DILTS	32	33	28	24	22	24	26	27	27	27	27	27	27	33	33	33	33	33	32	32	32	31	31	30	30	30	29	28	26	26	873
W. LABELLE & L. ISLAND	500	402	403	397	395	384	384	408	397	451	449	467	491	486	427	421	424	421	421	421	410	462	481	483	500	502	497	500	532	526	13442
PARKS & LEWISVILLE	232	234	240	212	198	193	188	266	266	253	288	283	282	280	314	244	244	277	340	307	343	321	319	352	366	359	364	368	362	345	8640
NORTH RIGBY	44	44	44	58	52	52	52	52	52	52	60	64	63	62	62	62	61	61	61	61	61	62	62	63	63	64	64	65	65	66	1754
WHITE	9	10	11	12	13	12	11	8	8	8	8	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	208
ELLIS	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	5	6	7	8	56
BRAMWELL	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4	8	8	8	8	8	8	8	8	8	8	8	8	8	108
BUTTE & MKT. LAKE	163	193	193	232	259	287	313	327	327	327	329	345	354	176	182	264	254	271	252	235	0	0	239	224	252	271	310	311	321	326	7537
OSGOOD	93	93	78	42	40	40	40	40	40	53	66	70	68	68	83	82	82	78	82	82	94	95	107	106	107	107	108	107	107	106	2364
BEAR ISLAND	3	3	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	0	3	3	3	3	63
SMITH	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	1	1	1	1	12
KENNEDY	40	32	32	32	32	32	32	32	32	32	41	51	51	51	51	51	51	51	49	48	46	46	46	46	46	50	50	51	51	51	1306
IDAHO	708	550	346	262	221	222	312	312	312	346	448	558	558	621	615	630	645	735	796	796	951	1240	1260	1200	1150	963	886	948	948	901	20440
GREAT WESTERN	420	407	338	308	294	252	237	262	282	289	303	292	314	342	311	326	342	359	369	400	420	449	466	470	473	468	461	432	424	449	10959
PORTER	203	168	111	74	89	40	59	103	44	100	100	125	123	152	157	141	213	235	239	239	229	271	271	272	285	285	260	168	150	150	5086
COY & KELLER	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	26
WOODVILLE	53	54	46	37	32	31	31	31	31	30	30	44	48	49	56	57	54	62	62	63	62	62	63	62	66	63	61	61	62	63	1526
SNAKE RIVER VALLEY	385	325	256	168	96	38	0	45	119	117	211	293	316	328	345	343	379	457	513	520	554	651	657	611	556	520	512	508	510	504	10837
TOTAL HEISE TO SHELLEY	5764	5246	4338	3866	3614	3431	3641	3991	4325	4895	5328	5955	5997	5847	5756	5639	5787	6630	6991	7448	7839	8521	9047	8993	9041	8793	8571	8534	8493	8426	190747
RESERVATION	646	423	247	145	139	287	348	335	277	255	342	394	401	381	363	314	276	301	363	412	481	607	730	732	728	729	728	714	629	592	13319
BLACKFOOT	314	189	125	36	36	36	36	56	56	56	56	110	160	160	160	169	167	170	170	338	346	351	377	374	381	330	330	324	319	314	6046
NEW LAVA SIDE	106	90	42	37	33	32	32	47	46	59	54	58	58	60	56	44	60	75	112	111	168	183	184	175	73	74	81	86	96	96	2428
PEOPLES	454	343	318	264	264	260	255	266	282	282	304	314	208	180	340	333	355	355	374	475	506	551	584	583	540	588	580	580	559	555	11952
ABERDEEN	1160	1120	1040	1020	962	953	956	959	959	994	1050	1050	1050	1050	1010	1000	1000	972	982	1010	1100	1170	1220	1240	1260	1260	1230	1220	1210	1220	32427
CORBETT	146	124	118	70	68	66	61	56	55	55	76	112	116	120	120	57	90	92	105	108	114	158	187	177	160	162	161	160	135	132	3361
NIELSEN-HANSEN	18	18	17	16	16	15	15	15	15	15	2	2	2	2	2	2	2	2	10	13	13	13	13	13	13	13	13	12	12	11	325
RIVERSIDE	80	70	50	44	44	44	44	44	44	44	50	60	80	90	90	90	92	95	100	100	120	120	120	120	126	120	120	120	120	120	2561
DANSKIN	189	189	125	61	134	114	94	164	132	126	126	128	130	126	118	126	95	138	126	189	213	223	201	193	190	183	191	199	196	194	4603
TREGO	63	62	59	51	43	51	38	46	43	43	47	50	54	53	54	53	37	58	58	61	62	63	68	68	59	59	61	62	59	62	1647
WEARY RICK	50	50	30	20	10	10	10	10	10	10	10	20	30	34	34	34	34	36	38	45	55	55	55	55	55	55	55	50	50	50	1060
WATSON	104	107	109	110	109	107	86	101	98	106	108	108	113	116	104	91	89	92	92	95	97	114	128	134	136	134	134	134	134	133	3323
PARSONS	30	30	29	28	28	28	27	27	27	27	27	27	26	26	26	26	26	26	27	27	27	28	31	31	31	31	31	31	31	31	848
TOTAL SHELLEY TO CLOUGH	3360	2865	2309	1402	1886	2009	2002	2126	2044	2072	2252	2433	2428	2348	2477	2339	2313	2412	2557	2484	3302	3636	3848	3845	3802	3738	3715	3642	3550	3510	83900

DAILY DISCHARGE IN SEC.-FT. OF SNAKE RIVER CANALS FOR JULY 1943

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	24	29	35	35	26	20	25	27	23	24	24	18	28	28	26	26	31	23	22	22	24	29	23	17	27	26	24	23	19	19	21	[illegible]
ANDERSON	286	281	274	264	264	264	251	380	380	388	383	384	377	386	369	364	370	373	393	367	376	343	335	344	[illegible]	341	361	[illegible]	343	361	[illegible]	[illegible]
EAGLE ROCK	600	544	544	479	479	520	636	612	639	634	636	673	680	668	659	674	680	643	650	687	687	684	684	684	684	684	668	668	714	714	698	[illegible]
FARMERS FRIEND	505	505	505	346	400	447	504	480	480	480	480	480	460	440	440	437	442	475	460	393	393	393	393	353	353	346	353	400	400	400	400	13398
ENTERPRISE	160	155	155	155	155	155	155	174	180	190	196	190	190	180	180	172	170	170	170	160	158	172	180	175	177	172	138	131	182	137	176	5250
NELSON	0	0	0	0	0	0	0	4	4	4	5	6	7	7	7	7	6	5	4	4	6	6	0	0	0	0	0	4	3	3	3	95
MATTSON & CRAIG	11	11	11	11	11	11	11	12	20	20	20	20	22	26	28	28	28	16	12	11	11	8	8	7	6	7	7	16	15	18	18	461
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	57	56	55	54	52	60	59	60	60	60	60	60	60	60	59	59	60	65	65	51	52	53	51	51	50	51	51	52	47	53	52	1735
ROSS & RAND	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	9	5	6	6	5	6	6	6	6	6	7	178
STEELE	13	13	12	10	8	8	8	8	8	8	8	8	8	7	7	7	7	6	6	6	6	6	6	6	5	5	5	5	5	6	6	227
HARRISON	498	584	584	590	590	590	590	592	590	580	560	552	550	550	550	550	550	550	550	470	483	470	470	470	470	468	468	468	463	466	466	16382
CHENEY	10	10	10	10	10	12	12	12	12	12	13	13	13	12	10	10	10	10	10	9	10	9	8	8	7	7	7	7	7	7	7	304
BOOMER	200	185	178	184	186	182	197	197	197	195	192	181	164	162	189	139	186	195	224	148	154	152	152	153	152	148	144	140	152	152	150	5380
RUDY	64	63	60	45	44	50	69	75	68	69	67	41	48	62	65	65	64	64	63	40	53	54	54	44	39	38	48	48	51	51	56	1722
KITE & NORD	7	7	7	7	7	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	6	6	5	5	5	6	6	200
BURGESS	928	934	892	848	848	866	905	995	995	1010	1010	1020	990	990	982	972	972	972	968	953	910	910	839	839	835	808	800	808	849	849	883	29379
CLARK & EDWARDS	88	84	87	73	76	95	95	98	89	79	80	80	80	83	93	93	93	87	86	93	72	72	71	70	70	70	69	70	70	69	70	2505
LOWDER	79	38	36	33	30	31	31	31	32	33	35	36	36	39	49	56	54	52	51	50	46	44	35	29	38	33	32	25	38	35	38	1175
JENNINGS	4	4	4	6	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	8	8	8	6	4	6	6	6	4	6	6	6	216
EAST LABELLE	120	120	120	120	120	100	90	87	110	126	120	100	99	120	140	146	152	154	156	159	120	124	122	123	122	121	121	143	121	121	118	3815
SUNNYDELL	118	100	98	98	100	116	121	122	118	134	128	126	122	110	112	123	121	120	126	134	148	148	152	150	133	130	134	131	129	129	125	3856
LENROOT	122	154	152	108	132	144	140	138	142	162	122	132	124	130	114	141	147	123	135	132	144	139	135	139	140	138	132	130	143	142	138	4214
REID	178	147	136	131	132	135	132	165	166	174	139	134	137	163	164	164	157	145	145	157	157	156	152	125	127	120	106	117	119	113	107	4400
TEXAS FEEDER	293	293	293	293	300	300	300	307	300	300	260	260	250	240	230	210	207	200	200	193	190	245	261	281	277	277	269	204	201	150	126	7710
NELSON COREY	20	20	20	20	20	22	24	25	25	24	20	18	16	16	14	12	10	8	5	2	2	10	14	16	16	16	9	1	2	3	4	434
HILL PETTINGER	0	0	0	0	0	2	4	4	4	4	4	3	3	3	3	3	2	2	2	1	2	4	4	4	5	5	4	2	1	2	3	80
RIGBY	168	166	164	145	127	141	169	181	197	199	205	200	183	174	158	178	182	200	200	166	166	164	166	162	164	163	163	164	162	162	163	5302
ISLAND	169	169	168	163	163	163	163	163	163	163	165	165	165	170	170	160	160	160	155	158	160	170	173	178	183	172	167	169	164	172	175	5159
DILTS	30	32	34	34	36	37	39	39	39	37	37	37	36	36	36	35	35	35	34	34	34	34	34	36	31	29	27	30	30	32	29	1058
W. LABELLE & L. ISLAND	491	494	475	478	475	478	475	475	493	478	475	472	456	451	508	502	502	500	510	475	496	500	513	521	502	505	508	508	510	516	518	15260
PARKS & LEWISVILLE	379	353	348	354	361	341	326	352	397	370	322	361	377	366	364	393	386	366	402	357	357	357	355	355	346	345	355	349	350	355	355	11154
NORTH RIGBY	66	66	66	66	66	66	66	66	66	65	64	63	62	61	60	58	56	54	52	55	52	52	52	53	53	51	51	51	52	53	53	1817
WHITE	5	5	5	5	5	5	5	5	5	5	6	6	5	4	2	2	2	2	2	1	4	4	10	9	4	4	6	4	4	4	5	140
ELLIS	9	10	8	6	6	7	7	7	7	7	6	6	6	6	6	7	7	7	6	6	8	6	6	6	5	4	4	4	4	3	3	190
BRAMWELL	8	9	9	9	8	8	8	8	7	7	7	7	7	7	8	8	8	8	8	8	6	8	8	9	8	7	8	9	9	9	9	247
BUTTE & MKT. LAKE	367	305	320	240	241	253	270	303	290	292	294	248	241	235	212	212	205	190	235	224	260	273	274	276	264	252	260	279	225	292	258	8159
OSGOOD	105	106	105	105	105	104	105	105	105	105	105	116	112	114	117	116	114	112	112	116	114	116	0	0	0	0	114	113	116	115	115	2987
BEAR ISLAND	3	3	3	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	3	3	3	3	3	3	0	3	78
SMITH	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	0	1	1	0	0	1	1	14
KENNEDY	51	51	47	47	51	51	52	52	52	55	57	58	58	57	55	56	57	56	56	53	48	56	57	59	56	53	46	44	45	50	55	1641
IDAHO	852	852	872	699	726	849	957	1140	1190	1190	1160	1120	1110	1070	1020	1180	1100	1100	1130	1170	1190	1160	1230	1090	1130	1130	1200	1200	1170	1240	1230	33507
GREAT WESTERN	453	449	442	448	449	456	458	497	501	511	520	522	529	543	538	546	565	550	553	546	550	550	529	503	499	508	508	511	518	520	529	15791
PORTER	152	197	220	241	209	209	262	275	271	285	285	285	302	298	290	302	317	311	313	311	308	309	311	298	285	285	260	271	283	294	299	8535
COY & KELLER	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	43
WOODVILLE	65	67	72	68	61	61	21	73	71	71	71	68	65	67	69	72	77	75	75	77	76	76	76	75	74	73	72	70	75	71	74	2159
SNAKE RIVER VALLEY	499	491	484	500	570	577	573	625	637	630	620	615	615	624	617	621	649	641	643	663	697	691	683	643	625	617	647	655	683	683	685	19208
TOTAL HEISE TO SHELLEY	8213	8173	8114	7525	7661	7961	8345	9036	9154	9124	8985	8408	8819	8796	8746	8483	9017	8851	9015	8687	8761	8836	8714	8447	8391	8284	8371	8406	8586	8633	8623	266 265
RESERVATION	529	458	562	652	640	679	717	714	712	715	712	695	732	750	695	676	701	688	670	641	640	632	644	646	626	508	514	590	525	548	604	19865
BLACKFOOT	302	240	288	287	237	267	276	294	368	386	388	388	375	375	376	377	399	388	364	363	382	318	322	323	233	224	377	342	400	385	343	10327
NEW LAVA SIDE	103	131	129	119	124	153	171	179	182	181	177	180	171	169	151	140	132	150	163	159	160	158	163	158	142	156	157	158	154	159	156	4785
PEOPLES	551	303	191	221	194	405	551	578	578	580	572	580	586	580	576	532	517	559	534	473	490	486	493	492	502	504	469	506	502	502	513	15120
ABERDEEN	1240	1250	1140	1120	1180	1120	1140	1150	1150	1170	1220	1220	1230	1250	1260	1270	1270	1280	1280	1270	1280	1280	1280	1280	1240	1240	1280	1280	1280	1280	1280	38510
CORBETT	160	163	173	179	164	175	173	164	179	179	179	178	181	181	174	178	178	178	170	162	164	177	185	164	154	154	158	140	83	71	135	5053
NIELSEN-HANSEN	10	9	9	9	9	9	9	8	8	8	7	7	6	6	5	5	5	5	5	5	0	0	8	16	16	15	13	0	0	0	0	212
RIVERSIDE	110	110	110	95	95	100	120	120	120	120	120	120	120	120	120	122	125	125	125	125	124	125	127	129	129	126	126	120	106	101	99	3634
DANSKIN	191	190	170	144	147	168	170	176	178	184	194	203	207	210	186	187	186	195	200	187	186	194	184	181	183	184	183	175	189	185	181	5698
TREGO	60	58	61	60	62	60	60	61	62	61	62	64	72	76	77	0	0	76	72	72	76	72	64	65	74	76	76	68	71	52	71	1946
WEARY RICK	50	50	50	50	50	43	43	50	50	50	58	60	60	60	50	60	60	60	60	60	54	58	58	61	52	45	54	51	56	57	61	1686
WATSONS	133	133	131	129	129	126	127	121	127	123	118	115	113	109	107	118	117	117	124	123	128	128	131	138	138	137	130	125	126	108	102	3831
PARSONS	10	30	30	30	30	30	29	28	28	27	27	27	28	28	30	28	26	30	28	26	24	24	24	30	31	31	30	28	27	27	26	887
TOTAL SHELLEY TO CLOUGH	3469	3179	3144	3145	3061	3335	3586	3633	3742	3784	3834	3837	3881	3914	3807	3693	3716	3851	3795	3666	3718	3657	3688	3683	3575	3450	3567	3635	3519	3515	3621	111754

DAILY DISCHARGE IN SEC-FT OF SNAKE RIVER CANALS FOR AUGUST, [illegible]

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANDERSON	273	274	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAGLE ROCK	403	407	696	680	682	568	566	564	584	580	586	616	614	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FARMERS FRIEND	402	405	409	411	404	409	394	393	391	389	387	385	384	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENTERPRISE	172	193	145	144	127	163	173	134	134	172	158	151	169	169	113	160	135	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NELSON	2	2	3	2	0	0	0	2	2	1	0	0	2	3	0	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MATTSON & CRAIG	15	18	9	10	9	12	13	12	9	8	8	7	7	5	5	8	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARNSBERGER	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	6	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BUTLER ISLAND	51	50	51	47	48	46	48	49	49	46	45	46	47	47	46	47	44	43	44	50	50	47	47	48	47	47	48	48	47	[illegible]	[illegible]	[illegible]
ROSS & RAND	7	7	7	6	6	6	6	6	6	6	4	4	5	4	5	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
STEELE	6	6	6	6	5	5	5	5	6	6	5	6	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	[illegible]	[illegible]	[illegible]
HARRISON	468	470	473	476	478	478	479	478	388	421	473	486	496	483	456	460	400	397	392	390	385	380	380	385	380	380	386	385	380	[illegible]	[illegible]	[illegible]
CHENEY	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	216
BOOMER	150	145	145	143	144	139	137	139	137	146	144	148	153	153	153	137	137	134	140	144	144	145	144	157	155	155	155	158	144	155	155	4495
RUDY	56	54	52	58	54	52	57	58	58	56	54	52	56	56	58	58	53	57	56	58	52	51	53	54	54	54	53	56	52	53	53	1700
KITE & NORD	6	7	7	7	6	6	7	8	8	7	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	211
BURGESS	883	852	857	848	846	896	843	870	804	795	778	764	760	764	764	725	704	716	751	712	708	704	712	721	708	747	747	747	[illegible]	716	696	23914
CLARK & EDWARDS	71	71	72	72	72	72	71	70	72	70	68	68	69	68	71	71	72	71	71	72	72	71	71	71	71	71	71	72	71	71	71	2197
LOWDER	43	44	45	44	41	42	43	46	44	42	41	39	40	45	44	43	43	42	35	40	36	35	35	36	36	36	34	34	35	36	40	1254
JENNINGS	7	7	7	7	6	8	7	8	8	8	8	8	8	7	6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	9	7	216
EAST LABELLE	119	121	121	120	119	117	119	119	119	119	118	117	119	118	119	118	119	119	118	117	118	118	119	118	118	117	118	118	118	118	117	3671
SUNNYDELL	118	127	103	124	113	121	122	141	126	118	114	114	121	118	120	118	103	110	107	106	102	98	99	107	103	115	94	114	114	114	114	3518
LENROOT	136	137	145	134	100	112	128	148	135	94	156	110	115	115	116	114	131	126	134	136	127	128	131	130	131	128	128	130	129	132	133	3954
REID	108	120	133	115	76	84	103	125	132	118	107	104	113	118	120	118	119	110	104	108	106	95	93	108	103	96	103	105	104	101	101	3353
TEXAS FEEDER	123	168	195	186	113	145	147	238	178	178	141	145	160	166	163	156	157	148	145	149	130	114	115	129	124	125	122	135	136	126	127	4584
NELSON COREY	8	9	13	8	2	16	16	16	16	17	16	15	17	17	16	16	16	14	13	13	14	13	12	14	13	13	12	13	11	12	11	412
HILL PETTINGER	3	4	2	2	0	4	4	7	7	7	7	6	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	112
RIGBY	159	160	160	161	154	157	160	163	163	163	159	160	161	161	160	163	156	155	157	157	157	155	155	155	167	164	163	164	164	164	164	4966
ISLAND	176	174	176	174	154	154	163	164	164	164	161	161	154	151	152	154	160	155	154	154	152	153	150	147	146	147	148	160	152	139	136	4844
DILTS	28	28	28	27	26	26	28	28	27	27	25	26	24	28	28	23	20	14	18	20	27	27	25	27	27	27	27	0	24	25	24	764
W. LABELLE & L. ISLAND	513	518	524	524	481	486	510	532	555	524	510	505	505	502	502	505	443	437	456	440	410	405	398	408	410	382	382	392	345	342	344	14315
PARKS & LEWISVILLE	333	353	353	353	338	353	361	340	346	334	357	340	343	343	290	345	345	340	322	198	300	321	342	338	343	317	314	314	317	314	249	10241
NORTH RIGBY	49	52	51	51	46	47	50	51	50	50	49	49	49	48	42	47	47	46	46	46	46	45	45	46	44	44	44	46	50	51	50	1477
WHITE	4	4	5	5	4	2	5	5	5	4	4	3	3	2	3	3	6	4	4	4	5	4	4	4	4	4	4	5	5	5	5	133
ELLIS	3	4	4	4	4	5	5	5	5	4	4	4	4	4	5	5	5	5	5	5	4	4	3	6	5	4	4	4	5	5	5	138
BRAMWELL	9	8	8	9	6	4	6	8	9	8	7	7	7	7	8	8	8	8	8	9	9	9	8	8	8	7	7	7	8	8	8	232
BUTTE & MKT. LAKE	304	314	323	320	312	282	282	282	281	270	282	243	262	232	220	208	146	183	170	194	218	217	217	216	212	206	204	202	202	202	203	7509
OSGOOD	116	116	116	116	112	115	114	114	114	115	117	118	116	118	119	114	116	116	116	118	118	117	118	117	119	117	117	117	116	115	117	3604
BEAR ISLAND	0	3	3	3	3	3	0	0	0	3	3	3	3	3	0	0	3	0	3	3	3	0	3	3	3	3	3	3	0	0	3	63
SMITH	0	0	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	1	1	0	0	0	16
KENNEDY	51	51	52	50	47	35	33	47	47	43	44	41	44	45	46	48	46	44	32	39	40	42	44	43	43	44	43	42	40	40	36	1342
IDAHO	1200	1140	1220	1220	1120	1060	1070	1100	1130	1060	1060	1060	1050	1050	985	985	982	979	976	973	970	904	901	914	939	954	954	954	799	954	966	31629
GREAT WESTERN	523	523	530	525	516	516	511	501	506	497	488	490	492	490	483	483	482	466	459	464	463	461	463	466	466	463	454	463	464	464	464	15041
PORTER	290	280	277	260	243	250	256	250	244	248	246	243	248	254	250	246	243	240	235	240	248	246	243	241	236	231	242	252	250	247	235	7714
COY & KELLER	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	0	0	1	2	2	2	1	1	1	42
WOODVILLE	72	70	68	68	67	68	70	72	72	74	74	73	74	74	74	74	74	74	74	74	74	74	74	74	73	73	72	70	69	68	60	2221
SNAKE RIVER VALLEY	677	675	677	675	655	641	569	516	535	573	587	573	573	583	569	508	546	535	473	501	529	548	540	571	545	541	585	533	537	563	527	17860
TOTAL HEISE TO SHELLEY	8587	8652	8743	8601	8157	8053	8081	8154	7478	7849	7455	7885	7477	7807	7595	7517	7348	7275	7233	7020	7152	7106	7111	7242	7212	7243	7230	7221	7038	7086	6905	237068
RESERVATION	548	548	592	570	523	475	481	378	90	414	524	520	522	544	544	566	571	568	550	544	544	532	518	530	547	528	518	526	535	526	504	15485
BLACKFOOT	399	391	354	326	263	240	61	65	138	169	211	202	245	293	299	312	311	316	275	308	306	233	258	253	270	265	194	258	268	265	264	8012
NEW LAVA SIDE	143	159	153	151	153	153	151	153	133	134	155	157	153	155	124	128	122	121	133	140	137	133	140	150	150	147	146	122	127	140	120	4383
PEOPLES	517	524	498	509	504	496	513	523	494	506	506	509	513	513	530	481	500	496	498	498	479	471	500	479	475	469	464	471	228	228	468	14860
ABERDEEN	1280	1240	1300	1300	972	0	0	0	727	1270	1300	1290	1250	1300	1300	1240	1240	1300	1300	1300	1300	1300	1240	1300	1240	1280	1240	1280	1270	1270	1270	35144
CORBETT	177	141	203	184	183	167	151	139	132	121	81	74	129	136	133	154	149	151	148	154	161	148	147	134	151	135	131	135	138	136	145	4508
NIELSEN-HANSEN	0	0	0	0	0	4	10	12	13	13	1	6	0	8	12	13	12	13	12	12	13	11	9	2	14	14	9	11	18	16	15	273
RIVERSIDE	99	106	106	108	100	106	103	110	112	110	107	101	97	99	102	102	102	101	100	97	99	98	97	94	98	97	95	92	96	95	91	3120
DANSKIN	181	182	178	186	175	181	178	179	175	156	143	137	167	175	180	192	175	178	175	166	169	164	157	147	160	159	144	150	175	178	154	5226
TREGO	70	64	66	71	68	70	69	68	61	66	67	63	62	44	58	67	61	64	64	64	66	64	55	62	67	62	52	63	65	60	48	1951
WEARY RICK	52	48	55	61	57	40	28	29	36	36	43	37	34	48	39	47	46	48	48	37	39	47	34	32	36	36	32	33	48	50	42	1298
WATSON	116	111	112	126	108	118	117	124	83	105	63	95	71	101	121	128	105	108	104	103	104	101	98	93	130	101	96	111	143	110	111	3317
PARSONS	27	25	25	27	26	27	27	28	30	29	27	22	17	22	24	27	27	28	27	26	27	25	24	20	24	24	19	21	25	26	22	775
TOTAL SHELLEY TO CLOUGH	3654	3689	3642	3624	3132	2077	1889	1808	2224	3124	3233	3213	3260	3438	3466	3507	3471	3442	3434	3434	3444	3327	3327	3246	3412	3317	3145	3273	3134	3100	3254	98907

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR SEPTEMBER 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	
RILEY	13	12	11	12	10	9	7	6	5	3	3	3	3	3	3	6	6	6	6	6	7	6	3	3	1	0	0	0	0	0	153
ANDERSON	304	293	282	284	276	267	248	241	235	239	234	238	237	233	233	232	234	235	234	234	234	233	224	211	181	184	181	180	180	178	6999
EAGLE ROCK	485	446	500	498	505	513	470	466	518	520	520	518	518	520	520	518	513	511	511	509	504	504	522	544	584	584	562	560	550	550	15598
FARMERS FRIEND	304	298	293	293	288	269	266	257	253	255	252	255	290	287	290	240	290	293	291	290	320	320	316	306	277	264	261	260	255	250	8433
ENTERPRISE	84	99	97	98	96	95	90	88	86	88	86	88	86	86	85	115	96	96	103	71	73	113	107	99	73	84	80	80	75	70	2687
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
MATTSON & CRAIG	1	1	1	2	2	3	4	3	2	2	1	1	5	9	9	8	9	10	9	8	8	8	7	7	3	1	3	3	2	2	134
ARNSBERGER	3	2	1	1	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	10
BUTLER ISLAND	48	46	47	46	45	45	43	41	41	41	41	41	41	41	41	41	41	42	42	42	42	42	40	39	35	33	32	32	30	30	1211
ROSS & RANO	6	6	6	6	6	6	6	5	7	6	5	5	5	5	5	5	5	5	5	5	2	5	5	5	5	3	2	2	2	2	143
STEELE	6	6	6	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	1	1	1	1	1	1	1	5	5	5	5	5	134
HARRISON	385	383	378	380	366	366	365	365	342	335	333	330	303	301	301	298	298	296	296	293	294	294	244	289	280	301	301	300	300	300	9667
CHENEY	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	6	4	2	1	0	0	0	0	167
BOOMER	123	119	116	110	110	109	124	110	107	94	97	96	104	104	104	109	110	103	102	107	107	107	102	100	96	100	98	98	96	95	3157
RUDY	53	54	49	46	42	42	36	34	32	33	44	44	44	43	42	41	41	28	34	43	32	30	27	24	21	17	16	16	15	15	1038
KITE & NORD	7	6	6	6	5	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	2	1	1	1	1	1	1	122
BURGESS	656	656	661	665	648	648	633	622	652	652	648	648	643	643	643	639	639	682	661	679	678	678	661	661	635	601	635	634	624	624	19449
CLARK & EDWARDS	65	65	65	64	63	63	62	61	60	64	64	65	64	65	65	65	66	66	68	68	67	67	65	61	55	49	48	48	46	46	1840
LOWDER	41	40	30	29	28	27	27	25	25	24	23	23	22	22	24	31	18	6	0	0	0	0	22	22	25	27	31	30	25	24	665
JENNINGS	7	7	8	9	9	11	8	11	11	11	11	11	11	10	11	12	2	0	0	0	0	0	6	6	7	7	7	5	5	5	208
EAST LABELLE	114	112	112	112	111	108	105	104	109	109	108	104	108	108	106	105	117	114	113	111	108	106	107	102	92	83	79	75	70	70	3082
SUNNYDELL	109	106	102	88	71	67	59	68	78	81	78	80	80	78	76	77	78	80	81	82	79	76	80	62	30	10	10	8	8	8	1990
LENROOT	117	115	113	111	104	96	94	65	89	89	90	90	91	93	81	83	93	97	96	97	97	90	87	79	59	43	45	40	40	40	2524
REID	100	97	93	92	82	77	77	63	52	52	54	32	32	31	30	88	89	90	90	89	96	94	85	78	69	58	57	55	55	50	2107
TEXAS FEEDER	126	120	116	113	108	103	59	71	63	65	67	53	52	53	40	150	154	156	160	161	159	156	148	136	113	90	89	88	88	88	3145
NELSON COREY	13	11	11	11	10	9	8	5	2	1	0	1	1	1	1	8	8	7	8	4	1	0	1	0	0	0	0	0	0	0	122
HILL PETTINGER	3	3	3	3	2	2	2	2	1	2	1	1	1	1	1	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	36
RIGBY	164	164	163	161	163	160	154	151	151	160	160	160	160	160	160	160	160	159	160	160	160	160	154	151	135	110	109	109	109	109	4496
ISLAND	139	139	142	142	142	140	140	141	142	136	130	132	132	127	127	127	127	125	127	124	127	118	121	115	101	94	91	90	90	90	3718
DILTS	25	26	28	28	29	29	22	24	24	23	27	27	31	32	31	32	32	32	32	34	34	29	32	30	23	18	18	17	16	16	801
W. LABELLE & L. ISLAND	395	395	392	384	392	393	392	389	387	395	384	387	384	382	382	384	389	384	384	389	323	318	312	306	297	287	287	287	287	287	10754
PARKS & LEWISVILLE	306	249	240	285	260	256	250	253	249	255	249	275	273	275	253	253	253	241	239	237	277	278	272	228	218	200	197	197	197	197	7512
NORTH RIGBY	47	45	45	45	45	44	44	44	43	44	44	44	44	44	43	43	43	43	43	43	43	43	42	42	37	33	31	31	31	31	1244
WHITE	7	6	3	3	3	2	3	5	1	4	1	1	1	1	1	1	1	2	2	2	4	4	2	3	1	0	0	0	0	0	64
ELLIS	5	5	4	4	4	4	4	4	4	3	2	2	1	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	53
BRAMWELL	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	8	8	8	8	8	8	7	8	4	4	3	2	1	1	1	193
BUTTE & MKT. LAKE	194	184	174	172	164	160	158	154	153	144	130	144	174	182	180	179	184	188	174	144	114	114	110	106	104	94	94	90	90	90	4342
OSGOOD	115	115	115	115	115	116	110	115	112	115	115	115	115	94	115	115	115	116	119	119	117	118	118	104	105	105	105	105	105	105	3368
BEAR ISLAND	3	2	3	3	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	3	3	3	2	0	3	0	0	0	30
SMITH	0	1	1	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	12
KENNEDY	37	37	38	39	39	39	39	38	36	35	34	39	44	45	44	28	30	33	34	34	35	32	31	30	31	32	33	34	34	32	1066
IDAHO	951	889	889	904	765	827	827	827	827	832	839	839	839	834	839	849	849	849	800	700	645	580	521	500	480	450	420	403	400	400	21574
GREAT WESTERN	466	475	471	473	459	459	459	453	453	454	442	437	442	442	436	434	427	412	358	351	351	319	284	274	273	265	238	228	222	228	11485
PORTER	238	242	244	246	240	230	221	220	217	219	207	206	204	203	203	30	165	165	160	155	152	152	153	150	150	148	146	144	142	140	5492
COY & KELLER	1	1	0	0	0	2	2	2	2	1	0	0	0	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	22
WOODVILLE	62	64	65	67	65	64	63	63	63	61	63	63	62	62	61	60	59	58	55	52	50	50	50	49	49	47	45	43	45	44	1704
SNAKE RIVER VALLEY	531	535	518	493	468	468	464	477	466	453	453	462	466	468	466	461	461	452	420	424	429	429	427	425	417	407	348	377	366	367	13448
TOTAL HEISE TO SHELLEY	6875	6742	6707	6663	6362	6355	6171	6047	6124	6128	6069	6086	6140	6123	6081	6107	6232	6206	6040	5840	5742	5701	5564	5364	5075	4840	4760	4676	4607	4590	176 217
RESERVATION	555	517	500	532	584	576	558	535	528	524	522	518	526	522	512	502	482	444	526	536	547	552	541	510	486	448	395	317	268	282	14875
BLACKFOOT	272	268	166	166	172	218	207	196	188	180	181	184	191	195	251	245	240	250	236	238	221	166	143	139	135	130	120	130	130	125	5683
NEW LAVA SIDE	132	129	143	112	112	144	155	136	126	116	115	124	128	140	138	136	133	137	110	122	134	138	100	128	128	106	78	74	69	69	3612
PEOPLES	469	471	504	481	492	444	435	458	450	452	454	452	456	456	456	460	452	439	385	389	346	329	340	359	359	363	329	320	312	300	12412
ABERDEEN	1230	1230	1220	1180	1130	1120	1120	1120	1120	1120	1120	1070	1050	1050	1050	1020	1010	1000	991	1020	972	956	956	956	956	318	0	0	0	0	27085
CORBETT	146	161	146	155	167	151	146	136	125	120	135	129	132	124	126	130	122	120	131	136	148	143	135	139	127	124	117	114	106	84	3480
NIELSEN-HANSEN	15	15	14	13	15	14	15	14	13	13	8	9	12	11	9	8	0	7	13	13	13	13	13	12	12	13	13	16	19	18	373
RIVERSIDE	92	108	108	107	111	95	92	92	90	88	88	90	91	90	103	103	97	100	104	103	104	82	78	78	76	60	63	62	60	60	2675
DANSKIN	158	173	175	170	182	185	180	173	134	132	144	140	159	160	154	153	140	150	162	155	145	84	93	90	88	87	60	80	82	80	4073
TREGO	57	63	58	55	58	52	46	50	54	57	57	61	49	44	46	34	39	44	44	47	44	46	44	44	44	43	34	30	25	25	1349
WEARY RICK	36	48	32	41	44	42	43	39	12	26	30	32	29	24	42	39	37	38	41	42	44	45	33	32	34	31	34	34	33	33	1085
WATSON	34	108	110	108	113	114	112	108	105	104	111	104	108	109	104	100	91	105	108	111	111	116	118	115	114	112	99	99	99	99	3149
PARSONS	38	25	26	25	27	27	26	25	24	23	24	22	24	23	23	22	20	20	22	22	23	24	24	24	23	22	23	22	22	22	697
TOTAL SHELLEY TO CLOUGH	3239	3316	3202	3145	3207	3184	3135	3082	2464	2470	2484	2455	2455	2453	3019	2457	2963	2404	2473	2434	2852	2644	2618	2626	2582	1862	1365	1248	1225	1147	81148

STREAM	May 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Big Jimmy Creek	38	38	38	38	38	38	38	39	39	39	40	40	40	40	41	41
Portneuf River Inflow Below Pocatello	324	324	324	324	324	324	324	325	325	325	326	326	326	327	327	327
Big Spring Creek	481	481	481	481	481	482	483	484	485	485	486	487	488	489	490	490
Clear Creek	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
Ford Creek	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Kinney Creek	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Wide Creek	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
Pyle Springs	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
McTucker Springs	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Hull Springs	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7
Tanner Springs	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Portneuf River at Pocatello	713	713	713	711	704	682	651	623	586	548	502	472	446	420	394	378
Crystal Ditch	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	10
Crystal Waste	20	20	20	20	20	20	20	21	21	21	21	22	22	22	22	22
Danielson Springs	38	38	38	38	38	38	39	39	40	40	41	41	42	42	43	43
Artesian Springs	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Sterling Waste	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5
Colburn Waste	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Aberdeen Waste	100	80	40	60	50	45	40	30	30	35	50	40	30	30	35	50
Tartar Waste	36	36	36	36	25	3	10	1	1	1	1	2	2	2	2	2
Schiltz Waste	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Cedar Waste	1	1	1	10	1	1	1	1	1	1	20	20	12	8	5	8
Ross Fork	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
Triple Creek	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Bannock Creek	41	41	41	41	40	39	38	37	36	35	34	34	33	32	31	30
Ruegar Springs	23	23	23	23	23	23	23	23	23	23	23	23	23	22	22	22
Total Measured	2151	2131	2091	2118	2080	2031	2003	1959	1923	1888	1880	1843	1799	1769	1747	1747
Unmeasured Inflow	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
Total Inflow C–N	3471	3451	3411	3438	3400	3351	3323	3279	3243	3208	3200	3163	3119	3089	3067	3067
Monthly Totals														May		98,665

STREAM	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Big Jimmy Creek	41	42	42	42	43	43	43	44	44	44	45	45	45	46	46
Portneuf River Inflow Below Pocatello	328	328	328	329	329	329	330	330	331	331	331	332	332	332	333
Big Spring Creek	491	492	493	494	495	495	496	497	498	499	500	500	501	502	503
Clear Creek	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
Ford Creek	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Kinney Creek	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Wide Creek	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
Pyle Springs	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
McTucker Springs	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Hull Springs	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6
Tanner Springs	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Portneuf River at Pocatello	386	378	354	329	318	420	426	440	392	337	313	297	284	279	299
Crystal Ditch	10	10	10	10	10	9	9	9	9	9	9	8	8	8	8
Crystal Waste	23	23	23	23	23	24	24	24	24	24	24	25	25	25	25
Danielson Springs	44	44	45	45	46	46	47	47	48	48	49	49	50	50	51
Artesian Springs	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Sterling Waste	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7
Colburn Waste	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
Aberdeen Waste	70	70	70	80	80	90	90	90	80	80	70	60	50	40	50
Tartar Waste	2	2	2	13	13	14	20	25	24	18	14	8	8	7	4
Schiltz Waste	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
Cedar Waste	12	15	20	20	20	23	25	25	20	20	15	12	10	10	10
Ross Fork	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
Triple Creek	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Bannock Creek	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
Ruegar Springs	22	22	22	22	22	22	22	21	21	21	21	21	21	21	21
Total Measured	1783	1779	1764	1761	1752	1867	1883	1901	1839	1779	1738	1703	1679	1664	1693
Unmeasured Inflow	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
Total Inflow C–N	3103	3099	3084	3081	3072	3187	3203	3221	3159	3099	3058	3023	2999	2984	3013
Monthly Totals															

STREAM	June 1	2	3	4	5	6	7	8	9	10
Big Jimmy Creek	46	46	46	45	43	42	40	39	37	35
Portneuf River Inflow Below Pocatello	333	333	333	332	330	328	326	324	322	320
Big Spring Creek	504	504	504	503	502	500	499	498	496	49
Clear Creek	115	115	115	115	115	115	115	115	115	115
Ford Creek	7	7	7	7	7	7	7	7	7	7
Kinney Creek	26	26	26	26	26	26	26	26	26	
Wide Creek	56	56	56	56	56	56	56	56	56	
Pyle Springs	15	15	15	15	15	15	15	15	15	
McTucker Springs	25	25	25	25	25	25	25	25	25	
Hull Springs	6	6	6	6	6	7	7	7	8	8
Tanner Springs	2	2	2	2	2	2	2	1	1	
Portneuf River at Pocatello	337	392	434	458	470	472	452	434	416	39
Crystal Ditch	8	8	8	8	8	7	7	6	6	
Crystal Waste	25	25	25	25	26	26	27	27	28	2
Danielson Springs	51	51	51	50	50	49	48	48	47	4
Artesian Springs	6	6	6	6	6	6	6	6	6	
Sterling Waste	7	7	7	7	8	8	8	9	9	
Colburn Waste	2	2	2	2	2	2	2	2	2	
Aberdeen Waste	50	55	105	130	140	120	125	115	110	9
Tartar Waste	18	30	40	45	55	60	60	60	55	
Schiltz Waste	4	4	4	4	4	4	4	4	4	
Cedar Waste	25	27	35	40	50	50	50	50	45	
Ross Fork	52	52	52	51	49	47	45	43	41	
Triple Creek	4	4	4	4	4	4	4	4	4	
Bannock Creek	15	15	15	15	15	15	14	14	14	
Ruegar Springs	21	21	21	21	21	22	22	22	23	
Total Measured	1760	1834	1944	1998	2035	2015	1992	1957	1918	
Unmeasured Inflow	1320	1320	1320	1320	1320	1320	1320	1320	1320	
Total Inflow C–N	3080	3154	3264	3318	3355	3335	3312	3277	3238	
Monthly Totals										

INFLOW TO AMERICAN FALLS RE

BETWEEN CLOUGH AND NEELEY STATIO

24 HOUR SECOND FEET

24	25	26	27	28	29	30	31	June 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	July 1	2	3	4	5	6	7	8	9	10
44	44	44	45	45	45	46	46	46	46	46	45	43	42	40	39	37	35	33	32	32	33	33	34	35	36	37	38	38	39	40	41	42	43	45	46	47	48	49	49	48	47	46	45	43	42	41	40
330	331	331	331	332	332	332	333	333	333	333	332	330	328	326	324	322	320	319	318	316	314	313	311	310	309	308	307	307	309	311	314	316	318	320	323	325	327	329	329	329	329	330	330	330	331	331	331
497	498	499	500	500	501	502	503	504	504	504	503	502	500	499	498	496	495	494	494	494	494	494	494	495	495	495	495	495	496	497	498	499	500	501	502	503	504	505	505	505	505	505	505	505	505	505	505
115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	2
56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	5
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	1
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	26	26	26	2
6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
40	392	337	313	297	284	279	299	337	392	434	458	470	472	452	434	416	394	377	367	361	377	396	414	398	384	363	337	317	284	246	213	189	160	142	122	104	97	96	97	100	105	102	100	95	80	88	1
9	9	9	9	8	8	8	8	8	8	8	8	8	7	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	5	
4	24	24	24	25	25	25	25	25	25	25	25	26	26	27	27	28	28	28	28	28	27	27	26	25	25	24	24	23	23	23	23	24	24	25	25	26	26	27	27	27	27	27	27	28	28	28	
7	48	48	49	49	50	50	51	51	51	51	50	50	49	48	48	47	46	46	46	46	46	47	47	47	48	48	48	49	49	49	50	51	52	52	53	54	54	55	56	56	56	56	56	56	56	56	
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	
6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	9	9	9	9	8	8	8	8	8	8	8	8	7	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
0	80	80	70	60	50	40	50	50	55	105	130	140	120	125	115	110	95	90	90	90	100	100	130	140	130	120	110	69	69	25	30	25	50	80	95	105	80	50	75	81	85	80	75	40	35	30	
5	24	18	14	8	8	7	4	18	30	40	45	55	60	60	60	55	35	27	30	35	35	40	50	55	40	40	40	20	15	20	10	15	35	35	35	30	35	23	20	20	20	20	20	6	6	6	
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	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	
5	20	20	15	12	10	10	10	25	27	35	40	50	50	50	50	45	35	37	40	40	45	45	50	55	40	45	45	40	35	20	15	10	20	25	25	25	25	20	20	13	12	14	18	18	14	9	
2	52	52	52	52	52	52	52	52	52	52	51	49	47	45	43	41	39	37	36	36	36	37	37	37	38	38	39	39	39	39	39	39	39	40	40	40	40	40	40	40	40	40	40	40	40	40	
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	22	21	20	19	18	17	16	15	15	15	15	15	15	14	14	14	14	14	14	13	12	11	10	9	8	7	6	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	5	
	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	23	23	23	23	23	23	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
	1839	1779	1738	1703	1679	1664	1693	1760	1834	1944	1998	2035	2015	1992	1957	1918	1842	1808	1801	1797	1825	1846	1906	1908	1854	1824	1787	1700	1661	1573	1536	1512	1543	1567	1568	1561	1538	1494	1518	1519	1526	1520	1516	1462	1438	1434	
	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	
	3159	3099	3058	3023	2999	2984	3013	3080	3154	3264	3318	3355	3335	3312	3277	3238	3162	3128	3121	3117	3145	3166	3226	3228	3174	3144	3107	3020	2981	2893	2856	2832	2863	2887	2888	2881	2858	2814	2838	2839	2846	2840	2836	2782	2758	2754	

