WATER DISTRIBUTION
AND HYDROMETRIC WORK
DISTRICT NO. 36
SNAKE RIVER, IDAHO

1952

CONTENTS

PLATES

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

INTRODUCTION

The annual meeting of Water District No. 36 was held at Idaho Falls on March 3, 1952. Lynn Crandall was re-elected as watermaster and the following were elected as members of the Committee of Nine:

H. L. Crawford, N. V. Sharp, C. H. Welteroth, Ival Goslin, A. K. Van Orden, Geo. D. Hansen, Leonard Graham, Alex Coleman and R. W. Walker.

Advisory members: James Spofford representing Bureau of Reclamation and James Kunz representing Teton Basin.

A. K. Van Orden, member of the Committee, died October 8, 1952.

Principal resolutions adopted at the annual meeting included the following:

1. Fixed stored water transmission losses as follows: 2½% Moran to Heise, 4.4% Heise to Lorenzo, 0.5% Lorenzo to Woodville, 6% Woodville to Blackfoot, 4% Henrys Lake to Island Park, 2% Island Park to Warm River, 0.5% Warm River to Ashton.

2. Adopted a budget of $41,440.00 to cover expenses of operating the district during the ensuing year, of which it was estimated that $12,000 would be paid from Federal and State funds.

3. Opposed the plan to build the Hells Canyon project as proposed in U. S. Congress H. R. 5743.

In June 1952 a proposal to the State Land Board was made by S. K. Atkinson seeking to dredge Snake river for its mineral content between Firth and American Falls reservoir backwater. This proposal was actively opposed by the Snake River waterusers and was withdrawn by Mr. Atkinson until such time as he could secure more complete information on mineral values in the area.

The South Fork Reservoir Committee held many meetings during the year with representatives of the U. S. Bureau of Reclamation ironing out differences of viewpoint in connection with the Palisades repayment contracts. Agreement on these various matters was finally secured and it appears likely that signing of the contracts will be completed before the beginning of the 1953 irrigation season. Construction of the Palisades dam itself began during the year and was carried forward by the contractor on schedule under favorable weather and working conditions.

An ample supply of water was available for use during the irrigation season, altho deficient precipitation after July 1 resulted in a heavier draft on stored water than has occurred during the past several years. At the close of the irrigation season on September 30 the reservoirs held 1,094,070 acre-feet which is 38% of their capacity and 78% of the average holdover during the past 10 years.

Water spilled to waste past Milner in excess of Idaho Power Company rights during the year ending September 30, 1952, amounted to 3,530,000 acre-feet, compared to 3,150,000 acre-feet during the preceding year.

Stored water deliveries in 1952 began on July 5 and continued until September 30 when the gates at Jackson Lake were closed to begin storage for 1953. The deepest cut into natural flow rights occurred September 9-11, 22-23 when 25% of December 14, 1891 rights were being filled. Ground water holdover from 1951 in the headwater areas was doubtless a contributing factor in maintaining natural flow at higher levels during 1952 than would otherwise have been the case.

Ground water pumping developments in the Snake River Valley above Milner have been a matter of increasing concern to District

No. 36 waterusers for several years past due to possible reduction in ground water inflow to the River that might result therefrom. This has been especially true in the area surrounding American Falls reservoir where upwards of 2,500 second-feet enters the river as ground water inflow. At a meeting of the Committee of Nine held at Burley on April 16, 1952, an agreement was entered into with the Ground Water Division of the Geological Survey for a continuing program of systematic collection and study of records of ground water levels and flows in the American Falls basin. The agreement provided for an annual expenditure of $3,000 on this work of which one-half would be paid by the Geological Survey and one-half by Water District No. 36. The $1500 paid by District No. 36 would be charged on the annual watermaster bill 60% to American Falls reservoir to be charged to storage owners in proportion to ownership of space and 40% to natural flow rights apportioned as follows:

Twin Falls Canal Company	72%
North Side Canal Company	15
Minidoka Irrigation District	6
Burley Irrigation District	4
Gooding Project	2.5
Milner Low Lift	0.5

The percentage apportionment was based on a study of the effect that a shortage in ground water inflow to American Falls reservoir would have had on the various rights during the five year period from 1931 to 1935 when the reservoir failed to fill.

An agreement was reached with the Bureau of Reclamation whereby that Bureau would construct a half-dozen new gaging stations on tributaries to Palisades Reservoir, which will then be operated by the Watermaster's office. Some work along this line was accomplished in the fall of 1952 and all the stations should be completed by the fall of 1953. The gaging station on Henrys Fork at Warm River was discontinued September 30, 1952, as a partial offset against the new Palisades stations, so as to avoid any necessity for hiring more personnel.