June 93,010

OW TO AMERICAN FALLS RESERVOIR 1943

BETWEEN CLOUGH AND NEELEY STATIONS

24 HOUR SECOND FEET

18	19	20	21	22	23	24	25	26	27	28	29	30	July 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aug 1	2	3	4	5	6	7
36	37	38	38	39	40	41	42	43	45	46	47	48	49	49	48	47	46	45	43	42	41	40	39	38	37	36	34	33	32	31	30	29	29	29	29	29	28	28	28	28	28	27	27	27	27	27	27	27	27	27
309	308	307	307	309	311	314	316	318	320	323	325	327	329	329	329	329	330	330	330	331	331	331	332	332	332	333	333	333	334	334	334	334	334	334	334	334	335	335	335	335	335	336	336	336	336	336	336	336	336	335
495	495	495	495	496	497	498	499	500	501	502	503	504	505	505	505	505	505	505	505	505	505	505	504	504	504	504	504	504	504	504	504	504	504	504	505	505	505	506	506	507	507	508	508	509	509	509	509	509	509	509
115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	116	116	116	117	117	117	117	118	118	118	118	118	118	118	118
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	57	57	57	57	57	57	57	57	57	57	57	5
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	1
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	26	26	26	26	26	27	27	27	27	27	28	28	28	28	28	28	28	27	27	27	26	26	25	25	25	24	24	24	24	24	24	2
7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	6	6	6	6	6	6	6	6	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
384	363	337	317	284	246	213	189	160	142	122	104	97	96	97	100	105	102	100	95	80	88	100	87	80	69	67	71	71	69	71	73	92	89	138	150	144	146	142	164	148	138	132	129	106	106	108	112	111	106	11
5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	4	4	4	4	4	4	4	4	
25	24	24	23	23	23	23	24	24	25	25	26	26	27	27	27	27	27	27	28	28	28	29	29	29	30	30	30	30	31	31	31	31	31	32	32	33	33	34	35	35	36	36	37	37	38	39	39	39	39	
48	48	48	49	49	49	50	51	52	52	53	54	54	55	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	57	57	57	57	58	58	58	58	59	59	59	59	59	
5	5	5	5	5	5	5	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	7	7	
10	10	10	10	10	10	10	10	10	9	9	9	9	8	8	8	8	8	8	8	8	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	8	8	8	8	8	8	8	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
30	120	110	69	69	25	30	25	50	80	95	105	80	50	75	81	85	80	75	40	35	30	25	20	20	20	20	20	23	25	30	30	31	30	30	25	25	25	35	30	30	30	30	30	35	35	37	37	37	36	
40	40	40	20	15	20	10	15	35	35	35	30	35	23	20	20	20	20	20	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	
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July 86,185

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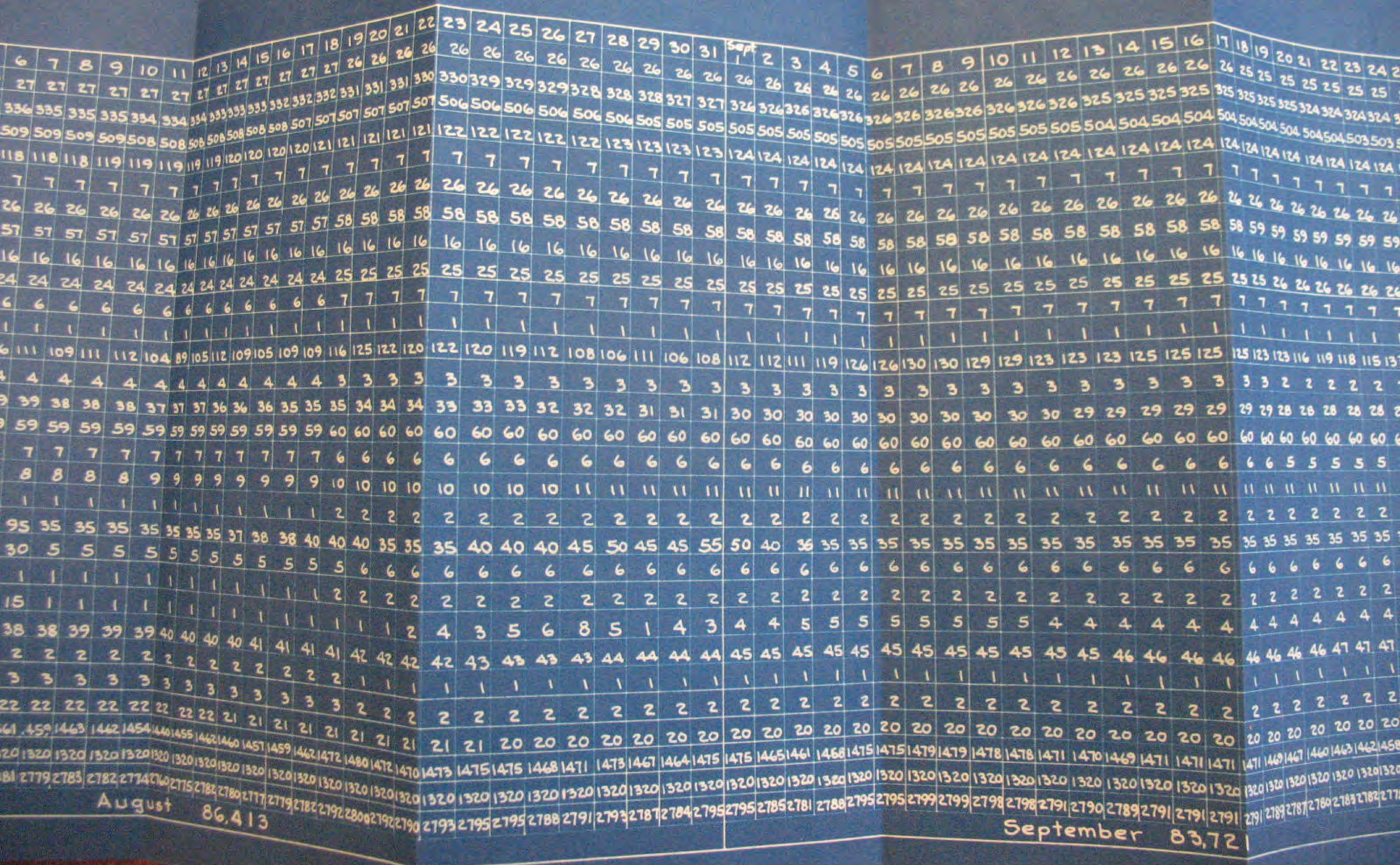
PLATE NO. 11



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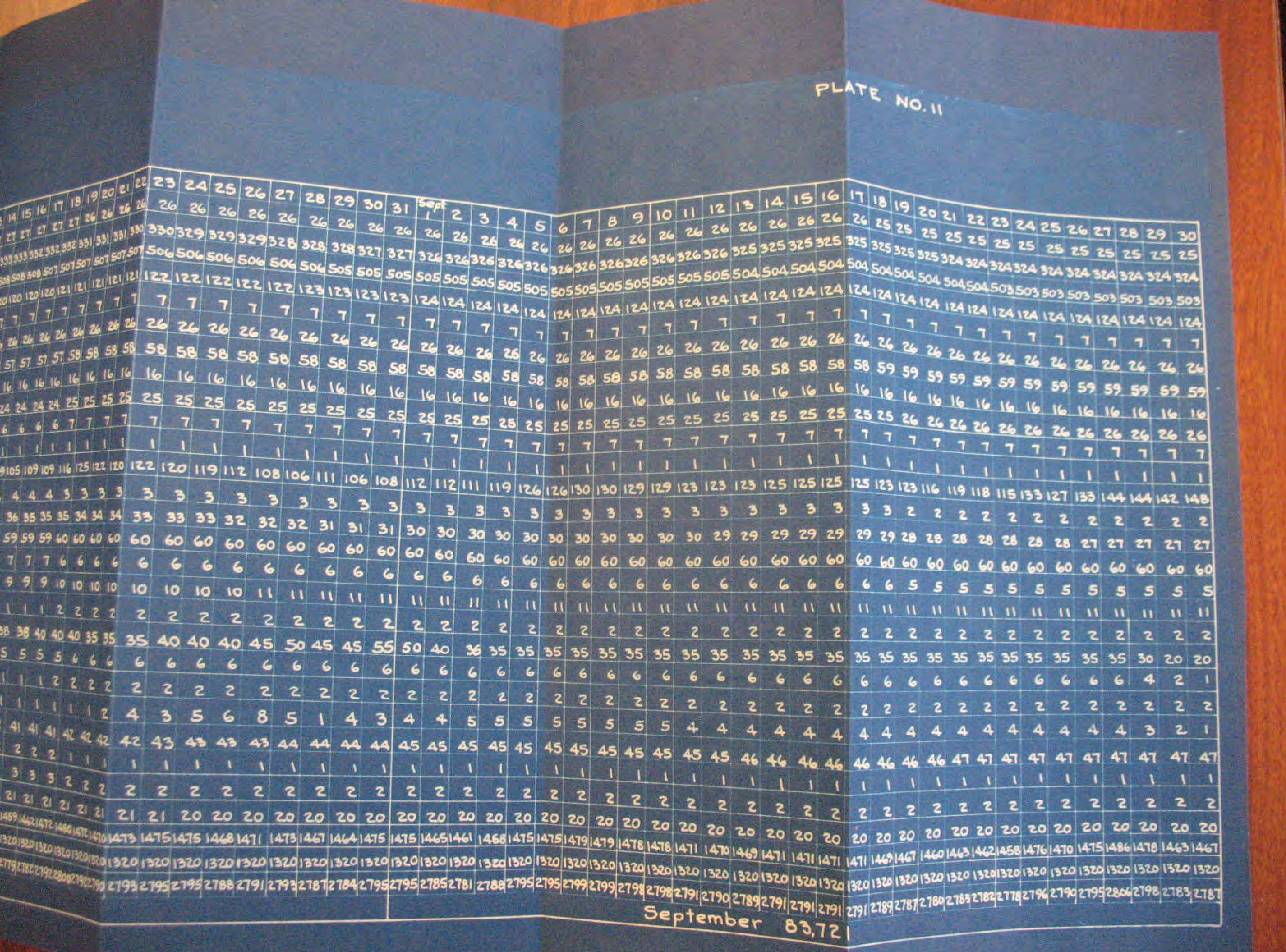

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	120	120	120	121	121	121	121	121	122	122	122	122	122	123	123	123	123	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124
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	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
	57	57	57	57	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	59	59	59	59	59	59	59	59	59	59	59	59	59
	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	24	24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	26	26	26	26	26	26	26	26	26	26	26	26
	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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
		105	109	109	116	125	122	120	122	120	119	112	108	106	111	106	108	112	112	111	119	126	126	130	130	129	129	123	123	123	125	125	125	125	123	123	116	119	118	115	133	127	133	144	144	142	148
		4	4	4	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	2	2	2	2	2	2	2	2	2	2	2	2
		36	35	35	35	34	34	34	33	33	33	32	32	32	31	31	31	30	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	28	28	28	28	28	28	28	27	27	27	27	27
		59	59	59	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
		7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5
		9	9	9	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
			38	40	40	40	35	35	35	40	40	40	45	50	45	45	55	50	40	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	30	20	20
			5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	2	1
			1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
			1	1	1	1	1	2	4	3	5	6	8	5	1	4	3	4	4	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	2	1
			41	41	41	42	42	42	42	43	43	43	43	44	44	44	44	45	45	45	45	45	45	45	45	45	45	45	45	46	46	46	46	46	46	46	46	47	47	47	47	47	47	47	47	47	47
			2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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
			21	21	21	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
			1459	1462	1472	1460	1472	1470	1473	1475	1475	1468	1471	1473	1467	1464	1475	1475	1465	1461	1468	1475	1475	1479	1479	1478	1478	1471	1470	1469	1471	1471	1471	1471	1469	1467	1460	1463	1462	1458	1476	1470	1475	1486	1478	1463	1467
			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
			2779	2782	2792	2800	2792	2790	2793	2795	2795	2788	2791	2793	2787	2784	2795	2795	2785	2781	2788	2795	2795	2799	2799	2798	2798	2791	2790	2789	2791	2791	2791	2791	2789	2787	2780	2783	2782	2778	2796	2790	2795	2806	2798	2783	2787

September 83,721

DAILY SEGREGATION OF DAT

DATE	JACKSON LAKE CONTENTS ACRE-FEET	SNAKE RIVER AT MORAN STORED	SNAKE RIVER AT MORAN NORMAL	SNAKE RIVER AT MORAN TOTAL	MORAN TO HEISE STORED LOSS	MORAN TO HEISE STORED DIV.
July 12	852,610					
13	850,820					
14	852,100					
15	853,890					
16	853,640					
17	853,120	400	3070	3470	10	
18	853,120	-220	3070	2850	-5	
19	853,120	-370	3070	2700	-9	
20	853,380	-329	3049	2720	-8	
21	854,150	-100	3040	2940	-2	
22	854,150	370	3030	3400	9	
23	854,150	370	3010	3380	9	
24	853,380	390	2990	3380	10	
25	851,840	-123	2963	2840	-3	
26	852,350	17	2323	2340	0	
27	852,350	-550	2270	1720	-14	
28	853,640	-560	2220	1660	-14	
29	854,150	270	2000	2270	7	
30	853,640	470	1950	2420	12	
31	853,380	610	1900	2510	15	
Aug. 1	851,840	1220	1890	3110	30	1
2	850,050	1020	1880	2900	25	1
3	849,790	-480	1860	1380	-12	3
4	850,820	-1083	1840	757	-27	3
5	852,350	-546	1826	1280	-14	3
6	851,580	560	1810	2370	14	3
7	850,300	1490	1800	3290	37	3
8	848,250	1300	1710	3010	32	3
9	845,700	1022	1628	2650	26	3
10	843,150	900	1610	2510	22	3
11	841,120	1440	1500	2940	36	3
12	837,300	2280	1450	3730	57	3
13	832,470	2360	1400	3760	59	4
14	827,380	2540	1350	3890	64	4
15	822,290	2580	1300	3880	64	4
16	817,740	2480	1300	3780	62	4
17	813,190	2200	1250	3450	55	4
18	808,900	2170	1200	3370	54	4
19	804,350	2210	1150	3360	55	4
20	800,310	2100	1060	3160	53	4
21	796,770	1860	1060	2920	47	4
22	792,750	2580	1060	3640	64	4
23	786,480	2920	1060	3980	73	4
24	780,970	2670	1050	3720	67	4
25	776,200	2650	1040	3690	66	4
26	770,940	2840	1040	3880	71	

DATE	HEISE & RILEY STORED	HEISE & RILEY NORMAL	HEISE & RILEY TOTAL	STORAGE INFLOW HEISE TO SHELLEY MARKET LAKE	STORAGE INFLOW HEISE TO SHELLEY HENRYS FK. NR. REXBURG	STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY STORED	DIVERSIONS HEISE TO SHELLEY NORMAL	DIVERSIONS HEISE TO SHELLEY TOTAL
July 13									
14									
15									
16									
17									
18	390	14,533	14,923			19			8851
19	-215	14,437	14,222			-11			9015
20	-361	14,183	13,822	11		-18	885	7802	8687
21	-321	13,850	13,529	11	-10	-16	906	7855	8761
22	-98	13,927	13,829	11	-11	-5	892	7944	8836
23	361	14,264	14,625	11	-11	18	869	7845	8714
24	361	13,966	14,327	11	-70	18	642	7805	8447
25	380	13,647	14,027	11	-63	18	650	7731	8381
26	-120	13,446	13,326	11	-59	-6	622	7667	8289
27	17	12,407	12,424	11	-50	1	608	7763	8371
28	-536	12,159	11,623	11	-45	-26	669	7737	8406
29	-546	11,665	11,119	11	-42	-27	759	7827	8586
30	263	10,956	11,219	11	-40	13	848	7785	8633
31	458	10,464	10,922	11	-37	22	893	7730	8623
Aug. 1	595	10,025	10,620	11	-13	29	847	7740	8587
2	1189	9934	11,123	11	77	58	800	7852	8652
3	994	10,334	11,328	11	116	49	983	7760	8743
4	-471	10,438	9967	11	-12	-23	929	7672	8601
5	-1059	9719	8660	11	-9	-52	776	7381	8157
6	-535	8984	8449	10	1	-26	566	7487	8053
7	543	8801	9344	10	-6	26	518	7563	8081
8	1450	9170	10,620	10	-11	71	520	7639	8159
9	1265	9154	10,419	11	37	62	474	7504	7978
10	993	8666	9659	10	45	48	390	7509	7899
11	875	8294	9169	10	44	43	422	7533	7955
12	1401	7728	9129	10	29	69	456	7429	7885
13	2220	7585	9805	9	30	109	707	7270	7977
14	2297	7398	9695	9	-149	111	999	6808	7807
15	2472	7332	9804	9	-688	117	1122	6473	7695
16	2512	7432	9944	8	-683	119	984	6533	7517
17	2414	7340	9754	8	-693	115	839	6509	7348
18	2141	7197	9338	8	-608	102	855	6420	7275
19	2112	7014	9126	8	-524	101	939	6294	7233
20	2151	6846	8997	8	-396	103	926	6094	7020
21	2043	6643	8686	9	-242	99	932	6220	7152
22	1809	6361	8170	9	-149	88	936	6170	7106
23	2512	5923	8435	8	-9	123	940	6171	7111
24	2843	6149	8992	8	-44	138	1004	6238	7242
25	2599	5953	8552	9	-11	127	1007	6205	7212
26	2580	5799	8379	8	36	126	1046	6197	7243
27	2765	5714	8479	8	78	135	1031	6199	7230

DATE	SNAKE RIVER NEAR SHELLEY STORED	SNAKE RIVER NEAR SHELLEY NORMAL	SNAKE RIVER NEAR SHELLEY TOTA	DIVE SHELLEY STORED
July 14				
15				
16				
17				
18				
19	371	8469	8840	
20	-204	7904	7700	69
21	-1217	8577	7360	111
22	-1210	8440	7230	92
23	-985	8755	7770	99
24	-526	9286	8760	98
25	-358	9088	8730	118
26	-340	8860	8520	120
27	-784	8144	7360	85
28	-631	7101	6470	137
29	-1213	6683	5470	141
30	-1309	6029	4720	126
31	-627	5317	4690	145
Aug. 1	-483	4863	4380	155
2	-283	4583	4300	164
3	419	4221	4640	124
4	89	4461	4550	135
5	-1378	5018	3640	80
6	-1781	4591	2810	72
7	-1064	3924	2860	89
8	3	3637	3640	99
9	858	3862	4720	70
10	777	3743	4520	102
11	610	3240	3850	132
12	464	2976	3440	125
13	915	2585	3500	89
14	1443	2427	3870	139
15	1047	2803	3850	156
16	554	3616	4170	97
17	734	3516	4250	116
18	775	3445	4220	122
19	584	3386	3970	124
20	556	3364	3920	124
21	734	3216	3950	230
22	779	3021	3800	347
23	645	2925	3570	366
24	1448	2192	3640	605
25	1665	2205	3870	841
26	1463	2157	3620	950
27	1452	2048	3500	1205
28	1685	1905	3590	1327

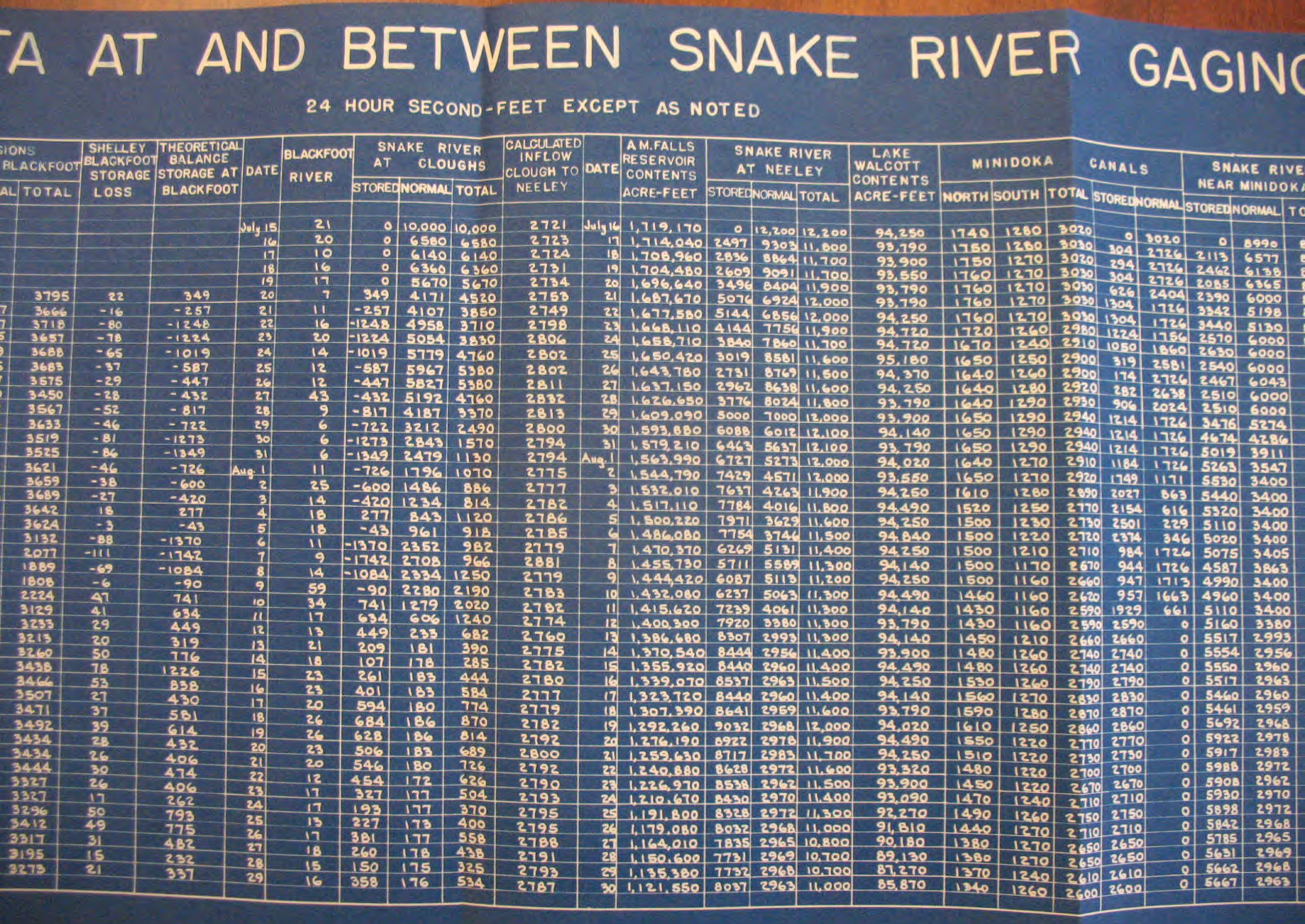
ILY SEGREGATION OF DATA AT AND BETWE

24 HOUR SECOND-FEET

SE & RILEY		STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY			DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACKFOOT			SHELLEY BLACKFOOT STORAGE LOSS	THEORETICAL BALANCE STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER AT CLOUGHS			CALCU INF CLOU NEE
NORMAL	TOTAL	MARKET LAKE	HENRYS FK. NR. REXBURG		STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	
								July 14									July 15	21	0	10,000	10,000	
								15									16	20	0	6580	6580	
								16									17	10	0	6140	6140	
								17									18	16	0	6360	6360	
								18									19	17	0	5670	5670	
4,533	14,923			19			8851	19	371	8469	8840			3795	22	349	20	7	349	4171	4520	
4,437	14,222			-11			9015	20	-204	7904	7700	69	3597	3666	-16	-257	21	11	-257	4107	3850	
4,183	13,822	11		-18	885	7802	8687	21	-1217	8577	7360	111	3607	3718	-80	-1248	22	16	-1248	4958	3710	
3,850	13,529	11	-10	-16	906	7855	8761	22	-1210	8440	7230	92	3565	3657	-78	-1224	23	20	-1224	5054	3830	
3,927	13,829	11	-11	-5	892	7944	8836	23	-985	8755	7770	99	3589	3688	-65	-1019	24	14	-1019	5779	4760	
4,264	14,625	11	-11	18	869	7845	8714	24	-526	9286	8760	98	3585	3683	-37	-587	25	12	-587	5967	5380	
3,966	14,327	11	-70	18	642	7805	8447	25	-358	9088	8730	118	3457	3575	-29	-447	26	12	-447	5827	5380	
3,647	14,027	11	-63	18	650	7731	8381	26	-340	8860	8520	120	3330	3450	-28	-432	27	43	-432	5192	4760	
3,446	13,326	11	-59	-6	622	7667	8289	27	-784	8144	7360	85	3482	3567	-52	-817	28	9	-817	4187	3370	
2,407	12,424	11	-50	1	608	7763	8371	28	-631	7101	6470	137	3496	3633	-46	-722	29	6	-722	3212	2490	
2,159	11,623	11	-45	-26	669	7737	8406	29	-1213	6683	5470	141	3378	3519	-81	-1273	30	6	-1273	2843	1570	
1,665	11,119	11	-42	-27	759	7827	8586	30	-1309	6029	4720	126	3399	3525	-86	-1349	31	6	-1349	2479	1130	
0,956	11,219	11	-40	13	848	7785	8633	31	-627	5317	4690	145	3476	3621	-46	-726	Aug. 1	11	-726	1796	1070	
0,464	10,922	11	-37	22	893	7730	8623	Aug. 1	-483	4863	4380	155	3504	3659	-38	-600	2	25	-600	1486	886	
0,025	10,620	11	-13	29	847	7740	8587	2	-283	4583	4300	164	3525	3689	-27	-420	3	14	-420	1234	814	
9934	11,123	11	77	58	800	7852	8652	3	419	4221	4640	124	3518	3642	18	277	4	18	277	843	1120	
0,334	11,328	11	116	49	983	7760	8743	4	89	4461	4550	135	3489	3624	-3	-43	5	18	-43	961	918	
0,438	9967	11	-12	-23	929	7672	8601	5	-1378	5018	3640	80	3052	3132	-88	-1370	6	11	-1370	2352	982	
9719	8660	11	-9	-52	776	7381	8157	6	-1781	4591	2810	72	2005	2077	-111	-1742	7	9	-1742	2708	966	
984	8449	10	1	-26	566	7487	8053	7	-1064	3924	2860	89	1800	1889	-69	-1084	8	14	-1084	2334	1250	
801	9344	10	-6	26	518	7563	8081	8	3	3637	3640	99	1709	1808	-6	-90	9	59	-90	2280	2190	
9170	10,620	10	-11	71	520	7639	8159	9	858	3862	4720	70	2154	2224	47	741	10	34	741	1279	2020	
9154	10.419	11	37	62	474	7504	7978	10	777	3743	4520	102	3027	3129	41	634	11	17	634	606	1240	
666	9659	10	45	48	390	7509	7899	11	610	3240	3850	132	3101	3233	29	449	12	13	449	233	682	
294	9169	10	44	43	422	7533	7955	12	464	2976	3440	125	3088	3213	20	319	13	21	209	181	390	
728	9129	10	29	69	456	7429	7885	13	915	2585	3500	89	3171	3260	50	776	14	18	107	178	285	
585	9805	9	30	109	707	7270	7977	14	1443	2427	3870	139	3299	3438	78	1226	15	23	261	183	444	
398	9695	9	-149	111	999	6808	7807	15	1047	2803	3850	156	3310	3466	53	838	16	23	401	183	584	
332	9804	9	-688	117	1122	6473	7695	16	554	3616	4170	97	3410	3507	27	430	17	20	594	180	774	
7432	9944	8	-683	119	984	6533	7517	17	734	3516	4250	116	3355	3471	37	581	18	26	684	186	870	
7340	9764	8	-693	115	839	6509	7348	18	775	3445	4220	122	3370	3492	39	614	19	26	628	186	814	
197	9338	8	-608	102	855	6420	7275	19	584	3386	3970	124	3310	3434	28	432	20	23	506	183	689	
014	9126	8	-524	101	939	6294	7233	20	556	3364	3920	124	3310	3434	26	406	21	20	546	180	726	
846	8997	8	-396	103	926	6094	7020	21	734	3216	3950	230	3214	3444	30	474	22	12	454	172	626	
643	8686	9	-242	99	932	6220	7152	22	779	3021	3800	347	2980	3327	26	406	23	17	327	177	504	
361	8170	9	-149	88	936	6170	7106	23	645	2925	3570	366	2961	3327	17	262	24	17	193	177	370	
923	8435	8	-9	123	940	6171	7111	24	1448	2192	3640	605	2691	3296	50	793	25	13	227	173	400	
149	8992	8	-44	138	1004	6238	7242	25	1665	2206	3870	841	2571	3412	49	775	26	17	381	177	558	
953	8552	9	-11	127	1007	6205	7212	26	1463	2157	3620	950	2367	3317	31	482	27	18	260	178	438	
799	8379	8	36	126	1046	6197	7243	27	1452	2048	3500	1205	1990	3195	15	232	28	15	150	175	325	
714	8479	8	78	135	1031	6199	7230	28	1685	1905	3590	1327	1946	3273	21	337	29	16	358	176	534	

TA AT AND BETWEEN SNAKE RIVER GAGIN

24 HOUR SECOND-FEET EXCEPT AS NOTED



SIONS BLACKFOOT	SHELLEY BLACKFOOT STORAGE LOSS	THEORETICAL BALANCE STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER AT CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY	DATE	A.M. FALLS RESERVOIR CONTENTS ACRE-FEET	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS ACRE-FEET	MINIDOKA			CANALS		SNAKE RIVER NEAR MINIDOKA	
TOTAL					STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL
			July 15	21	0	10,000	10,000	2721	July 16	1,719,170	0	12,200	12,200	94,250	1740	1280	3020	0	3020	0	8990
			16	20	0	6580	6580	2723	17	1,714,040	2497	9303	11,800	93,790	1750	1280	3030	304	2726	2113	6577
			17	10	0	6140	6140	2724	18	1,708,960	2836	8864	11,700	93,900	1750	1270	3020	294	2726	2462	6138
			18	16	0	6360	6360	2731	19	1,704,480	2609	9091	11,700	93,550	1760	1270	3030	304	2726	2085	6365
			19	17	0	5670	5670	2734	20	1,696,640	3496	8404	11,900	93,790	1760	1270	3030	626	2404	2390	6000
3795	22	349	20	7	349	4171	4520	2753	21	1,687,670	5076	6924	12,000	93,790	1760	1270	3030	1304	1726	3342	5198
3666	-16	-257	21	11	-257	4107	3850	2749	22	1,677,580	5144	6856	12,000	94,250	1760	1270	3030	1304	1726	3440	5130
3718	-80	-1248	22	16	-1248	4958	3710	2798	23	1,668,110	4144	7756	11,900	94,720	1720	1260	2980	1224	1756	2570	6000
3657	-78	-1224	23	20	-1224	5054	3830	2806	24	1,658,710	3840	7860	11,700	94,720	1670	1240	2910	1050	1860	2630	6000
3688	-65	-1019	24	14	-1019	5779	4760	2802	25	1,650,420	3019	8581	11,600	95,180	1650	1250	2900	319	2581	2540	6000
3683	-37	-587	25	12	-587	5967	5380	2802	26	1,643,780	2731	8769	11,500	94,370	1640	1260	2900	174	2726	2467	6043
3575	-29	-447	26	12	-447	5827	5380	2811	27	1,637,150	2962	8638	11,600	94,250	1640	1280	2920	282	2638	2510	6000
3450	-28	-432	27	43	-432	5192	4760	2832	28	1,626,650	3776	8024	11,800	93,790	1640	1290	2930	906	2024	2510	6000
3567	-52	-817	28	9	-817	4187	3370	2813	29	1,609,090	5000	7000	12,000	93,900	1650	1290	2940	1214	1726	3476	5274
3633	-46	-722	29	6	-722	3212	2490	2800	30	1,593,880	6088	6012	12,100	94,140	1650	1290	2940	1214	1726	4674	4286
3519	-81	-1273	30	6	-1273	2843	1570	2794	31	1,579,210	6463	5637	12,100	93,790	1650	1290	2940	1214	1726	5019	3911
3525	-86	-1349	31	6	-1349	2479	1130	2794	Aug. 1	1,563,990	6727	5273	12,000	94,020	1640	1270	2910	1184	1726	5263	3547
3621	-46	-726	Aug. 1	11	-726	1796	1070	2775	2	1,544,790	7429	4571	12,000	93,550	1650	1270	2920	1749	1171	5530	3400
3659	-38	-600	2	25	-600	1486	886	2777	3	1,532,010	7637	4263	11,900	94,250	1610	1280	2890	2027	863	5440	3400
3689	-27	-420	3	14	-420	1234	814	2782	4	1,517,110	7784	4016	11,800	94,490	1520	1250	2770	2154	616	5320	3400
3642	18	277	4	18	277	843	1120	2786	5	1,500,220	7971	3629	11,600	94,250	1500	1230	2730	2501	229	5110	3400
3624	-3	-43	5	18	-43	961	918	2785	6	1,486,080	7754	3746	11,500	94,840	1500	1220	2720	2374	346	5020	3400
3132	-88	-1370	6	11	-1370	2352	982	2779	7	1,470,370	6269	5131	11,400	94,250	1500	1210	2710	984	1726	5075	3405
2077	-111	-1742	7	9	-1742	2708	966	2881	8	1,455,730	5711	5589	11,300	94,140	1500	1170	2670	944	1726	4587	3863
1889	-69	-1084	8	14	-1084	2334	1250	2779	9	1,444,420	6087	5113	11,200	94,250	1500	1160	2660	947	1713	4990	3400
1808	-6	-90	9	59	-90	2280	2190	2783	10	1,432,080	6237	5063	11,300	94,490	1460	1160	2620	957	1663	4960	3400
2224	47	741	10	34	741	1279	2020	2782	11	1,415,620	7239	4061	11,300	94,140	1430	1160	2590	1929	661	5110	3400
3129	41	634	11	17	634	606	1240	2774	12	1,400,300	7920	3380	11,300	93,790	1430	1160	2590	2590	0	5160	3380
3233	29	449	12	13	449	233	682	2760	13	1,386,680	8307	2993	11,300	94,140	1450	1210	2660	2660	0	5517	2993
3213	20	319	13	21	209	181	390	2775	14	1,370,540	8444	2956	11,400	93,900	1480	1260	2740	2740	0	5554	2956
3260	50	776	14	18	107	178	285	2782	15	1,355,920	8440	2960	11,400	94,490	1480	1260	2740	2740	0	5550	2960
3438	78	1226	15	23	261	183	444	2780	16	1,339,070	8537	2963	11,500	94,250	1530	1260	2790	2790	0	5517	2963
3466	53	838	16	23	401	183	584	2777	17	1,323,720	8440	2960	11,400	94,140	1560	1270	2830	2830	0	5460	2960
3507	27	430	17	20	594	180	774	2779	18	1,307,390	8641	2959	11,600	93,790	1590	1280	2870	2870	0	5461	2959
3471	37	581	18	26	684	186	870	2782	19	1,292,260	9032	2968	12,000	94,020	1610	1250	2860	2860	0	5692	2968
3492	39	614	19	26	628	186	814	2792	20	1,276,190	8922	2978	11,900	94,490	1550	1220	2770	2770	0	5922	2978
3434	28	432	20	23	506	183	689	2800	21	1,259,630	8717	2983	11,700	94,250	1510	1220	2730	2730	0	5917	2983
3434	26	406	21	20	546	180	726	2792	22	1,240,880	8628	2972	11,600	93,320	1480	1220	2700	2700	0	5988	2972
3444	30	474	22	12	454	172	626	2790	23	1,226,970	8538	2962	11,500	93,900	1450	1220	2670	2670	0	5908	2962
3327	26	406	23	17	327	177	504	2793	24	1,210,670	8430	2970	11,400	93,090	1470	1240	2710	2710	0	5930	2970
3327	17	262	24	17	193	177	370	2795	25	1,191,800	8328	2972	11,300	92,270	1490	1260	2750	2750	0	5898	2972
3296	50	793	25	13	227	173	400	2795	26	1,179,080	8032	2968	11,000	91,810	1440	1270	2710	2710	0	5842	2968
3412	49	775	26	17	381	177	558	2788	27	1,164,010	7835	2965	10,800	90,180	1380	1270	2650	2650	0	5785	2965
3317	31	482	27	18	260	178	438	2791	28	1,150,600	7731	2969	10,700	89,130	1380	1270	2650	2650	0	5631	2969
3195	15	232	28	15	150	175	325	2793	29	1,135,380	7732	2968	10,700	87,270	1370	1240	2610	2610	0	5662	2968
3273	21	337	29	16	358	176	534	2787	30	1,121,550	8037	2963	11,000	85,870	1340	1260	2600	2600	0	5667	2963

AKE RIVER GAGING STATIONS 1943

E RIVER EELEY	LAKE WALCOTT CONTENTS ACRE-FEET	MINIDOKA			CANALS		SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	GOODING PROJECT			NORTH SIDE CANAL COMPANY						TWIN FAL CANAL COMP	
TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL	P. A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL
12,200	94,250	1740	1280	3020	0	3020	0	8990	8990	July 17	10.99	0	1550	1550	62	960	2630	3652	0	3652	0	3450
11,800	93,790	1750	1280	3030	304	2726	2113	6577	8690	18	10.99	1550	0	1550	62	960	2630	3652	525	3127	0	3450
11,700	93,900	1750	1270	3020	294	2726	2462	6138	8600	19	11.02	1550	0	1550	62	960	2630	3652	652	3000	342	3138
11,700	93,550	1760	1270	3030	304	2726	2085	6365	8450	20	10.96	1550	0	1550	61	960	2620	3641	641	3000	115	3365
11,900	93,790	1760	1270	3030	626	2404	2390	6000	8390	21	10.96	1590	0	1590	61	960	2610	3631	631	3000	480	3000
12,000	93,790	1760	1270	3030	1304	1726	3342	5198	8540	22	10.98	1640	0	1640	62	930	2630	3622	1424	2198	500	3000
12,000	94,250	1760	1270	3030	1304	1726	3440	5130	8570	23	11.05	1640	0	1640	62	910	2690	3662	1532	2130	560	3000
11,900	94,720	1720	1260	2980	1224	1756	2570	6000	8570	24	11.06	1630	0	1630	62	940	2710	3712	712	3000	580	3000
11,700	94,720	1670	1240	2910	1050	1860	2630	6000	8630	25	11.06	1620	0	1620	62	950	2700	3712	712	3000	570	3000
11,600	95,180	1650	1250	2900	319	2581	2540	6000	8540	26	10.99	1610	0	1610	62	940	2680	3682	682	3000	560	3000
11,500	94,370	1640	1260	2900	174	2726	2467	6043	8510	27	10.92	1600	0	1600	62	940	2690	3692	692	3000	507	3043
11,600	94,250	1640	1280	2920	282	2638	2510	6000	8510	28	10.82	1600	0	1600	62	930	2700	3692	692	3000	550	3000
11,800	93,790	1640	1290	2930	906	2024	2510	6000	8510	29	10.74	1600	0	1600	62	930	2690	3682	682	3000	560	3000
12,000	93,900	1650	1290	2940	1214	1726	3476	5274	8750	30	10.84	1610	0	1610	62	950	2700	3712	1438	2274	600	3000
12,100	94,140	1650	1290	2940	1214	1726	4674	4286	8960	31	10.97	1620	0	1620	62	960	2700	3722	2436	1286	660	3000
12,100	93,790	1650	1290	2940	1214	1726	5019	3911	8930	Aug. 1	11.04	1620	0	1620	62	960	2710	3732	2821	911	650	3000
12,000	94,020	1640	1270	2910	1184	1726	5263	3547	8810	2	10.98	1600	0	1600	62	940	2710	3712	3165	547	600	3000
12,000	93,550	1650	1270	2920	1749	1171	5530	3400	8930	3	11.20	1620	0	1620	62	960	2710	3732	3332	400	560	3000
11,900	94,250	1610	1280	2890	2027	863	5440	3400	8840	4	11.26	1620	0	1620	62	960	2710	3732	3332	400	560	3000
11,800	94,490	1520	1250	2770	2154	616	5320	3400	8720	5	11.18	1600	0	1600	62	940	2710	3712	3312	400	560	3000
11,600	94,250	1500	1230	2730	2501	229	5110	3400	8510	6	11.13	1600	0	1600	62	940	2700	3702	3302	400	560	3000
11,500	94,840	1500	1220	2720	2374	346	5020	3400	8420	7	11.04	1590	0	1590	62	940	2700	3702	3302	400	570	3000
11,400	94,250	1500	1210	2710	984	1726	5075	3405	8480	8	10.98	1590	0	1590	62	930	2690	3682	3277	405	590	3000
11,300	94,140	1500	1170	2670	944	1726	4587	3863	8450	9	10.96	1570	0	1570	62	930	2680	3672	2809	863	580	3000
11,200	94,250	1500	1160	2660	947	1713	4990	3400	8390	10	10.90	1550	0	1550	62	920	2660	3642	3242	400	570	3000
11,300	94,490	1460	1160	2620	957	1663	4960	3400	8360	11	10.82	1540	0	1540	62	910	2640	3612	3212	400	570	3000
11,300	94,140	1430	1160	2590	1929	661	5110	3400	8510	12	10.81	1540	0	1540	62	910	2650	3622	3222	400	580	3000
11,300	93,790	1430	1160	2590	2590	0	5160	3380	8540	13	10.85	1530	0	1530	62	910	2640	3612	3214	398	618	298
11,300	94,140	1450	1210	2660	2660	0	5517	2993	8510	14	10.85	1490	0	1490	61	910	2630	3601	3249	352	959	264
11,400	93,900	1480	1260	2740	2740	0	5554	2956	8510	15	10.90	1490	0	1490	61	920	2640	3621	3273	348	982	2608
11,400	94,490	1480	1260	2740	2740	0	5550	2960	8510	16	10.94	1490	0	1490	61	920	2640	3621	3273	348	998	261
11,500	94,250	1530	1260	2790	2790	0	5517	2963	8480	17	10.94	1470	0	1470	61	920	2650	3631	3282	349	996	261
11,400	94,140	1560	1270	2830	2830	0	5460	2960	8420	18	10.90	1450	0	1450	61	910	2640	3611	3263	348	998	261
11,600	93,790	1590	1280	2870	2870	0	5461	2959	8420	19	10.86	1450	0	1450	61	910	2640	3611	3263	348	999	261
12,000	94,020	1610	1250	2860	2860	0	5692	2968	8660	20	10.94	1430	0	1430	61	920	2700	3681	3332	349	991	261
11,900	94,490	1550	1220	2770	2770	0	5922	2978	8900	21	10.98	1410	0	1410	61	920	2720	3701	3350	351	983	262
11,700	94,250	1510	1220	2730	2730	0	5917	2983	8900	22	10.95	1410	0	1410	61	920	2710	3691	3340	351	978	263
11,600	93,320	1480	1220	2700	2700	0	5988	2972	8960	23	11.09	1410	0	1410	61	930	2710	3701	3351	350	998	262
11,500	93,900	1450	1220	2670	2670	0	5908	2962	8870	24	11.03	1410	0	1410	61	920	2690	3671	3322	349	997	261
11,400	93,090	1470	1240	2710	2710	0	5930	2970	8900	25	10.96	1410	0	1410	61	920	2690	3671	3321	350	1010	262
11,300	92,270	1490	1260	2750	2750	0	5898	2972	8870	26	11.06	1410	0	1410	61	930	2690	3681	3331	350	1008	262
11,000	91,810	1440	1270	2710	2710	0	5842	2968	8810	27	11.02	1400	0	1400	61	930	2680	3671	3322	349	1011	261
10,800	90,180	1380	1270	2650	2650	0	5785	2965	8750	28	10.98	1400	0	1400	61	930	2660	3651	3302	349	1014	261
10,700	89,130	1380	1270	2650	2650	0	5631	2969	8600	29	10.88	1390	0	1390	61	910	2610	3581	3232	349	960	262
10,700	87,270	1370	1240	2610	2610	0	5662	2968	8630	30	10.82	1330	0	1330	61	900	2660	3621	3272	349	971	261
11,000	85,870	1340	1260	2600	2600	0	5667	2963	8630	31	10.88	1310	0	1310	61	900	2670	3631	3282	349	956	261

AGING STATIONS 1943

PLATE NO. 12

SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE	GOODING PROJECT			NORTH SIDE CANAL COMPANY						TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
TORED	NORMAL	TOTAL		GAGE FEET	STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
0	8990	8990	July 17	10.99	0	1550	1550	62	960	2630	3652	0	3652	0	3450	3450	0	171	171	0	242	242
2113	6577	8690	18	10.99	1550	0	1550	62	960	2630	3652	525	3127	0	3450	3450	170	0	170	255	0	255
2462	6138	8600	19	11.02	1550	0	1550	62	960	2630	3652	652	3000	342	3138	3480	170	0	170	187	0	187
085	6365	8450	20	10.96	1550	0	1550	61	960	2620	3641	641	3000	115	3365	3480	170	0	170	18	0	18
390	6000	8390	21	10.96	1590	0	1590	61	960	2610	3631	631	3000	480	3000	3480	170	0	170	15	0	15
342	5198	8540	22	10.98	1640	0	1640	62	930	2630	3622	1424	2198	500	3000	3500	170	0	170	13	0	13
440	5130	8570	23	11.05	1640	0	1640	62	910	2690	3662	1532	2130	560	3000	3560	170	0	170	15	0	15
570	6000	8570	24	11.06	1630	0	1630	62	940	2710	3712	712	3000	580	3000	3580	170	0	170	13	0	13
630	6000	8630	25	11.06	1620	0	1620	62	950	2700	3712	712	3000	570	3000	3570	170	0	170	14	0	14
540	6000	8640	26	10.99	1610	0	1610	62	940	2680	3682	682	3000	560	3000	3560	170	0	170	13	0	13
467	6043	8510	27	10.92	1600	0	1600	62	940	2690	3692	692	3000	507	3043	3550	169	0	169	12	0	12
510	6000	8510	28	10.82	1600	0	1600	62	930	2700	3692	692	3000	550	3000	3550	169	0	169	12	0	12
510	6000	8510	29	10.74	1600	0	1600	62	930	2690	3682	682	3000	560	3000	3560	169	0	169	12	0	12
476	5274	8750	30	10.84	1610	0	1610	62	950	2700	3712	1438	2274	600	3000	3600	169	0	169	12	0	12
74	4286	8960	31	10.97	1620	0	1620	62	960	2700	3722	2436	1286	660	3000	3660	155	0	155	13	0	13
019	3911	8930	Aug. 1	11.04	1620	0	1620	62	960	2710	3732	2821	911	650	3000	3650	170	0	170	16	0	16
263	3547	8810	2	10.98	1600	0	1600	62	940	2710	3712	3165	547	600	3000	3600	166	0	166	17	0	17
530	3400	8930	3	11.20	1620	0	1620	62	960	2710	3732	3332	400	560	3000	3560	170	0	170	158	0	158
440	3400	8840	4	11.26	1620	0	1620	62	960	2710	3732	3332	400	560	3000	3560	168	0	168	185	0	185
20	3400	8720	5	11.18	1600	0	1600	62	940	2710	3712	3312	400	560	3000	3560	167	0	167	94	0	94
10	3400	8510	6	11.13	1600	0	1600	62	940	2700	3702	3302	400	560	3000	3560	167	0	167	31	0	31
20	3400	8420	7	11.04	1590	0	1590	62	940	2700	3702	3302	400	570	3000	3570	169	0	169	22	0	22
75	3405	8480	8	10.98	1590	0	1590	62	930	2690	3682	3277	405	590	3000	3590	169	0	169	19	0	19
87	3863	8450	9	10.96	1570	0	1570	62	930	2680	3672	2809	863	580	3000	3580	169	0	169	18	0	18
90	3400	8390	10	10.90	1550	0	1550	62	920	2660	3642	3242	400	570	3000	3570	169	0	169	16	0	16
60	3400	8360	11	10.82	1540	0	1540	62	910	2640	3612	3212	400	570	3000	3570	169	0	169	16	0	16
10	3400	8510	12	10.81	1540	0	1540	62	910	2650	3622	3222	400	580	3000	3580	168	0	168	16	0	16
60	3380	8540	13	10.85	1530	0	1530	62	910	2640	3612	3214	398	618	2982	3600	167	0	167	16	0	16
17	2993	8510	14	10.85	1490	0	1490	61	910	2630	3601	3249	352	959	2641	3600	167	0	167	15	0	15
54	2956	8510	15	10.90	1490	0	1490	61	920	2640	3621	3273	348	982	2608	3590	167	0	167	15	0	15
50	2960	8510	16	10.94	1490	0	1490	61	920	2640	3621	3273	348	998	2612	3610	167	0	167	17	0	17
17	2963	8480	17	10.94	1470	0	1470	61	920	2650	3631	3282	349	996	2614	3610	167	0	167	18	0	18
60	2960	8420	18	10.90	1450	0	1450	61	910	2640	3611	3263	348	998	2612	3610	167	0	167	14	0	14
61	2959	8420	19	10.86	1450	0	1450	61	910	2640	3611	3263	348	999	2611	3610	167	0	167	68	0	68
92	2968	8660	20	10.94	1430	0	1430	61	920	2700	3681	3332	349	991	2619	3610	169	0	169	336	0	336
22	2978	8900	21	10.98	1410	0	1410	61	920	2720	3701	3350	351	983	2627	3610	168	0	168	336	0	336
17	2983	8900	22	10.95	1410	0	1410	61	920	2710	3691	3340	351	978	2632	3610	166	0	166	328	0	328
88	2972	8960	23	11.09	1410	0	1410	61	930	2710	3701	3351	350	998	2622	3620	166	0	166	356	0	356
08	2962	8870	24	11.03	1410	0	1410	61	920	2690	3671	3322	349	997	2613	3610	169	0	169	365	0	365
30	2970	8900	25	10.96	1410	0	1410	61	920	2690	3671	3321	350	1010	2620	3630	170	0	170	345	0	345
98	2972	8870	26	11.06	1410	0	1410	61	930	2690	3681	3331	350	1008	2622	3630	167	0	167	345	0	345
42	2968	8810	27	11.02	1400	0	1400	61	930	2680	3671	3322	349	1011	2619	3630	167	0	167	342	0	342
85	2965	8750	28	10.98	1400	0	1400	61	930	2660	3651	3302	349	1014	2616	3630	168	0	168	342	0	342
31	2969	8600	29	10.88	1390	0	1390	61	910	2610	3581	3232	349	960	2620	3580	169	0	169	314	0	314
62	2968	8630	30	10.82	1330	0	1330	61	900	2660	3621	3272	349	971	2619	3590	169	0	169	314	0	314
67	2963	8630	31	10.88	1310	0	1310	61	900	2670	3631	3282	349	956	2614	3570	168	0	168	316	0	316

DAILY SEGREGATION OF DAT

DATE	JACKSON LAKE CONTENT ACRE-FEET	SNAKE RIVER AT MORAN STORED	SNAKE RIVER AT MORAN NORMAL	SNAKE RIVER AT MORAN TOTAL	MORAN TO HEISE STORED LOSS	MORAN TO HEISE STORED DIVSN.
Aug. 27	765,210	2940	1040	3980	74	4
28	759,480	2870	1040	3910	72	4
29	752,010	2820	1030	3850	70	4
30	748,280	2750	1030	3780	69	4
31	743,070	2545	995	3540	64	4
Sept. 1	738,370	2345	945	3290	59	
2	733,180	2220	930	3150	56	
3	729,970	2355	915	3270	59	
4	725,270	2180	900	3080	54	
5	720,820	1865	885	2750	47	
6	717,380	1495	885	2380	37	
7	714,440	1320	870	2190	33	
8	711,490	1425	855	2280	36	
9	708,050	1560	840	2400	39	
10	704,370	1609	831	2440	40	
11	701,920	1840	740	2580	46	
12	698,480	1910	720	2630	48	
13	694,570	1900	720	2620	48	
14	690,180	1925	715	2640	48	
15	687,250	2035	715	2750	51	
16	683,100	2225	715	2940	56	
17	678,720	2355	715	3070	59	
18	674,080	2335	715	3050	58	
19	668,990	2395	715	3110	60	
20	664,390	2415	715	3130	60	
21	659,300	2180	710	2890	54	
22	655,190	1800	710	2510	45	
23	653,490	1090	710	1800	27	
24	650,100	-34	709	675	-1	
25	649,620					
26	649,860					
27	650,100					
28	650,100					
29	650,340					
30	650,340					
Total		102,598			2565	108

DATE	HEISE & RILEY STORED	HEISE & RILEY NORMAL	HEISE & RILEY TOTAL	STORAGE INFLOW HEISE TO SHELLEY MARKET LAKE	STORAGE INFLOW HEISE TO SHELLEY HENRYS FK. NR. REXBURG	STORAGE LOSS HEISE TO SHELLEY
Aug. 28	2862	5688	8550	8	163	141
29	2794	5615	8409	8	151	137
30	2746	5563	8309	8	80	135
31	2677	5593	8270	8	27	131
Sept. 1	2477	5836	8313	8	21	121
2	2286	5586	7872	8	80	111
3	2164	5477	7641	8	11	106
4	2296	5376	7672	8	78	112
5	2126	5284	7410	8	145	103
6	1818	5371	7189	8	151	89
7	1458	5269	6727		91	71
8	1287	5119	6406		103	63
9	1389	4956	6345		118	68
10	1521	4914	6435		83	75
11	1569	4806	6375		24	76
12	1794	4721	6515		28	88
13	1862	4713	6575		66	91
14	1852	4693	6545		66	90
15	1877	4608	6485		71	93
16	1984	4532	6516		80	97
17	2169	4527	6696		83	106
18	2296	4490	6786		73	113
19	2277	4509	6786		80	111
20	2335	4511	6846		58	114
21	2355	4582	6937		85	116
22	2126	4720	6846		24	103
23	1755	4760	6515		38	86
24	1063	5029	6092		25	53
25	-33	5064	5031		25	-1
26					17	1
27					364	2
28					365	2
	99,925			464	-1318	4871

DIVERSIONS HEISE TO SHELLEY STORED	DIVERSIONS HEISE TO SHELLEY NORMAL	DIVERSIONS HEISE TO SHELLEY TOTAL	DATE	SNAKE RIVER NEAR SHELLEY STORED	SNAKE RIVER NEAR SHELLEY NORMAL	SNAKE RIVER NEAR SHELLEY TOTAL	DIVERSION SHELLEY TO BLA STORED	DIVERSION SHELLEY TO BLA NORMAL
1010	6211	7221	Aug. 29	1882	1918	3800	1270	[illegible]
959	6079	7038	30	1857	1853	3710	1270	1830
887	6199	7086	31	1812	1738	3650	1314	1945
781	6124	6905	Sept. 1	1800	1980	3780	1150	2089
762	6113	6875	2	1623	2277	3900	1152	2164
785	6007	6792	3	1478	2352	3830	925	2277
756	5951	6707	4	1321	2579	3900	737	2408
721	5942	6663	5	1549	2671	4220	448	2759
640	5722	6362	6	1536	2584	4120	265	2917
619	5736	6355	7	1269	2601	3870	381	2754
593	5578	6171	8	885	2685	3570	404	2678
556	5541	6097	9	771	2669	3440	521	2448
565	5559	6124	10	874	2476	3350	648	2322
549	5579	6128	11	980	2350	3330	650	2332
535	5534	6069	12	982	2288	3270	848	2087
536	5550	6086	13	1198	2202	3400	832	2123
545	5595	6140	14	1292	2058	3350	1082	[illegible]
527	5596	6123	15	1301	1949	3250	1082	[illegible]
525	5556	6081	16	1330	1820	3150	1056	[illegible]
551	5556	6107	17	1416	1594	3010	1238	[illegible]
543	5689	6232	18	1603	1547	3150	1215	[illegible]
559	5647	6206	19	1697	1633	3330	1052	[illegible]
519	5521	6040	20	1727	1693	3420	1085	[illegible]
525	5365	5890	21	1754	1836	3590	994	[illegible]
519	5273	5792	22	1805	1925	3730	581	[illegible]
523	5178	5701	23	1524	2136	3660	581	[illegible]
486	5078	5564	24	1221	2219	3440	581	[illegible]
448	4916	5364	25	587	2603	3190	581	[illegible]
374	4701	5075	26	-381	3141	2760	0	[illegible]
0	4840	4840	27	16	2454	2470		
			28	362	2198	2560		
			29	363	2337	2700		
49,089				45,111			33,469	

ILY SEGREGATION OF DATA AT AND BETWE

24 HOUR SECOND

& RILEY	STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY			DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACKFOOT			SHELLEY BLACKFOOT STORAGE LOSS	THEORETICAL BALANCE STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER AT CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY
TOTAL	MARKET LAKE	HENRYS FK. NR. REXBURG		STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	
8550	8	163	141	1010	6211	7221	Aug. 29	1882	1918	3800	1270	1866	3136	37	575	Aug. 30	15	615	175	790	2784
8409	8	151	137	959	6079	7038	30	1857	1853	3710	1270	1830	3100	35	552	31	18	427	178	605	2795
8309	8	80	135	887	6199	7086	31	1812	1738	3550	1314	1945	3259	30	468	Sept. 1	22	382	182	564	2795
8270	8	27	131	781	6124	6905	Sept. 1	1800	1980	3780	1150	2089	3239	39	611	2	29	529	189	718	2785
8313	8	21	121	762	6113	6875	2	1623	2277	3900	1152	2164	3316	28	443	3	24	646	184	830	2781
7872	8	80	111	785	6007	6792	3	1478	2352	3830	925	2277	3202	33	520	4	28	570	188	758	2788
7641	8	11	106	756	5951	6707	4	1321	2579	3900	737	2408	3145	35	549	5	27	811	187	998	2795
7672	8	78	112	721	5942	6663	5	1549	2671	4220	448	2759	3207	66	1035	6	27	903	187	1090	2795
7410	8	145	103	640	5722	6362	6	1536	2584	4120	265	2917	3182	76	1195	7	28	872	188	1060	2799
7189	8	151	89	619	5736	6355	7	1269	2601	3870	381	2754	3135	53	835	8	17	677	177	854	2799
6727		91	71	593	5578	6171	8	885	2685	3570	404	2678	3082	29	452	9	18	504	178	682	2798
6406		103	63	556	5541	6097	9	771	2669	3440	521	2448	2969	15	235	10	72	408	232	640	2798
6345		118	68	565	5559	6124	10	874	2476	3350	648	2322	2970	14	212	11	17	322	177	499	2791
6435		83	75	549	5579	6128	11	980	2350	3330	650	2339	2989	20	310	12	14	281	174	455	2790
6375		24	76	535	5534	6069	12	982	2288	3270	848	2087	2935	8	126	13	17	317	177	494	2789
6515		28	88	536	5550	6086	13	1198	2202	3400	832	2123	2955	22	344	14	54	344	214	558	2791
6575		66	91	545	5595	6140	14	1292	2058	3350	1082	1871	2953	13	197	15	15	247	175	422	2791
6545		66	90	527	5596	6123	15	1301	1949	3250	1082	1937	3019	13	206	16	12	193	172	365	2791
6485		71	93	525	5556	6081	16	1330	1820	3150	1056	1901	2957	16	258	17	12	173	172	345	2791
6516		80	97	551	5556	6107	17	1416	1594	3010	1238	1625	2863	11	167	18	10	150	170	320	2789
6696		83	106	543	5689	6232	18	1603	1547	3150	1215	1689	2904	23	365	19	12	272	172	444	2787
6786		73	113	559	5647	6206	19	1697	1633	3330	1052	1821	2873	39	606	20	15	423	175	598	2780
6786		80	111	519	5521	6040	20	1727	1693	3420	1085	1849	2934	39	603	21	18	596	178	774	2783
6846		58	114	525	5365	5890	21	1754	1836	3590	994	1858	2852	46	714	22	28	942	188	1130	2782
6937		85	116	519	5273	5792	22	1805	1925	3730	581	2113	2694	73	1151	23	43	1077	203	1280	2778
6846		24	103	523	5178	5701	23	1524	2136	3660	581	2037	2618	57	886	24	122	988	282	1270	2796
6515		38	86	486	5078	5564	24	1221	2219	3440	581	2045	2626	38	602	25	150	840	310	1150	2790
6092		25	53	448	4916	5364	25	587	2603	3190	581	2001	2582	0	6	26	180	840	340	1180	2795
5031		25	-1	374	4701	5075	26	-381	3141	2760	0	1862	1862	-23	-358	27	193	1297	193	1490	2806
		17	1	0	4840	4840	27	16	2454	2470				1	15	28	229	331	1229	1560	2798
		364	2				28	362	2198	2560				22	340	29	274	340	1450	1790	2783
		365	2				29	363	2337	2700				22	341	30	200	341	1609	1950	2787
	464	-1318	4871	49,089				45,111			33,469			698	10,944			10,944			

AND BETWEEN SNAKE RIVER GAGING S

24 HOUR SECOND-FEET EXCEPT AS NOTED

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	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET
		STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL		
Aug 30	15	615	175	790	2784	Aug. 31	1,106,090	8241	2959	11,200	85,870	1310	1240	2550	2550	0	5611	2959	8570	Sept. 1	10.92
31	18	427	178	605	2795	Sept. 1	1,093,470	7927	2973	10,900	85,980	1300	1210	2510	2510	0	5417	2973	8390	2	10.84
Sept 1	22	382	182	564	2795	2	1,076,780	7823	2977	10,800	86,050	1220	1180	2400	2400	0	5373	2977	8350	3	10.99
2	29	529	189	718	2785	3	1,065,190	7626	2974	10,600	86,100	1180	1190	2370	2370	0	5236	2974	8210	4	10.98
3	24	646	184	830	2781	4	1,050,660	7336	2965	10,300	85,400	1160	1120	2280	2280	0	5005	2965	7970	5	10.75
4	28	570	188	758	2788	5	1,038,780	6844	2976	9820	85,050	1040	1020	2060	2060	0	4814	2976	7790	6	10.91
5	27	811	187	998	2795	6	1,029,090	6498	2982	9480	85,290	1000	1020	2020	2020	0	4638	2982	7620	7	10.84
6	27	903	187	1090	2795	7	1,019,580	6038	2982	9020	84,590	997	1030	2027	2027	0	4428	2982	7410	8	10.84
7	28	872	188	1060	2799	8	1,011,000	5573	2987	8560	83,310	990	1010	2000	2000	0	4053	2987	7040	9	10.87
8	17	677	177	854	2799	9	1,000,700	5424	2976	8400	81,620	981	952	1933	1933	0	4044	2976	7020	10	10.36
9	18	504	178	682	2798	10	991,680	5544	2976	8520	80,270	1010	901	1911	1911	0	4064	2976	7040	11	10.21
10	72	408	232	640	2798	11	982,280	5780	3030	8810	79,480	1020	881	1901	1901	0	4180	3030	7210	12	10.16
11	17	322	177	499	2791	12	970,590	5922	2968	8890	77,680	1030	881	1911	1911	0	4362	2968	7330	13	10.24
12	14	281	174	455	2790	13	960,160	5726	2964	8690	76,580	1030	869	1899	1899	0	4366	2964	7330	14	10.33
13	17	317	177	494	2789	14	949,730	5434	2966	8400	74,970	1010	875	1885	1885	0	4216	2966	7180	15	10.46
14	54	344	214	558	2791	15	940,990	5115	3005	8120	73,840	967	886	1853	1853	0	3985	3005	6990	16	10.50
15	15	247	175	422	2791	16	932,900	4754	2966	7720	72,260	967	881	1848	1848	0	3824	2966	6790	17	10.50
16	12	193	172	365	2791	17	924,820	4157	2963	7120	69,630	933	793	1726	1726	0	3607	2963	6570	18	10.39
17	12	173	172	345	2791	18	912,680	4037	2963	7000	66,000	884	741	1625	1582	43	3520	2920	6440	19	10.44
18	10	150	170	320	2789	19	909,450	3841	2959	6800	64,800	855	671	1526	1437	89	3440	2870	6310	20	10.44
19	12	272	172	444	2787	20	901,760	3641	2959	6600	62,600	820	567	1387	1248	139	3460	2820	6280	21	10.49
20	15	423	175	598	2780	21	896,480	3605	2955	6560	60,310	766	550	1316	1061	255	3550	2700	6250	22	10.52
21	18	596	178	774	2783	22	891,560	3359	2961	6320	59,130	766	638	1404	853	551	3540	2410	5950	23	10.66
22	28	942	188	1130	2782	23	888,420	3000	2970	5970	57,620	766	648	1414	674	740	3410	2230	5640	24	10.76
23	43	1077	203	1280	2778	24	886,060	2239	2981	5220	55,900	758	618	1376	495	881	3200	2100	5300	25	10.84
24	122	988	282	1270	2796	25	884,890	982	3078	4060	53,540	748	567	1315	317	998	2530	2080	4610	26	10.65
25	150	840	310	1150	2790	26	884,890	530	3100	3630	51,170	744	483	1227	147	1080	1640	2020	3660	27	10.60
26	180	840	340	1180	2795	27	886,850	305	3135	3440	49,260	738	450	1188	0	1188	1583	1947	3530	28	10.52
27	193	1297	193	1490	2806	28	888,810	-289	2999	2710	46,920	734	441	1175	66	1109	1140	1890	3030	29	10.26
28	229	331	1229	1560	2798	29	892,340			2320	44,820	742	447	1189	0	1189	-401	2691	2290	30	10.20
29	274	340	1450	1790	2783	30	897,950			2320	42,710	740	458	1198	0	1198	-360	2650	2290		
30	200	341	1609	1950	2787																
		10,944						432,228							126,077		320,167				

E RIVER GAGING STATIONS 1943

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MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	GOODING PROJECT			NORTH SIDE CANAL COMPANY						TWIN FALLS CANAL COMPANY			MILNER LOW LI		
NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL	P. A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTA
1310	1240	2550	2550	0	5611	2959	8570	Sept. 1	10.92	1290	0	1290	61	900	2640	3601	3253	348	899	2611	3510	168	0	16
1300	1210	2510	2510	0	5417	2973	8390	2	10.84	1220	0	1220	61	900	2620	3581	3231	350	897	2623	3520	168	0	16
1220	1180	2400	2400	0	5353	2977	8330	3	10.99	1220	0	1220	61	900	2620	3581	3230	351	844	2626	3470	168	0	1
1180	1190	2370	2370	0	5236	2974	8210	4	10.98	1220	0	1220	61	900	2590	3551	3201	350	746	2624	3370	168	0	1
1160	1120	2280	2280	0	5005	2965	7970	5	10.75	1160	0	1160	61	900	2530	3491	3142	349	614	2616	3230	168	0	1
1040	1020	2060	2060	0	4814	2976	7790	6	10.91	1140	0	1140	61	900	2540	3501	3150	351	635	2625	3260	168	0	1
1000	1020	2020	2020	0	4638	2982	7620	7	10.84	1140	0	1140	61	900	2510	3471	3120	351	629	2631	3260	168	0	1
997	1030	2027	2027	0	4428	2982	7410	8	10.84	1140	0	1140	61	900	2470	3431	3080	351	489	2631	3120	168	0	1
990	1010	2000	2000	0	4053	2987	7040	9	10.57	1130	0	1130	60	870	2420	3350	2998	352	365	2635	3000	168	0	1
981	952	1933	1933	0	4044	2976	7020	10	10.35	1120	0	1120	60	850	2390	3300	2950	350	344	2626	2970	168	0	1
1010	901	1911	1911	0	4064	2976	7040	11	10.21	1120	0	1120	60	840	2370	3270	2920	350	344	2626	2970	168	0	1
1020	881	1901	1901	0	4180	3030	7210	12	10.16	1110	0	1110	60	830	2380	3270	2914	356	296	2674	2970	168	0	1
1030	881	1911	1911	0	4362	2968	7330	13	10.24	1020	0	1020	60	850	2360	3270	2921	349	361	2619	2980	156	0	
1030	869	1899	1899	0	4366	2964	7330	14	10.33	960	0	960	60	840	2280	3180	2831	349	305	2615	2920	147	0	
1010	875	1885	1885	0	4214	2966	7180	15	10.46	970	0	970	60	840	2280	3180	2831	349	243	2617	2860	147	0	
967	886	1853	1853	0	3985	3005	6990	16	10.50	970	0	970	60	840	2230	3130	2777	353	88	2652	2740	147	0	
967	881	1848	1848	0	3824	2966	6790	17	10.50	930	0	930	60	840	2140	3040	2691	349	73	2617	2690	147	0	
933	793	1726	1726	0	3607	2963	6570	18	10.39	900	0	900	60	830	2120	3010	2627	383	0	2580	2580	147	0	
884	741	1625	1582	43	3520	2920	6440	19	10.44	900	0	900	60	840	2110	3010	2610	400	0	2520	2520	147	0	
855	671	1526	1437	89	3440	2870	6310	20	10.44	900	0	900	58	840	2030	2928	2528	400	0	2470	2470	131	0	
820	567	1387	1248	139	3460	2820	6280	21	10.43	900	0	900	52	840	1970	2862	2462	400	0	2420	2420	119	0	
766	550	1316	1061	255	3550	2700	6250	22	10.52	890	0	890	52	840	1910	2802	2402	400	0	2300	2300	119	0	
766	638	1404	853	551	3540	2410	5950	23	10.66	860	0	860	52	850	1850	2752	2352	400	0	2010	2010	107	0	
766	648	1414	674	740	3410	2230	5640	24	10.76	860	0	860	52	850	1840	2742	2342	400	0	1830	1830	102	0	
758	618	1376	495	881	3200	2100	5300	25	10.84	860	0	860	26	850	1760	2636	2236	400	0	1700	1700	102	0	
748	567	1315	317	998	2530	2080	4610	26	10.65	860	0	860	0	840	559	1399	999	400	0	1680	1680	102	0	
744	483	1227	147	1080	1640	2020	3660	27	10.60	860	0	860	0	830	433	1263	863	400	0	1620	1620	102	0	
738	450	1188	0	1188	1583	1947	3530	28	10.52	860	0	860	0	820	325	1145	728	417	0	1530	1530	88	0	
734	441	1175	66	1109	1140	1890	3030	29	10.26	290	0	290	0	270	820	1090	690	400	0	1490	1490	81	0	
742	447	1189	0	1189	-401	2691	2290	30	10.20	0	0	0	0	0	1120	1120	0	1120	0	1490	1490	0	81	
740	458	1198	0	1198	-340	2630	2290																	
			126,077		320,167					97,340							188,432		40,133			11,674		

GAGING STATIONS 1943

PLATE NO. 13

AKE RIVER R 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
2959	8570	Sept. 1	10.92	1290	0	1290	61	900	2640	3601	3253	348	899	2611	3510	168	0	168	316	0	316
2973	8390	2	10.84	1220	0	1220	61	900	2620	3581	3231	350	897	2623	3520	168	0	168	319	0	319
2977	8330	3	10.99	1220	0	1220	61	900	2620	3581	3230	351	844	2626	3470	168	0	168	319	0	319
2974	8210	4	10.98	1220	0	1220	61	900	2590	3551	3201	350	746	2624	3370	168	0	168	319	0	319
2965	7970	5	10.75	1160	0	1160	61	900	2530	3491	3142	349	614	2616	3230	168	0	168	316	0	316
2976	7790	6	10.91	1140	0	1140	61	900	2540	3501	3150	351	635	2625	3260	168	0	168	319	0	319
2982	7620	7	10.84	1140	0	1140	61	900	2510	3471	3120	351	629	2631	3260	168	0	168	319	0	319
2982	7410	8	10.84	1140	0	1140	61	900	2470	3431	3080	351	489	2631	3120	168	0	168	319	0	319
2987	7040	9	10.57	1130	0	1130	60	870	2420	3350	2998	352	365	2635	3000	168	0	168	426	0	426
2976	7020	10	10.35	1120	0	1120	60	850	2390	3300	2950	350	344	2626	2970	168	0	168	459	0	459
2976	7040	11	10.21	1120	0	1120	60	840	2370	3270	2920	350	344	2626	2970	168	0	168	459	0	459
3030	7210	12	10.16	1110	0	1110	60	830	2380	3270	2914	356	296	2674	2970	168	0	168	459	0	459
968	7330	13	10.24	1020	0	1020	60	850	2360	3270	2921	349	361	2619	2980	156	0	156	459	0	459
964	7330	14	10.33	960	0	960	60	840	2280	3180	2831	349	305	2615	2920	147	0	147	459	0	459
966	7180	15	10.46	970	0	970	60	840	2280	3180	2831	349	243	2617	2860	147	0	147	462	0	462
005	6990	16	10.50	970	0	970	60	840	2230	3130	2777	353	88	2652	2740	147	0	147	470	0	470
966	6790	17	10.50	930	0	930	60	840	2140	3040	2691	349	73	2617	2690	147	0	147	476	0	476
963	6570	18	10.39	900	0	900	60	830	2120	3010	2627	383	0	2580	2580	147	0	147	480	0	480
920	6440	19	10.44	900	0	900	60	840	2110	3010	2610	400	0	2520	2520	147	0	147	480	0	480
870	6310	20	10.44	900	0	900	58	840	2030	2928	2528	400	0	2470	2470	131	0	131	480	0	480
820	6280	21	10.43	900	0	900	52	840	1970	2862	2462	400	0	2420	2420	119	0	119	480	0	480
700	6250	22	10.52	890	0	890	52	840	1910	2802	2402	400	0	2300	2300	119	0	119	484	0	484
410	5950	23	10.66	860	0	860	52	850	1850	2752	2352	400	0	2010	2010	107	0	107	487	0	487
230	5640	24	10.76	860	0	860	52	850	1840	2742	2342	400	0	1830	1830	102	0	102	487	0	487
100	5300	25	10.84	860	0	860	26	850	1760	2636	2236	400	0	1700	1700	102	0	102	487	0	487
080	4610	26	10.65	860	0	860	0	840	559	1399	999	400	0	1680	1680	102	0	102	487	0	487
020	3660	27	10.60	860	0	860	0	830	433	1263	863	400	0	1620	1620	102	0	102	487	0	487
947	3530	28	10.52	860	0	860	0	820	325	1145	728	417	0	1530	1530	88	0	88	487	0	487
90	3030	29	10.26	290	0	290	0	270	820	1090	690	400	0	1490	1490	81	0	81	480	0	480
91	2290	30	10.20	0	0	0	0	0	1120	1120	0	1120	0	1490	1490	0	81	81	476	0	476
30	2290																				
				97340							188,432		40,133			11,674			18,371		

DAILY STORAGE D

24 HOU

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	19	20
	1																																			
SWAN VALLEY USERS	2																																			
	3																																			
RILEY	4																1	1	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
PROGRESSIVE IRRIGATION DISTRICT	5					5	5	1	3	3	2	0						0	4	0								0	25	25	24	24	14	18	16	17
FARMERS FRIEND	6			0	254	263	284	284	283	282	281	231	231	277	277	275	278	281	284	259	210	86	82	78	87	79	121	147	172	64	81	33	32	76	76	54
ENTERPRISE	7			0	41	41	41	41	0	0	0	0	48	48	48	48	50	53	57	59	57	57	42	41	39	37	35	33	26	0						
HARRISON	8																												0	49	123	160	13	0	116	116
RUDY	9			0	5	18	5	5	5	5	3	3	3	0	0	0	0	5	8	11	13	13	14	13	0	0	8	21	31	18	0					
BURGESS	10			0	17	36	35	35	26	20	15	21	17	32	32	35	35	28	58	62	59	52	55	58	56	63	59	61	83	83	85	69	64	65	70	76
LOWDER	11				151	108	108	37	37	33	6	0	6	47	46	81	81	50	55	46	94	94	91	68	2	0	0	0	0	0	122	83	62	74	109	70
SUNNYDELL	12																																			
LENROOT	13																											0	26	23	25	23	8	15	12	[illegible]
REID	14																												57	57	68	56	73	68	81	[illegible]
MISCELLANEOUS DIVERSIONS	15	FISHER, CHENEY, WHITE, BROWN																																		
RIGBY	16												0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DILTS	17																						0	2	2	1	0									
BUTTE & MARKET LAKE	18																																			
OSGOOD	19																											0	91	93	94	89	91	91	91	[illegible]
BEAR ISLAND	20																													3	0	0	3	0	3	
SMITH	21				0	1	1	1	0	0	1	1	0	0	1	1	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	1	1	
KENNEDY	22				17	13	21	22	24	20	17	10	8	9	15	20	16	16	17	15	12	0	0	12	12	8	9	6	9	10	11	13	11	9	0	
IDAHO	23				170	190	160	230	90	130	130	200	200	170	240	230	200	190	220	220	120	60	70	100	130	60	60	60	50	50	0					
MARTIN	24				14	14	14	14	14	14	14	14	14	14	14	14	14	14	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	[illegible]
NEW SWEDEN IRRIGATION DISTRICT	25				216	217	218	199	160	143	152	127	141	160	173	187	172	162	167	145	119	126	127	111	110	105	94	93	102	106	95	91	87	68	56	[illegible]
KELLAR	26									0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	
WOODVILLE	27																												0	383	369	308	346	335	273	[illegible]
SNAKE RIVER VALLEY	28																	0	77	75	55	41	0													
	29																																			
TOTAL HEISE TO SHELLEY	30			0	885	906	892	869	642	650	622	608	669	759	848	893	847	800	983	929	776	566	518	520	474	390	422	456	707	999	1122	984	839	855	939	[illegible]
	31																																			
BLACKFOOT	32				0	15	0				0	10	25	33	18	26	32	24	0																	
PEOPLES	33				49	66	62	69	68	78	80	45	82	78	78	89	93	100	74	85	80	72	89	99	70	82	82	85	89	89	106	57	76	72	74	
ABERDEEN	34				20	30	30	30	30	40	40	30	30	30	30	30	30	40	50	50	0	0	0	0	0	20	50	40	0	50	50	40	40	50	50	
CORBETT	35																																			
TREGO	36																																			
	37																																			
TOTAL SHELLEY TO BLACKFOOT	38			0	69	111	92	99	98	118	120	85	137	141	126	145	155	164	124	135	80	72	89	99	70	102	132	125	89	139	156	97	116	122	124	
	39																																			
MINIDOKA PROJECT	40	304	294	304	626	1304	1304	1224	1050	319	174	282	906	1214	1214	1214	1184	1749	2027	2154	2501	2374	984	944	947	957	1929	2590	2660	2740	2740	2790	2830	2870	2860	
MILNER LOW LIFT	41	0	170	170	170	170	170	170	170	170	170	169	169	169	169	155	170	166	170	168	167	167	169	169	169	169	169	168	167	167	167	167	167	167	167	
TWIN FALLS CANAL COMPANY	42	0	0	342	115	480	500	560	580	570	560	507	550	560	600	660	650	600	560	560	560	560	570	590	580	570	570	580	618	959	982	998	996	998	[illegible]	
NORTH SIDE PROJECT	43	0	525	652	641	631	1424	1532	712	712	682	692	692	682	1438	2436	2821	3165	3332	3332	3312	3302	3302	3277	2809	3242	3212	3222	3214	3249	3273	3273	3282	3263	[illegible]	
GOODING PROJECT	44	0	1550	1550	1550	1590	1640	1640	1630	1620	1610	1600	1600	1600	1610	1620	1620	1600	1620	1620	1600	1600	1590	1590	1570	1550	1540	1540	1530	1490	1490	1490	1470	1450	[illegible]	
IDAHO POWER COMPANY	45																																			

DAILY STORAGE DIVERSIONS—MAIN RIVE

24 HOUR SECOND-FEET EXCEPT AS NOTED

		AUGUST																																								
30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10
		1	1	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4										
			0	4	0								0	25	25	24	24	14	18	16	17	16	10	5	12	12	9	9	10	9	9	10	13	12	11	12	10	9	7	6	5	5
77	275	278	281	284	259	210	86	82	78	87	79	121	147	172	64	81	33	32	76	76	54	48	52	52	48	49	55	58	0													
48	48	50	53	57	59	57	57	42	41	39	37	35	33	26	0																											
														0	49	123	160	13	0	116	116	116	116	116	116	116	116	116	116	116	82	81	84	99	97	98	96	95	90	88	86	88
0	0	0	5	8	11	13	13	14	13	0	0	8	21	31	18	0																										
32	35	35	28	58	62	59	52	55	58	56	63	59	61	83	83	85	69	64	65	70	76	70	70	71	85	83	83	84	88	70	62	62	50	47	39	30	26	25	34	18	13	1
46	81	81	50	55	46	94	94	91	68	2	0	0	0	0	0	122	83	62	74	109	70	66	62	70	79	66	105	105	105	79	74	14	14	14	19	23	6	6	0	0	10	10
													0	26	23	25	23	8	15	12	11	7	3	4	12	8	20	0	19	19	19	19	14	11	7	0	0					
														57	57	58	56	73	68	81	78	69	70	73	72	73	70	70	72	71	74	75	59	57	55	53	46	38	36	7	31	31
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0				
								0	2	2	1	0																														
													0	91	93	94	89	91	91	91	93	93	92	93	92	94	92	92	92	91	90	92	90	90	90	90	90	91	85	90	87	90
															3	0	0	3	0	3	3	3	0	3	3	3	3	3	3	0	0	3	3	2	3	3	0	0	0	0	0	2
1	1	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	1	1	0	0	0	0	1	1	0	1	1	0	0	0	0
5	20	16	16	17	15	12	0	0	12	12	8	9	6	9	10	11	13	11	9	0	4	5	7	9	8	8	9	8	7	5	5	1	2	2	3	2	0					
0	230	200	190	220	220	120	60	70	100	130	60	60	60	50	50	0																										
4	14	14	14	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	29	29	29	29	29
3	187	172	162	167	145	119	126	127	111	110	105	94	93	102	106	95	91	87	68	56	66	73	69	68	69	64	56	63	77	76	73	61	66	79	77	81	61	56	47	40	37	40
1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0
			0	77	75	55	41	0						0	383	369	308	346	335	273	301	329	348	340	371	395	391	385	383	387	363	327	331	335	318	293	268	268	264	277	266	253
3	893	841	800	983	929	776	566	518	520	474	390	422	456	707	999	1122	984	839	855	939	926	932	936	940	1004	1007	1046	1031	1010	959	887	781	762	785	756	721	640	619	593	556	565	549
	26	32	24	0																																						
	89	93	100	74	85	80	72	89	99	70	82	82	85	89	89	106	57	76	72	74	74	55	47	76	55	51	45	40	47	0	0	44	45	47	80	57	68	20	11	34	26	28
0	30	30	40	50	50	0	0	0	0	0	20	50	40	0	50	50	40	40	50	50	50	175	300	290	550	790	905	1165	1280	1270	1270	1270	1105	1105	845	680	380	245	370	370	495	620
	145	155	164	124	135	80	72	89	99	70	102	132	125	89	139	156	97	116	122	124	124	230	347	366	605	841	950	1205	1327	1270	1270	1314	1150	1152	925	737	448	265	381	404	521	648
	1214	1184	1749	2027	2154	2501	2374	984	944	947	957	1929	2590	2660	2740	2740	2790	2830	2870	2860	2770	2730	2700	2670	2710	2750	2710	2650	2650	2610	2600	2550	2510	2400	2370	2280	2060	2020	2027	2000	1933	1911
	155	170	166	170	168	167	167	169	169	169	169	169	168	167	167	167	167	167	167	167	169	168	166	166	169	170	167	167	168	169	169	168	168	168	168	168	168	168	168	168	168	168
	660	650	600	560	560	560	560	570	590	580	570	570	580	618	959	982	998	996	998	999	991	983	978	998	997	1010	1008	1011	1014	960	971	956	899	897	844	746	614	635	629	489	365	344
	2436	2821	3165	3332	3332	3312	3302	3302	3277	2809	3242	3212	3222	3214	3249	3273	3273	3282	3263	3263	3332	3350	3340	3351	3322	3321	3331	3322	3302	3232	3272	3282	3253	3231	3230	3201	3142	3150	3120	3080	2998	2950
	1620	1620	1600	1620	1620	1600	1600	1590	1590	1570	1550	1540	1540	1530	1490	1490	1490	1470	1450	1450	1430	1410	1410	1410	1410	1410	1410	1400	1400	1390	1330	1310	1290	1220	1220	1220	1160	1140	1140	1140	1130	1120
																					336	336	328	356	365	345	345	342	342	314	314	316	316	319	319	319	316	319	319	319	426	459

RSIONS —MAIN RIVER—1943

-FEET EXCEPT AS NOTED

						SEPTEMBER																														NO.	TOTAL SEC-FT.	TOTAL ACRE-FT.	JACKSON LAKE EQUI ACRE-FT.
26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
																																				1			
4	4	4	4	4	4																															2	108	214	230
																																				3			
9	9	10	9	9	10	13	12	11	12	10	9	7	6	5	5	5	5	5	5	5	6	6	6	6	6	7	6	5	2	1	0					4	463	918	990
55	58	0																																		5	6164	12,226	13,184
																																				6	942	1868	2014
116	116	116	116	82	81	84	99	97	98	96	95	90	88	86	88	86	88	86	86	85	115	96	96	103	71	73	113	107	99	73	0					7	4082	8097	8732
																																				8	207	411	443
83	84	88	70	62	62	50	47	39	30	26	25	34	18	13	1	15	14	22	21	20	24	25	5	10	24	13	11	3	0							9	2880	5712	6159
105	105	105	79	74	14	14	14	19	23	6	6	0	0	10	10	6	6	0	0	0	0	0	40	19	37	36	36	19	19	0						10	2906	5764	6215
																																				11	0	0	0
20	0	19	19	19	19	14	11	7	0	0																										12	305	605	652
70	70	72	71	74	75	59	57	55	53	46	38	36	7	31	31	32	32	33	35	23	25	35	39	38	39	39	32	29	21	1	0					13	2183	4330	4669
																																				14	0	0	0
2	2	2	2	2	2	2	2	2	2	2	0																									15	53	105	113
																																				16	5	9	10
																																				17	0	0	0
																																				18	0	0	0
92	92	92	91	90	92	90	90	90	90	90	91	85	90	87	90	90	90	90	69	90	90	90	91	94	94	92	93	93	79	80						19	3964	7862	847
3	3	3	0	0	3	3	2	3	3	0	0	0	0	0	2	3	0									0	3	3	3	2						20	63	125	13
0	1	1	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1										21	35	69	7
9	8	7	5	5	1	2	2	3	2	0																										22	467	926	99
																																				23	3730	7398	797
34	34	34	34	34	34	34	34	34	34	34	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	0									24	1816	3602	388
56	63	77	76	73	61	66	79	77	81	61	56	47	40	37	40	16	10	13	12	6	0															25	5685	11,276	12,1
1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0																26	24	48	
																																				27	0	0	
91	385	383	387	363	327	331	335	318	293	268	268	264	277	266	253	253	262	266	268	266	261	261	252	220	224	229	229	227	225	217						28	13,115	26,013	28,
																																				29			
046	1031	1010	959	887	781	762	785	756	721	640	619	593	556	565	549	535	536	545	527	525	551	543	559	519	525	519	523	486	448	374	0					30	49,089	97,364	104,
																																				31			
																																				32	183	363	
45	40	47	0	0	44	45	47	80	57	68	20	11	34	26	28	30	28	32	32	32	36	228	215	61	65	22	0									33	4149	8230	8
905	1165	1280	1270	1270	1270	1105	1105	845	680	380	245	370	370	495	620	620	820	800	1050	1050	1020	1010	1000	991	1020	972	581	581	581	581	0					34	29,137	57,793	62
																																				35	0	0	
																																				36	0	0	
																																				37			
50	1205	1327	1270	1270	1314	1150	1152	925	737	448	265	381	404	521	648	650	848	832	1082	1082	1056	1238	1215	1052	1085	994	581	581	581	581	0					38	33,469	66,386	71
																																				39			
10	2650	2650	2610	2600	2550	2510	2400	2370	2280	2060	2020	2027	2000	1933	1911	1901	1911	1899	1885	1853	1848	1726	1582	1437	1248	1061	853	674	495	317	147	0	66	0	0	40	126,077	250,070	
67	167	168	169	169	168	168	168	168	168	168	168	168	168	168	168	168	168	156	147	147	147	147	147	147	131	119	119	107	102	102	102	102	88	81	0	41	11,674	23,155	
08	1011	1014	960	971	956	899	897	844	746	614	635	629	489	365	344	344	296	361	305	243	88	73	0													42	40,133	79,603	
31	3322	3302	3232	3272	3282	3253	3231	3230	3201	3142	3150	3120	3080	2998	2950	2920	2914	2921	2831	2831	2777	2691	2627	2610	2528	2462	2402	2352	2342	2236	999	863	728	690	0	43	188,432	373,750	
10	1400	1400	1390	1330	1310	1290	1220	1220	1220	1160	1140	1140	1140	1130	1120	1120	1110	1020	960	970	970	930	900	900	900	900	890	860	860	860	860	860	860	290	0	44	97,340	193,071	
5	342	342	314	314	316	316	319	319	319	316	319	319	319	476	459	459	459	459	459	462	470	476	480	480	480	480	484	487	487	487	487	487	487	480	476	45	16,996	33,711	
																																				46			
																															UNITED STATES					47			
																															TOTAL					48	563,318	1,117,324	

—1943

PLATE NO. 14

EMBER																	NO.	TOTAL SEC-FT.	TOTAL ACRE-FT.	JACKSON LAKE EQUIV ACRE-FT.	JACKSON LAKE RIGHT ACRE-FT.	AM. FALLS RIGHT ACRE-FT.	OTHER RIGHTS ACRE-FT.	SEASONAL PURCHASES & EXCHANGE ACRE-FT.	TOTAL RIGHTS ACRE-FT.
4	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
																	1								
																	2	108	214	230	0	0	0	① 230	230
																	3								
5	5	6	6	6	6	6	7	6	5	2	1	0					4	463	918	990	1209	1135	0	0	2344
																	5	6164	12,226	13,184	0	21,450	0	② 8099	29,549
																	6	942	1868	2014	2014	0	0	0	2014
6	85	115	96	96	103	71	73	113	107	99	73	0					7	4082	8097	8732	6144	15,051	0	②-8099	13,096
																	8	207	411	443	5036	17,611	0	① 3000	25,647
1	20	24	25	5	10	24	13	11	3	0							9	2880	5712	6159	2014	2935	③ 217	① 3932	9098
0	0	0	0	40	19	37	36	36	19	19	0						10	2906	5764	6215	5157	11,480	0	① 2000	18,637
																	11	0	0	0	1048	0	0	0	1048
																	12	305	605	652	4029	0	③ 14	0	4043
5	23	25	35	39	38	39	39	32	29	21	1	0					13	2183	4330	4669	3022	6613	0	0	9635
																	14	0	0	0	0	4299	0	0	4299
																	15	53	105	113	0	0	③ 50	① 63	113
																	16	5	9	10	0	0	0	① 10	10
																	17	0	0	0	0	1518	0	0	1518
																	18	0	0	0	0	4299	0	① 5000	9299
	90	90	90	91	94	94	92	93	93	79	80						19	3964	7862	8478	0	23,275	0	0	23,275
							0	3	3	3	2						20	63	125	135	0	323	0	0	323
	1	1	1	1	0	1	1										21	35	69	75	0	116	0	0	116
																	22	467	926	998	358	0	③ 640	0	998
																	23	3730	7398	7977	0	38,645	0	0	38,645
	29	29	29	29	29	29	29	0									24	1816	3602	3884	1511	3222	0	0	4733
	6	0															25	5685	11,276	12,160	5036	41,891	0	① 1025	47,952
	0																26	24	48	52	0	0	0	① 52	52
																	27	0	0	0	0	10,113	0	0	10,113
	266	261	261	252	220	224	229	229	227	225	217						28	13,115	26,013	28,053	15,108	39,587	0	0	54,695
																	29								
	525	551	543	559	519	525	519	523	486	448	374	0					30	49,089	97,364	104,993	51,686	243,563	921	15,082	311,252
																	31								
																	32	183	363	391	0	21,527	0	0	21,527
	32	36	228	215	61	65	22	0									33	4149	8230	8874	8058	33,066	0	0	41,124
	1050	1020	1010	1000	991	1020	972	581	581	581	581	0					34	29,137	57,793	62,317	42,993	92,271	0	0	135,264
																	35	0	0	0	0	5729	0	0	5729
																	36	0	0	0	0	2093	0	0	2093
																	37								
	082	1056	1238	1215	1052	1085	994	581	581	581	581	0					38	33,469	66,386	71,582	51,051	154,686	0	0	205,737
																	39								
	853	1848	1726	1582	1437	1248	1061	853	674	495	317	147	0	66	0	0	40	126,077	250,070		328,164	95,943	④ 136,672	0	560,779
	147	147	141	147	147	131	119	119	107	102	102	102	102	88	81	0	41	11,674	23,155		0	48,852	0	0	48,852
	243	88	73	0													42	40,133	79,603		97,885	170,912	0	0	268,797
	831	2777	2691	2627	2610	2528	2462	2402	2352	2342	2236	999	863	728	690	0	43	188,432	373,750		324,334	483,723	0	0	808,057
	970	970	930	900	900	900	900	890	860	860	860	860	860	860	290	0	44	97,340	193,071		0	404,510	0	0	404,510
	462	470	476	480	480	480	480	484	487	487	487	487	487	487	480	476	45	16,996	33,711		0	45,507	0	0	45,507
																	46								
												UNITED STATES					47				0	50,564	0	①-15,321	35,252
												TOTAL					48	563,318	1,117,324		853,120	⑤ 1,698,260	137,593	0	2,688,973

NOTES

① Rented from Bureau

② Transferred from E
Progress for Enterp

③ From Market Lak

④ Lake Walcott 94,2
42,422 gain Neeley t

⑤ Does not include E
District right of 20,
from Fall River.

PLATE NO. 14

22	23	24	25	26	27	28	29	30	NO.	TOTAL SEC-FT.	TOTAL ACRE-FT.	JACKSON LAKE EQUIV. ACRE-FT.	JACKSON LAKE RIGHT ACRE-FT.	AM. FALLS RIGHT ACRE-FT.	OTHER RIGHTS ACRE-FT.	SEASONAL PURCHASES & EXCHANGE ACRE-FT.	TOTAL RIGHTS ACRE-FT.
									1								
									2	108	214	230	0	0	0	① 230	230
									3								
6	5	2	1	0					4	463	918	990	1209	1135	0	0	2344
									5	6164	12,226	13,184	0	21,450	0	② 8099	29,549
									6	942	1868	2014	2014	0	0	0	2014
13	107	99	73	0					7	4082	8097	8732	6144	15,051	0	② -8099	13,096
									8	207	411	443	5036	17,611	0	① 3000	25,647
11	3	0							9	2880	5712	6159	2014	2935	③ 217	① 3932	9098
36	19	19	0						10	2906	5764	6215	5157	11,480	0	① 2000	18,637
									11	0	0	0	1048	0	0	0	1048
									12	305	605	652	4029	0	③ 14	0	4043
2	29	21	1	0					13	2183	4330	4669	3022	6613	0	0	9635
									14	0	0	0	0	4299	0	0	4299
									15	53	105	113	0	0	③ 50	① 63	113
									16	5	9	10	0	0	0	① 10	10
									17	0	0	0	0	1518	0	0	1518
									18	0	0	0	0	4299	0	① 5000	9299
3	93	79	80						19	3964	7862	8478	0	23,275	0	0	23,275
3	3	3	2						20	63	125	135	0	323	0	0	323
									21	35	69	75	0	116	0	0	116
									22	467	926	998	358	0	③ 640	0	998
									23	3730	7398	7977	0	38,645	0	0	38,645
									24	1816	3602	3884	1511	3222	0	0	4733
									25	5685	11,276	12,160	5036	41,891	0	① 1025	47,952
									26	24	48	52	0	0	0	① 52	52
									27	0	0	0	0	10,113	0	0	10,113
	227	225	217						28	13,115	26,013	28,053	15,108	39,587	0	0	54,695
									29								
	486	448	374	0					30	49,089	97,364	104,993	51,686	243,563	921	15,082	311,252
									31								
									32	183	363	391	0	21,527	0	0	21,527
									33	4149	8230	8874	8058	33,066	0	0	41,124
	581	581	581	0					34	29,137	57,793	62,317	42,993	92,271	0	0	135,264
									35	0	0	0	0	5729	0	0	5729
									36	0	0	0	0	2093	0	0	2093
									37								
	581	581	581	0					38	33,469	66,386	71,582	51,051	154,686	0	0	205,737
									39								
	674	495	317	147	0	66	0	0	40	126,077	250,070		328,164	95,943	④ 136,672	0	560,779
	107	102	102	102	102	88	81	0	41	11,674	23,155		0	48,852	0	0	48,852
									42	40,133	79,603		97,885	170,912	0	0	268,797
	352	2342	2236	999	863	728	690	0	43	188,432	373,750		324,334	483,723	0	0	808,057
	860	860	860	860	860	860	290	0	44	97,340	193,071		0	404,510	0	0	404,510
	487	487	487	487	487	487	480	476	45	16,996	33,711		0	45,507	0	0	45,507
									46								
				UNITED STATES					47				0	50,564	0	① -15,321	35,252
				TOTAL					48	563,318	1,117,324		853,120	⑤ 1,698,260	137,593	0	2,688,973

NOTES

① Rented from Bureau of Reclamation.

② Transferred from Enterprise to Progress for Enterprise lands.

③ From Market Lake Springs.

④ Lake Walcott 94,250 on July 16, plus 42,422 gain Neeley to Milner.

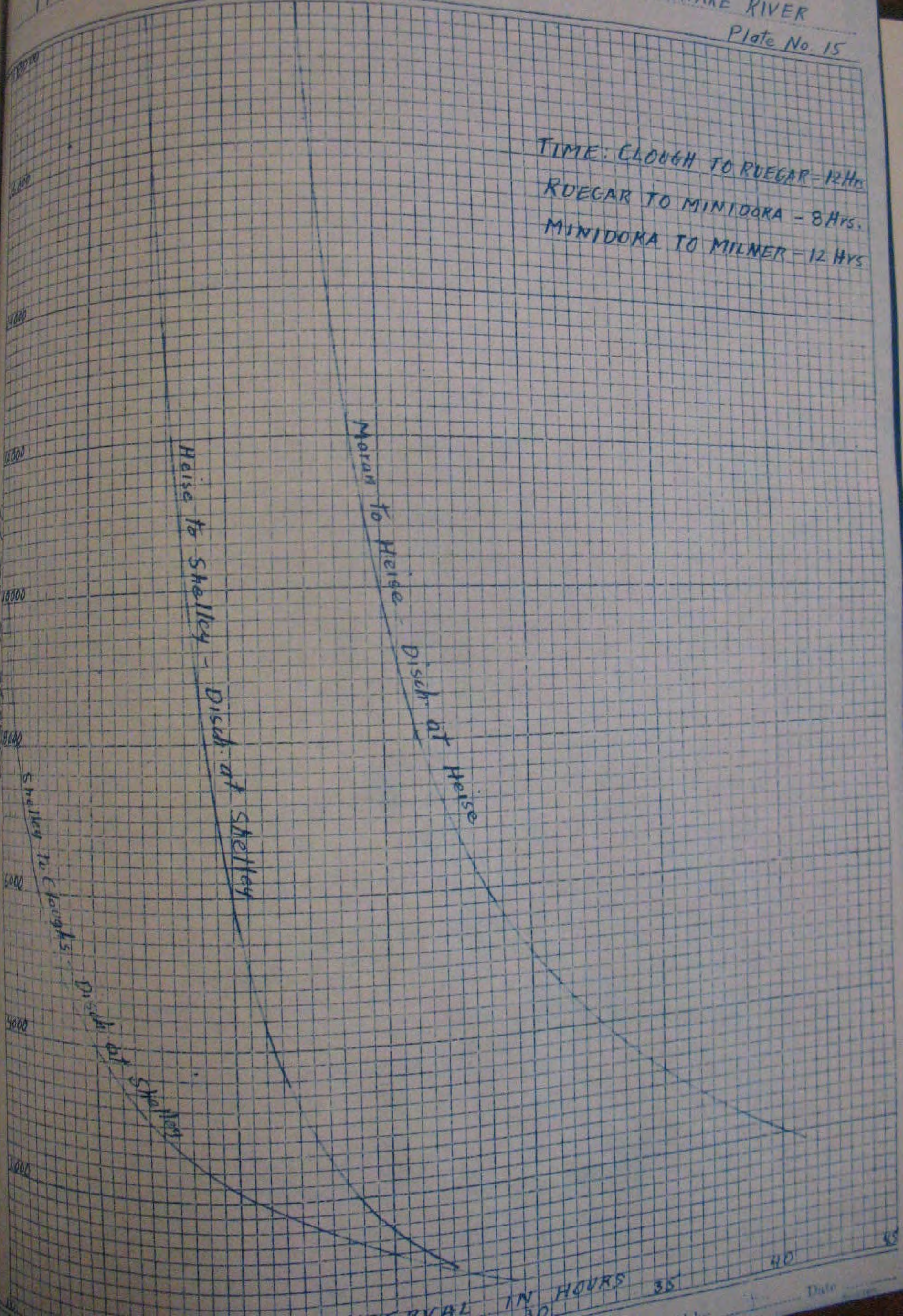
⑤ Does not include Enterprise Irrigation District right of 20,910 acre-feet diverted from Fall River.

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



Date

DAILY DISCHARGE IN SEC-FT. OF HENRYS FORK CANALS FOR OCTOBER 1942

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE	4	4	4	4	4	4	4	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	216
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	26	26	27	27	27	28	38	38	38	38	38	38	38	38	38	38	39	38	32	27	27	27	27	27	27	27	25	25	24	24	24	960
TOTAL ABOVE SQUIRREL	30	30	31	31	31	32	42	42	46	46	46	46	46	46	46	46	46	46	40	35	35	35	35	35	35	35	33	33	32	32	32	1176
FARMERS OWN	14	14	14	14	10	10	10	10	10	10	14	14	14	15	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	15	15	419
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	76	75	75	55	55	54	54	54	54	54	54	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	49	49	49	49	49	1700
BELL	5	5	5	5	5	4	4	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	96
FALL RIVER	207	207	207	207	207	207	202	202	202	202	202	202	200	200	200	200	200	200	200	88	88	88	88	88	88	88	88	88	88	88	88	4910
McBEE	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	42
CHESTER	6	6	6	6	6	6	5	5	5	5	5	5	6	6	6	6	6	6	6	11	11	11	11	11	11	11	11	12	12	12	12	244
SILKEY	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184
CURR	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	206
TOTAL SQUIRREL TO CHESTER	334	333	333	313	310	308	302	302	302	302	306	306	305	306	307	280	280	278	278	170	170	170	170	170	170	170	164	165	165	166	166	7801
HENRYS FORK CANALS																																
DEWEY	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	463
LAST CHANCE	24	24	23	22	22	23	23	24	24	25	26	26	29	29	30	30	31	32	32	18	19	19	20	20	21	22	21	22	22	22	23	748
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	272	218	218	218	215	215	215	215	215	213	184	184	184	184	184	184	184	184	184	184	184	183	183	183	183	186	186	186	186	186	186	6086
FARMERS FRIEND	18	18	18	18	18	18	19	19	19	15	16	16	16	16	16	16	17	17	17	15	15	15	16	16	16	17	17	17	17	18	18	524
TWIN GROVES	71	72	72	71	71	71	71	70	70	88	87	87	87	86	86	86	85	85	85	84	84	84	83	83	83	82	80	80	80	79	79	2482
SALEM UNION	66	66	66	66	66	66	64	64	64	64	64	64	66	66	66	66	66	66	66	41	41	41	41	41	41	39	39	39	39	39	39	1722
TOTAL ASHTON TO ST. ANTHONY	465	412	412	410	407	408	407	407	407	420	392	392	397	396	397	397	398	399	399	357	358	357	358	358	359	361	358	359	359	359	360	12025
EGIN	136	136	121	121	123	123	124	124	126	126	128	128	129	129	129	129	129	129	129	28	28	28	0	0	0	0	0	0	0	0	0	2503
ST. ANTHONY UNION FEEDER	32	32	32	32	26	26	26	17	17	17	17	17	19	19	19	20	20	20	20	17	17	17	0	0	0	0	0	0	0	0	0	479
INDEPENDENT	78	78	84	84	84	84	85	88	88	88	88	78	78	78	81	81	81	81	81	83	83	83	83	83	83	83	83	83	83	83	83	2564
CONSOLIDATED FARMERS	117	117	115	115	116	117	117	118	118	120	80	81	82	83	85	87	88	89	91	87	88	89	73	74	75	76	76	77	77	79	79	2886
TOTAL ST. ANTHONY TO REXBURG	363	363	352	352	349	350	352	347	349	351	313	304	308	309	314	317	318	319	321	215	216	217	156	157	158	159	163	160	160	162	162	8432
TETON RIVER CANALS																																
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	8
WILFORD	31	31	31	31	31	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	31	31	31	31	31	1003
TETON IRRIGATION	24	36	36	24	24	24	24	24	24	24	21	21	21	21	21	20	20	20	20	10	10	9	9	9	9	9	9	9	9	9	9	559
GOOD LUCK	2	2	2	2	2	2	2	2	11	11	11	11	11	11	11	11	11	11	1	1	1	1	1	1	1	1	1	1	1	1	1	139
PIONEER	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	50
STEWART	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
PINCOCK-BYINGTON	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	6	6	6	6	164
PINCOCK-GARNER	0	0	0	0	0	0	0	0	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	121	121	121	121	121	119	119	119	119	111	111	111	111	111	111	111	111	111	111	98	98	98	98	98	98	98	95	95	95	98	98	3358
NORTH SALEM	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	2	2	2	2	2	159
ROXANA	2	2	2	2	2	2	2	2	3	3	2	3	3	3	5	3	3	3	4	4	3	3	3	4	4	4	5	5	5	0	0	91
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	5	5	5	5	1	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	24
CITY OF REXBURG	26	26	27	27	27	20	20	20	20	19	19	18	18	18	18	18	18	17	17	15	15	14	14	14	14	14	12	12	12	12	12	553
REXBURG IRRIGATION	105	105	104	103	102	101	101	100	100	99	99	95	51	51	51	50	50	50	50	48	48	47	47	47	47	46	45	44	44	44	43	2117
McCORMICK-ROWE	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
SAURY-SOMMERS	5	5	5	4	4	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	101
TOTAL	356	348	346	338	330	321	321	320	329	319	315	313	269	269	271	267	267	266	257	226	225	222	222	223	223	222	212	212	212	210	209	8419

DAILY DISCHARGE IN SEC-FT. OF HENRYS FORK CANALS FOR NOVEMBER 1942

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
YELLOWSTONE	8	8	8	8	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72
HARRIGFELD																															0
MARYSVILLE	21	20	20	20	15	15	15	15	15	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201
TOTAL ABOVE SQUIRREL	29	28	28	28	23	23	23	23	23	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	273
FARMERS OWN	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
ALMY																															0
ENTERPRISE	49	49	49	49	49	49	49	49	21	21	21	21	21	21	21	21	21	21	21	0	0	0	0	0	0	0	0	0	0	0	623
BELL	5	5	5	5	5	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	30
FALL RIVER	88	88	88	88	88	88	88	88	50	50	50	50	50	50	50	50	50	30	30	30	30	29	29	29	29	29	29	29	29	29	1535
McBEE	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	18
CHESTER	12	12	12	12	12	12	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	106
SILKEY																															0
CURR																															0
TOTAL SQUIRREL TO CHESTER	162	162	162	162	162	162	145	145	79	73	73	73	73	73	73	73	74	54	54	31	31	30	30	30	30	30	30	30	30	30	2366
HENRYS FORK CANALS																															
DEWEY	15	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
LAST CHANCE	24	24	15	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	0	0	0	0	0	5	5	5	399
CROSS CUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	40	40	15	15	15	365
ST. ANTHONY UNION	191	191	191	188	188	188	188	188	142	142	142	142	142	142	142	142	142	142	142	142	62	62	60	60	60	60	60	116	116	116	3989
FARMERS FRIEND	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	6	6	6	6	4	4	4	4	4	4	4	1	1	1	155
TWIN GROVES	50	50	49	49	49	48	48	48	58	58	58	58	58	57	57	53	53	52	52	51	28	27	27	26	26	20	20	20	20	19	1289
SALEM UNION																															0
TOTAL ASHTON TO ST. ANTHONY	286	286	276	274	259	259	259	259	223	223	223	223	224	223	223	219	218	217	217	256	151	150	131	130	130	124	124	157	157	156	6257
EGIN	0	0	0	16	16	16	18	18	100	100	100	100	53	53	53	54	54	54	54	54	50	50	50	50	50	52	52	35	35	36	1373
ST. ANTHONY UNION FEEDER	32	32	31	31	31	31	31	31	26	26	26	25	17	17	16	16	16	15	15	15	19	18	18	18	18	18	16	8	8	7	628
INDEPENDENT	62	62	62	65	65	65	65	65	52	52	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	728
CONSOLIDATED FARMERS	79	80	80	81	82	83	83	83	85	85	86	25	25	25	26	26	23	23	24	24	25	26	26	26	27	28	28	28	29	30	1401
TOTAL ST. ANTHONY TO REXBURG	173	174	173	193	194	195	197	197	263	263	264	202	95	95	95	96	93	92	93	93	94	94	94	94	95	98	96	74	75	76	4130
TETON RIVER CANALS																															
SIDDOWAY																															0
WILFORD	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	21	21	21	21	21	18	18	18	18	18	18	18	18	19	795
TETON IRRIGATION	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1	1	1	1	1	1	1	1	1	136
GOOD LUCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
PIONEER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
STEWART	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
PINCOCK-BYINGTON	7	8	8	5	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	1	1	1	1	1	1	1	1	1	1	1	159
PINCOCK-GARNER	5	5	6	5	5	4	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	97
TETON ISLAND FEEDER	63	63	63	63	63	63	61	61	61	61	61	61	61	61	61	61	58	58	58	58	46	46	46	46	39	39	39	39	39	39	1638
NORTH SALEM	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	7	7	7	1	1	1	1	100
ROXANA	0	0	1	2	2	2	3	3	3	0	0	0	0	0	0	3	3	3	3	3	3	3	4	4	4	4	4	2	2	2	63
ISLAND WARD																															0
WOODMANSEE-JOHNSON																															0
CITY OF REXBURG	13	13	13	13	13	13	4	4	4	4	4	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	132
REXBURG IRRIGATION	35	35	34	34	34	34	31	31	30	30	30	30	25	25	25	25	25	25	26	22	22	22	22	22	22	22	22	25	25	25	817
McCORMICK-ROWE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	22
SAURY-SOMMERS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
TOTAL	170	170	170	168	171	172	159	159	158	155	155	155	150	150	150	153	131	131	131	124	109	101	101	105	98	98	92	93	93	93	4065

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR DECEMBER 1942

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE																																0
HARRIGFELD																																0
MARYSVILLE																																0
TOTAL ABOVE SQUIRREL																																0
																																0
FARMERS OWN																																0
ALMY																																0
ENTERPRISE																																0
BELL	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	10	10	10	10	10	10	10	10	10	10	394
FALL RIVER																																0
McBEE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
CHESTER																																0
SILKEY																																0
CURR																																
TOTAL SQUIRREL TO CHESTER	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	15	11	11	11	11	11	11	11	11	11	11	425

HENRYS FORK CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																																0
DEWEY	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	241
LAST CHANCE	35	35	35	35	35	35	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	19	19	19	19	19	805
CROSS CUT	2	2	2	2	2	2	2	2	2	2	2	2	2	73	73	73	73	73	73	73	95	95	95	95	95	95	95	95	95	95	95	1582
ST. ANTHONY UNION	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	73
FARMERS FRIEND	19	19	18	18	18	18	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	468
TWIN GROVES																																0
SALEM UNION																																
TOTAL ASHTON TO ST. ANTHONY	64	64	63	63	63	63	53	54	54	54	52	52	52	123	123	123	123	123	123	123	145	145	145	144	144	144	138	138	138	138	138	3169
EGIN	36	36	42	42	42	42	42	42	42	42	44	42	42	42	42	41	40	40	40	40	40	40	40	39	39	39	39	39	39	39	39	1253
ST. ANTHONY UNION FEEDER	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	7	7	7	7	7	7	7	7	7	7	7	7	13	13	197
INDEPENDENT	3	27	27	27	27	26	26	26	26	26	26	26	26	26	26	26	27	27	27	27	27	27	27	27	27	27	27	27	38	38	38	847
CONSOLIDATED FARMERS	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	34	34	35	35	34	34	35	35	34	34	35	35	35	34	34	34	1001
TOTAL ST. ANTHONY TO REXBURG	74	98	104	104	104	103	103	103	103	103	105	103	103	103	103	106	108	109	109	108	108	109	109	107	107	108	108	108	118	124	124	3286

TETON RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																																0
SIDDOWAY	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	1	1	1	1	1	1	1	160
WILFORD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
TETON IRRIGATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	23
GOOD LUCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
PIONEER																																0
STEWART	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	0	0	0	0	0	25
PINCOCK-BYINGTON	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	23
PINCOCK-GARNER	41	41	41	41	17	17	17	17	17	17	17	17	17	17	17	19	19	19	19	18	18	18	18	18	17	17	17	17	17	17	17	686
TETON ISLAND FEEDER	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	2
NORTH SALEM	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	29
ROXANA	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	13
ISLAND WARD																																0
WOODMANSEE-JOHNSON	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
CITY OF REXBURG	17	17	17	20	20	14	14	14	14	15	15	14	14	14	14	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	409
REXBURG IRRIGATION																																0
McCORMICK-ROWE																																0
SAURY-SOMMERS																																
TOTAL	74	74	73	76	52	46	46	47	47	47	47	46	46	46	46	45	45	45	45	44	42	42	42	40	33	32	32	32	32	32	30	1428

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR JANUARY 1943

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE																																0
HARRIGFELD																																0
MARYSVILLE																																0
TOTAL ABOVE SQUIRREL																																0
FARMERS OWN																																0
ALMY																																0
ENTERPRISE																																0
BELL																																0
FALL RIVER	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	10	5	2	2	2	2	2	2	2	2	2	2	2	2	2	209
McBEE																																0
CHESTER	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
SILKEY																																0
CURR																																0
TOTAL SQUIRREL TO CHESTER	11	11	11	11	11	11	11	11	12	12	12	11	11	11	11	11	10	5	2	2	2	2	2	2	2	2	2	2	2	2	2	220

HENRYS FORK CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
DEWEY																																0
LAST CHANCE	10	10	10	10	11	11	11	12	12	12	12	12	12	11	11	10	10	5	2	2	2	2	2	2	2	2	2	2	2	2	2	218
CROSS CUT	19	18	17	16	15	14	13	12	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	8	8	8	8	8	8	8	334
ST. ANTHONY UNION	95	95	95	95	95	95	95	95	95	95	95	94	94	94	94	93	92	92	91	90	89	88	86	86	85	85	84	84	84	84	84	2818
FARMERS FRIEND	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
TWIN GROVES	14	12	10	8	6	4	3	2	2	2	3	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
SALEM UNION																																0
TOTAL ASHTON TO ST. ANTHONY	140	137	134	131	129	126	124	123	121	121	121	119	119	117	117	115	114	107	102	101	100	99	97	97	95	95	94	94	94	94	94	3471
EGIN	39	39	39	39	39	39	39	39	39	8	8	8	8	40	40	40	40	40	40	39	39	39	39	39	39	38	38	38	38	38	38	1085
ST. ANTHONY UNION FEEDER	13	13	13	13	13	13	13	13	13	13	10	1	1	1	1	1	1	0	0	0	0	2	2	2	2	2	2	2	2	2	2	166
INDEPENDENT	38	38	38	38	22	22	22	24	25	26	26	27	28	30	30	32	34	36	37	38	38	38	38	38	38	38	38	39	39	38	38	1031
CONSOLIDATED FARMERS	34	31	28	25	22	19	16	14	13	13	13	13	12	12	12	12	12	13	13	13	17	17	17	16	16	16	17	17	16	16	17	522
TOTAL ST. ANTHONY TO REXBURG	124	121	118	115	96	93	90	90	90	60	57	49	49	83	83	85	87	89	90	90	94	96	96	95	95	94	95	96	95	94	95	2804

TETON RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
SIDDOWAY																																0
WILFORD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	8	12	12	12	12	11	11	11	11	11	11	147
TETON IRRIGATION																																0
GOOD LUCK																																0
PIONEER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
STEWART																																0
PINCOCK-BYINGTON																																0
PINCOCK-GARNER																																0
TETON ISLAND FEEDER	17	17	17	17	17	17	17	17	15	13	11	8	6	4	2	2	2	2	1	2	3	4	5	5	5	5	5	5	5	5	5	256
NORTH SALEM																																0
ROXANA																																0
ISLAND WARD																																0
WOODMANSEE-JOHNSON																																0
CITY OF REXBURG																																0
REXBURG IRRIGATION	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	47
McCORMICK-ROWE	11	11	11	11	9	9	9	9	9	9	9	8	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155
SAURY-SOMMERS																																
TOTAL	31	31	31	31	30	30	30	30	28	25	23	19	17	15	13	13	13	5	4	5	13	18	19	19	19	18	18	18	18	18	18	620

DAILY DISCHARGE IN SEC.-F.T. OF HENRYS FORK CANALS FOR FEBRUARY 1943

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		TOTAL
YELLOWSTONE																														0
HARRIGFELD																														0
MARYSVILLE																														0
TOTAL ABOVE SQUIRREL																														0
FARMERS OWN																														0
ALMY																														0
ENTERPRISE																														0
BELL																														0
FALL RIVER	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		36
McBEE																														0
CHESTER																														0
SILKEY																														0
CURR																														0
TOTAL SQUIRREL TO CHESTER	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		36
HENRYS FORK CANALS																														
DEWEY																														0
LAST CHANCE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1		43
CROSS CUT	8	8	8	8	7	7	7	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4		153
ST. ANTHONY UNION	84	88	92	96	100	104	108	120	130	135	135	135	136	136	136	99	99	99	99	99	99	99	99	99	99	99	99	99		3022
FARMERS FRIEND																														0
TWIN GROVES																														0
SALEM UNION																														0
TOTAL ASHTON TO ST. ANTHONY	94	98	102	106	109	113	117	128	138	143	143	143	144	144	144	104	104	104	104	104	104	104	104	104	104	104	104	104		3218
EGIN	38	36	34	32	30	28	26	22	18	16	16	16	16	16	16	35	35	35	35	35	35	35	35	35	35	35	35	35		815
ST. ANTHONY UNION FEEDER	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		56
INDEPENDENT	38	37	36	35	34	33	32	31	31	31	31	31	31	31	31	43	43	43	43	43	43	43	43	43	43	43	43	43		1052
CONSOLIDATED FARMERS	16	16	16	16	16	15	15	15	15	15	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13		398
TOTAL ST. ANTHONY TO REXBURG	94	91	88	85	82	78	75	70	66	64	63	63	63	63	63	94	94	94	94	93	93	93	93	93	93	93	93	93		2321
TETON RIVER CANALS																														
SIDDOWAY																														0
WILFORD	11	10	9	8	7	6	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		101
TETON IRRIGATION																														0
GOOD LUCK																														0
PIONEER																														0
STEWART																														0
PINCOCK-BYINGTON																														0
PINCOCK-GARNER																														0
TETON ISLAND FEEDER	5	5	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		72
NORTH SALEM																														0
ROXANA																														0
ISLAND WARD																														0
WOODMANSEE-JOHNSON																														0
CITY OF REXBURG	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		20
REXBURG IRRIGATION																														0
McCORMICK-ROWE																														0
BAJURY-SOMMERS																														0
TOTAL	18	17	15	14	12	10	9	8	7	6	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4		193

PLATE NO.

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR MARCH 1943

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	0	0	0	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
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	4	5	18
Mc BEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHESTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILKEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CURR	0	0	0	0	0	0	0	0	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 SQUIRREL TO CHESTER	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	2	2	3	4	5	18
HENRYS FORK CANALS																																
DEWEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAST CHANCE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	39
CROSS CUT	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	178
ST. ANTHONY UNION	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99	99	99	98	98	98	97	97	97	97	97	97	97	3070
FARMERS FRIEND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWIN GROVES	0	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	2	2	3	4	13
SALEM UNION	0	0	0	0	0	0	0	0	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 ASHTON TO ST. ANTHONY	105	105	105	105	106	106	106	106	106	106	106	106	107	107	107	107	107	107	106	106	106	105	105	107	106	107	107	108	108	109	110	3300
EGIN	35	35	35	35	35	35	35	35	36	36	36	36	36	36	36	36	35	34	33	32	31	30	28	26	24	22	22	22	22	22	22	973
ST. ANTHONY UNION FEEDER	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	6	7	8	8	9	10	11	11	11	11	11	11	158
INDEPENDENT	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	42	42	42	41	41	41	40	40	40	40	40	40	40	40	1300
CONSOLIDATED FARMERS	13	13	13	13	13	14	14	14	14	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15	467
TOTAL ST. ANTHONY TO REXBURG	93	93	93	93	93	94	94	94	95	96	97	97	97	97	97	97	97	96	96	96	95	95	93	91	90	89	88	88	88	88	88	2898
TETON RIVER CANALS																																
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILFORD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	54
TETON IRRIGATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEWART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCOCK-BYINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCOCK-GARNER	0	0	0	0	0	0	0	0	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	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	4	4	68
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF REXBURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REXBURG IRRIGATION	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAURY-SOMMERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	5	5	6	6	153

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR APRIL 1943

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	25
FALL RIVER	5	8	12	16	20	24	28	32	36	40	44	48	52	56	60	63	63	63	63	63	63	63	63	67	63	63	63	63	63	63	1430
McBEE	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	5	5	5	3	3	3	3	50
CHESTER	0	0	0	2	4	6	8	10	12	14	16	18	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	483
SILKEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	5	4	3	2	1	0	0	26
CURR	0	0	0	0	0	1	2	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	115
TOTAL SQUIRREL TO CHESTER	5	8	12	18	24	31	39	46	53	60	66	72	78	83	88	92	92	93	94	94	95	97	99	106	101	100	97	96	95	95	2129

HENRYS FORK CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
DEWEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAST CHANCE	2	2	3	3	4	5	5	6	6	5	5	4	3	3	2	2	2	2	2	2	2	10	16	24	24	24	24	24	24	24	264
CROSS CUT	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	203
ST. ANTHONY UNION	97	110	130	160	190	220	250	265	284	284	284	284	284	284	284	298	298	303	308	311	343	376	404	427	434	439	439	439	439	439	9107
FARMERS FRIEND	0	10	20	30	40	50	63	63	63	63	63	63	63	63	63	60	60	95	139	139	147	152	157	163	165	167	156	144	132	132	2725
TWIN GROVES	4	10	16	22	28	34	40	46	52	57	57	57	57	57	57	48	55	62	69	77	83	89	95	101	107	113	119	126	133	133	2004
SALEM UNION	0	0	0	0	0	0	0	0	0	28	57	57	57	57	57	85	84	107	132	131	130	130	131	130	122	116	115	115	115	115	2071
TOTAL ASHTON TO ST. ANTHONY	109	138	175	221	268	315	364	387	412	444	473	472	471	471	470	500	506	576	657	667	712	764	810	852	859	866	860	855	850	850	16374
EGIN	22	38	54	70	86	100	119	119	119	119	119	119	119	119	119	193	193	200	208	215	221	225	221	225	227	231	227	221	217	217	4682
ST. ANTHONY UNION FEEDER	11	20	30	40	50	60	70	78	78	78	78	78	78	78	78	82	82	79	76	73	71	66	71	71	71	71	71	71	71	71	2002
INDEPENDENT	40	50	60	70	80	90	100	110	120	130	140	153	153	153	153	158	155	174	191	210	239	273	267	270	289	300	287	276	262	262	5215
CONSOLIDATED FARMERS	15	16	17	18	19	20	22	24	26	28	30	32	32	32	32	106	106	106	107	107	107	108	108	108	107	107	107	106	106	106	1965
TOTAL ST. ANTHONY TO REXBURG	88	124	161	198	235	270	311	331	343	355	367	382	382	382	382	539	536	554	582	605	638	672	667	674	694	709	692	674	656	656	13864

TETON RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILFORD	1	1	1	1	2	2	2	2	3	8	13	18	23	28	33	39	39	40	40	41	42	43	43	43	43	44	45	46	46	46	778
TETON IRRIGATION	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	66
GOOD LUCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	23
PIONEER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
STEWART	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
PINCOCK-BYINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	24
PINCOCK-GARNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13
TETON ISLAND FEEDER	4	4	4	4	5	5	5	5	6	6	6	6	6	6	6	0	0	0	0	51	61	80	82	83	84	86	89	92	92	92	970
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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	6	7	9	9	9	9	9	9	9	9	9	138
ISLAND WARD	0	10	20	30	40	50	51	51	51	51	51	51	51	51	51	51	46	41	38	34	34	34	31	29	27	25	23	23	23	23	1091
WOODMANSEE-JOHNSON	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
CITY OF REXBURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	4	4	4	4	4	4	4	4	4	4	50
REXBURG IRRIGATION	0	1	2	3	4	6	6	6	6	6	6	6	6	6	6	9	12	16	18	18	40	57	84	84	84	84	84	84	84	84	912
McCORMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAURY-SOMMERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11	22	33	44	58	70	71	71	73	78	83	88	93	98	103	107	108	110	112	162	197	236	262	261	260	261	263	268	268	268	4139

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR MAY 1943

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	19	29	29	29	35	35	214
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	19	19	19	29	29	29	35	35	214
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	9	9	9	9	9	45
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	72	64	72	72	72	72	80	0	88	53	114	119	118	117	116	116	120	120	124	121	1830
BELL	0	4	7	7	5	4	2	2	2	2	1	1	1	1	2	2	3	3	4	6	7	8	8	8	8	9	9	9	9	9	9	152
FALL RIVER	56	54	52	55	60	80	100	115	100	70	50	50	48	70	98	98	120	140	132	152	171	180	190	195	200	204	214	314	319	326	333	4346
McBEE	7	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	5	6	5	5	5	5	5	5	5	4	4	4	74
CHESTER	90	51	0	0	0	0	2	2	17	17	17	26	15	40	84	40	40	15	43	48	87	55	71	81	81	86	79	78	78	80	90	1413
SILKEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	8	8	9	10	11	12	13	14	15	17	124
CURR	21	0	0	0	0	0	2	2	2	2	12	16	16	17	18	18	19	19	23	28	33	34	35	37	38	39	39	39	39	39	39	626
TOTAL SQUIRREL TO CHESTER	174	109	59	62	65	84	106	121	121	91	80	166	145	201	275	231	255	258	204	327	364	404	436	453	459	470	483	587	592	606	622	8610
HENRYS FORK CANALS																																
DEWEY	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	14	10	12	13	13	28	28	190
LAST CHANCE	0	0	0	0	0	0	0	0	0	13	15	20	40	44	50	50	50	50	50	54	60	60	70	70	80	80	90	90	90	95	97	1318
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	414	422	424	441	458	444	447	440	434	427	411	393	411	427	424	417	420	424	414	424	424	431	465	488	519	526	533	536	546	536	522	14042
FARMERS FRIEND	124	121	118	115	130	144	146	154	162	170	178	38	180	180	180	178	177	162	169	175	182	192	203	214	210	200	195	190	191	191	192	5161
TWIN GROVES	50	50	57	126	128	130	131	130	128	126	124	126	128	130	131	132	135	138	140	142	145	152	158	165	165	166	167	168	169	169	170	4176
SALEM UNION	134	136	138	155	154	152	152	162	164	164	162	161	178	180	182	183	184	178	195	203	211	214	214	214	218	224	218	220	221	218	217	5706
TOTAL ASHTON TO ST. ANTHONY	725	732	740	840	873	873	879	889	891	903	893	741	940	964	970	963	969	955	971	1001	1025	1052	1113	1154	1206	1206	1215	1217	1230	1237	1226	30593
EGIN	221	221	214	237	237	293	301	281	289	289	285	281	293	301	305	305	301	293	342	325	331	352	352	361	365	369	365	382	0	344	361	9196
ST. ANTHONY UNION FEEDER	76	76	76	79	79	78	78	77	74	70	71	76	72	67	68	69	72	76	77	78	79	80	80	81	80	80	73	74	0	82	85	2283
INDEPENDENT	247	256	256	265	304	333	326	331	313	313	25	165	256	305	326	322	322	344	346	348	348	361	357	361	353	361	366	366	361	388	361	9686
CONSOLIDATED FARMERS	90	90	95	96	96	100	110	110	120	120	120	125	125	125	140	160	186	184	184	182	190	200	200	210	220	240	250	260	270	280	285	5163
TOTAL ST. ANTHONY TO REXBURG	634	643	641	677	716	804	815	799	796	792	501	647	746	798	839	856	881	897	949	933	948	993	989	1013	1018	1050	1054	1082	631	1094	1092	26328
TETON RIVER CANALS																																
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILFORD	40	40	40	40	48	48	48	46	44	43	42	42	42	0	0	0	0	0	0	0	79	90	120	131	140	150	150	151	150	130	109	1963
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20	25	25	25	135
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	18	18	18	19	20	21	114
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	19	19	19	19	20	20	9	9	146
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	20	20	21	21	22	104
PINCOCK-BYINGTON	0	0	0	20	20	20	1	1	1	1	1	1	1	0	0	0	0	0	12	12	12	12	12	10	10	10	5	5	5	5	5	182
PINCOCK-GARNER	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	18	18	18	18	117
TETON ISLAND FEEDER	250	260	262	220	179	286	275	260	220	192	194	195	294	246	299	290	260	242	290	349	273	344	342	341	360	371	363	390	426	390	360	9063
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	4	4	28	28	26	24	114
ROXANA	9	9	9	9	9	9	9	8	7	6	7	7	8	7	6	5	4	4	8	12	12	12	10	5	5	10	20	20	18	15	13	292
ISLAND WARD	50	50	57	57	57	58	50	3	3	3	3	20	45	50	55	60	68	60	55	52	55	59	60	65	76	80	80	87	84	82	80	1664
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
CITY OF REXBURG	0	0	0	0	0	0	0	20	20	20	20	25	25	30	30	30	30	32	35	35	35	35	35	35	35	35	35	35	34	33	32	731
REXBURG IRRIGATION	92	92	0	0	0	0	0	0	20	20	20	20	20	78	78	84	80	82	84	59	142	137	154	154	149	154	154	154	166	166	179	2538
McCORMICK-ROWE	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	130
SAURY-SOMMERS	4	6	6	6	6	6	5	5	5	5	4	4	4	4	4	9	11	11	12	12	12	12	12	12	18	20	23	22	27	26	26	339
TOTAL	447	459	376	354	321	434	395	350	327	297	298	321	446	472	479	474	459	449	502	538	627	708	751	778	818	897	917	993	1046	971	928	17632

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR JUNE 1943

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	12	52
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	34	38	38	38	40	44	45	54	71	76	88	94	108	104	104	128	136	144	144	144	149	158	158	168	168	175	173	180	184	184	3369
TOTAL ABOVE SQUIRREL	34	38	38	38	40	44	45	54	71	76	88	94	108	104	104	128	136	144	144	144	149	158	158	168	168	185	183	190	194	196	3421
FARMERS OWN	9	9	8	8	8	8	8	12	20	22	24	34	35	53	53	54	64	67	72	72	72	74	68	68	68	68	67	66	74	80	1345
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	120	122	122	111	114	116	120	121	126	126	116	121	121	128	128	130	130	132	132	132	131	128	134	134	134	143	143	144	139	147	3845
BELL	9	8	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	9	9	9	9	9	8	7	7	7	6	6	7	230
FALL RIVER	333	338	314	280	314	313	312	312	333	357	379	384	384	314	308	302	320	338	348	391	398	398	417	424	420	417	410	400	393	392	10743
McBEE	4	4	3	2	2	2	2	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	183
CHESTER	90	70	64	59	54	55	54	54	53	52	53	53	58	49	47	42	41	23	23	27	31	93	57	57	58	60	73	73	100	72	1695
SILKEY	16	10	8	8	8	8	8	8	8	8	8	8	8	10	10	12	12	12	12	12	12	12	12	11	11	10	10	10	10	10	302
CURR	13	13	13	13	13	14	16	19	19	19	19	18	16	15	16	20	25	30	30	30	30	30	30	30	30	30	30	30	24	27	662
TOTAL SQUIRREL TO CHESTER	594	574	539	488	520	523	527	538	573	598	614	633	637	584	577	575	607	617	633	680	690	751	734	739	735	743	748	737	754	743	19005
HENRYS FORK CANALS																															
DEWEY	29	0	0	0	0	0	16	16	16	20	25	24	22	20	20	20	20	25	20	20	24	25	25	25	26	25	24	22	21	21	551
LAST CHANCE	97	96	95	95	91	91	91	91	91	91	91	90	90	90	85	85	85	82	82	82	81	81	82	82	83	83	84	84	85	85	2621
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	502	478	420	410	400	354	360	397	400	431	434	418	403	365	404	397	434	454	461	458	509	530	488	434	436	438	499	499	495	512	13220
FARMERS FRIEND	185	100	13	13	13	40	69	99	98	148	147	120	62	62	62	90	122	122	121	120	119	191	171	118	117	91	100	110	128	120	3071
TWIN GROVES	150	131	118	105	105	105	105	111	138	137	136	130	120	114	120	130	135	135	135	141	147	140	130	121	153	152	150	148	146	146	3934
SALEM UNION	216	200	190	52	158	162	165	168	186	205	208	208	204	200	188	182	184	197	201	204	206	202	208	205	204	202	198	195	180	159	5637
TOTAL ASHTON TO ST. ANTHONY	1179	1005	836	675	767	752	806	882	929	1032	1041	990	901	851	879	904	980	1015	1020	1025	1086	1169	1104	985	1019	991	1055	1058	1055	1043	29034
EGIN	363	321	285	269	265	257	297	305	313	317	301	277	249	194	191	219	219	283	303	315	313	313	301	279	279	279	285	289	285	251	8417
ST. ANTHONY UNION FEEDER	88	92	54	54	49	44	68	73	74	74	77	70	65	60	52	38	68	73	68	62	73	76	49	40	48	57	60	62	40	40	1848
INDEPENDENT	370	357	256	256	251	256	269	274	273	335	324	324	298	230	230	226	249	280	315	335	339	313	311	254	267	309	309	313	276	276	8675
CONSOLIDATED FARMERS	270	260	240	225	220	200	183	183	183	183	183	185	185	190	190	190	190	194	200	220	230	240	241	240	230	220	210	200	195	195	6275
TOTAL ST. ANTHONY TO REXBURG	1091	1030	835	804	785	757	817	835	843	909	885	856	797	674	663	673	726	830	886	932	955	942	902	813	824	865	864	864	796	762	25215
TETON RIVER CANALS																															
SIDDOWAY	6	7	7	0	0	0	0	7	7	7	7	7	7	1	10	12	12	12	12	11	11	11	10	10	9	9	9	10	10	10	231
WILFORD	100	85	85	85	85	80	80	80	78	80	80	80	90	90	95	95	97	100	150	200	205	193	193	186	181	183	164	164	159	152	3695
TETON IRRIGATION	20	20	20	20	20	20	30	39	39	40	42	54	55	56	60	75	83	70	70	70	68	68	69	68	66	70	70	70	70	78	1600
GOOD LUCK	18	16	0	0	0	0	10	15	17	17	17	17	15	10	10	4	4	8	10	10	10	12	14	16	17	16	15	14	12	12	336
PIONEER	9	9	8	0	0	0	0	9	9	9	9	9	9	9	9	2	2	15	15	23	32	31	31	18	13	13	13	13	13	6	338
STEWART	20	20	10	0	0	0	8	8	8	8	8	10	20	20	20	20	42	43	43	43	44	43	43	43	43	42	42	41	41	40	773
PINCOCK-BYINGTON	5	6	4	4	4	4	4	4	4	5	5	6	6	5	5	4	4	4	4	4	5	5	5	6	6	6	7	8	10	11	160
PINCOCK-GARNER	10	4	4	4	3	3	3	3	3	10	10	13	13	13	13	12	12	12	12	14	16	18	20	23	27	30	29	29	28	27	418
TETON ISLAND FEEDER	412	384	440	437	400	300	273	406	382	429	400	387	400	423	420	420	420	420	273	350	443	406	420	437	406	409	401	390	380	374	11842
NORTH SALEM	20	19	18	18	0	12	12	15	15	15	20	20	21	21	21	21	21	21	22	23	24	25	25	25	25	25	25	25	25	25	604
ROXANA	12	10	10	10	9	8	6	5	4	4	4	4	5	5	6	6	6	5	6	7	8	9	9	9	10	13	16	20	18	17	261
ISLAND WARD	40	29	20	10	8	6	5	1	1	1	1	1	1	1	1	1	1	1	1	20	20	30	40	50	61	62	63	64	50	34	624
WOODMANSEE-JOHNSON	13	13	12	12	12	12	12	13	13	13	13	13	13	12	12	12	12	11	11	10	10	9	9	9	8	8	10	10	20	20	357
CITY OF REXBURG	33	32	30	29	28	27	25	24	23	23	23	23	25	25	25	24	24	24	26	29	31	32	34	37	41	43	46	48	51	53	938
REXBURG IRRIGATION	180	181	181	181	157	155	155	144	144	142	177	176	173	170	169	176	166	172	174	185	183	250	264	263	262	260	259	253	264	258	5874
McCORMICK-ROWE	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	180
SAURY-SOMMERS	26	21	3	3	3	2	3	3	3	3	8	8	13	13	12	14	14	16	15	11	12	14	17	16	15	15	17	17	17	16	350
TOTAL	930	862	858	819	735	655	632	782	756	812	830	834	872	880	894	904	926	940	850	1016	1128	1162	1209	1222	1196	1210	1192	1182	1174	1134	28581

DAILY DISCHARGE IN SEC-FT. OF HENRYS FORK CANALS FOR JULY 1943

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE	12	12	12	12	13	15	15	15	14	14	13	12	11	10	10	9	8	8	7	7	6	6	6	6	6	6	6	6	6	5	5	297
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	184	183	182	185	184	178	177	240	178	178	178	164	164	166	166	166	168	170	170	170	172	177	173	170	172	175	173	173	175	166	177	5454
TOTAL ABOVE SQUIRREL	196	195	194	197	199	193	192	255	192	192	191	176	175	176	176	175	176	178	177	177	178	183	179	176	178	181	179	179	181	172	183	5751
FARMERS OWN	85	84	84	87	74	74	69	74	77	72	70	66	63	61	64	64	68	66	73	77	76	82	97	76	76	60	51	55	66	69	71	2231
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	146	137	147	147	148	148	148	149	150	150	150	145	151	151	150	147	151	152	152	152	153	153	145	145	144	143	144	144	143	139	0	4424
BELL	9	10	10	10	9	9	9	9	8	8	7	7	7	7	6	6	7	8	8	8	8	5	5	5	5	5	5	4	2	5	5	216
FALL RIVER	392	392	390	390	390	385	385	385	385	385	384	384	384	384	384	102	385	385	385	400	400	360	360	360	360	360	360	360	360	360	360	11456
McBEE	8	8	7	7	7	7	7	6	6	6	6	6	5	5	5	5	4	4	4	4	4	3	3	3	2	2	2	2	1	1	1	141
CHESTER	72	73	72	71	71	70	68	57	52	46	41	49	36	51	46	51	35	30	30	45	51	57	68	67	55	48	48	37	35	29	30	1591
SILKEY	10	10	10	12	12	12	14	16	18	20	20	20	9	10	16	16	16	16	16	16	16	16	16	15	9	9	9	8	4	3	4	398
CURR	30	30	35	40	40	40	40	40	40	40	40	37	41	41	41	41	40	40	40	39	38	37	38	36	34	34	32	28	26	24	24	1126
TOTAL SQUIRREL TO CHESTER	752	744	755	764	751	745	740	736	736	727	718	714	696	710	712	432	706	701	708	741	746	713	732	707	685	661	651	638	637	630	495	21583

HENRYS FORK CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
DEWEY	22	23	23	23	23	23	23	25	25	25	26	26	26	26	25	25	25	24	24	24	24	24	24	24	24	24	21	21	20	20	14	726
LAST CHANCE	80	80	80	80	75	75	75	75	75	70	70	70	70	70	65	65	64	64	63	63	63	62	64	62	62	62	64	63	64	64	59	2118
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	454	456	444	430	414	398	407	419	425	432	438	456	460	463	461	460	472	472	472	460	458	427	410	400	400	400	424	441	441	485	485	13664
FARMERS FRIEND	117	114	111	108	104	107	111	115	63	70	80	91	120	130	147	140	135	130	130	127	135	145	154	149	132	110	108	136	156	145	0	3620
TWIN GROVES	85	102	118	119	120	118	115	112	108	112	117	122	129	120	118	116	116	116	8	138	142	146	146	142	126	109	109	114	119	118	116	3596
SALEM UNION	158	157	156	152	152	160	166	203	203	203	202	202	53	168	177	198	197	197	198	198	198	214	192	177	183	192	183	180	162	162	162	5505
TOTAL ASHTON TO ST. ANTHONY	916	932	932	912	888	881	897	949	899	912	933	967	858	977	993	1004	1009	1003	845	1010	1020	1018	990	954	927	897	909	955	962	994	836	29229
EGIN	247	251	245	245	245	235	263	253	265	241	271	275	249	249	253	231	275	261	261	265	275	311	212	208	208	255	251	275	279	267	307	7928
ST. ANTHONY UNION FEEDER	41	41	40	38	37	48	50	55	52	48	45	48	44	39	29	34	41	48	56	44	32	53	39	36	28	28	46	46	46	36	32	1300
INDEPENDENT	262	195	251	250	249	254	258	269	282	282	280	265	245	230	218	208	212	249	275	214	235	256	195	183	206	260	278	256	206	206	239	7468
CONSOLIDATED FARMERS	195	195	195	195	195	195	195	195	195	195	193	192	190	187	184	186	188	190	192	194	196	198	203	194	186	183	200	196	198	189	170	5959
TOTAL ST. ANTHONY TO REXBURG	745	682	731	728	726	732	766	772	794	766	789	780	728	705	684	659	716	748	784	717	738	818	649	621	628	726	775	773	724	698	748	22655

TETON RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
SIDDOWAY	10	10	10	10	10	11	11	10	9	9	8	8	8	7	7	8	8	9	9	9	8	7	7	11	8	8	10	8	10	10	8	276
WILFORD	86	21	21	104	104	104	80	100	130	152	143	136	125	135	135	135	134	134	134	137	141	0	135	142	126	115	112	125	119	116	119	3510
TETON IRRIGATION	70	70	70	72	74	75	76	77	77	77	77	78	83	88	87	87	87	87	86	81	76	82	79	80	81	79	80	80	77	79	76	2448
GOOD LUCK	15	15	15	15	15	15	0	15	15	15	24	32	32	32	32	32	32	32	32	32	34	36	36	36	34	4	25	32	31	20	17	752
PIONEER	10	20	33	30	20	10	10	10	20	36	30	20	20	20	20	20	20	25	30	20	9	25	22	22	18	19	28	28	28	30	2	655
STEWART	40	40	40	40	40	39	39	37	35	33	33	33	30	20	20	20	20	20	19	18	17	22	20	18	17	19	30	31	32	29	29	880
PINCOCK-BYINGTON	11	11	11	3	3	3	3	3	3	3	9	9	8	7	6	6	6	5	4	3	6	6	8	8	6	6	6	6	6	13	12	200
PINCOCK-GARNER	30	30	30	30	30	30	30	30	30	31	31	30	20	10	9	9	9	9	9	9	9	40	34	37	33	36	34	0	20	33	28	755
TETON ISLAND FEEDER	381	366	370	370	370	370	370	375	375	376	350	339	409	350	301	418	400	380	360	344	360	368	312	291	307	246	290	281	301	275	265	10720
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	17	16	16	16	16	16	16	16	16	16	16	16	14	13	13	13	13	13	0	10	10	9	9	17	16	12	15	11	11	5	22	419
ISLAND WARD	30	20	12	15	20	40	40	40	40	41	42	44	43	42	44	44	44	44	46	50	53	54	55	8	19	18	19	35	37	54	40	1153
WOODMANSEE-JOHNSON	22	24	26	25	24	22	21	22	25	30	35	35	30	25	25	25	25	25	25	25	34	32	52	47	32	41	40	32	37	32	33	[illegible]
CITY OF REXBURG	53	53	53	54	56	56	57	58	60	60	60	61	58	55	55	52	48	46	45	52	55	54	58	58	42	54	54	51	50	48	48	1647
REXBURG IRRIGATION	265	140	140	241	235	224	223	220	220	217	215	210	205	198	190	180	175	180	183	190	202	201	208	190	174	164	167	161	164	0	155	5947
McCORMICK-ROWE	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	186
SAURY-SOMMERS	17	19	18	17	17	17	17	17	18	19	18	20	17	16	15	16	17	17	0	13	13	13	13	24	20	19	21	13	13	8	5	487
TOTAL	1063	861	871	1048	1040	1043	999	1036	1074	1121	1097	1121	1118	1024	965	1071	1044	1032	986	999	1023	960	1049	999	966	901	942	907	962	758	865	30846

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR AUGUST 1943

PLATE NO.

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE	5	5	5	5	0	0	17	0	0	0	6	6	13	13	15	15	16	16	16	16	18	18	18	18	17	0	0	0	0	0	0	258
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	179	181	177	172	178	176	178	176	165	167	159	153	151	144	144	143	142	136	136	136	136	134	134	134	134	132	132	128	127	126	130	4640
TOTAL ABOVE SQUIRREL	184	186	182	177	178	176	195	176	165	167	165	159	164	157	159	158	158	152	152	152	154	152	152	152	151	132	132	128	127	126	130	4898
FARMERS OWN	71	74	73	75	75	74	74	68	62	62	62	62	55	51	46	43	43	39	39	39	39	39	34	34	34	34	34	34	34	34	30	1567
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	141	141	143	143	143	145	146	148	148	146	143	142	141	140	140	140	140	140	140	139	138	138	137	137	137	138	139	138	136	138	140	4365
BELL	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	5	6	6	5	5	5	4	4	4	4	4	4	4	3	3	4	143
FALL RIVER	355	355	355	352	352	348	350	350	348	348	333	352	352	346	340	355	369	366	364	360	357	374	391	370	354	350	345	346	348	358	367	11010
McBEE	5	5	5	5	5	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	101
CHESTER	29	41	41	40	39	32	32	34	34	32	31	34	37	36	36	36	3	3	3	3	3	3	19	18	17	0	0	0	0	4	4	644
SILKEY	8	8	8	8	6	5	4	4	4	4	4	3	3	2	2	2	2	2	2	2	1	1	1	1	10	11	12	11	10	10	1	152
CURR	26	26	34	34	34	32	31	33	33	33	33	30	28	30	31	31	31	31	31	31	30	30	29	29	28	29	30	29	28	28	29	942
TOTAL SQUIRREL TO CHESTER	640	655	664	662	659	644	645	646	638	634	615	632	624	613	603	615	597	590	587	582	576	592	617	595	586	568	566	564	561	577	577	18924
HENRYS FORK CANALS																																
DEWEY	10	10	8	8	8	10	10	13	12	13	14	17	21	21	20	20	20	20	21	21	21	21	21	21	22	22	23	22	21	21	20	532
LAST CHANCE	58	59	61	60	59	59	56	55	55	55	56	55	54	53	52	50	48	49	50	50	49	49	48	48	48	48	48	47	46	46	46	1617
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	468	466	461	461	456	456	454	451	449	448	446	442	438	437	436	432	429	414	398	398	398	391	384	366	348	348	348	374	402	402	402	13003
FARMERS FRIEND	14	31	35	34	134	132	121	114	104	93	82	83	84	66	47	46	45	46	48	46	45	42	40	34	33	32	31	38	46	54	61	1861
TWIN GROVES	130	116	116	111	110	110	110	109	108	108	105	103	101	99	99	99	99	103	106	110	110	110	116	123	120	115	110	105	100	97	97	3355
SALEM UNION	190	190	190	190	180	180	168	117	117	112	108	120	133	154	174	176	177	166	154	161	168	146	125	127	125	126	127	126	125	126	128	4606
TOTAL ASHTON TO ST. ANTHONY	870	872	871	864	947	947	919	859	845	829	811	820	831	830	828	823	818	798	777	786	791	759	734	719	696	691	687	712	740	746	754	24974
EGIN	285	285	237	257	269	279	271	269	263	265	267	266	265	262	259	260	261	243	225	228	231	235	239	244	249	264	269	242	214	222	229	7854
ST. ANTHONY UNION FEEDER	35	35	38	38	38	32	38	44	44	41	38	34	30	30	29	30	32	32	32	34	37	36	35	33	31	31	31	39	47	49	51	1124
INDEPENDENT	300	300	298	276	273	247	269	271	262	252	243	244	245	243	241	251	247	252	258	253	249	254	258	236	214	216	218	233	249	250	251	7853
CONSOLIDATED FARMERS	198	190	195	192	191	188	180	186	168	177	174	166	159	168	178	182	178	176	174	171	168	169	170	170	171	174	176	170	165	165	165	5454
TOTAL ST. ANTHONY TO REXBURG	818	810	768	763	771	746	758	770	737	735	722	710	699	703	707	723	718	703	689	686	685	694	702	683	665	685	694	684	675	686	696	22285
TETON RIVER CANALS																																
SIDDOWAY	8	7	8	7	7	6	7	6	5	5	5	5	5	5	5	5	5	2	5	8	8	7	7	7	7	6	6	7	7	7	7	192
WILFORD	116	113	114	102	110	109	103	104	102	94	90	85	76	66	72	78	72	78	79	80	74	69	68	66	65	64	64	63	63	63	64	2566
TETON IRRIGATION	86	81	82	77	77	46	68	76	74	71	70	70	68	67	62	57	72	87	86	85	88	90	87	84	86	88	86	84	84	85	84	2408
GOOD LUCK	15	15	16	23	23	20	20	22	22	21	19	17	20	22	21	20	8	9	10	12	12	13	13	12	12	13	13	13	14	15	15	500
PIONEER	2	2	19	18	23	26	24	25	25	24	24	7	7	29	28	28	15	25	15	15	14	14	15	16	16	16	8	8	8	14	14	524
STEWART	28	30	30	28	27	26	26	28	27	26	25	24	23	23	22	22	22	22	22	22	21	21	20	19	19	19	17	15	17	20	20	711
PINCOCK-BYINGTON	13	14	14	13	12	12	12	12	12	11	10	9	10	11	11	10	5	6	6	5	5	4	4	4	4	3	5	7	7	6	6	263
PINCOCK-GARNER	27	27	27	22	21	18	17	18	19	18	17	16	14	11	11	10	9	9	8	7	6	5	5	4	4	4	7	11	10	9	9	400
TETON ISLAND FEEDER	265	294	360	320	294	283	291	275	195	186	210	236	240	247	260	273	273	275	286	278	276	275	276	278	240	204	205	204	210	219	155	7883
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	9	6	19	15	13	11	11	14	19	17	16	12	12	4	16	16	17	16	16	16	14	13	14	15	15	14	14	13	13	13	13	426
ISLAND WARD	39	40	58	61	54	52	14	15	18	16	16	17	42	42	50	58	58	54	44	28	28	28	32	36	33	30	33	37	37	37	37	1149
WOODMANSEE-JOHNSON	32	34	33	30	46	46	45	47	46	41	40	39	36	34	33	32	32	29	29	30	28	26	26	26	25	25	24	23	22	20	20	999
CITY OF REXBURG	43	41	49	49	47	47	46	50	47	48	44	41	45	49	41	33	25	25	25	26	27	28	22	18	21	24	23	22	25	28	28	1087
REXBURG IRRIGATION	160	160	160	150	150	155	155	148	148	145	140	136	134	132	117	117	121	123	114	118	118	118	116	151	146	141	136	131	133	135	128	4244
McCORMICK-ROWE	6	6	6	8	8	8	8	8	8	8	8	8	7	6	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	155
SAURY-SOMMERS	3	2	6	19	19	19	21	23	27	26	20	14	12	9	8	8	7	7	10	13	12	10	10	10	14	19	16	13	12	10	10	404
TOTAL	852	872	1009	442	931	884	868	871	794	757	754	736	751	757	761	770	744	775	758	746	734	724	718	744	710	673	660	654	665	684	613	23416

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR SEPTEMBER 1943

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
MARYSVILLE	111	110	96	92	90	82	82	80	80	69	66	66	66	51	46	45	45	47	46	46	45	44	44	42	38	38	38	38	38	34		1815
TOTAL ABOVE SQUIRREL	111	110	96	92	90	82	82	80	80	69	66	66	66	51	46	45	45	47	46	46	45	44	44	42	38	38	38	38	38	34		1815
FARMERS OWN	29	29	20	20	19	19	19	19	19	19	19	19	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13		484
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
ENTERPRISE	138	137	134	132	132	131	130	129	116	104	104	104	104	105	101	97	96	96	86	76	74	73	73	73	73	72	73	74	74	74		2985
BELL	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	6	6	5	5	5	4	4	4	4	4	4	4		132
FALL RIVER	363	360	330	295	290	288	290	290	250	200	200	202	203	204	205	209	210	211	212	214	212	211	212	214	216	216	214	211	214	216		ⓐ 7162
McBEE	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	2	2	2	3	3	2	2	2	2	2	2		67
CHESTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		ⓐ 0
SILKEY	1	1	2	2	2	2	2	1	2	3	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	8	8		46
CURR	30	30	26	22	20	19	16	16	17	17	17	16	17	18	18	18	28	28	31	34	34	35	35	35	35	35	35	35	34	34		785
TOTAL SQUIRREL TO CHESTER	567	563	518	477	469	465	463	461	411	350	349	348	344	347	345	345	355	358	352	346	341	339	341	342	343	342	341	339	349	351		11661
HENRYS FORK CANALS																																
DEWEY	21	22	22	23	22	22	22	22	22	22	22	4	4	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4		329
LAST CHANCE	44	42	44	47	48	50	50	51	50	48	48	48	48	48	49	50	50	49	49	49	49	49	49	49	49	28	28	28	24	20		1335
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	403	404	374	344	344	344	344	344	344	344	333	322	323	324	324	325	326	317	318	320	270	218	200	186	186	186	165	144	142	141		8659
FARMERS FRIEND	58	56	44	31	30	28	28	28	27	26	27	28	28	28	29	30	30	43	44	46	46	47	47	46	45	44	42	40	41	41		1128
TWIN GROVES	106	102	97	89	81	82	82	82	83	84	84	84	84	84	85	85	82	78	79	80	78	78	78	78	77	78	79	79	79	79		2496
SALEM UNION	110	97	99	101	101	101	101	101	100	99	92	84	84	84	84	84	82	79	82	86	86	86	85	84	84	84	85	86	86	86		2703
TOTAL ASHTON TO ST. ANTHONY	742	723	680	635	626	627	627	628	626	623	606	570	571	572	576	579	575	571	577	586	534	483	464	448	446	424	403	381	376	371		16650
EGIN	227	225	212	198	196	194	188	181	181	169	170	171	172	172	173	174	173	172	174	176	167	158	158	158	159	160	160	160	156	153		5287
ST. ANTHONY UNION FEEDER	51	51	50	27	26	26	27	28	28	24	24	24	24	25	25	25	25	25	26	27	27	27	26	26	26	27	26	26	26	26		851
INDEPENDENT	254	258	222	187	170	153	153	153	153	123	124	124	130	139	142	142	130	116	100	99	90	81	90	96	110	120	122	124	110	108		4123
CONSOLIDATED FARMERS	156	146	136	138	134	135	136	138	139	136	138	139	134	130	131	131	130	129	129	129	129	129	126	124	124	124	124	124	122	121		3961
TOTAL ST. ANTHONY TO REXBURG	688	680	620	550	526	508	504	500	501	452	456	458	460	466	471	472	458	442	429	431	413	395	400	404	419	431	432	434	414	408		14222
TETON RIVER CANALS																																
SIDDOWAY	7	7	8	6	5	5	5	4	3	5	6	6	5	5	6	6	6	7	8	8	8	6	3	3	2	3	3	3	3	3		155
WILFORD	54	53	52	52	56	56	56	52	52	52	52	53	54	54	54	52	52	52	52	50	49	49	49	50	52	55	59	58	56	56		1593
TETON IRRIGATION	82	77	72	69	66	62	64	64	63	64	64	62	60	60	60	58	55	55	55	55	55	55	55	55	55	54	53	54	55	55		1813
GOOD LUCK	14	14	14	13	13	13	12	12	12	12	12	12	12	13	13	13	13	13	13	12	11	11	12	12	11	12	13	12	12	12		372
PIONEER	9	11	13	13	2	2	2	2	3	3	3	2	2	2	2	11	13	2	2	2	0	0	0	0	0	0	21	20	19	19		180
STEWART	9	11	13	12	10	10	8	8	7	7	7	7	7	7	6	5	5	5	14	16	13	0	0	0	0	2	2	0	0	0		191
PINCOCK-BYINGTON	5	5	5	5	5	5	7	7	6	6	5	5	6	6	6	6	5	5	5	3	3	3	3	3	3	3	3	1	1	1		132
PINCOCK-GARNER	10	8	8	7	7	7	6	6	6	6	6	6	7	7	4	4	4	4	2	2	1	1	10	10	10	8	7	7	7	7		185
TETON ISLAND FEEDER	162	182	183	183	183	183	179	174	174	170	160	166	172	172	172	205	200	200	200	200	200	202	204	204	204	204	204	202	200	200		5644
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	6	8	10	6	3	3	3	4	4	5	5	5	3	4	3	3	3	3	3	2	1	1	1	1	1	3	2	2	1	2		101
ISLAND WARD	6	34	37	26	16	16	16	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	8	10	10		[illegible]
WOODMANSEE-JOHNSON	21	22	23	20	17	22	22	23	24	24	25	22	20	14	8	10	11	8	6	6	3	3	6	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
CITY OF REXBURG	27	32	33	32	30	32	25	27	30	24	26	24	24	24	27	27	26	23	17	18	18	17	16	15	13	13	13	11	[illegible]	[illegible]		[illegible]
REXBURG IRRIGATION	124	127	134	143	142	141	132	133	134	133	132	129	126	131	124	120	116	116	118	113	112	110	107	110	111	111	110	109	108	108		[illegible]
McCORMICK-ROWE	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		33
SAURY-SOMMERS	11	12	11	11	10	10	10	10	10	11	12	12	13	12	11	11	12	10	9	8	6	4	4	4	4	6	9	9	10	10		[illegible]
TOTAL	550	611	621	601	568	560	550	536	538	532	522	518	520	517	496	531	523	503	509	499	484	467	472	475	476	481	506	496	489	487		15640

ⓐ 400 Sec. Ft. for Chester Canal diverted thru Fall R. Canal

HENRYS FOR

DATE	HENRYS LAKE CONTENTS ACRE-FEET	HENRYS FORK NEAR LAKE STOR	HENRYS FORK NEAR LAKE NORM	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 16								
17	82,157							
18	82,157						19	19
19							19	19
20	82,285						19	19
21							19	19
22	82,285						19	19
23	82,863						19	19
24	82,542						19	19
25	82,413						19	19
26							19	19
27	82,157						19	19
28		0	68	68	0		19	19
29	82,157	33	60	93	1		19	51
30	82,029	101	58	159	4		19	116
31	82,029	123	56	179	5		19	137
Aug. 1	81,901	215	55	270	9		19	225
2	81,645	240	54	294	10	0	19	249
3	81,262	219	53	272	9	2	19	227
4	80,624	150	52	202	6	2	19	161
5	79,860	147	51	198	6	2	19	158
6	79,478	144	50	194	6	2	19	155
7	79,605	147	49	196	6	2	19	158
8	79,098	149	48	197	6	2	19	160
9	78,846	156	47	203	6	2	19	167
10	78,594	162	46	208	6	2	19	173
11	78,342	-13	45	32	-1	2	19	5
12	78,090	- 5	45	40	0	2	19	12
13	78,216	0	45	45	0	2	12	10
14	78,342	2	43	45	0	2	12	12
15	78,216	2	42	44	0	2	12	12
16	78,090	3	40	43	0	2	12	13
17	77,964	7	38	45	0	2	12	17
18	77,838	8	36	44	0	2	12	18
19	77,964	9	35	44	1	2	12	18
20	77,964	9	33	42	0	2	12	19
21	77,964	9	32	41	0	2	12	19
22	77,964	10	30	40	1	2	12	19
23	77,901	13	28	41	0	2	12	23
24	77,838	14	28	42	1	2	12	23
25	77,712	13	28	41	0	2	12	23
26	77,649	11	28	39	1	2	12	20
27	77,586	11	28	39	0	2	12	21
28	77,460	11	28	39	1	2	12	20
29	77,334	11	28	39	0	2	12	21
30	77,208	10	28	38	1	2	12	19
31	77,082	8	28	36	0	2	12	18

DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FEET	HENRYS FORK NEAR ISLAND PARK STOR.	HENRYS FORK NEAR ISLAND PARK NORM.	HENRYS FORK NEAR ISLAND PARK TOTAL	STORED LOSS ISLAND PARK TO ASHTON
July 17	133,430				
18	133,350				
19	133,350	-11	515	504	-1
20	133,430	-11	510	499	0
21	133,350	-11	519	508	0
22	133,350	-11	515	504	0
23	133,350	-11	515	504	-1
24	133,430	-11	515	504	0
25	133,350	-11	515	504	0
26	133,430	-11	519	508	0
27	133,430	-11	538	527	0
28	133,590	-11	542	531	-1
29	133,510	-11	524	513	0
30	133,430	4	500	504	1
31	133,510	86	493	579	2
Aug. 1	133,350	124	483	607	3
2	133,190	145	482	627	4
3	133,270	151	481	632	4
4	133,350	161	481	642	4
5	133,350	151	481	632	4
6	133,350	141	481	622	4
7	133,590	192	440	632	5
8	133,430	201	436	637	5
9	133,350	195	432	627	5
10	133,190	179	428	607	4
11	133,190	179	424	603	4
12	133,030	146	423	569	4
13	132,710	151	423	574	4
14	132,310	180	423	603	4
15	131,830	180	423	603	6
16	131,590	238	423	661	9
17	131,115	355	425	780	12
18	130,565	469	428	897	15
19	129,695	600	430	1030	17
20	128,595	678	432	1110	21
21	127,110	827	433	1260	20
22	125,475	825	435	1260	20
23	123,860	823	437	1260	20
24	122,335	821	439	1260	20
25	120,820	818	442	1260	23
26	119,085	907	443	1350	23
27	117,370	907	443	1350	21
28	115,670	857	443	1300	20
29	114,005	817	443	1260	20
30	112,530	817	443	1260	20
31	110,870	813	447	1260	19
Sept. 1	109,515	762	488	1250	

DATE	HENRYS FORK NEAR ASHTON STOR.	HENRYS FORK NEAR ASHTON NORM.	HENRYS FORK NEAR ASHTON TOTAL	GRASSY LAKE STORAGE RELEASE ⓐ	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY ⓑ
July 18					
19					
20	-10	1400	1390		
21	-11	1411	1400		
22	-11	1391	1380		
23	-11	1481	1470		
24	-10	1400	1390		
25	-11	1371	1360		
26	-11	1401	1390		
27	-11	1391	1380		
28	-11	1391	1380		
29	-10	1390	1380		
30	-11	1391	1380		
31	3	1357	1360		
Aug. 1	84	1356	1440		
2	121	1359	1480		
3	141	1339	1480		143
4	147	1333	1480		143
5	157	1313	1470		143
6	147	1323	1470		145
7	137	1333	1470		146
8	187	1313	1500		148
9	196	1274	1470		148
10	190	1250	1440		146
11	175	1215	1390		143
12	175	1275	1450		142
13	142	1188	1330		231
14	147	1243	1390		514
15	176	1204	1380		489
16	176	1274	1450		482
17	232	1208	1440		487
18	346	1234	1580		472
19	457	1373	1830		474
20	585	1225	1810		466
21	661	1339	2000		464
22	806	1274	2080		472
23	805	1255	2060		499
24	803	1257	2060		468
25	801	1259	2060		455
26	798	1322	2120		417
27	884	1276	2160		418
28	884	1276	2160		417
29	836	1244	2080		420
30	797	1283	2080		429
31	797	1283	2080		439
Sept. 1	793	1287	2080		414
2	743	1357	2100		415

HENRYS FORK - DAILY SEGREGATION

24 HOUR SECOND-FEET EXCEPT AS NOTE

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 ⓐ	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY ⓑ	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	DATE	STORAGE AT HENRYS FORK NEAR REXBURG
		STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL			STOR	NORM	TOTAL			
July 17	133,430					July 18										July 19	
18	133,350					19										20	
19	133,350	-11	515	504	-1	20	-10	1400	1390			-10	1060	1050		21	-10
20	133,430	-11	510	499	0	21	-11	1411	1400			-11	1061	1050		22	-11
21	133,350	-11	519	508	0	22	-11	1391	1380			-11	1141	1130		23	-11
22	133,350	-11	515	504	0	23	-11	1481	1470			-11	1371	1360	59	24	-70
23	133,350	-11	515	504	-1	24	-10	1400	1390			-10	1210	1200	53	25	-63
24	133,430	-11	515	504	0	25	-11	1371	1360			-11	1111	1100	48	26	-59
25	133,350	-11	515	504	0	26	-11	1401	1390			-11	1121	1110	39	27	-50
26	133,430	-11	519	508	0	27	-11	1391	1380			-11	1091	1080	34	28	-45
27	133,430	-11	538	527	0	28	-11	1391	1380			-11	1021	1010	31	29	-42
28	133,590	-11	542	531	-1	29	-10	1390	1380			-10	907	897	30	30	-40
29	133,510	-11	524	513	0	30	-11	1391	1380			-11	807	796	26	31	-37
30	133,430	4	500	504	1	31	3	1357	1360			3	843	846	16	Aug. 1	-13
31	133,510	86	493	579	2	Aug. 1	84	1356	1440			84	888	972	7	2	77
Aug. 1	133,350	124	483	607	3	2	121	1359	1480			121	819	940	5	3	116
2	133,190	145	482	627	4	3	141	1339	1480		143	-2	964	962	10	4	-12
3	133,270	151	481	632	4	4	147	1333	1480		143	4	947	951	13	5	-9
4	133,350	161	481	642	4	5	157	1313	1470		143	14	883	897	13	6	1
5	133,350	151	481	632	4	6	147	1323	1470		145	2	874	876	8	7	-6
6	133,350	141	481	622	4	7	137	1333	1470		146	-9	917	908	2	8	-11
7	133,590	192	440	632	5	8	187	1313	1500		148	39	923	962	2	9	37
8	133,430	201	436	637	5	9	196	1274	1470		148	48	914	962	3	10	45
9	133,350	195	432	627	5	10	190	1250	1440		146	44	886	930	0	11	44
10	133,190	179	428	607	4	11	175	1215	1390		143	32	898	930	3	12	29
11	133,190	179	424	603	4	12	175	1275	1450		142	33	929	962	3	13	30
12	133,030	146	423	569	4	13	142	1188	1330		231	-89	945	856	60	14	-149
13	132,710	151	423	574	4	14	147	1243	1390		514	-367	1183	816	321	15	-688
14	132,310	180	423	603	4	15	176	1204	1380		489	-313	1169	856	370	16	-683
15	131,830	180	423	603	4	16	176	1274	1450		482	-306	1203	897	381	17	-693
16	131,590	238	423	661	6	17	232	1208	1440		487	-255	1185	930	353	18	-608
17	131,115	355	425	780	9	18	346	1234	1580		472	-126	1206	1080	398	19	-524
18	130,565	469	428	897	12	19	457	1373	1830		474	-17	1277	1260	379	20	-396
19	129,695	600	430	1030	15	20	585	1225	1810		466	119	1191	1310	361	21	-242
20	128,595	678	432	1110	17	21	661	1339	2000		464	197	1223	1420	346	22	-149
21	127,110	827	433	1260	21	22	806	1274	2080		472	334	1206	1540	343	23	- 9
22	125,475	825	435	1260	20	23	805	1255	2060		499	306	1234	1540	350	24	-44
23	123,860	823	437	1260	20	24	803	1257	2060		468	335	1245	1580	346	25	-11
24	122,335	821	439	1260	20	25	801	1259	2060		455	346	1264	1610	310	26	36
25	120,820	818	442	1260	20	26	798	1322	2120		417	381	1249	1630	303	27	78
26	119,085	907	443	1350	23	27	884	1276	2160		418	466	1234	1700	303	28	163
27	117,370	907	443	1350	23	28	884	1276	2160		417	467	1193	1660	316	29	151
28	115,670	857	443	1300	21	29	836	1244	2080		420	416	1174	1590	336	30	80
29	114,005	817	443	1260	20	30	797	1283	2080		429	368	1192	1560	341	31	27
30	112,530	817	443	1260	20	31	797	1283	2080		439	358	1232	1590	337	Sept. 1	21
31	110,870	813	447	1260	20	Sept. 1	793	1287	2080		414	379	1281	1660	299	2	80
Sept. 1	109,515	762	488	1250	19	2	743	1357	2100		415	328	1332	1660	317	3	11

DATE	HENRYS LAKE CONTENTS ACRE-FEET	HENR NEAR
		STOR
Sept. 1	76,956	8
2	76,893	8
3	76,830	8
4	76,830	8
5	76,830	8
6	76,767	8
7	76,704	8
8	76,578	8
9		8
10	76,515	8
11	76,452	8
12		9
13		8
14		8
15		7
16		6
17		6
18	76,200	2
19		0
20		
21		
22		
23		
24		
25	76,200	
TOTALS		2263

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FORK - DAILY SEGREGATION OF FLOW 1943

24 HOUR SECOND-FEET EXCEPT AS NOTED

AGE IONS N TO THONY)	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	DATE	STORAGE AT HENRYS FORK NEAR REXBURG
	STOR.	NORM	TOTAL			
					July 19	
					20	
	-10	1060	1050		21	-10
	-11	1061	1050		22	-11
	-11	1141	1130		23	-11
	-11	1371	1360	59	24	-70
	-10	1210	1200	53	25	-63
	-11	1111	1100	48	26	-59
	-11	1121	1110	39	27	-50
	-11	1091	1080	34	28	-45
	-11	1021	1010	31	29	-42
	-10	907	897	30	30	-40
	-11	807	796	26	31	-37
	3	843	846	16	Aug. 1	-13
	84	888	972	7	2	77
	121	819	940	5	3	116
	-2	964	962	10	4	-12
	4	947	951	13	5	-9
	14	883	897	13	6	1
	2	874	876	8	7	-6
	-9	917	908	2	8	-11
	39	923	962	2	9	37
	48	914	962	3	10	45
	44	886	930	0	11	44
	32	898	930	3	12	29
	33	929	962	3	13	30
	-89	945	856	60	14	-149
	-367	1183	816	321	15	-688
	-313	1169	856	370	16	-683
	-306	1203	897	387	17	-693
	-255	1185	930	353	18	-608
	-126	1206	1080	398	19	-524
	-17	1277	1260	379	20	-396
	119	1191	1310	361	21	-242
	197	1223	1420	346	22	-149
	334	1206	1540	343	23	-9
	306	1234	1540	350	24	-44
	335	1245	1580	346	25	-11
	346	1264	1610	310	26	36
	381	1249	1630	303	27	78
	466	1234	1700	303	28	163
	467	1193	1660	316	29	151
	416	1174	1590	336	30	80
	368	1192	1560	341	31	27
	358	1232	1590	337	Sept. 1	21
	379	1281	1660	299	2	80
	328	1332	1660	317	3	11

DATE	HENRYS LAKE CONTENTS ACRE-FEET	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	STORAGE DIVERSIONS ABOVE ISLAND PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FEET	HENRYS FORK NEAR ISLAND PA		
		STOR	NORM	TOTAL							STOR.	NORM.	TOTA
Sept. 1	76,956	8	27	35	0	2	12	18	Sept. 2	107,950	762	488	
2	76,893	8	27	35	1	2	12	17	3	106,765	762	488	
3	76,830	8	27	35	0	2	12	18	4	105,360	731	489	
4	76,830	8	27	35	0	2	12	18	5	104,040	642	488	
5	76,830	8	27	35	1	2	12	17	6	102,730	643	487	
6	76,767	8	27	35	0	2	12	18	7	101,640	643	487	
7	76,704	8	27	35	0	1	12	19	8	100,285	593	487	
8	76,578	8	27	35	1	0	12	19	9	98,675	473	487	
9		8	27	35	0		12	20	10	98,475	473	487	
10	76,515	8	27	35	0		12	20	11	97,610	492	468	
11	76,452	8	27	35	1		12	19	12	96,750	492	468	
12		9	27	36	0		12	21	13	95,825	492	468	
13		8	27	35	0		12	20	14	94,975	492	468	
14		8	27	35	1		12	19	15	94,065	492	468	
15		7	27	34	0		12	19	16	92,965	469	470	
16		6	27	33	0		12	18	17	92,320	372	468	
17		6	27	33	1		12	17	18	91,620	372	468	
18	76,200	2	27	29	0		12	14	19	90,985	372	468	
19		0	26	26	0		12	12	20	90,225	372	468	
20							12	12	21	89,595	372	468	
21							12	12	22	88,780	372	468	
22							12	12	23	88,156	372	468	
23							12	12	24	87,535	372	468	
24							12	12	25	86,975	374	466	
25	76,200						12	12	26	86,115	374	466	
TOTALS		2263			91	71	1022	3123			27,154		

a Listed here 1 day later than at dam.

b Includes storage diversions from Fall River.

PLATE NO. 21

OW 1943

F.M.DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FEET	HENRYS FORK NEAR ISLAND PARK STOR.	HENRYS FORK NEAR ISLAND PARK NORM.	HENRYS FORK NEAR ISLAND PARK TOTAL	STORED LOSS ISLAND PARK TO ASHTON
12	18	Sept. 2	107,950	762	488	1250	19
12	17	3	106,755	762	488	1250	19
12	18	4	105,360	731	489	1220	18
12	18	5	104,040	642	488	1130	16
12	17	6	102,730	643	487	1130	16
12	18	7	101,640	643	487	1130	16
12	19	8	100,285	593	487	1080	15
12	19	9	98,675	473	487	960	12
12	20	10	98,475	473	487	960	12
12	20	11	97,610	492	468	960	12
12	19	12	96,750	492	468	960	12
12	21	13	95,825	492	468	960	12
12	20	14	94,975	492	468	960	12
12	19	15	94,065	492	468	960	12
12	19	16	92,965	469	470	939	12
12	18	17	92,320	372	468	840	9
12	17	18	91,620	372	468	840	9
12	14	19	90,985	372	468	840	10
12	12	20	90,225	372	468	840	9
12	12	21	89,595	372	468	840	9
12	12	22	88,780	372	468	840	10
12	12	23	88,155	372	468	840	9
12	12	24	87,535	372	468	840	9
12	12	25	86,975	374	466	840	10
12	12	26	86,115	374	466	840	9
1022	3123			27,154			676

DATE	HENRYS FORK NEAR ASHTON STOR.	HENRYS FORK NEAR ASHTON NORM.	HENRYS FORK NEAR ASHTON TOTAL	GRASSY LAKE STORAGE RELEASE (a)	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY (b)	HENRYS FORK AT ST. ANTHONY STOR.	HENRYS FORK AT ST. ANTHONY NORM.	HENRYS FORK AT ST. ANTHONY TOTAL	STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	DATE	STORAGE AT HENRYS FORK NEAR REXBURG
Sept. 3	743	1377	2120		379	364	1516	1880	286	Sept. 4	78
4	743	1337	2080		352	391	1429	1820	246	5	145
5	713	1247	1960		348	365	1365	1730	214	6	151
6	626	1294	1920		339	287	1373	1660	196	7	91
7	627	1273	1900		338	289	1371	1660	186	8	103
8	627	1233	1860		336	291	1339	1630	173	9	118
9	578	1232	1810		321	257	1383	1640	174	10	83
10	461	1239	1700		295	166	1354	1520	142	11	24
11	461	1269	1730		293	168	1472	1640	140	12	28
12	480	1250	1730		276	204	1426	1630	138	13	66
13	480	1250	1730		270	210	1420	1630	144	14	66
14	480	1240	1720		256	224	1366	1590	153	15	71
15	480	1240	1720		245	235	1375	1610	155	16	80
16	480	1240	1720		242	238	1372	1610	155	17	83
17	457	1173	1630	0	241	216	1344	1560	143	18	73
18	363	1197	1560	101	255	209	1231	1440	129	19	80
19	363	1237	1600	63	245	181	1359	1540	123	20	58
20	362	1238	1600	78	237	203	1357	1560	118	21	85
21	363	1237	1600	0	234	129	1411	1540	105	22	24
22	363	1247	1610		233	130	1430	1560	92	23	38
23	362	1248	1610		233	129	1431	1560	104	24	25
24	363	1217	1580		230	133	1427	1560	108	25	25
25	363	1247	1610		225	138	1442	1580	121	26	17
26	364	1246	1610		0	364	1246	1610	0	27	364
27	365	1295	1660			365	1315	1680	0	28	365
	26,478			242	17,212	9508			10826		-1318

an at dam.

from Fall River.

STORAGE DIVERSIO

NAME OF CANAL	NO.	JULY												AUGUST																				
		20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Users above Island Park Reservoir	1																																	
	2																																	
Boom Creek Canal	3																																	
Squirrel Creek Canal	4															2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Conant Creek Canal	5																																	
R.B. Peterson (Conant Creek)	6																									6	6	6	6	6	3	3	3	3
Yellowstone Canal	7																										5	5	4	4	4	4	4	4
Marysville Canal	8																										22	21	22	21	20	20	19	18
Farmers Own Canal	9																										13	15	15	16	16	16	16	18
Enterprise Canal	10																										144	144	143	142	136	136	136	136
Bell Canal	11																										44	39	36	36	32	32	32	32
Fall River Canal	12															143	143	143	145	146	148	148	146	143	142	141	140	140	140	140	140	140	139	138
Chester Canal	13																																	
McBee Canal	14																																	
Silkey Canal	15																													9	6	4	0	0
Curr Canal	16																																	
Dewey Canal	17																																	
Last Chance Canal	18																																	
St. Anthony Union Canal	19																										21	20	20	20	20	21	21	21
Farmers Friend Canal	20																										53	52	50	48	49	50	50	49
Twin Groves Canal	21																									84	66	47	46	45	46	48	46	45
Salem Union Canal	22																																	
	23																																	
Total Ashton to St. Anthony	24															143	143	143	145	146	148	148	146	143	142	231	514	489	482	487	472	474	466	464
	25																																	
Egin Canal	26																																	
Independent Canal	27																										243	241	251	247	252	258	253	249
Consolidated Farmers Canal	28																																	
Teton Basin Users	29			②	59	53	48	39	34	31	30	26	16	7	5	10	13	13	8	2	2	0	0	3	3	3	3	3	2	2	28	27	27	26
Canyon Creek Canal	30																									15	15	15	16	16	16	16	15	15
Siddoway Canal	31																																	
Wilford Canal	32																											4	10	4	10	11	12	6
Good Luck Canal	33																											11	10	0	0	0	2	2
Teton Irrigation Canal	34																																	
Pioneer Canal	35																											17	17	4	14	4	4	3
Stewart Canal	36																											13	13	13	13	13	13	12
Thompson-Eames Canal	37																												2	2	2	2	2	2
Pincock Byington Canal	38																				0	3	0											
Pincock Garner Canal	39																											2	1	0				
Gardner Canal	40																																	
Teton Island Feeder Canal	41																																	
Roxana Canal	42																																	
Island Ward Canal	43																									42	42	50	58	58	59	44	28	
Woodmansee-Johnson Canal	44																										18	14	7	7	4	4	5	
Rexburg Irrigation Canal	45																																	
McCormick-Rowe Canal	46																																	
	47																																	
Total St. Anthony to Rexburg	48				59	53	48	39	34	31	30	26	16	7	5	10	13	13	8	2	2	3	0	3	3	60	321	370	387	353	398	379	361	

STORAGE DIVERSIONS ON HENRYS FORK AN

24 HOUR SECOND-FEET EXCEPT AS N

Y							AUGUST																															SEPTE									
5	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10
									2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1			
																			6	6	6	6	6	3	3	3	3	3	3	3	2																
																				5	5	4	4	4	4	4	4	3	3																		
																				22	21	22	21	20	20	19	18	18	18	18	18	18	18	17	17	17	15	16	16	16	14	14	14	14	14	14	14
																				13	15	15	16	16	16	16	18	18	18	18	17																
																				144	144	143	142	136	136	136	136	134	134	134	134	132	132	128	127	126	130	111	110	96	92	90	82	82	80	80	69
																				44	39	36	36	32	32	32	32	32	27	27	27	27	27	27	27	27	23	22	22	13	13	12	12	12	12	12	12
									143	143	143	145	146	148	148	146	143	142	141	140	140	140	140	140	140	139	138	138	137	137	137	138	139	138	136	138	140	138	137	134	132	132	131	130	129	116	104
																							9	6	4	0	0	14	31	10	0																
																													19	18	17						4	4	10	10							
																				21	20	20	20	20	21	21	21	21	21	21	22	22	23	22	21	21	20	21	22	22	23	22	22	22	22	22	2
																				53	52	50	48	49	50	50	49	49	48	48	48	48	48	47	46	46	46	44	42	44	47	48	50	50	51	50	4
																			84	66	47	46	45	46	48	46	45	42	40	34	33	32	31	38	46	54	61	58	56	44	31	30	28	28	28	27	2
									143	143	143	145	146	148	148	146	143	142	231	514	489	482	487	472	474	466	464	472	499	468	455	417	418	417	420	429	439	414	415	379	352	348	339	338	336	321	2
																				243	241	251	247	252	258	253	249	254	258	236	214	216	218	233	249	250	251	254	258	222	187	170	153	153	153	153	1
	39	34	31	30	26	16	7	5	10	13	13	8	2	2	0	0	3	3	3	3	3	2	2	28	27	27	26	25	25	21	20	19	21	21	21	20	20	20									
																			15	15	15	16	16	16	16	15	15	14	14	14	14	13	13	12	12	12	12	13	13	14	12	12	12	12	12	12	
																					4	10	4	10	11	12	6	1																			
																					11	10	0	0	0	2	2	3	3	2	2	3	3	3	4	5	5	4	4	4	3	3	3	2	2	2	
																					17	17	4	14	4	4	3	3	4	4																	
																					13	13	13	13	13	13	12	12	11	10	10	10	8	6	8	11	11	0	2	4	3	0					
																						2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
																																	0	2	1	0	0	1	0								
																					2	1	0																								
														0	3	0																															
																			42	42	50	58	58	59	44	28	28	28	32	36	33	30	33	37	37	37	37	6	39	37	26	16	16	16	2	2	
																				18	14	7	7	4	4	5	3	1	1	1																	
																														21	16	11	6	1	3	5	0	0	0	4	13	12	11	2	3	4	
	39	34	31	30	26	16	7	5	10	13	13	8	2	2	3	0	3	3	60	321	370	387	353	398	379	361	346	343	350	346	310	303	303	316	336	341	337	299	317	286	246	214	196	186	173	17	

DIVERSIONS ON HENRYS FORK AND TRIBUTARIES 1943

24 HOUR SECOND-FEET EXCEPT AS NOTED

UST																SEPTEMBER																												RESE
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	NO.	TOTAL SECOND-FEET	TOTAL ACRE-FEET	F.M. DIST. ALLOTMENT
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1																			1	71	140	
																																									2			
6	6	3	3	3	3	3	3	3	2																																3	53	105	
4	4	4	4	4	4	3	3																																		4	40	79	
22	21	20	20	19	18	18	18	18	18	18	18	17	17	17	15	16	16	16	14	14	14	14	14	14	14	14	14	14	14	9	9	9	9	9	9	9	9	9	9	9	5	638	1265	
																																									6			2186
15	16	16	16	16	18	18	18	18	17																																7	196	389	30
43	142	136	136	136	136	134	134	134	134	132	132	128	127	126	130	111	110	96	92	90	82	82	80	80	69	66	66	66	51	46	45	45	47	46	46	45	44	44	42	38	8	4067	8047	1637
36	36	32	32	32	32	32	27	27	27	27	27	27	27	27	23	22	22	13	13	12	12	12	12	12	12	12	12	6	6	6	6	6	6	6	6	6	6	6	6	6	9	798	1583	18,703
40	140	140	140	139	138	138	137	137	137	138	139	138	136	138	140	138	137	134	132	132	131	130	129	116	104	104	104	104	105	101	97	96	96	86	76	74	73	73	73	73	10	6701	13,291	8633
																																									11	0	0	0
	9	6	4	0	0	14	31	10	0																																12	74	147	50
							19	18	17						4	4	10	10																							13	82	163	8312
																																									14	0	0	1225
																																									15	0	0	80
																																									16	0	0	504
0	20	20	21	21	21	21	21	21	22	22	23	22	21	21	20	21	22	22	23	22	22	22	22	22	22	22	4	4	4	5	5	5	5	5	5	5	5	5	5	5	17	687	1363	60
0	48	49	50	50	49	49	48	48	48	48	48	47	46	46	46	44	42	44	47	48	50	50	51	50	48	48	48	48	48	49	50	50	49	49	49	49	49	49	49	49	18	2082	4130	619
																																									19	0	0	1806
6	45	46	48	46	45	42	40	34	33	32	31	38	46	54	61	58	56	44	31	30	28	28	28	27	26	27	28	28	28	29	30	30	43	44	46	46	47	47	46	45	20	1804	3576	3670
																																									21	0	0	5619
																																									22	0	0	4701
																																									23			8152
2	487	472	474	466	464	472	499	468	455	417	418	417	420	429	439	414	415	379	352	348	339	338	336	321	295	293	276	270	256	245	242	241	255	245	237	234	233	233	230	225	24	17,212	34,138	65,987
																																									25			
																																									26	0	0	233
1	247	252	258	253	249	254	258	236	214	216	218	233	249	250	251	264	258	222	187	170	153	153	153	153	123	124	124	130	139	142	142	130	116	100	99	90	81	90	96	110	27	7912	15,693	942
																																									28	0	0	497
2	2	28	27	27	26	25	25	21	20	19	21	21	21	20	20	20																									29	756	1500	
	16	16	16	15	15	14	14	14	14	13	13	12	12	12	12	13	13	14	13	12	12	12	12	12	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	30	544	1079	
																																									31	0	0	50
0	4	10	11	12	6	1																																			32	58	115	245
0	0	0	0	2	2	3	3	2	2	3	3	3	4	5	5	4	4	4	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	1	1	2	2	1	33	119	236	32
																																									34	0	0	147
	4	14	4	4	3	3	4	4																																	35	74	146	15
3	13	13	13	13	12	12	11	10	10	10	8	6	8	11	11	0	2	4	3	0														10	7	4					36	217	430	45
2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																	37	33	65	12
																																									38	0	0	23
	0										0	2	1	0	0	1	0																								39	7	14	36
																																					0	2	0	0	40	5	10	21
																																									41	0	0	923
																																									42	0	0	78
	58	59	44	28	28	28	32	36	33	30	33	37	37	37	37	6	39	37	26	16	16	16	2	2	2	2	2	2	2	0											43	919	1823	360
	7	4	4	5	3	1	1	1																																	44	③ 65	③ 129	13
								21	16	11	6	1	3	5	0	0	0	4	13	12	11	2	3	4	3	2															45	117	232	24
																																									46	0	0	1
																																									47			
	353	398	379	361	346	343	350	346	310	303	303	316	336	341	337	299	317	286	246	214	196	186	173	174	142	140	138	144	153	155	155	143	129	123	118	105	92	104	108	121	48	10,826	21,472	40,6

FORK AND TRIBUTARIES 1943

XCEPT AS NOTED

PLATE NO. 22

SEPTEMBER																			NO.	TOTAL SECOND-FEET	TOTAL ACRE-FEET	RESERVOIR RIGHTS IN ACRE-FEET					
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25				F.M. DIST. ALLOTMENT	HENRYS LAKE	AMERICAN FALLS	RENTALS	TOTAL RIGHT	HEADGATE EQUIVALENT
1																			1	71	140				① 140	140	140
																			2								
																			3	53	105				① 108	108	105
																			4	40	79				① 82	82	79
14	14	14	14	14	14	14	14	9	9	9	9	9	9	9	9	9	9	9	5	638	1265	2186	0	0	0	2186	2132
																			6			30	0	0	0	30	29
																			7	196	389	1637				1637	1596
82	80	80	69	66	66	66	51	46	46	45	47	46	46	45	44	44	42	38	8	4057	8047	18,703			① 150	18,853	18,383
2	12	12	12	12	12	6	6	6	6	6	6	6	6	6	6	6	6	6	9	798	1583	8633			① 44	8677	8461
0	129	116	104	104	104	104	105	101	97	96	96	86	76	74	73	73	73	73	10	6701	13,291	0	0	20,910	0	20,910	19,390
																			11	0	0	50				50	49
																			12	74	147	8312				8312	8105
																			13	82	163	1225				1225	1195
																			14	0	0	80				80	78
																			15	0	0	504				504	491
																			16	0	0	60				60	59
	22	22	22	22	4	4	4	5	5	5	5	5	5	5	5	5	5	5	17	687	1363	619				619	604
	51	50	48	48	48	48	48	49	50	50	49	49	49	49	49	49	49	49	18	2082	4130	1806	④ 12,111			13,917	13,571
																			19	0	0	3670	5383			9053	8828
	28	27	26	27	28	28	28	29	30	30	43	44	46	46	47	47	46	45	20	1804	3576	5619				5619	5479
																			21	0	0	4701				4701	4584
																			22	0	0	8152	19,156			27,308	26,628
																			23								
	36	321	295	293	276	270	256	245	242	241	255	245	237	234	233	233	230	225	24	17,212	34,138	65,987	36,650	20,910	① 384	123,931	119,846
																			25								
																			26	0	0	2336	5383			7719	7527
	53	153	123	124	124	130	139	142	142	130	116	100	99	90	81	90	96	110	27	7912	15,693	9420	21,214			30,634	29,872
																			28	0	0	4972	15,910			20,882	20,362
																			29	756	1500	0	0	0	① 1649	1649	1500
	2	12	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	30	544	1079	0	0	0	① 1120	1120	1092
																			31	0	0	505				505	492
																			32	58	115	2458				2458	2397
	2	2	2	2	2	2	2	3	3	3	3	3	2	1	1	2	2	1	33	119	236	329				329	321
																			34	0	0	1470	0	0	0	1470	1433
																			35	74	146	150				150	146
		1										10	7	4					36	217	430	452			① 70	522	509
																			37	33	65	120				120	117
																			38	0	0	230	0	0	0	230	224
																			39	7	14	366	0	0	0	366	357
														0	2	0	0		40	5	10	212	0	0	0	212	207
																			41	0	0	9234	0	0	0	9234	9004
																			42	0	0	789				789	769
		2	2	2	2	2	2	0											43	919	1823	3601				3601	3511
		4	3	2															44	③ 65	③ 129	1390			① 15	1405	1370
																			45	117	232	2490				2490	2428
																			46	0	0	120				120	117
																			47								
		4	142	140	138	144	153	155	155	143	129	123	118	105	92	104	108	121	48	10,826	21,472	40,644	42,507	0	① 2854	86,005	83,755

NOTES

① Rented from Fremont-Madis

② Listed here as ½ of qu
diverted 1 day earlier in T

③ Drawn in part thru Cit
Rexburg Canal.

④ Drawn in part thru Dew

BUTARIES

1943

PLATE NO. 22

18	19	20	21	22	23	24	25	NO.	TOTAL SECOND-FEET	TOTAL ACRE-FEET	RESERVOIR RIGHTS IN ACRE-FEET					
											F.M. DIST. ALLOTMENT	HENRYS LAKE	AMERICAN FALLS	RENTALS	TOTAL RIGHT	HEADGATE EQUIVALENT
								1	71	140				① 140	140	140
								2								
								3	53	105				① 108	108	105
								4	40	79				① 82	82	79
	9	9	9	9	9	9	9	5	638	1265	2186	0	0	0	2186	2132
								6			30	0	0	0	30	29
								7	196	389	1637				1637	1596
	46	46	45	44	44	42	38	8	4057	8047	18,703			① 150	18,853	18,383
	6	6	6	6	6	6	6	9	798	1583	8633			① 44	8677	8461
	6	76	74	73	73	73	73	10	6701	13,291	0	0	20,910	0	20,910	19,390
								11	0	0	50				50	49
								12	74	147	8312				8312	8105
								13	82	163	1225				1225	1195
								14	0	0	80				80	78
								15	0	0	504				504	491
								16	0	0	60				60	59
		5	5	5	5	5	5	17	687	1363	619				619	604
		49	49	49	49	49	49	18	2082	4130	1806	④ 12,111			13,917	13,571
								19	0	0	3670	5383			9053	8828
		46	46	47	47	46	45	20	1804	3576	5619				5619	5479
								21	0	0	4701				4701	4584
								22	0	0	8152	19,156			27,308	26,628
								23								
		7	234	233	233	230	225	24	17,212	34,138	65,987	36,650	20,910	① 384	123,931	119,846
								25								
								26	0	0	2336	5383			7719	7527
		9	90	81	90	96	110	27	7912	15,693	9420	21,214			30,634	29,872
								28	0	0	4972	15,910			20,882	20,362
								29	756	1500	0	0	0	① 1649	1649	1500
			10	10	10	10	10	30	544	1079	0	0	0	① 1120	1120	1092
								31	0	0	505				505	492
								32	58	115	2458				2458	2397
			1	1	2	2	1	33	119	236	329				329	321
								34	0	0	1470	0	0	0	1470	1433
								35	74	146	150				150	146
			4					36	217	430	452			① 70	522	509
								37	33	65	120				120	117
								38	0	0	230	0	0	0	230	224
								39	7	14	366	0	0	0	366	357
				0	2	0	0	40	5	10	212	0	0	0	212	207
								41	0	0	9234	0	0	0	9234	9004
								42	0	0	789				789	769
								43	919	1823	3601				3601	3511
								44	③ 65	③ 129	1390			① 15	1405	1370
								45	117	232	2490				2490	2428
								46	0	0	120				120	117
								47								
			5	92	104	108	121	48	10,826	21,472	40,644	42,507	0	① 2854	86,005	83,755

NOTES

① Rented from Fremont-Madison District.

② Listed here as ½ of quantity diverted 1 day earlier in Teton Basin.

③ Drawn in part thru City of Rexburg Canal.

④ Drawn in part thru Dewey Canal.

MIS

STREAM	MAY												JUNE																						
	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
UPPER TETON RIVER																																			
Trail Creek above String Canal	71				165			208				287				208			171			188		218			229			260			314		317
Game Creek at Mouth	25				98			115				149				62			49			57		82			79			121			164		160
String Canal								39				42				84			81					77			77			82			92		96
Kimball Canal						29						32				39			33			38		41			42			49					50
Ricks-Kirsley Canal						21						48				27			21			20		23			23			35					53
Town Canal												30				46			40			39		44			50			61					81
Edwards Canal																																			
Spencer Canal						35						51				36			31			29		37			39			48					51
Humble Canal						13						20				8			6			7		13			13			18					16
Tonks Canal						2						44				46			31			27		44			44			26					46
Fox Creek above Diversions	22							102											36			58		80			94	66		162			154		158
Darby Creek above Diversions	30											266			128				60			89		156				112		257			344		350
Grand Teton Canal	70					123			195					213								156		220					195					266	
Teton Creek below Grand Teton Canal	5					312			440					192								47		112					97					448	
Central Teton Canal									47													17							15						
South Leigh Creek at State Line	24					132								108						29						106			84					303	
Big Hogg Canal	21					37				56									67							69			69					65	
Little Hogg Canal	1					3				2									1							2			2					7	
Kilpack Canal	1					2				3									1							1			1					1	
North Leigh Creek at Forest Boundary						204														85						193			167					340	
Spring Creek at Highway Bridge	38				103	132								203				127		80	74					172			122						
Tetonia Canal		10												21																					
Badger Creek 2 Miles East of Honeydale School											225			228						89						86			82					227	
Canyon Creek Canal	0	3			3														34																
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																			0 Flow Started			
Squirrel Creek Canal													0							0															
Conant Creek Canal													0							0 Flow Started															

MISCELLANEOUS STREAM FLOW REC

24 HOUR SECOND-FEET

AY						JUNE																														JULY																					
26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	208				287				208			171			188		218			229			260			314		317		314			307			317		294				280		277			246			215				182			170
	115				149				62			49			57		82			79			121			164		160		171			153			174		131			142	142		142			119			90				86			79
	39				42				84			81					77			77			82			92		96		96			102			100		92				86		90			84							68			74
					32				39			33			38		41			42			49					50		52			50			57		61		57	53	53		61			52			50			49				40
					48				27			21			20		23			23			35					53		46			45			43		40		27	27	27		36			35			28			15				13
					30				46			40			39		44			50			61					81		80			78			85		75		71	71	71		66			56			65			55				54
					51				36			31			29		37			39			48					51		55			55			65		60		60	60	60		55			40			31			29				29
					20				8			6			7		13			13			18					16		19			16			20		19		19	18	18		14			12			7			9				
					44				46			31			27		44			44			26					46		61			60			49		49		45	45	47		45			36			19			27				2
102												36			58		80			94	66		162			154		158		140	170		147					116				125		114			103			80				59			6
					266			128				60			89		156				112		257			344		350		341			335					260				278		260			207			154				110		129	
	195						213								156		220					195					266		274				290				286				330			302			252	228		217	202			176		188	
	440						192								47		112					97					448		360				392				256				248			190			146	119		101	90			72		83	
	47														17							15															40					44		44	0			0			43	41			41		38	
							108						29						106			84					303		225				294		198		189				213		180		126			94				49		43		43	
		56										67							69			69					65		65				69		74		31				31		30		37			41				56		51		56	
		2										1							2			2					7		7				11		17		11				17		17		12			10				9		9		12	
		3										1							1			1					1		3				3		3		2				6		8		11			11				10		9		14	
													85						193			167					340		283				331		246													110				91			84		
							203				127		80	74					172			122							201				201		191		171				162		172		119			89	77			73				61	
							21																					23								30											25	22			19			15		
			225				228						89						86			82					227										140				119							66				54			46		
												34																	39												39															
																																															43						
																																															35						
																																													145						103			
																																																			50			
																																								47																
						0																		0 Flow started					33																												
					0							0																0		0 Flow started		15																	9						
					0							0 Flow started																36																					32						

ISCELLANEOUS STREAM FLOW RECORDS 1943

24 HOUR SECOND-FEET

							JULY																															AUGUST																									
4	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	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	2
	314			307			317		294				280		277			246			215				182			170		162		149		143		130	125		127			123	122	125		113		106						92		94		90		86		84	7
	171			153			174		131			142	142		142			119			90				86			79		73		62		74		46	47		47			40	38			36			28					26		26		26		23			
	96			102			100		92				86		90			84							68			74		68		48		48		46			46			44			34	34	41	41	41					35		35							
	52			50			57		61		57	53	53		61			52			50			49				40	36	34	35	29	29	27	26	24	23	21	22	22	22	22	1	1	21	17	16	16	16	17	16	16	16	16	16	16	16	16	16	13	13	13	
	46			45			43		40		27	27	27		36			35			28			15				13	13	13	10	11	11	11	10	10	10	10	10	9	9	9	1	1	6	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	
	80			78			85		75		71	71	71		66			56			65			55				54	46	44	46	39	38	38	37	34	32	31	33	33	31	30	6	6	26	25	24	23	23	21	21	21	21	21	21	21	21	20	21	20	19	19	
																																			2	2		2	2			0	0	0		1	1																
	55			55			65		60		60	60	60		55			40			31			29				29	25	22	23	21	20	20	20	18	16	17	17	17	17	17	3	3	14	14	14	14	14	14	14	12	12	12	12	12	12	11	12	10	8	8	
	19			16			20		19		19	18	18		14			12			7			9				8	11	10	11	6	11	10	10	8	5	5	6	4	4	4	1	1	1	1	1	2	2	6	4	4	4	3	3	3	3	3					
61				60			49		49		45	45	47		45			36			19			27				25	28	24	24	34	28	30	26	24	18	19	22	19	18	18	2	2	22	20	19	19	20	17	17	17	15	15	15	15							
140	170			147					116				125		114			103			80				59			64				62		52		47			61							30										20				16			
341				335					260				278		260			207			154				110		129						90			59			64							36									25					22			
				290				286				330			302			252	228		217	202			176		188		133				114				108			123				94		65								37			29	28					
				392				256				248			190			146	119		101	90			72		83						101				27			11				0																			
								40				44		44	0			0			43	41			41		38						40																														
				294		198		189				213		180		126			94				49		43		43		38		44		44				16			15						3	7	6								1							
				69		74		31				31		30		37			41				56		51		56		60		29		29				23			26						24	15	13	9							2							
				11		17		11				17		17		12			10				9		9		12		4		3		3				4			4						4	2	4								9							
				3		3		2				6		8		11			11				10		9		14		12		12		12				6			16						3	7	6								2							
				331		246													110				91			84			75				61				37			43						23											9						
				201		191		171				162		172		119			89	77			73				61		66				55		53		38			40							23		21			19					16			14			
								30											25	22			19			15									14		11			12							10																
								140				119							66				54			46							34				19			21																							
9													39																30																	18					15		16		16		15		14		14		
																						43																					20																				
																						35																					7																				
																			145						103									88																				72									
																									50									35																													
											47																							43																													
																													7						7																				3								
0	Flow Started	15																				9																				6													4								
																						32													23	23	28	28	29	27	26	25	26	25	25	24	23	23	23	22	22	21	22	21	20	20	19	18	18	18			

FLOW RECORDS 1943

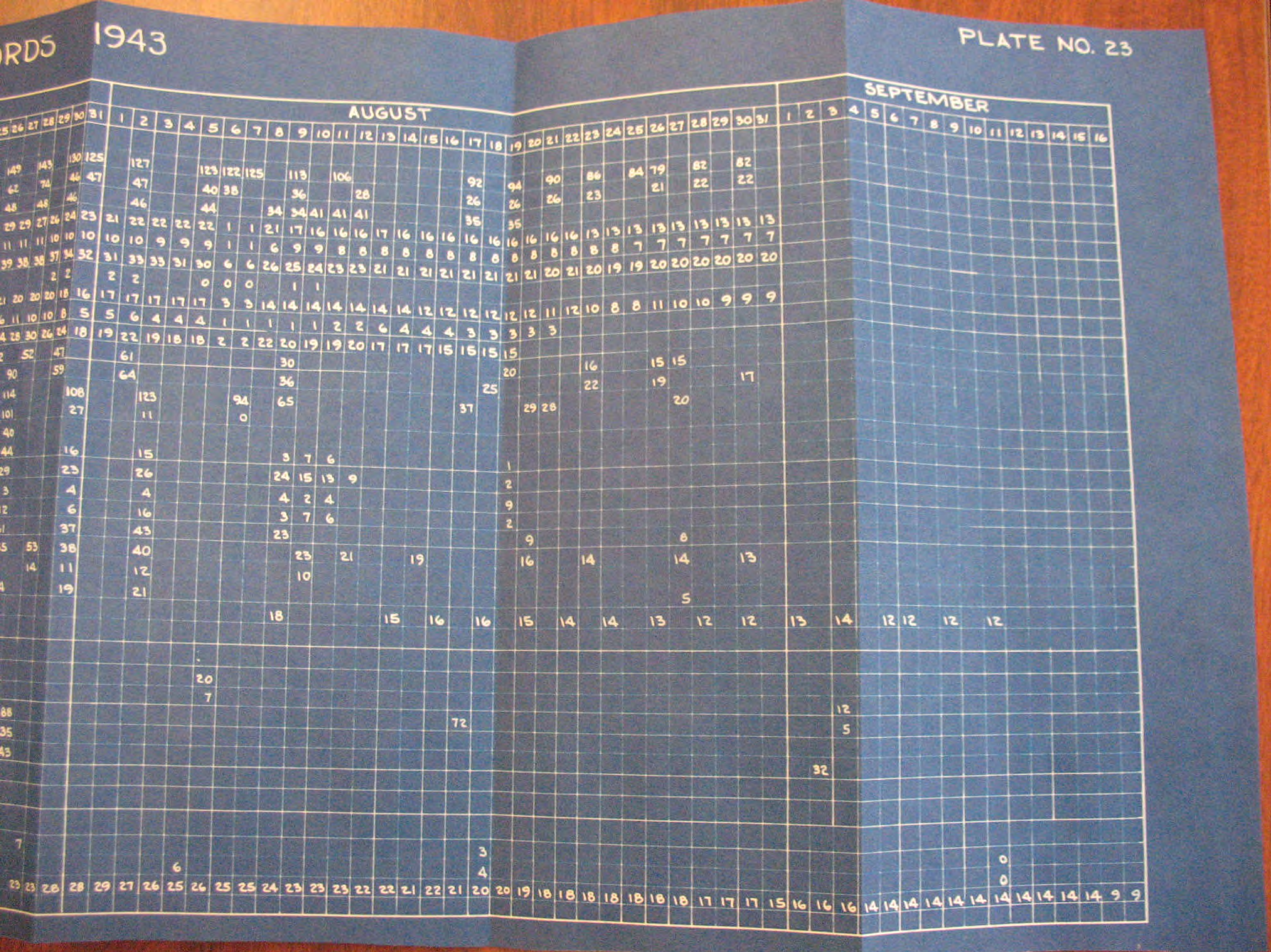
PLATE NO.

-FEET

LY																		AUGUST																														SEPTEMBER														
5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	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
5				182			170		162		149		143		130	125		127			123	122	125		113		106						92		94		90		86		84	79		82		82																
0				86			79		73		62		74		46	47		47			40	38			36			28					26		26		26		23			21		22		22																
				68			74		68		48		48		46			46			44			34	34	41	41	41					35		35																												
			49				40	36	34	35	29	29	27	26	24	23	21	22	22	22	22	1	1	21	17	16	16	16	17	16	16	16	16	16	16	16	16	16	13	13	13	13	13	13	13	13	13															
			15				13	13	13	10	11	11	11	10	10	10	10	10	9	9	9	1	1	6	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7															
			55				54	46	44	46	39	38	38	37	34	32	31	33	33	31	30	6	6	26	25	24	23	23	21	21	21	21	21	21	21	21	20	21	20	19	19	20	20	20	20	20	20															
														2	2		2	2			0	0	0		1	1																																				
			29				29	25	22	23	21	20	20	20	18	16	17	17	17	17	17	3	3	14	14	14	14	14	14	14	12	12	12	12	12	12	11	12	10	8	8	11	10	10	9	9	9															
			9				8	11	10	11	6	11	10	10	8	5	5	6	4	4	4	1	1	1	1	1	2	2	6	4	4	4	3	3	3	3	3																								
			27				25	28	24	24	34	28	30	26	24	18	19	22	19	18	18	2	2	22	20	19	19	20	17	17	17	15	15	15	15																										
				59			64				62		52		47			61							30										20				16			15	15																			
				110		129						90			59			64							36									25					22			19				17																
	2			176		188		133				114				108			123				94		65								37			29	28						20																			
	0			72		83						101				27			11				0																																						
	1			41		38						40																																															
		49		43		43		38		44		44				16			15						3	7	6								1																										
		56		51		56		60		29		29				23			26						24	15	13	9							2																										
		9		9		12		4		3		3				4			4						4	2	4								9																										
		10		9		14		12		12		12				6			16						3	7	6								2																										
		91			84			75				61				37			43						23											9							6																			
		73				61		66				55		53		38			40							23		21			19					16			14				14			13																
		19			15									14		11			12							10																																				
		54			46							34				19			21																								5																		
								30																18					15		16		16		15		14		14		13		12		12		13		14		12	12		12		12					
																						20																																							
																						7																										12												
				103									88																			72																5												
				50									35																																													
													43																																				32													
								7						7																					3																						0					
																						6												4																						0					
														23	23	28	28	29	27	26	25	26	25	25	24	23	23	23	22	22	21	22	21	20	20	19	18	18	18	18	18	18	18	17	17	17	15	16	16	16	14	14	14	14	14	14	14	14	14			

RDS 1943

PLATE NO. 23



						AUGUST																															SEPTEMBER															
26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
149		143		130	125		127			123	122	125		113		106						92		94		90		86		84	79		82		82																	
62		74		46	47		47			40	38			36			28					26		26		26		23			21		22		22																	
48		48		46			46			44			34	34	41	41	41					35		35																												
29	29	27	26	24	23	21	22	22	22	22	1	1	21	17	16	16	16	17	16	16	16	16	16	16	16	16	16	13	13	13	13	13	13	13	13	13																
11	11	11	10	10	10	10	10	9	9	9	1	1	6	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7																
39	38	38	37	34	32	31	33	33	31	30	6	6	26	25	24	23	23	21	21	21	21	21	21	21	21	20	21	20	19	19	20	20	20	20	20	20																
			2	2		2	2			0	0	0		1	1																																					
1	20	20	20	18	16	17	17	17	17	17	3	3	14	14	14	14	14	14	14	12	12	12	12	12	12	11	12	10	8	8	11	10	10	9	9	9																
6	11	10	10	8	5	5	6	4	4	4	1	1	1	1	1	2	2	6	4	4	4	3	3	3	3	3																										
4	28	30	26	24	18	19	22	19	18	18	2	2	22	20	19	19	20	17	17	17	15	15	15	15																												
2		52		47			61							30										20				16			15	15																				
	90			59			64							36									25					22			19				17																	
	114				108			123				94		65								37			29	28						20																				
	101				27			11				0																																						
	40																																																			
	44				16			15						3	7	6								1																												
	29				23			26						24	15	13	9							2																												
	3				4			4						4	2	4								9																												
	12				6			16						3	7	6								2																												
	1				37			43						23											9							8																				
	5		53		38			40							23		21			19					16			14				14			13																	
			14		11			12							10																																					
	4				19			21																								5																				
														18					15		16		16		15		14		14		13		12		12		13		14		12	12		12		12						
											20																																									
											7																												12													
		88																				72																	5													
		35																																																		
		43																																				32														
			7																				3																								0						
										6													4																								0						
			23	23	28	28	29	27	26	25	26	25	25	24	23	23	23	22	22	21	22	21	20	20	19	18	18	18	18	18	18	18	17	17	17	15	16	16	16	14	14	14	14	14	14	14	14	14	14	14	9	9

Daily Contents, in acre-feet, of JACKSON LAKE at MORAN, WYOMING for the year ending September 30, 19 43

Plate No. 24

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	321540	334060	366800	403180	441450	457140	441230	429020	678720	852610	851840	738370
2	321750	334710	368120	405200	442360	457830	439410	435330	694570	854150	850050	733180
3	321750	335370	368780	406320	443500	458510	435110	443270	710020	853640	849790	729970
4	321750	336670	369430	407210	445550	459190	429240	451460	720580	853640	850820	725270
5	321750	337100	369870	408330	446910	460100	424730	460330	729470	853640	852350	720820
6	321970	337750	370530	409450	447820	460550	420000	468350	737140	852870	851580	717380
7	322610	338400	372300	410120	448730	461010	414140	474990	745300	853120	850300	714440
8	322830	339270	373190	411010	450090	462160	409670	480030	751260	853380	848250	711490
9	323260	339920	375180	411910	450090	463760	407210	484620	759480	853640	845700	708050
10	323690	340790	376510	413020	449640	464450	401840	489240	769440	854150	843150	704370
11	324330	341660	377400	413920	449640	465140	397370	492930	779710	853640	841120	701920
12	324970	342090	378280	414810	449410	465600	395140	496860	792750	852610	837300	698480
13	325620	342310	378940	415710	449180	466970	391790	500320	808900	850820	832470	694570
14	326050	342740	379610	416840	448500	468580	389580	504010	824070	852100	827380	690180
15	326480	343400	380720	417520	448500	469490	387140	507710	840350	853890	822290	687250
16	327340	344050	381160	418420	448500	470640	382490	511900	849790	853640	817740	683100
17	327550	345350	381820	419090	448500	471780	380270	514920	850050	853120	813190	678720
18	327990	347950	382490	420000	448500	472700	378060	518170	850820	853120	808900	674080
19	328640	350140	383380	420670	449410	473390	375180	521420	852610	853120	804350	668990
20	329290	351450	384260	421330	449640	473840	378060	526300	850050	853380	800310	664390
21	329720	352110	384700	424280	450090	474300	382490	530490	849530	854150	796770	659300
22	330160	352990	385590	427660	451690	474990	387580	537980	850820	854150	792750	655190
23	330590	353860	386700	428570	453500	475450	391570	546870	849530	854150	786480	653490
24	330810	355620	388030	429920	454190	475910	396480	554130	848000	853380	780970	650100
25	331030	358250	390020	431050	455100	476600	403180	562140	848250	851840	776200	649620
26	331240	358910	391130	432850	455550	471100	407880	573920	851840	852350	770940	649860
27	331460	361540	392010	435110	456230	466510	412580	586240	853890	852350	765210	650100
28	331890	362850	393570	436910	456690	461470	416160	602860	853640	853640	759480	650100
29	332110	364170	394460	438040	----	456010	420670	620770	851070	854150	752010	650340
30	332760	365920	395810	439630		450780	424280	640230	851330	853640	748280	650340
31	333200		399160	440540		445320		659540		853380	743070	

Mean Acre-Feet												

Year or Period

Mean ____

Acre-Feet ____

Daily discharge, in second-feet, of SNAKE RIVER at MORAN, WYOMING for the year ending September 30, 1943

Plate 25

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	212	42	42	42	42	43	3110	112	72	6740	3110	3290
2	212	42	42	42	42	43	3100	108	79	7500	2900	3150
3	212	42	42	42	42	43	3110	115	75	7750	1380	3270
4	212	42	42	42	42	43	3100	112	75	8650	757	3080
5	212	42	42	42	42	43	3110	112	77	8650	1280	2750
6	212	42	42	42	42	43	3140	110	79	7320	2370	2380
7	44	42	42	42	42	43	3130	102	84	6310	3290	2190
8	43	42	42	42	376	43	3110	93	84	6120	3010	2280
9	43	42	42	42	770	43	3140	88	72	6140	2650	2400
10	43	42	42	42	770	43	3130	82	72	6110	2510	2440
11	43	42	42	42	770	43	3110	73	68	6090	2940	2580
12	43	42	42	42	770	44	3100	68	68	6070	3730	2630
13	43	42	42	42	770	45	3110	64	68	3980	3760	2620
14	43	42	42	42	546	45	3100	63	84	1760	3890	2640
15	43	42	42	42	445	45	2590	64	1980	3520	3880	2750
16	43	42	42	42	445	45	1970	64	6400	4130	3780	2940
17	43	42	42	42	280	45	3130	64	7680	3470	3450	3070
18	43	42	42	42	49	45	3110	64	8730	2850	3370	3050
19	43	42	42	42	46	45	3130	59	11800	2700	3360	3110
20	43	42	42	42	44	45	1720	59	12000	2720	3160	3130
21	43	42	42	42	44	45	61	63	11200	2940	2920	2890
22	43	42	42	42	44	45	128	64	11500	3400	3640	2510
23	42	42	42	42	43	45	125	64	11100	3380	3980	1800
24	42	42	42	42	43	45	122	66	9820	3380	3720	675
25	42	42	42	42	43	2140	122	68	8400	2840	3690	675
26	42	42	42	42	43	3190	112	68	8500	2340	3880	675
27	42	42	42	42	43	3190	108	75	9500	1720	3980	675
28	42	42	42	42	43	3190	108	95	10600	1660	3910	675
29	42	42	42	42	—	3190	108	108	9020	2270	3850	675
30	42	42	42	42		3150	112	102	6740	2420	3780	669
31	42		42	42		3140		95		2510	3540	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
MEAN	75.5	42.0	42.0	42.0	240	718	2012	81.7	4868	4434	3209	2256
ACRE-FEET	4,640	2,500	2,580	2,580	13,330	44,130	119,700	5,050	289,600	272,600	197,300	134,200

YEAR ~~or Period~~ MEAN 1503

ACRE-FEET 1,088,210

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

Plate No. 26

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3190	2720	2670	2580	2180	2250	6310	16700	25800	28300	10600	8300
2	3110	2820	2610	2610	2170	2240	6720	18500	24200	27900	11100	7860
3	3070	2760	2610	2600	2170	2190	7210	19000	21200	27300	11300	7630
4	3020	2800	2580	2400	2170	2210	7820	18900	18400	26600	9950	7660
5	3000	2780	2400	2340	2170	2250	8330	19300	16200	27100	8640	7400
6	3000	2720	2340	2340	2210	2190	8400	17400	14800	26600	8430	7180
7	3000	2630	2460	2340	2300	2250	9280	15500	13800	25100	9320	6720
8	2900	2630	2530	2320	2460	2240	9980	13800	13200	24100	10600	6400
9	2840	2700	2500	2280	2420	2280	10300	12500	13500	23500	10400	6340
10	2840	2650	2500	2220	2380	2220	10800	12000	14600	23300	9640	6430
11	2840	2530	2510	2190	2720	2180	11500	12100	16000	22800	9150	6370
12	2860	2480	2510	2250	2800	2220	11300	11900	17700	21900	9110	6510
13	2880	2460	2430	2310	2860	2260	12100	11300	18800	21100	9780	6570
14	2920	2500	2480	2380	2820	2310	13400	10900	19200	18100	9670	6540
15	2900	2580	2510	2380	2800	2320	14500	10900	17900	14800	9780	6480
16	2880	2650	2500	2170	2700	2250	15800	10800	17700	15800	9920	6510
17	2880	2650	2460	2070	2670	2240	15800	10300	21300	15900	9740	6690
18	2860	2780	2450	2010	2670	2240	18400	9700	23900	14900	9320	6780
19	2840	2940	2430	1910	2540	2240	18900	9280	27000	14200	9110	6780
20	2820	2880	2360	1910	2420	2190	19100	9320	31700	13800	8980	6840
21	2820	2700	2420	2000	2380	2180	17600	9980	34700	13500	8670	6930
22	2820	2580	2460	2700	2430	2190	16600	11200	34900	13800	8160	6840
23	2820	2600	2480	2880	2530	2220	16700	12700	35600	14600	8430	6510
24	2780	2700	2540	2370	2480	2240	17800	15300	34400	14300	8980	6090
25	2760	2880	2530	2250	2380	2320	18700	16800	32900	14000	8540	5030
26	2740	2780	2480	2250	2310	2400	18000	17800	31900	13300	8370	4650
27	2740	2700	2370	2450	2260	5130	15700	19000	31700	12400	8470	4620
28	2740	2760	2460	2400	2240	6510	13800	21000	31500	11600	8540	4650
29	2720	2720	2540	2380	----	6630	14700	23800	31700	11100	8400	4680
30	2700	2740	2480	2340		6540	15000	25700	30400	11200	8300	4580
31	2700		2510	2240		6370		26100		10900	8260	
Mean	2871	2694	2487	2318	2451	2887	13350	15140	23890	18510	9279	6419
Acre-Feet	176,500	160,300	152,900	142,600	136,100	177,500	794,500	931,200	1,421,000	1,138,000	570,600	382,000

Year ~~or Period~~ Mean 8541

Acre-Feet 6,183,200

Daily discharge, in second-feet, of SNAKE RIVER near SHELLEY, IDAHO *for the year ending September 30, 1943*

Plate No. 27

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1830	2590	3250	3680	3100	3600	8380	17900	24800	27100	4380	3780
2	1630	2720	3170	3620	2900	3450	7870	19400	26000	25400	4300	3900
3	1570	2880	3030	3550	2540	3270	8140	21000	26400	24800	4640	3830
4	1560	2940	3050	3400	2770	3110	8660	21800	25400	25000	4550	3900
5	1570	3000	2470	3110	2860	3090	9360	22100	22300	24700	3640	4220
6	1560	2980	2490	3010	2940	3590	9930	22400	20500	24300	2810	4120
7	1470	3000	2470	3150	3030	3520	9970	21000	18100	23600	2860	3870
8	1460	2980	2490	3200	2960	3070	11000	19000	15400	21400	3640	3570
9	1430	3000	2830	3150	3200	3270	11700	17200	14000	19700	4720	3440
10	1320	3030	3000	3000	3300	4020	12100	15400	13600	18500	4520	3350
11	1330	2900	3130	2770	3200	3640	12600	13800	13800	18000	3850	3330
12	1420	2830	3170	2600	3350	3550	13200	13100	14500	17800	3440	3270
13	1460	2860	3250	2400	3400	3270	13100	12500	16200	17000	3500	3400
14	1590	2860	3130	2400	3500	3590	14100	10900	17700	15900	3870	3350
15	1850	2850	3150	2500	3500	3730	15400	9930	18600	12300	3850	3250
16	2000	3000	3110	2600	3480	3680	16600	10100	18700	9720	4170	3150
17	2030	3070	3070	2550	3450	3480	17600	10200	18700	10200	4250	3010
18	2120	3230	3050	2350	3330	3310	18200	9260	20800	9900	4220	3150
19	2310	3310	3000	2050	3250	3290	20300	8380	22300	8840	3970	3330
20	2260	3460	2900	1640	3850	3230	21000	8010	24100	7700	3920	3420
21	2240	3420	2700	1310	3710	3150	21500	7870	26500	7360	3950	3590
22	2270	3210	2920	2350	3310	3070	20700	8210	28600	7230	3800	3730
23	2310	3030	3010	4020	3660	3110	19900	9720	29500	7770	3570	3660
24	2320	3110	3050	4940	3970	3230	19900	11400	29800	8760	3640	3440
25	2340	3270	3050	5030	3940	3420	21500	13700	29800	8730	3870	3190
26	2370	3420	2850	4270	3880	3870	22200	15000	29000	8520	3620	2760
27	2340	3370	2600	3350	3800	4330	21000	16000	28100	7360	3500	2470
28	2400	3230	2300	3440	3700	6930	20000	17200	27800	6470	3590	2560
29	2370	3250	2400	3780	---	8280	18200	18900	27800	5470	3800	2700
30	2420	3250	3210	3250		8700	18100	21300	28000	4720	3710	2850
31	2510		3230	3200		8590		23500		4690	3550	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	1925	3068	2920	3086	3353	4046	15410	15040	22580	14160	3861	3386
Acre-Feet	118,300	182,600	179,600	189,800	186,200	248,800	916,800	924,700	1,343,000	870,600	237,400	201,500

YEAR ~~or Period~~ MEAN 7735

ACRE-FEET 5,599,300

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

Plate No. 28

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	270	300	260	165	130	388	371	72	35	11	22
2	11	275	300	250	160	120	306	366	104	75	25	29
3	12	261	280	240	150	120	332	206	300	38	14	24
4	14	268	250	230	150	130	370	323	500	34	18	28
5	12	281	226	220	130	130	397	170	488	40	18	27
6	13	277	220	220	120	140	442	92	448	40	11	27
7	12	276	220	220	110	140	469	47	428	28	9	28
8	11	270	270	220	110	150	481	47	442	17	14	17
9	14	266	300	210	110	150	515	61	449	7	59	18
10	9	262	340	200	110	160	543	75	398	13	34	72
11	11	261	340	190	110	172	556	50	285	17	17	17
12	20	265	300	190	110	174	558	57	218	14	13	14
13	31	262	264	190	110	175	560	70	216	28	21	17
14	69	265	264	190	110	250	561	72	277	22	18	54
15	167	261	264	190	120	300	563	74	300	21	23	15
16	227	260	264	180	130	220	565	84	288	20	23	12
17	236	265	260	170	130	170	567	164	309	10	20	12
18	250	294	260	160	140	150	570	123	315	16	26	10
19	244	324	250	150	150	140	571	72	262	17	26	12
20	244	328	250	190	150	130	572	55	161	7	23	15
21	239	324	240	270	150	130	570	32	85	11	20	18
22	221	326	200	318	160	130	563	30	21	16	12	28
23	209	302	280	400	350	130	553	94	11	20	17	43
24	213	301	280	400	430	160	528	101	18	14	17	122
25	218	293	275	380	380	210	484	64	10	12	13	150
26	218	294	260	370	250	280	494	35	3	12	17	180
27	226	291	240	340	200	523	484	24	3	43	18	193
28	230	299	200	300	150	518	480	7	8	9	15	229
29	236	293	200	250	—	532	473	9	16	6	16	274
30	247	310	250	220		526	422	12	41	6	15	200
31	266		280	180		522		27		6	18	
Mean	134	284	262	242	166	223	498	97.2	216	21.1	19.4	63.6
Acre-Feet	8220	16,910	16,120	14,870	9,210	13,710	29,630	5,980	12,840	1,300	1,190	3,780

Year ~~or Period~~ Mean 185

Acre-Feet 133,760

Plate No. 29

Daily discharge, in second-feet, of SNAKE RIVER at CLOUGH RANCH near BLACKFOOT, IDAHO *, for the year ending September 30, 19*43

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	689	2330	3410	3670	2980	3440	8010	16400	20500	24100	1070	564
2	577	2370	3410	3890	2680	2930	7540	17000	22400	22700	886	718
3	472	2540	3140	3290	2290	2780	7540	18900	24000	21600	814	830
4	494	2660	2880	3310	2080	2500	8010	19800	24600	21500	1120	758
5	522	2720	2400	2760	2150	2620	8600	20000	22700	21600	918	998
6	540	2780	2500	2560	2430	2620	9340	20300	19800	21200	982	1090
7	552	2760	2400	2600	2330	2990	9630	19500	17300	20300	966	1060
8	546	2740	2400	2800	2660	3030	10100	17300	14500	18300	1250	854
9	438	2740	2540	2850	2880	3270	11000	15100	12600	16000	2190	682
10	395	2910	2980	2780	2670	3370	11500	13400	11800	14500	2020	640
11	400	2910	3070	2200	2960	3390	11900	11200	11500	13800	1240	499
12	428	2850	3120	1980	2840	3320	12500	9930	11600	13700	682	455
13	654	2870	3170	1750	3010	3390	12700	9510	12900	12900	390	494
14	926	2930	3270	1750	3200	3780	13100	8580	14700	12100	285	558
15	1160	2850	3220	2020	3410	4030	14200	7140	15800	10000	444	422
16	1410	2990	3150	2400	3420	3940	15400	7240	16200	6580	584	365
17	1590	3120	3090	2150	3340	3780	16400	8120	15700	6140	774	345
18	1650	3290	3060	1940	3240	3410	16900	7610	17100	6360	870	320
19	1790	3270	3010	1330	3270	3310	18500	6730	18600	5670	814	444
20	1860	3420	2910	1320	3290	3190	19900	5850	19900	4520	689	598
21	1860	3490	2700	1430	3310	3090	20700	5340	21600	3850	726	774
22	1880	3410	2560	2010	3510	3010	20300	5420	23000	3710	626	1130
23	1920	3220	3090	4270	3710	2990	19700	6400	24600	3830	504	1280
24	1930	3190	3360	4370	4030	3150	19200	7840	25000	4760	370	1270
25	2040	3310	3090	4140	4050	3390	19700	9480	25400	5380	400	1150
26	2050	3370	2980	4230	3670	3670	20900	11100	25200	5380	558	1180
27	2090	3640	2670	4120	3710	4090	21500	11800	24400	4760	438	1490
28	2090	3460	2420	3620	3620	5500	20400	12600	23900	3370	325	1560
29	2110	3460	2190	3460	--	7190	17900	14000	23800	2490	534	1790
30	2130	3420	2560	3550		7960	16600	16100	24300	1570	790	1950
31	2250		3310	3040		8220		18700		1130	605	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	1272	3034	2905	2825	3098	3785	14660	12210	19510	10770	802	876
Acre-Feet	78,230	180,500	178,600	173,700	172,000	232,800	872,100	750,500	1,161,000	662,100	49,320	52,100

Year ~~or Period~~ Mean 6303
Acre-Feet 4,562,950

Daily content, in acre-feet, of AMERICAN FALLS RESERVOIR at AMERICAN FALLS, IDAHO, for the year ending September 30, 1943

Plate No. 30

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	412670	462480	727050	960580	1150140	1212110	1245200	1503880	1675900	1707280	1563990	1093470
2	413950	471420	734770	964750	1154280	1210190	1256230	1514980	1685990	1704480	1544790	1076780
3	414970	481380	746710	976850	1158890	1207340	1264500	1528820	1708400	1701680	1532010	1065190
4	416260	485810	758120	987390	1164010	1204040	1275700	1538930	1710640	1704480	1517110	1050660
5	417840	489960	764970	991260	1166370	1200270	1285930	1553310	1702800	1710640	1500220	1038780
6	417840	494100	771460	998120	1168720	1198390	1298590	1571660	1690470	1714610	1486080	1029090
7	417310	496590	780120	1004990	1173430	1195560	1311350	1591700	1677580	1712900	1470370	1019580
8	418100	500860	788450	1010570	1176260	1194620	1324710	1606380	1678700	1710080	1455730	1011000
9	418890	512250	795860	1016580	1178610	1195090	1338080	1599310	1675900	1701120	1444420	1000700
10	418890	521650	804020	1022160	1182850	1195560	1354910	1593330	1676460	1701680	1432080	991680
11	418890	531220	814390	1028650	1186150	1195560	1375080	1594960	1677020	1703360	1415620	982280
12	418890	540020	824030	1033490	1190380	1195560	1392230	1599310	1680380	1708400	1400300	970590
13	418890	547650	832800	1037900	1194620	1196040	1406880	1603660	1682620	1720310	1386680	960160
14	420470	554100	841560	1042300	1199800	1195560	1422820	1601480	1683750	1724300	1370540	949730
15	422570	558020	848420	1045380	1205450	1196510	1438250	1606380	1689910	1719170	1355920	940990
16	425990	569830	856040	1051540	1210670	1197450	1455220	1604750	1691590	1719170	1339070	932900
17	431770	579520	863710	1056380	1211150	1199330	1470370	1610720	1690470	1714040	1323720	924820
18	436760	591530	869590	1061670	1210650	1199800	1489750	1612900	1688230	1708960	1307390	912680
19	443900	603730	876260	1066070	1208750	1200740	1507030	1612350	1688790	1704480	1292260	909450
20	445240	613100	881750	1070920	1207340	1202630	1521370	1610180	1691030	1696640	1276190	901760
21	448740	624610	887240	1070470	1206400	1203570	1525620	1603120	1696080	1687670	1259630	895480
22	451970	635560	893520	1077230	1207340	1203100	1526690	1599310	1700560	1677580	1240880	891560
23	455480	646520	900580	1086250	1209710	1202630	1522960	1597140	1706160	1668110	1226970	888420
24	452510	652770	905400	1097070	1211630	1202630	1516040	1597140	1703920	1658710	1210670	886060
25	453590	663720	914300	1108800	1212110	1202630	1511250	1596590	1704480	1650420	1191800	884890
26	457090	675010	923600	1116940	1213070	1203570	1503360	1602570	1707840	1643780	1179080	884890
27	456280	683700	929670	1125240	1213070	1204510	1509120	1609640	1707840	1637150	1164010	886850
28	459780	696000	934930	1131700	1212110	1208750	1505980	1616700	1712330	1626650	1150600	888810
29	459780	705560	940990	1138150	----	1213070	1505980	1627200	1715750	1609090	1135380	892340
30	461400	717570	945140	1142300		1220740	1508070	1637150	1710080	1593880	1121550	897050
31	460860		952230	1146450		1233690		1654290		1579210	1106090	

MEAN ACRE-FEET												

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YEAR OR PERIOD MEAN ACRE-FEET

Daily discharge, in second-feet, of **SNAKE RIVER AT NEELEY, IDAHO** for the year ending September 30, 1943

Plate No. 31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2400	1920	1460	2430	3880	7200	6080	16800	13600	27500	12000	10900
2	2780	4320	1440	2430	3390	7180	6030	14500	16100	26900	12000	10800
3	2720	4210	1430	2430	3350	7200	6060	14500	21200	24200	11900	10600
4	2720	4230	1300	2410	3390	7200	6020	14500	30000	21500	11800	10300
5	3740	4180	1330	2440	3310	7200	6010	14500	29900	21500	11600	9820
6	3690	4180	101	2430	3470	7200	6010	14500	29600	23000	11500	9480
7	3440	4230	1320	2430	3430	7200	6030	14500	22900	24100	11400	9020
8	3440	125	1320	2430	4040	7180	6050	17800	18300	23200	11300	8560
9	3360	1200	1320	2490	4200	6900	6060	20500	16200	20800	11200	8400
10	3400	1230	1320	2400	4330	6800	6170	17100	14600	17100	11300	8520
11	3400	1230	1330	2400	3410	6660	6080	13000	14600	13200	11300	8810
12	3460	1260	1340	2360	3410	6660	6860	11800	14600	12300	11300	8890
13	3030	2040	355	2370	3430	6680	8520	10900	14600	12600	11300	8690
14	3050	2120	3070	2390	3330	6700	8560	10300	14600	14500	11400	8400
15	3050	121	2610	2390	3430	6670	8560	9740	16900	14000	11400	8120
16	2410	2110	2240	2380	4540	6680	9610	11000	20000	12200	11500	7720
17	2410	1330	2240	2410	6720	6620	10600	10700	20000	11800	11400	7120
18	128	1310	2260	2400	7060	6540	11000	10600	20000	11700	11600	7000
19	2410	1350	2890	2420	7280	6140	11800	10600	20000	11700	12000	6800
20	1890	1350	2270	3720	7280	6140	17200	10500	20100	11900	11900	6600
21	1920	1360	1130	4590	6960	6100	22600	10300	20100	12000	11700	6560
22	4160	111	3130	2600	6720	6100	24600	10400	21900	12000	11600	6320
23	4090	1410	2790	2660	6680	6100	24600	10500	25500	11900	11500	5970
24	4140	1430	2830	2600	6840	6090	24600	10500	26800	11700	11400	5220
25	2460	1390	2560	2570	7190	6070	24500	10500	25800	11600	11300	4060
26	4160	1440	2850	3360	6630	6070	24400	10500	25800	11500	11000	3630
27	4120	1430	2790	3740	7060	6120	24400	10500	24900	11600	10800	3440
28	4120	1410	2840	4060	7220	6150	24400	10500	24600	11800	10700	2710
29	4160	114	2700	4060	----	6160	21400	10700	26200	12000	10700	2320
30	4090	1420	2750	4370		6160	19500	10900	27600	12100	11000	2320
31	4040		2360	4120		6180		10900		12100	11200	
Mean	3174	1852	1990	2848	5071	6582	13140	12400	21230	15680	11420	7237
Acre-Feet	195,100	110,200	122,300	175,100	281,600	404,700	782,100	762,700	1,263,000	964,000	702,100	430,600

Year ~~or Period~~ Mean 8556

Acre-Feet 6,193,500

Daily ~~discharge~~ contents, in ~~second~~ acre-feet, of LAKE WALCOTT near MINIDOKA, IDAHO, for the year ending September 30, 1943

Plate No. 32

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	92390	74410	62820	10330	16270	12110	34570	57190	75310	92860	94020	85980
2	91230	71170	63370	8580	15480	12410	33530	58910	71830	93440	93550	85050
3	91230	69630	64690	10230	14490	12900	32080	58270	74070	93550	94250	86100
4	91230	68640	65340	10720	14090	13100	32290	56980	73500	94490	94490	85400
5	90760	68530	65780	9830	13700	12510	31660	58050	74410	94950	94250	85050
6	90640	67650	66550	10330	13200	13700	33120	60530	74520	94950	94840	85290
7	90760	66770	63480	10330	12700	13890	36230	61940	74070	95070	94250	84590
8	91110	64800	54070	10430	12610	14980	39030	65010	73620	94490	94140	83310
9	92040	56120	44080	10130	13500	15080	42500	69850	72940	93090	94250	81620
10	92740	53750	33320	10330	14880	17360	45140	70510	72490	93790	94490	80270
11	93320	54180	22690	10130	15280	16170	48830	71390	73170	93900	94140	79480
12	93790	54500	13100	10130	14490	15680	51390	72600	76320	93790	93790	77680
13	94490	55470	4770	9930	14090	15680	52350	73170	80830	96150	94140	76550
14	95670	55470	2770	8730	14190	14880	52250	70730	83540	95670	93900	74970
15	96630	55040	4000	9060	14290	12700	52030	70950	83540	93790	94490	73840
16	97110	52680	4960	9150	13890	12900	51820	70620	84820	94250	94250	72260
17	97350	53640	4960	8770	13300	12700	51820	71610	85400	93790	94140	69630
18	97350	53750	3240	8960	12900	11320	51600	71830	84470	93900	93790	66000
19	94140	54830	3150	8960	13400	11420	50740	71830	84240	93550	94020	64800
20	93900	54830	4100	8960	14090	12010	50210	71720	84010	93790	94490	62600
21	93550	55900	2380	13990	14690	12210	53750	70950	84010	93790	94250	60310
22	94140	57300	1330	11810	13890	12110	59340	70840	85870	94250	93320	59130
23	94490	56330	2860	12210	13700	13500	59880	70510	88660	94720	93900	57620
24	92390	56760	3430	12610	13000	15180	60200	72050	92510	94720	93090	55900
25	90530	58590	4100	13100	12310	16470	59670	71280	92390	95180	92270	53540
26	87030	60420	6480	13100	11020	18350	59560	72050	96390	94370	91810	51170
27	84010	61170	6580	12310	10920	19850	59240	72380	92620	94250	90180	49260
28	83430	62820	7530	12310	11120	23300	57730	72490	90530	93790	89130	46930
29	81510	63260	7820	13500	—	31250	58810	72050	90290	93900	87270	44820
30	78690	59990	9340	14490		33430	58480	73280	92270	94140	85870	42710
31	77230		9730	15580		33320		74290		93790	85870	
Mean												
Acre-Feet												

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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, 1943

Plate No. 33

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	818		0				0	1630	1180	1480	1640	1300
2	816		0				0	1630	953	1600	1650	1220
3	816		0				0	1620	837	1650	1610	1180
4	816		0				0	1610	750	1650	1520	1160
5	816		0				0	1650	750	1590	1500	1040
6	768		0				0	1710	750	1650	1500	1000
7	529		0				0	1740	750	1650	1500	997
8	624		75				0	1730	799	1650	1500	990
9	656		1000				0	1730	840	1690	1500	981
10	684		500				0	1720	912	1730	1460	1010
11	684		500				0	1730	997	1740	1430	1020
12	686		500				0	1690	1010	1750	1430	1030
13	600		225				0	1660	960	1760	1450	1030
14	540		200				0	1610	930	1750	1480	1010
15	498		200				0	1560	826	1740	1480	967
16	435		200				0	1520	788	1740	1530	967
17	435		180				0	1550	788	1750	1560	933
18	435		0				0	1580	859	1750	1590	884
19	430		0				0	1580	960	1760	1610	855
20	351		0				0	1580	997	1760	1550	820
21	0		0				0	1570	1110	1760	1510	766
22	0		0				0	1570	1250	1760	1480	766
23	0		0				0	1530	1310	1720	1450	766
24	0		0				0	1540	1330	1670	1470	758
25	0		0				0	1530	1330	1650	1490	748
26	0		0				265	1540	1350	1640	1440	744
27	0		0				842	1540	1330	1640	1380	738
28	0		0				1080	1540	1320	1640	1380	734
29	0		0				1300	1510	1350	1650	1370	742
30	0		0				1540	1470	1430	1650	1340	740
31	0		0					1350		1650	1310	
Mean	401	0	115	0	0	0	168	1597	1025	1686	1487	930
Acre-Feet	24,670	0	7,100	0	0	0	9,970	98,220	60,980	103,700	91,460	55,330

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Year Mean 624

Acre-Feet 451,430

Daily discharge, in second-feet, of SOUTH SIDE MINIDOKA CANAL near MINIDOKA, IDAHO *, for the year ending September 30, 19* 43

Plate No. 34

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	540						0	1070	937	1170	1270	1210
2	559						0	1120	776	1230	1270	1180
3	545						0	1180	588	1240	1280	1190
4	526						0	1170	567	1240	1250	1120
5	517						0	1120	524	1250	1230	1020
6	465						0	1110	476	1240	1220	1020
7	399						0	1080	474	1290	1210	1030
8	381						0	1010	512	1320	1170	1010
9	405						0	1010	550	1320	1160	952
10	424						0	973	704	1310	1160	901
11	428						0	989	843	1310	1160	881
12	393						0	1030	892	1300	1160	881
13	342						0	1040	640	1290	1210	869
14	288						0	1060	524	1270	1260	875
15	271						0	1100	505	1260	1260	886
16	250						0	961	505	1280	1260	881
17	217						349	815	505	1280	1270	793
18	200						660	843	657	1270	1280	741
19	210						809	1000	736	1270	1250	671
20	218						952	1040	733	1270	1220	567
21	222						793	1060	812	1270	1220	550
22	225						574	1090	907	1270	1220	638
23	222						678	1090	955	1260	1220	648
24	222						795	1090	980	1240	1240	618
25	222						843	1080	983	1250	1260	567
26	229						940	1090	992	1260	1270	483
27	288						998	1090	976	1280	1270	450
28	317						992	1060	961	1290	1270	441
29	317						1040	1000	1020	1290	1240	447
30	315						1080	1010	1080	1290	1260	458
31	104							1020		1290	1240	
Mean	331	0	0	0	0	0	383	1045	744	1271	1234	799
Acre-Feet	20,350	0	0	0	0	0	22,820	64,270	44,260	78,150	75,890	47,560

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Year ~~or Period~~ Mean 488

Acre-Feet 353,300

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

Plate No. 36

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1590	4780	1180	2740	4100	7150	6040	14600	12300	24900	8810	8390
2	1600	4690	1180	2840	4080	7150	6630	12400	15400	23900	8930	8330
3	1480	4760	1180	2790	4140	7170	6610	12100	20400	21500	8840	8210
4	1370	4850	1260	2770	3990	7230	6530	11800	28900	18500	8720	7970
5	2390	4800	1200	2820	3970	7280	5880	11300	29600	18500	8510	7790
6	2440	4780	1220	2680	3890	7230	5150	11500	29700	19500	8420	7620
7	2250	4850	3740	2680	3890	7260	4320	10900	23400	21100	8480	7410
8	1980	4780	6610	2680	3890	7340	4340	11800	17900	20900	8450	7040
9	1800	4580	6610	2700	4030	7310	4430	16700	15500	18500	8390	7020
10	1700	1310	7440	2700	4030	7260	4590	15500	13300	14500	8360	7040
11	1700	1300	6630	2720	4080	7310	4830	10400	11800	9890	8510	7210
12	1730	1300	6060	2720	4030	7310	5800	8930	10800	8720	8540	7330
13	1630	1600	3820	2700	4050	7310	8600	8960	11000	8750	8510	7330
14	1560	2030	2490	2720	4050	7360	8600	8090	12100	11300	8510	7180
15	1620	2130	2440	2810	4030	7500	8600	7940	15900	11400	8510	6990
16	1610	1780	2410	2860	5280	7390	9210	8180	18300	8990	8480	6790
17	1470	1750	2700	b 2700	7230	7440	10500	8600	19100	8690	8420	6570
18	1460	1460	3100	b 2800	7230	6880	10400	8300	19000	8600	8420	6440
19	1410	1320	2970	b 3200	7260	6580	11400	8330	18400	8450	8660	6310
20	1420	1310	2740	3280	7260	6530	14400	8120	18300	8390	8900	6280
21	1410	1280	2770	4530	7390	6450	18600	7790	17600	8540	8900	6250
22	3290	740	2720	3910	7550	6010	23200	7880	17700	8570	8960	5950
23	4600	733	2720	2790	7500	5640	24400	8090	20600	8570	8870	5640
24	4550	747	2790	2790	7440	5560	24500	8210	24300	8630	8900	5300
25	4550	890	2810	3180	7440	5510	24500	8000	22400	8540	8870	4610
26	4510	1040	2880	3780	7340	5490	24400	8000	23600	8510	8810	3660
27	4580	1060	2790	3890	7120	5460	23900	8060	25000	8510	8750	3530
28	4780	1190	2790	3930	7230	3240	23100	8060	23200	8510	8600	3030
29	5080	1260	2770	3930	----	2620	20600	8120	22800	8750	8630	2290
30	5100	1180	2770	3930		6160	17500	8030	24200	8960	8630	2290
31	4990		2770	3950		6060		8270		8930	8570	
Mean	2634	2343	3147	3114	5483	6522	12390	9773	19420	12580	8641	6260
Acre-Feet	162,000	139,400	193,500	191,400	304,500	401,000	737,000	600,900	1,155,000	773,600	531,300	372,500

Year or Period Mean 7683
Acre-Feet 5,562,100

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Daily gage hgt. ~~discharge~~, in feet, of LAKE MILNER at MILNER, IDAHO for the year ending September 30, 1943

Plate No. 36

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10.38	9.12	8.30	7.84	8.02	8.31	8.08	10.52	11.19	10.99	11.04	10.92
2	10.38	9.06	8.11	7.52	8.07	8.31	8.44	10.48	11.16	10.92	10.98	10.84
3	10.54	8.79	8.24	7.98	7.78	8.29	8.40	10.59	10.80	10.87	11.20	10.99
4	10.55	8.63	8.26	7.95	7.85	8.25	8.35	10.49	10.62	10.96	11.26	10.98
5	10.59	8.84	8.24	7.58	7.86	8.05	8.34	10.60	10.63	10.98	11.18	10.75
6	10.70	8.88	8.20	7.86	8.11	8.43	8.46	10.72	10.62	11.00	11.13	10.91
7	10.82	8.94	8.13	8.02	8.14	8.33	8.50	10.70	10.60	11.00	11.04	10.84
8	10.80	8.90	8.30	8.00	8.08	8.36	8.43	10.78	10.61	10.98	10.98	10.84
9	10.68	8.88	8.26	7.92	7.71	8.26	8.68	10.93	10.59	10.90	10.96	10.57
10	10.46	9.04	7.69	7.83	7.53	8.44	8.87	10.93	10.69	10.92	10.90	10.35
11	10.14	8.73	7.76	7.66	8.19	8.26	8.80	10.98	10.98	10.97	10.82	10.21
12	9.91	8.62	7.70	7.66	8.37	8.33	8.68	10.96	11.07	10.82	10.81	10.16
13	9.82	8.58	7.85	7.76	8.36	8.40	8.87	10.96	10.96	11.02	10.85	10.24
14	9.78	8.54	7.75	7.81	8.31	8.31	8.92	10.84	11.03	10.99	10.85	10.33
15	9.72	8.30	8.02	7.45	8.29	8.21	8.90	10.84	11.02	10.96	10.90	10.46
16	9.74	8.45	8.09	7.76	8.28	8.47	9.01	10.83	11.03	10.97	10.94	10.50
17	9.79	8.58	7.97	7.70	8.51	8.47	9.26	11.03	11.01	10.99	10.94	10.50
18	9.72	8.66	7.89	7.63	8.62	8.34	9.55	11.02	10.94	10.99	10.90	10.39
19	9.66	8.88	7.85	8.13	8.49	7.92	9.69	11.05	10.98	11.02	10.86	10.44
20	9.52	8.99	7.80	8.26	8.50	8.06	9.79	11.08	11.02	10.96	10.94	10.44
21	9.33	9.24	7.98	8.15	8.49	8.02	10.40	10.92	10.95	10.96	10.98	10.43
22	8.77	9.24	8.20	8.15	8.50	7.96	10.57	10.77	10.92	10.98	10.95	10.52
23	9.67	8.95	8.16	7.73	8.63	7.79	10.52	10.77	10.96	11.05	11.09	10.66
24	9.58	8.62	7.92	7.76	8.69	8.08	10.50	11.13	10.94	11.06	11.03	10.76
25	9.12	8.40	7.65	7.64	8.50	8.18	10.61	11.10	10.88	11.06	10.96	10.84
26	8.86	8.41	7.45	7.78	8.44	8.19	10.53	11.07	10.97	10.99	11.06	10.65
27	8.50	8.30	7.43	8.14	8.24	8.14	10.55	11.12	10.94	10.92	11.02	10.60
28	8.88	8.32	7.96	8.22	8.04	8.16	10.29	11.09	10.94	10.82	10.98	10.52
29	8.92	8.34	8.22	8.33	—	7.99	10.64	11.14	10.97	10.74	10.88	10.26
30	8.98	7.96	7.95	8.23		8.27	10.57	11.05	10.98	10.84	10.82	10.20
31	9.25		7.87	8.10		8.54		11.01		10.97	10.88	

Mean												
Acre-feet												

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 43*

Plate No. 37

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0				0	0	58	61	62	62	61
2		0				0	0	58	62	62	62	61
3		0				0	0	62	62	62	62	61
4		0				0	0	61	62	62	62	61
5		0				0	0	61	62	62	62	61
6		0				0	0	61	60	62	62	61
7		0				0	0	61	57	62	62	61
8		0				0	0	61	57	62	62	61
9		0				0	0	61	57	62	62	60
10		0				0	0	61	57	62	62	60
11		0				0	0	61	57	62	62	60
12		0				0	0	61	57	62	62	60
13		0				0	0	61	57	62	62	60
14		0				0	0	61	53	62	61	60
15		18				0	0	61	47	62	61	60
16		19				0	0	61	47	62	61	60
17		10				0	0	61	47	62	61	60
18		0				0	0	61	47	62	61	60
19		0				0	0	61	47	62	61	60
20		0				0	0	62	47	61	61	58
21		0				0	0	62	55	61	61	52
22		0				0	0	62	55	62	61	52
23		0				0	0	62	55	62	61	52
24		0				17	0	62	55	62	61	52
25		0				17	0	62	61	62	61	26
26		0				0	12	62	61	62	61	0
27		0				0	18	62	61	62	61	0
28		0				0	32	62	61	62	61	0
29		0				0	48	61	62	62	61	0
30		0				0	48	61	62	62	61	0
31						0		61		62	61	
Mean	0	1.6	0	0	0	1.1	5.3	61.1	56.4	61.9	61.4	48.0
Acre-Feet	0	93	0	0	0	67	313	3,760	3,350	3,810	3,780	2,860

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Year ~~or Period~~ Mean 24.9
Acre-Feet 18,033

Daily discharge, in second-feet, of MILNER LOW LIFT CANAL near MILNER, IDAHO, for the year ending September 30, 19 43

Plate No. 38

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							0	143	141	168	170	168
2							0	142	124	168	166	168
3							0	141	122	168	170	168
4							0	142	124	170	168	168
5							0	141	124	170	167	168
6							0	164	124	170	167	168
7							0	166	133	170	169	168
8							0	166	134	170	169	168
9							0	167	140	171	169	168
10							0	168	140	170	169	168
11							0	167	141	170	169	168
12							0	156	127	170	168	168
13							0	163	44	170	167	156
14							0	166	0	170	167	147
15							0	166	0	171	167	147
16							0	164	0	171	167	147
17							0	162	0	171	167	147
18							0	162	8	170	167	147
19							0	153	90	170	167	147
20							0	166	91	170	169	131
21							18	166	101	170	168	119
22							34	165	115	170	166	119
23							48	165	121	170	166	107
24							58	164	136	170	169	102
25							89	164	137	170	170	102
26							109	164	143	170	167	102
27							129	164	145	169	167	102
28							148	164	143	169	168	88
29							143	165	160	169	169	81
30							143	166	166	169	169	81
31								161		155	168	
Mean	0	0	0	0	0	0	30.6	160	106	169	168	140
Acre-Feet	0	0	0	0	0	0	1,820	9,860	6,300	10,410	10,330	8,310

U. S. GOVERNMENT PRINTING OFFICE 6—7162

Year or Period
Mean 65.0
Acre-Feet 47,030

Daily discharge, in second-feet, of GOODING PROJECT IN GOODING CANAL near MILNER, IDAHO *for the year ending September 30, 19*43

Plate No. 39

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	50	0					0	820	1040	1220	1620	1290
2	60	0					0	820	1030	1260	1600	1220
3	60	0					0	820	1030	1300	1620	1220
4	60	0					0	830	1030	1310	1620	1220
5	60	0					0	900	1020	1310	1600	1160
6	60	0					0	930	1020	1300	1600	1140
7	60	0					0	930	1020	1300	1590	1140
8	60	0					0	930	1020	1300	1590	1140
9	50	0					0	940	1020	1340	1570	1130
10	50	0					0	990	1020	1400	1550	1120
11	50	0					0	1030	1030	1410	1540	1120
12	50	0					0	1030	1030	1400	1540	1110
13	50	0					0	1090	1020	1410	1530	1020
14	20	410					0	1120	970	1450	1490	960
15	0	670					0	1130	960	1540	1490	970
16	0	670					0	1130	950	1550	1490	970
17	0	630					0	1140	950	1550	1470	930
18	0	410					0	1140	950	1550	1450	900
19	0	0					0	1140	950	1550	1450	900
20	0	0					0	1140	950	1550	1430	900
21	0	0					0	1130	940	1590	1410	900
22	0	0					0	1130	940	1640	1410	890
23	0	0					0	1160	980	1640	1410	860
24	0	0					0	1230	1040	1630	1410	860
25	0	0					0	1230	1120	1620	1410	860
26	0	0					0	1150	1190	1610	1410	860
27	0	0					0	1120	1220	1600	1400	860
28	0	0					0	1130	1220	1600	1400	860
29	0	0					410	1130	1220	1600	1390	290
30	0	0					740	1070	1220	1610	1330	0
31	0							1030		1620	1310	
Mean	23.9	93.0	0	0	0	0	38.3	1049	1037	1476	1488	960
Acre-Feet	1,470	5,530	0	0	0	0	2,280	64,480	61,690	90,760	91,500	57,120

U. S. GOVERNMENT PRINTING OFFICE 6—7149

YEAR ~~or Period~~ MEAN 518

ACRE-FEET 374,830

Daily discharge, in second-feet, of GOODING CANAL below N. S. DIVERSION near MILNER, IDAHO for the year ending September 30, 1943

Plate No. 40

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	40	0					0	791	1013	1195	1578	1264
2	50	0					0	791	1000	1235	1558	1200
3	50	0					0	791	1002	1270	1580	1202
4	50	0					0	807	998	1275	1572	1202
5	50	0					0	878	994	1275	1555	1145
6	50	0					0	903	991	1268	1552	1123
7	50	0					0	903	989	1270	1543	1118
8	50	0					0	907	991	1272	1548	1118
9	40	0					0	910	994	1315	1531	1107
10	40	0					0	964	994	1370	1509	1101
11	40	0					0	1006	1002	1377	1504	1099
12	40	0					0	1006	1002	1368	1507	1096
13	40	0					0	1059	981	1382	1495	1002
14	15	395					0	1096	943	1423	1459	947
15	0	641					0	1103	926	1514	1461	954
16	0	641					0	1101	922	1516	1464	952
17	0	607					0	1110	922	1519	1442	912
18	0	387					0	1107	920	1521	1418	884
19	0	0					0	1110	920	1521	1420	886
20	0	0					0	1110	922	1516	1396	886
21	0	0					0	1105	918	1550	1380	888
22	0	0					0	1101	914	1598	1380	870
23	0	0					0	1127	947	1592	1382	844
24	0	0					0	1204	1008	1588	1375	844
25	0	0					0	1202	1088	1578	1373	846
26	0	0					0	1118	1156	1562	1375	844
27	0	0					0	1094	1193	1558	1370	844
28	0	0					0	1096	1191	1552	1368	844
29	0	0					387	1096	1191	1550	1354	279
30	0	0					713	1040	1195	1562	1299	0
31	0							1004		1578	1277	
Mean	19.5	89.0	0	0	0	0	36.7	1021	1008	1441	1452	943
Acre-Feet	1200	5300	0	0	0	0	2180	62,760	59,950	88,600	89,310	56,130

Year ~~or Period~~

Mean 505

Acre-Feet 365,430

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. 41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	520					350	770	830	780	960	900
2	0	700					510	780	830	780	940	900
3	0	680					500	790	820	780	960	900
4	0	690					410	790	810	780	960	900
5	580	340					180	790	820	790	940	900
6	770	0					220	800	820	880	940	900
7	780	0					450	790	810	950	940	900
8	840	0					500	800	800	950	930	900
9	870	0					540	810	800	950	930	870
10	860	0					540	800	800	960	920	850
11	840	0					540	810	810	960	910	840
12	830	0					610	820	820	850	910	830
13	840	0					700	820	810	960	910	850
14	860	0					690	810	800	960	910	840
15	820	0					540	810	790	950	920	840
16	800	0					0	810	780	950	920	840
17	800	0					0	820	790	960	920	840
18	780	0					0	820	780	960	910	830
19	820	0					0	820	780	960	910	840
20	840	0					0	830	790	960	920	840
21	850	0					420	810	780	960	920	840
22	790	0					780	810	780	930	920	840
23	850	0					770	810	790	910	930	850
24	830	0					770	810	790	940	920	850
25	790	0					770	800	790	950	920	850
26	770	0					770	810	790	940	930	840
27	780	0					770	810	780	940	930	830
28	810	0					760	810	780	930	930	820
29	610	0					770	820	780	930	910	270
30	190	0					770	820	780	950	900	0
31	140							820		960	900	
Mean	656	97.7	0	0	0	0	488	807	798	920	925	810
Acre-Feet	40,340	5,810	0	0	0	0	29,020	49,630	47,460	56,550	56,870	48,200

Year ~~or~~ ~~Period~~ Mean 461

Acre-Feet 333,880

Daily discharge, in second-feet, of NORTH SIDE TWIN FALLS CANAL at MILNER, IDAHO *for the year ending September 30, 19*43

Plate No. 41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	566	500	487	490	288	1960	2390	2470	2710	2640
2	0	0	553	490	487	490	0	1990	2380	2520	2710	2620
3	0	0	559	506	487	503	0	2030	2370	2550	2710	2620
4	0	0	559	497	487	525	0	2130	2330	2520	2710	2590
5	232	449	556	494	487	528	0	2190	2360	2550	2710	2530
6	254	654	547	509	480	547	0	2220	2330	2570	2700	2540
7	200	627	534	497	478	547	0	2180	2310	2550	2700	2510
8	83	624	531	500	478	540	0	2200	2310	2610	2690	2470
9	0	627	515	506	466	553	0	2230	2290	2610	2680	2420
10	0	631	503	503	454	559	0	2250	2270	2610	2660	2390
11	0	614	515	503	460	556	0	2310	2220	2610	2640	2370
12	0	611	515	503	469	572	0	2350	2140	2610	2650	2380
13	0	611	525	509	469	595	0	2370	2050	2620	2640	2360
14	0	611	531	509	469	553	108	2360	1910	2620	2630	2280
15	0	604	543	497	469	528	417	2380	1900	2630	2640	2280
16	0	608	531	509	451	547	938	2370	1890	2630	2640	2230
17	0	601	531	497	460	543	998	2370	1870	2630	2650	2140
18	0	579	531	497	460	534	1030	2350	1850	2630	2640	2120
19	0	572	531	497	454	537	1180	2360	1870	2630	2640	2110
20	0	566	531	488	451	566	1390	2370	1900	2620	2700	2030
21	0	566	540	478	445	563	1160	2370	1930	2610	2720	1970
22	0	563	543	478	463	572	900	2360	2060	2630	2710	1910
23	0	559	540	478	460	601	1000	2390	2100	2690	2710	1850
24	0	566	531	490	451	651	1100	2420	2140	2710	2690	1840
25	0	582	518	478	451	658	1290	2420	2220	2700	2690	1760
26	0	579	522	490	451	658	1470	2420	2270	2680	2690	559
27	0	575	528	500	460	658	1700	2430	2270	2690	2680	433
28	0	579	550	494	472	559	1780	2420	2270	2700	2660	325
29	0	579	522	494	—	604	1900	2460	2310	2690	2610	820
30	0	559	506	494		540	1940	2460	2390	2700	2660	1120
31	0		506	481		528		2430		2700	2670	
Mean	24.8	510	533	496	466	561	686	2308	2163	2622	2675	2007
Acre-Feet	1,530	30,340	32,750	30,480	25,900	34,520	40,840	141,900	128,700	161,200	164,500	119,400

YEAR —OR— ~~PERIOD~~ MEAN 1260

ACRE-FEET 912,060

Daily discharge, in second-feet, of SOUTH SIDE TWIN FALLS CANAL at MILNER, IDAHO for the year ending September 30, 19[illegible]

Plate No 43

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1610	1120	589	595	583	508	58	3030	3210	3290	3650	3510
2	1570	842	613	598	588	505	61	3010	3000	3280	3600	3520
3	1510	748	607	604	560	505	414	3060	2870	3310	3560	3470
4	1480	550	610	592	567	505	698	3120	2840	3330	3560	3370
5	1480	541	604	589	562	511	832	3220	2780	3330	3560	3230
6	1420	547	589	604	577	505	992	3380	2770	3380	3560	3260
7	1400	547	583	598	592	502	1140	3260	2710	3440	3570	3260
8	1380	704	589	595	588	505	1230	3270	2720	3460	3590	3120
9	1380	781	586	592	558	511	1210	3290	2720	3500	3580	3000
10	1380	742	580	595	557	505	1060	3240	2730	3510	3570	2970
11	1380	717	580	598	594	505	988	3260	2710	3490	3570	2970
12	1380	704	580	601	603	497	988	3270	2710	3460	3580	2970
13	1330	655	589	601	604	497	999	3310	2660	3490	3600	2980
14	1240	667	583	598	602	502	1040	3320	2590	3480	3600	2920
15	1140	673	589	598	601	508	1210	3340	2420	3460	3590	2860
16	1050	619	586	604	577	502	1320	3340	2280	3450	3610	2740
17	985	613	583	568	577	502	1630	3320	2300	3450	3610	2690
18	982	580	580	504	574	502	1550	3260	2340	3450	3610	2580
19	936	559	577	571	568	494	1730	3260	2450	3480	3610	2520
20	913	556	577	595	565	500	1980	3270	2510	3480	3610	2470
21	913	568	598	613	562	497	2310	3260	2640	3480	3610	2420
22	882	592	595	598	574	494	2300	3240	2830	3500	3610	2300
23	872	586	595	610	568	497	2620	3220	2880	3560	3620	2010
24	855	586	598	613	517	497	2810	3330	2940	3580	3610	1830
25	633	589	598	607	508	511	2840	3330	3000	3570	3630	1700
26	35	595	589	610	508	511	2760	3330	3030	3560	3630	1680
27	35	601	607	619	502	520	3030	3340	3050	3550	3630	1620
28	35	592	610	619	505	447	3060	3320	3200	3550	3630	1530
29	35	598	595	613	—	85	3110	3320	3300	3560	3580	1490
30	50	592	592	601		63	3030	3290	3330	3600	3590	1490
31	956		598	592		63		3290		3660	3570	
Mean	1008	645	592	597	566	460	1633	3261	2784	3474	3597	2616
Acre-Feet	61,980	38,410	36,390	36,680	31,420	28,280	97,190	200,500	165,700	213,600	221,200	155,700

U. S. GOVERNMENT PRINTING OFFICE 5—7163

Year ~~or Period~~ Mean 1778

Acre-Feet 1,287,050

Daily discharge, in second-feet, of SNAKE RIVER AT MILNER, IDAHO for the year ending September 30, 19[illegible] Plate No. [illegible]

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	368	3830	368	2190	3150	6320	5420	8730	2370	17400	16	316
2	362	3920	368	1710	3150	6310	5580	5490	7060	17400	17	319
3	371	3800	371	1710	3060	6300	5980	5100	11000	15400	158	319
4	374	3840	395	2130	3100	6290	5760	4070	21000	11200	185	319
5	371	3830	398	1600	3110	6040	5420	3520	22500	10800	94	316
6	368	3920	398	1970	3220	6400	4130	3220	23000	11100	31	319
7	371	3930	600	2180	3220	6310	3290	4120	21700	13000	22	319
8	410	3750	4860	2180	3200	6380	2550	3110	11800	13500	19	319
9	420	3580	6600	2170	3060	6330	2540	7360	9930	10600	18	426
10	420	1950	6140	2140	2680	6480	3220	9500	6580	7320	16	459
11	423	744	6380	1990	3080	6280	3880	3670	5980	1890	16	459
12	429	420	5510	1850	3330	6350	3690	973	5070	353	16	459
13	426	480	4530	1910	3360	6380	6140	1330	4770	292	16	459
14	420	579	1820	2060	3340	6240	6880	482	5920	1370	15	459
15	420	576	1440	1810	3300	6200	6340	209	8030	3420	15	462
16	426	363	1790	1630	3360	6510	6260	322	12300	858	17	470
17	426	240	1930	1600	5820	6510	7720	840	13700	242	18	476
18	420	242	2380	1580	6410	6520	7780	740	14000	255	14	480
19	417	263	2260	1870	6430	5850	7720	650	12900	187	68	480
20	417	294	2060	2180	6430	5740	10200	654	12800	18	336	480
21	414	311	1270	2450	6410	5730	12800	359	12200	15	336	480
22	642	294	1930	4300	6460	5610	18600	359	10700	13	328	484
23	2600	281	2230	2290	6620	4570	19800	359	13900	15	356	487
24	3580	276	2090	2180	6810	4330	19600	464	17200	13	365	487
25	4380	271	2140	2150	6820	4430	19600	356	16600	14	345	487
26	4430	273	1910	2610	6740	4500	19200	353	15700	13	345	487
27	3940	273	1420	2800	6540	4500	18900	356	18600	12	342	487
28	4010	273	1690	2910	6270	4270	17600	353	16900	12	342	487
29	4500	273	2420	3200		1970	16000	401	15900	12	314	480
30	5010	314	2320	3270		3230	11000	638	16700	12	314	476
31	3930		2190	3200		6340		550		13	316	
Mean	1468	1446	2329	2252	4589	5652	9453	2214	12890	4411	155	432
Acre-Feet	90,240	86,060	143,200	138,500	254,800	347,500	562,500	136,100	767,200	271,200	9,540	25,700

Year ~~or Period~~ Mean 3913

Acre-Feet 2,832,540

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Daily ~~discharge~~ contents, in ~~second~~ acre -feet, of HENRYS LAKE near LAKE, IDAHO for the year ending September 30, 19 43

Plate No. 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1											81901	76956
2										80114	81645	76893
3										81262	81262	76830
4											80624	76830
5											79860	76830
6											79478	76767
7											79605	76704
8											79098	76578
9											78846	
10										81901	78594	76515
11										81901	78342	76452
12											78090	
13										81901	78216	
14									74310		78342	
15	44384									82029	78216	
16	44499										78090	
17										82157	77964	
18										82157	77838	76200
19											77964	
20										82285	77964	
21							60547	65768			77964	
22										82285	77964	
23										82863	77901	
24						56253				82542	77838	
25										82413	77712	
26											77649	
27									77775	82157	77586	76200
28					* 54400						77460	
29										82157	77334	
30		* 47000					* 62000		* 79200	82029	77208	
31	* 45200		* 49500	* 52000		* 57300		* 69320		82029	77082	

* Interpolated.

Mean												
Acre-Feet												

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Year or Period Mean

Acre-Feet

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

Plate No. 46

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4								10	19	270	35
2	4								10	22	294	35
3	4								10	22	272	35
4	4								10	25	202	35
5	4								10	28	198	35
6	5								10	32	194	35
7	5								10	37	196	35
8	5								10	40	197	35
9	5								10	41	203	35
10	6								10	46	208	35
11	6								10	50	32	35
12	6								10	50	40	36
13	6								10	48	45	35
14	6								10	47	45	35
15	5								10	47	44	34
16	4								10	48	43	33
17									10	48	45	33
18									10	50	44	29
19									10	54	44	26
20							11	10	10	57	42	26
21									10	56	41	26
22									10	58	40	26
23						8			10	60	41	26
24									10	66	42	26
25									10	74	41	26
26									10	73	39	26
27									10	68	39	26
28									10	68	39	26
29									13	93	39	26
30									16	159	38	26
31										179	36	
Mean	Est. 5	Est. 6	Est. 6	Est. 7	Est. 7	Est. 8	Est. 11	Est. 10	10.3	56.9	99.8	31.1
Acre-Feet	307	357	369	430	389	492	655	615	613	3,500	6,130	1,850

Year ~~Period~~ Mean 21.7

Acre-Feet 15,707

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Daily ~~discharge~~ contents, in ~~second~~ acre-feet, of ISLAND PARK RESERVOIR near ISLAND PARK, IDAHO for the year ending September 30, 19 43

Plate No. 47

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	60535	60580	74685	98675	121730	123860	124010	131515	136095	134640	133350	109515
2	60580	60625	75520	99480	122260	123630	124010	132790	135610	134555	133190	107950
3	60580	60535	76360	100285	122870	123630	124010	133670	135935	134555	133270	106755
4	60535	61040	77030	100825	123780	123475	124165	134235	134075	134800	133350	105360
5	60580	60990	77770	101505	123555	123475	124010	135205	133030	134395	133350	104040
6	60580	60855	78575	102255	123325	123475	124090	135610	133910	134395	133350	102730
7	60580	60855	79440	102940	123250	123475	124240	135855	134720	134235	133590	101640
8	60580	60900	80430	103625	123325	123400	124320	134395	134880	134155	133430	100285
9	60580	60990	81310	104180	123400	123400	124860	134075	134720	134155	133350	98675
10	60580	60855	82080	104940	123400	123325	125165	133910	134720	133910	133190	98475
11	60580	60625	82795	105565	123400	123325	125630	134155	134880	133990	133190	97610
12	60625	60535	83510	106125	123400	123250	126785	134315	134880	133590	133030	96750
13	60765	60535	84235	106825	123400	123400	126330	134800	135205	133590	132710	95825
14	60580	60535	85080	107455	123250	123475	126875	134960	135365	133590	132310	94975
15	60625	60535	85685	108165	123325	123780	127265	135450	135285	133510	131830	94065
16	60535	61780	86480	108945	123325	123630	127965	135610	135285	133430	131590	92965
17	60580	62715	87160	109655	123325	123630	128595	135770	135045	133430	131115	92320
18	60625	63710	87845	110300	123400	123555	129300	135935	134880	133350	130565	91620
19	60670	64915	88530	110870	123400	123555	130090	135365	134640	133350	129695	90985
20	60625	65750	89215	111520	123475	123555	130960	135045	135125	133430	128595	90225
21	60535	66440	89845	112890	123400	123555	131750	135205	135285	133350	127110	89595
22	60580	67240	90605	114570	123630	123400	131910	135285	135365	133350	125475	88780
23	60535	68055	91555	115745	124165	123400	131435	135855	135610	133350	123860	88155
24	60580	68770	92515	116410	124010	123250	131670	135855	135365	133430	122335	87535
25	60580	69700	93480	117000	124010	123325	132470	136260	135285	133350	120820	86975
26	60580	70430	94250	117595	123935	123325	132390	136095	135450	133430	119085	86115
27	60535	71485	94845	118340	123780	123400	130880	136015	135125	133430	117370	85685
28	60580	72235	95500	119160	123780	123475	129930	135770	134880	133590	115670	85200
29	60535	73150	96355	119910	—	123555	130325	136015	134640	133510	114005	84595
30	60535	73970	97015	120440		123780	130485	136340	134800	133430	112530	84050
31	60535		97875	121045		123860		136175		133510	110870	
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, 19 43

Plate No. 48

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	421	398	6	7	8	349	367	775	2180	725	607	1250
2	421	398	6	7	9	358	385	913	2220	705	627	1250
3	421	398	6	7	10	358	385	1040	2200	690	632	1250
4	421	430	6	8	279	358	408	1140	2180	681	642	1220
5	421	439	6	8	416	358	421	1290	1190	661	632	1130
6	421	439	6	8	367	358	421	1320	612	642	622	1130
7	421	444	6	8	349	358	421	1590	882	622	632	1130
8	421	444	6	8	340	358	421	1350	1030	607	637	1080
9	421	476	6	8	340	358	421	1120	1030	593	627	960
10	421	499	6	8	340	358	421	939	1030	579	607	960
11	421	467	6	8	344	358	421	851	1040	574	603	960
12	448	394	6	8	344	358	421	661	1060	555	569	960
13	485	394	7	8	344	358	421	661	1090	513	574	960
14	467	394	7	8	336	358	421	715	1130	522	603	960
15	453	135	7	8	331	358	426	740	1120	517	603	960
16	426	6	7	8	331	358	439	790	1120	504	661	939
17	403	6	7	8	331	358	467	810	1090	499	780	840
18	403	6	7	8	331	358	508	970	1070	494	897	840
19	416	6	7	8	331	358	564	970	861	504	1030	840
20	426	6	7	8	331	358	715	833	820	499	1110	840
21	416	6	7	8	331	358	1020	800	861	508	1260	840
22	412	6	7	8	331	358	1280	835	866	504	1260	840
23	403	6	7	8	362	358	1270	887	856	504	1260	840
24	403	6	7	8	376	349	1390	923	835	504	1260	840
25	403	6	7	8	376	340	1730	1060	810	504	1260	840
26	403	6	7	8	376	340	1870	1260	800	508	1350	840
27	398	6	7	8	376	340	1610	1240	770	527	1350	840
28	398	6	7	8	354	340	1210	1220	750	531	1300	840
29	398	6	7	8	---	344	1120	1280	725	513	1260	840
30	398	6	7	8		344	855	1500	740	504	1260	846
31	398		7	8		344		1630		579	1260	
Mean	419	208	6.6	7.9	310	354	741	1036	1099	560	896	962
Acre-Feet	25,760	12,370	407	486	17,240	21,750	44,090	63,700	65,390	34,460	55,090	57,250

Year ~~or Period~~ Mean 550 Acre-Feet 397,993

Daily discharge, in second-feet, of HENRYS FORK at WARM RIVER, IDAHO *for the year ending September 30, [illegible]*

Plate No. 49

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	791	804	a 361	a 410	a 370	710	747	1780	2310	1190	1030	1640
2	791	798	a 361	a 410	a 360	710	791	1890	2770	1160	1030	1650
3	785	804	a 361	a 370	a 370	741	810	1950	2460	1150	1040	1650
4	785	830	a 361	a 330	374	766	830	2020	2580	1160	1040	1640
5	785	862	a 361	a 330	c 500	735	856	2180	2260	1140	1040	1540
6	785	849	361	a 350	a 800	735	876	2180	1280	1110	1030	1500
7	785	856	a 361	a 370	a 770	785	895	2230	1270	1100	1040	1500
8	a 770	856	a 361	a 380	a 740	778	936	2360	1570	1080	1050	1500
9	a 760	882	a 361	a 380	a 730	766	970	1890	1550	1080	1020	1420
10	a 770	902	a 361	a 370	a 720	741	977	1810	1550	1060	1010	1350
11	a 800	909	424	357	a 730	741	984	1680	1550	1060	1000	1350
12	a 820	843	420	357	a 740	741	a 1000	1600	1560	1050	977	a 1350
13	a 831	810	406	348	a 740	772	a 1040	1400	1580	1020	943	a 1350
14	a 831	804	397	374	a 740	772	a 1080	1440	1630	984	977	a 1350
15	831	836	a 380	397	a 730	766	a 1130	1470	1610	977	977	a 1350
16	a 780	a 470	a 380	392	a 730	753	a 1200	1530	1590	970	977	a 1350
17	a 740	a 450	a 380	361	a 725	753	1290	a 1600	1540	950	1120	a 1280
18	a 778	a 440	a 380	319	722	741	1390	a 1700	1530	929	1180	a 1240
19	778	a 400	374	352	722	735	1500	a 1700	1460	922	1380	a 1240
20	798	336	379	a 400	722	741	1670	1600	1260	916	1420	a 1240
21	798	a 340	392	a 420	747	747	1840	1480	1290	916	1620	a 1240
22	798	a 400	383	a 420	766	741	2110	1520	1300	936	1640	a 1240
23	791	a 410	397	a 410	741	741	2180	1570	1300	936	1630	a 1240
24	791	410	406	a 360	766	741	2320	1580	1270	929	1640	a 1240
25	791	311	388	a 360	766	729	2440	1620	1250	929	1630	1240
26	785	366	366	374	760	729	2620	1840	1230	929	1700	1240
27	778	379	296	392	760	729	2340	1840	1200	936	1730	1260
28	791	379	a 350	a 410	753	735	2160	1820	1160	943	1720	1260
29	791	379	a 380	a 420	—	747	2030	1820	1140	943	1640	1260
30	791	365	a 390	a 420		772	1910	1880	1170	929	1650	1250
31	791		a 400	a 380		753		2050		922	1640	

MEAN	790	616	377	378	682	747	1431	1775	1574	1008	1275	1365
ACRE-FEET	48,580	36,650	23,160	23,250	37,870	45,910	85,130	109,200	93,660	62,000	78,390	81,240

YEAR MEAN 1001

ACRE-FEET 725.040

Daily discharge, in second-feet, of HENRYS FORK near ASHTON, IDAHO, for the year ending September 30, 19 43

Plate No. 50

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1090	1080	646	676	608	1000	1160	2930	3540	1730	1440	2080
2	1060	1090	686	686	676	847	1200	3170	4120	1730	1480	2100
3	1060	1100	656	627	656	916	1360	3190	3630	1700	1480	2120
4	1090	1170	608	580	646	1040	1400	3210	3760	1700	1480	2080
5	1090	1130	665	598	867	1050	1420	3420	3260	1630	1470	1960
6	1080	1160	686	636	1130	880	1440	3350	2080	1630	1470	1920
7	1080	1160	686	646	1000	1040	1530	3350	2020	1600	1470	1900
8	1060	1160	686	646	1060	1080	1610	3470	2340	1550	1500	1860
9	1060	1200	646	627	976	1000	1560	2760	2280	1550	1470	1810
10	1060	1170	646	553	904	988	1580	2740	2340	1530	1440	1700
11	1080	1190	707	598	1000	1000	1600	2590	2320	1520	1390	1730
12	1130	1120	696	580	964	1010	1700	2530	2380	1550	1450	1730
13	1130	1050	686	618	988	1040	1810	2220	2420	1500	1330	1730
14	1140	1090	686	665	988	1090	1860	2240	2530	1450	1390	1720
15	1140	1130	686	656	952	1010	2060	2340	2380	1500	1380	1720
16	1120	814	665	598	952	1010	2180	2380	2380	1400	1450	1720
17	1060	686	665	562	976	1050	2260	2400	2320	1420	1440	1630
18	1030	803	646	477	940	1030	2400	2340	2280	1400	1580	1560
19	1060	738	723	536	988	1010	2570	2510	2260	1380	1830	1600
20	1090	728	561	656	976	1010	2820	2510	1980	1390	1810	1600
21	1080	665	627	760	964	1030	2970	2380	2020	1400	2000	1600
22	1090	656	646	718	1060	1030	3280	2490	2020	1380	2080	1610
23	1090	718	686	598	940	1060	3370	2570	2020	1470	2060	1610
24	1060	718	665	656	1040	1060	3650	2590	1940	1390	2060	1580
25	1060	676	656	608	952	1060	3720	2610	1920	1360	2060	1610
26	1060	608	608	646	1030	1060	3930	2820	1860	1390	2120	1610
27	1090	738	510	656	1010	1080	3490	2860	1790	1380	2160	1660
28	1060	656	646	665	1000	1120	3150	2890	1790	1380	2160	1660
29	1060	728	665	618	—	1170	3120	2890	1720	1380	2080	1630
30	1060	707	665	696		1260	3080	2990	1750	1380	2080	1610
31	1060		676	536		1210		3190		1360	2080	
Mean	1080	921	657	625	937	1040	2309	2772	2382	1488	1700	1748
Acre-Feet	66,410	54,820	40,430	38,440	52,050	63,950	137,400	170,400	141,700	91,500	104,500	104,000

U. S. GOVERNMENT PRINTING OFFICE 6—7149

Year ~~or Season~~ Mean 1472

Acre-Feet 1,065,600

Daily discharge, in second-feet, of HENRYS FORK at ST. ANTHONY, IDAHO for the year ending September 30, 19 43

Plate No. 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		1050						4610	5270	2960	972	1660
2		1130						5100	6070	3040	940	1660
3		1130						5270	5240	2820	962	1880
4		1260						5160	5100	2870	951	1820
5		1180						5330	4270	2820	897	1730
6		1200						4960	2890	2580	876	1660
7								4770	2580	2470	908	1660
8								4750	2700	2290	962	1630
9								a 4000	2700	2100	962	1640
10								a 3800	2750	2120	930	1520
11								a 3600	2870	2020	930	1640
12								a 3400	3060	1840	962	1630
13								a 3100	3330	1680	856	1630
14								a 2900	3880	1440	816	1590
15								2940	3800	1380	856	1610
16								2840	3600	1310	897	1610
17								2680	3360	1190	930	1560
18								2560	3280	1130	1080	1440
19								2920	3500	1150	1260	1540
20								2920	3600	1050	1310	1560
21								2940	3500	1050	1420	1540
22								3300	3560	1130	1540	1560
23								3330	3480	1360	1540	1560
24								3530	3360	1200	1580	1560
25								3580	3300	1100	1610	1580
26								3860	3260	1110	1630	1610
27								4060	3180	1080	1700	1680
28								4400	3010	1010	1660	1680
29								4690	2770	897	1590	1630
30	1030							4750	2820	796	1560	1610
31	1030							4830		846	1590	
Mean		1158 (1-6)						3899	3536	1672	1183	1623
Acre-Feet		13,790						240,200	210,400	102,800	72,750	96,560

U. S. GOVERNMENT PRINTING OFFICE 0—7169

Year or Period Mean

Acre-Feet

Daily discharge, in second-feet, of HENRYS FORK near REXBURG, IDAHO, for the year ending September 30, 1943

Plate No.52

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1050	1470	1450	1520	1080	1550	2500	5240	5820	3900	930	1660
2	1100	1540	1400	1540	1110	1280	2370	5340	6350	4010	976	1710
3	1080	1580	1350	1470	1220	1240	2470	a 6000	6930	4160	976	1830
4	1080	1650	1290	1380	1200	1400	2640	a 6100	6790	4030	1040	1950
5	1080	1670	1290	1360	1110	1670	2810	6180	6520	4020	989	1940
6	1080	1670	1320	1370	1260	1670	2850	6320	5740	3920	950	1880
7	1080	1660	1360	1360	1610	1560	2790	6130	4230	3670	982	1880
8	1070	1630	1370	1300	1660	1730	2930	5800	3480	3490	1040	1920
9	1060	1610	1320	1230	1570	1820	3180	5550	3310	3200	1160	1930
10	1060	1650	1360	1140	1480	1750	3060	4690	3190	2860	1170	1920
11	1080	1610	1430	1080	1540	1770	3140	4410	3300	2750	1140	1920
12	1130	1660	1490	1130	1600	1730	a 3250	4290	3550	2620	1080	1950
13	1220	1670	1480	1160	1610	1670	a 3350	3940	3900	2470	1060	1910
14	1280	1700	1480	1190	1610	1870	a 3480	3430	4390	2290	930	1860
15	1330	1730	1420	1230	1540	1900	a 3600	3240	5060	2060	892	1830
16	1350	1770	1430	1200	1530	1770	a 3750	3210	5210	1880	898	1820
17	1370	1490	1430	1080	1520	1650	3900	3160	4960	1770	924	1800
18	1380	1490	1400	945	1520	1650	4260	2990	4570	1570	1000	1700
19	1370	1620	1380	780	1520	1590	4620	2890	4230	1390	1130	1730
20	1410	1610	1340	786	1550	1550	4700	2950	4220	1320	1340	1780
21	1440	1520	1300	1060	1550	1520	5110	2910	4320	1200	1320	1830
22	1430	1430	1340	1680	1570	1510	5320	2970	4410	1160	a 1480	1830
23	1430	1490	1370	2130	1720	1560	5500	3250	4410	1520	a 1530	1830
24	1410	1580	1480	1940	1660	1660	5640	3360	4390	1740	a 1560	1830
25	1410	1660	1460	1530	1590	1900	6100	3600	4350	1620	a 1590	1810
26	1440	1520	1250	1330	1560	2180	6520	3780	4220	1530	a 1610	1810
27	1440	1520	1050	1360	1580	2150	6380	4050	4110	1500	a 1670	1880
28	1430	1530	1180	1350	1560	2580	5780	4320	4090	1410	1610	1970
29	1430	1520	1300	1320	—	2830	5320	4820	3910	1250	1600	2000
30	1430	1560	1400	1280		2980	5240	5460	3840	1130	1560	1980
31	1460		1480	1190		2930		5660		1010	1570	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	1271	1594	1368	1304	1487	1826	4085	4388	4593	2337	1216	1856
Acre-Feet	78,170	94,830	84,100	80,170	82,570	112,300	243,100	269,800	273,300	143,700	74790	110,500

Year ~~or Period~~ Mean 2275

Acre-Feet 1,647,330

Daily ~~discharge~~ contents, in ~~second~~ acre-feet, of GRASSY LAKE near MORAN, WYOMING, for the year ending September 30, 19 62

Plate No. 53

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10913	11202	11916	12723	13340		14135	14981	15105	15430	15229	15260
2	10913	11216	11944	12767	13355		14150	15012	15151	15446	15229	15260
3	10913	11230	11972	12796	13370	13790	14165	15074	15182	15322	15229	15244
4	10899	11258	11986	12825	13400			15136	15182	15322	15229	15244
5	10899	11286	12000	12854	13430		14195	15182	15182	15291	15229	15244
6	10899	11314	12028	12868	13445		14195	15244	15182	15291	15229	15244
7	10899	11328	12071	12883	13460		14210	15244	15182	15291	15229	15244
8	10926	11356	12114	12897	13475		14225	15182	15182	15275	15213	15244
9	10940	11384	12143	12912	13490		14255	15012	15182	15275	15198	15244
10	10953	11398	12172	12926	13505		14300	14810	15182	15275	15182	15244
11	10967	11398	12201	12941	13520		14330	14702	15182	15275	15167	15244
12	10994	11412	12216	12955	13535		14345	14671	15213	15260	15151	15244
13	10994	11426	12245	12984	13550			14671	15275	15244	15136	15244
14	11021	11454	12259	12999	13565		14392	14686	15275	15260	15120	15244
15	11034	11482	12274	13013	13580		14407	14733	15291	15260	15182	15244
16	11048	11496	12288	13028	13580		14423	14733	15291	15260	15213	15244
17	11062	11510	12303	13028	13595	13985	14438	14748	15291	15260	15244	15244
18	11062	11552	12317	13042	13610		14485	14764	15306	15275	15244	15043
19	11076	11594	12332	13057	13625		14516	14779	15322	15275	15244	14919
20	11090	11608	12346	13086	13625		14547	14795	15322	15260	15244	14764
21	11090	11622	12361	13115	13640		14593	14810	15337	15260	15260	14764
22	11104	11636	12375	13160	13640		14624	14841	15337	15322	15260	14764
23	11104	11650	12404	13175	13655		14655	14872	15353	15291	15260	14764
24		11678	12433	13190	13685		14702	14903	15105	15275	15260	14764
25	11118	11706	12462	13205	13715		14733	14919	14995	15275	15260	14764
26	11132	11734	12491	13220	13730		14795	14903	15058	15260	15260	14764
27	11146	11776	12520	13235	13745		14841	14919	15151	15260	15260	14764
28	11160	11804	12564	13265	13745		14857	14934	15198	15260	15260	14764
29	11160	11846	12607	13295			14888	15965	15260	15229	15260	14748
30	11160	11888	12651	13310			14934	14995	15353	15229	15260	
31	11174		12694	13325		14120		15058		15213	15260	
Mean												
Acre-Feet												

Year or Period Mean ____________

Acre-Feet ____________

U. S. GOVERNMENT PRINTING OFFICE 6—7169

Daily discharge, in second-feet, of FALL RIVER near SQUIRREL, IDAHO *for the year ending September 30,* 1943

Plate No. 54

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	425	411	454	454	332	345	384	1920	3060	2680	870	720
2	425	425	440	440	345	298	384	2130	2990	2650	890	720
3	425	425	425	397	352	237	411	2390	2480	2450	890	760
4	425	440	425	397	352	292	454	2320	2130	2630	830	720
5	425	447	425	397	352	315	499	2290	1780	2440	840	702
6	432	447	425	390	352	345	562	1890	1670	2310	820	693
7	425	447	425	390	364	345	579	1730	1480	2240	800	693
8	425	447	425	384	364	397	596	1560	1560	1940	830	684
9	425	454	432	378	358	371	702	1530	1700	2020	830	684
10	425	454	432	332	338	345	684	1500	1840	1960	810	666
11	425	454	454	345	352	371	720	1450	2080	1940	770	666
12	447	468	454	358	364	345	820	1370	2230	1740	770	666
13	418	440	440	364	364	371	900	1250	2470	1660	760	666
14	432	411	425	371	352	371	986	1370	2610	1410	760	666
15	425	491	425	390	378	358	1130	1450	2550	1390	740	666
16	440	454	425	390	364	345	1250	1370	2230	1360	740	666
17	425	468	425	352	364	345	1320	1320	2290	1280	730	657
18	411	514	425	256	364	332	1370	1320	2560	1230	720	770
19	411	499	425	265	364	332	1530	1450	2900	1160	730	666
20	397	454	425	292	364	321	1730	1570	3140	1230	730	720
21	384	514	425	371	364	265	1670	1780	3080	1170	711	666
22	397	506	440	397	397	332	1730	1890	3280	1340	711	648
23	397	440	440	397	397	332	1890	2070	2890	1320	702	648
24	397	454	425	397	358	345	2130	2230	3010	1260	693	648
25	397	468	411	364	345	358	1890	2230	3030	1020	693	648
26	397	468	345	358	345	358	1730	2290	3100	1080	693	648
27	397	483	332	378	345	358	1640	2450	3030	1070	693	648
28	397	454	345	378	345	371	1560	2920	2730	1040	693	648
29	371	454	378	364	—	371	1670	3320	2730	931	693	648
30	384	454	411	315		358	1730	2920	2580	870	693	648
31	397		454	275		384		2920		870	720	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	413	458	421	366	358	342	1155	1942	2507	1603	760	678
Acre-Feet	25,390	27,260	25,860	22,480	19,900	21,050	68,730	119,400	149,200	98,560	46,720	40,360

U. S. GOVERNMENT PRINTING OFFICE 5—7149

Year ~~or~~ ~~Period~~

Mean 918

Acre-Feet 664,910

Daily discharge, in second-feet, of FALL RIVER near CHESTER, IDAHO for the year ending September 30, 1943

Plate No. 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								2310	2930	1980	307	238
2								2710	2880	1990	290	234
3								2810	2480	1840	290	316
4								2690	2050	1910	257	311
5								2630	1640	1820	253	298
6								2280	1420	1670	238	294
7								2040	1280	1590	249	294
8								1740	1220	1440	269	294
9								1640	1300	1420	249	337
10								1590	1420	1450	238	346
11								1700	1660	1350	230	356
12								1560	1830	1240	223	351
13								1500	2050	1040	201	351
14								1440	2400	864	208	365
15								1470	2260	828	201	365
16								1440	2020	828	204	360
17								1430	1940	682	223	351
18								1400	2090	621	219	406
19								1420	2340	592	219	401
20								1500	2550	550	215	401
21							2110	1610	2600	543	208	360
22								1910	2630	682	197	351
23								1870	2400	746	172	356
24								2090	2280	621	166	356
25								2150	2320	536	176	356
26								2200	2320	508	183	356
27								2360	2300	494	190	356
28								2690	2150	440	190	351
29								3000	2020	360	190	356
30								2950	1920	311	197	351
31								2780		342	215	
Mean								2029	2090	1009	222	341
Acre-Feet								124,800	124,400	62,060	13,620	20,270

~~Year~~ Period Mean

Acre-Feet 345,150

Daily discharge, in second-feet, of TETON RIVER near TETONIA, 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	266	266	270	240	188	150	680	650	1430	1390	664	484
2	266	274	250	230	195	150	800	693	1240	1410	716	472
3	270	279	210	225	205	150	930	716	1060	1300	708	484
4	266	310	190	225	210	150	1150	769	980	1250	671	478
5	262	296	180	220	225	155	1050	856	880	1230	664	472
6	262	279	150	220	230	158	950	872	784	1190	643	466
7	258	274	185	190	230	160	1100	839	746	1180	678	466
8	258	283	190	150	225	160	1090	730	693	1180	730	460
9	258	310	195	113	225	160	938	664	629	1170	686	454
10	254	288	200	100	225	160	738	629	622	1160	636	448
11	262	279	208	100	225	160	746	615	622	1070	601	443
12	266	283	217	120	222	165	671	608	716	1010	595	443
13	274	270	210	125	217	174	622	595	823	963	574	431
14	288	262	215	130	217	180	595	588	921	905	561	431
15	292	349	220	110	217	175	581	574	930	872	554	425
16	287	283	215	62	216	165	601	588	980	839	581	425
17	282	305	210	62	216	160	608	595	872	831	581	419
18	278	310	210	85	215	155	608	554	856	769	574	414
19	274	528	210	110	215	150	622	528	1070	746	574	414
20	266	370	210	145	214	144	643	522	1290	738	554	408
21	262	334	225	200	215	150	650	516	1410	746	541	408
22	262	296	225	295	225	160	700	516	1490	808	528	408
23	262	287	225	296	240	165	643	535	1560	864	516	402
24	262	370	225	180	220	170	643	568	1480	847	516	408
25	262	440	225	165	200	170	657	615	1410	839	510	402
26	262	380	140	175	200	185	686	708	1430	816	484	408
27	262	325	135	190	200	246	650	784	1510	792	478	448
28	254	324	140	190	200	800	636	905	1500	768	478	466
29	254	320	170	190	—	800	730	1160	1410	746	478	443
30	254	320	200	188		500	650	1340	1380	723	478	419
31	254		225	188		600		1430		693	484	

Mean	266	316	203	168	215	230	746	718	1091	963	582	438
Acre-Feet	16,340	18,830	12,460	10,350	11,960	14,140	44,370	44,160	64,910	59,200	35,770	26,080

Year ~~or Period~~ Mean 495

Acre-Feet 358,570

Daily discharge, in second-feet, of TETON RIVER near ST. ANTHONY, IDAHO *for the year ending September 30, 19*43

Plate No. 57

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	484	476	462	462	a 400	391	1060	1570	3160	2580	1110	756
2	484	494	507	471	a 400	344	1330	2000	2910	2530	1150	750
3	484	498	444	453	417	349	1600	2100	2440	2320	1180	756
4	489	526	408	453	412	353	1800	2110	2060	2330	1100	750
5	489	526	386	453	408	357	1560	2190	1790	2220	1060	731
6	489	503	386	453	408	357	1430	2080	1600	2110	1050	725
7	484	494	399	417	408	365	1640	1830	1470	2130	1060	719
8	480	489	408	382	408	365	1600	1560	1440	2130	1110	719
9	476	507	408	340	404	357	1360	1380	1480	2070	1090	719
10	476	503	417	304	399	332	1220	1290	1610	2040	1020	700
11	480	462	435	304	391	344	1150	1270	1760	1900	976	694
12	489	430	444	304	404	353	1140	1280	1900	1760	939	689
13	498	435	430	316	374	357	1100	1280	2110	1650	917	683
14	494	462	430	324	365	391	1130	1250	2210	1540	902	683
15	526	503	444	324	361	404	1200	1260	2080	1500	895	678
16	512	539	426	289	357	369	1280	1280	2020	1480	902	672
17	498	498	426	255	365	378	1310	1240	1960	1380	902	666
18	489	526	412	248	357	374	1350	1150	2080	1350	895	650
19	480	719	404	a 276	369	369	1430	1060	2440	1320	895	639
20	476	644	422	304	361	349	1500	1060	2810	1300	880	639
21	471	535	444	544	357	336	1520	1220	2930	1290	844	634
22	466	484	426	666	378	357	1500	1410	3060	1370	816	628
23	466	521	426	700	422	365	1440	1580	3040	1450	803	634
24	462	535	435	544	435	357	1580	1890	2890	1400	803	634
25	458	672	426	430	408	382	1740	2020	2740	1360	803	634
26	453	563	399	430	386	430	1670	2120	2800	1360	776	634
27	453	558	344	453	386	751	1470	2320	2810	1330	762	666
28	458	521	344	453	386	1020	1340	2640	2720	1280	750	700
29	458	516	365	440	——	1410	1440	3090	2580	1230	737	694
30	458	516	408	426		1410	1440	3220	2520	1170	737	661
31	466		453	408		991		3220		1130	743	
Mean	479	522	418	407	390	486	1411	1773	2314	1678	923	685
Acre-Feet	29,450	31,050	25,780	25,040	21,670	29,880	83,960	109,000	137,700	103,200	56,740	40,730

Year ~~or Period~~ Mean 959

Acre-Feet 694,140

U. S. GOVERNMENT PRINTING OFFICE 6—7140

Daily discharge, in second-feet, of PORTNEUF RIVER at POCATELLO, IDAHO, for the year ending September 30, 19 43

Plate No. 58

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	102	172	344	300	250	406	689	713	337	96	106	112
2	104	184	344	339	240	382	708	713	392	97	106	112
3	104	183	331	339	240	354	717	713	434	100	108	111
4	101	192	297	315	240	350	733	711	458	105	112	119
5	100	192	277	284	240	352	741	704	470	102	111	126
6	97	199	253	274	240	339	760	682	472	100	106	126
7	96	196	262	270	260	339	771	651	452	95	111	130
8	95	194	267	265	270	402	782	623	434	80	109	130
9	95	199	258	260	270	456	785	586	416	88	111	129
10	98	200	263	257	260	432	782	548	394	100	112	129
11	100	194	263	257	268	440	773	502	377	87	104	123
12	108	197	260	248	270	438	762	472	367	80	89	123
13	119	199	255	267	274	428	764	446	361	69	105	123
14	123	207	253	248	281	430	773	420	377	67	112	125
15	129	212	252	252	291	450	785	394	396	71	109	125
16	132	226	252	252	286	436	799	378	414	71	105	125
17	127	233	252	229	286	398	817	386	398	69	109	125
18	133	272	245	186	295	382	828	378	384	71	109	123
19	145	311	245	181	311	373	833	354	363	73	116	123
20	151	322	240	250	326	361	838	329	337	92	125	116
21	145	308	238	280	339	356	845	318	317	89	122	119
22	144	272	241	350	386	358	874	420	284	138	120	118
23	146	252	246	380	416	361	856	426	246	150	122	115
24	158	255	277	400	404	363	835	440	213	144	120	133
25	166	262	306	380	406	380	831	392	189	146	119	127
26	166	270	311	350	422	414	815	337	160	142	112	133
27	163	277	257	340	412	462	789	313	142	164	108	144
28	160	293	262	340	410	489	764	297	122	148	106	144
29	163	313	258	320	-	550	739	284	104	138	111	142
30	163	337	255	300		629	722	279	97	132	106	148
31	170		265	270		675		299		129	108	
Mean	129	237	269	290	307	419	784	468	330	104	111	126
Acre-Feet	7,940	14,130	16,520	17,820	17,040	25,760	46,630	28,780	19,650	6,410	6,800	7,490

U. S. GOVERNMENT PRINTING OFFICE 6—7149

YEAR
—or—

MEAN 297

ACRE-FEET 214,970