PERSONNEL

The persons engaged in water distribution during 1952 were as follows:

Lynn Crandall	Watermaster and Deputy Com. of Reclamation
Henry C. Eagle	Hydr. Engineer and Deputy Watermaster
Melvin Luke	Deputy Watermaster and Hydrographer at St. Anthony
Oleen Dummer	Hydrographer
A. H. Bush	Hydrographer
Charlotte M. Elg	Clerk
C. Drue Cooper	Deputy Watermaster & Hydrographer, Teton Basin
Seth Hansen	Deputy Watermaster, Teton Basin
Don Riggs	Deputy Watermaster, Henrys Fork
S. B. Garrett	Deputy Watermaster, Henrys Fork
Joe Bohi	Deputy Watermaster, Lower Teton River
Elmer Lenz	Deputy Watermaster, Upper Fall River
D. R. Anthony	Deputy Watermaster, Heise Division
H. M. Bramwell	Deputy Watermaster, Rigby Division
D. W. Dick	Deputy Watermaster, Idaho Falls Division
Carl J. Anderson	Deputy Watermaster, Blackfoot Division
R. H. Seymour	Deputy Watermaster and Hydrographer, Milner Dam
F. S. Thomas	Deputy Watermaster, Swan Valley Division
James Spofford	Supt. Minidoka Project, Bureau of Reclamation
A. W. Heath	Supt. Am. Falls Res., Bureau of Reclamation
James L. Braman	Supt. Jackson Lake, Bureau of Reclamation
S. Geo. Pilcher	Supt. Island Park Res., Bureau of Reclamation
J. J. Taylor	Supt. Grassy Lake, Bureau of Reclamation

Gage Readers: Foster B. Randall, P. S. Jones, Mrs. Irvin Siepert, James Fugal, D. R. Anthony, J. T. Hobbs, Jos. H. Bahr, Jr., T. E. Culley, Wm. Hall, J. B. Rennoux, B. Priscock, Earl D. Sears, Gordon A. Smith, A. C. McLane.

SNOW SURVEYS

The results of snow surveys for the past ten years are shown in the following tabulations. The figures for earlier years are shown in previous annual reports of the District.

Depth in Inches (S = Snow, W = Water)

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
Moran (Snake River)								
1946							31	11.2
1947							31	9.8
1948							37	10.5
1949							40	14.5
1950							45	13.1
1951	30	6.1	40	9.8	41	12.7	37	12.4
1952	34	7.4	39	10.4	45	12.8	44	14.4
Normal	23	4.4	31	7.7	36	10.2	32	11.5
Moran Canyon (Snake River)								
1946							64	22.6
1947							68	24.1
1948							66	22.1
1949							65	23.9
1950							67	21.9
1951	-	-	53	15.8	64	21.8	68	25.7
1952	-	-	59	16.4	62	20.3	70	24.1
Normal	35	7.2	48	12.7	57	17.4	60	20.9
Arizona Station (Snake River)								
1946							57	20.5
1947							51	17.2
1948							59	18.6
1949							60	22.1
1950							62	20.5
1951	27	6.3	47	11.9	51	16.2	48	16.3
1952	48	11.2	55	15.8	64	20.0	68	24.3
Normal	32	6.5	43	11.3	50	15.2	50	17.6
Huckleberry Divide (Snake River)								
1946							52	20.2
1947							59	18.9
1948							61	18.4
1949							70	24.7
1950							77	24.0
1951	30	7.1	50	13.0	58	17.2	58	20.2
1952	48	11.0	59	16.7	65	21.0	73	24.8
Normal	35	7.3	46	12.4	56	16.7	61	19.6
Snake River Station (Snake River)								
1946							58	20.8
1947							58	19.7
1948							67	20.7
1949							77	26.8
1950							74	23.5
1951	32	7.7	54	14.3	63	19.5	63	23.2
1952	50	11.9	60	16.4	65	20.3	75	24.7
Normal	35	7.3	47	12.5	56	17.0	60	19.9

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
Lewis Lake Divide (Snake River)								
1946							115	46.4
1947							126	48.9
1948							105	37.4
1949							130	52.1
1950							143	53.0
1951	70	21.2	99	32.3	116	42.2	117	50.4
1952	88	25.2	112	36.2	122	45.8	129	52.8
Normal	63	15.7	81	26.3	101	35.0	112	43.1
Aster Creek (Snake River)								
1946							90	33.7
1947							97	36.2
1948							83	27.2
1949							109	41.5
1950							116	43.6
1951	-	-	76	24.5	94	31.9	97	39.9
1952	74	19.4	97	29.9	99	34.5	102	41.3
Normal	47	11.2	61	18.7	74	25.2	84	31.6
Colter Creek (Snake River)								
1946							60	22.5
1947							-	-
1948							-	-
1949							-	-
1950							75	27.3
1951	38	8.6	56	16.0	67	21.8	70	25.6
1952	58	14.0	63	18.2	66	23.8	80	26.3
Normal	40	8.3	50	14.0	62	18.7	63	22.4
Glade Creek (Snake River)								
1946							67	24.4
1947							74	23.6
1948							72	23.1
1949							80	29.0
1950							74	25.3
1951	40	9.4	51	15.1	68	21.1	68	24.8
1952	52	12.8	65	18.1	71	23.5	84	28.2
Normal	40	8.8	52	14.8	64	19.6	66	23.4

Year	Feb. 1-6		Mar. 1		Mar. 23-29	
	S	W	S	W	S	W
Turpin Meadows (Buffalo River)						
1943	50	15.2			56	19.9
1944	18	3.5			29	7.2
1945	28	6.0			37	8.6
1946	35	7.2			34	9.4
1947	31	7.7	39	9.2	32	8.8
1948	31	7.5	-	-	42	10.0
1949	36	9.2	-	-	37	12.3

Year	Feb. 1-6		Mar. 1		Mar. 23-29	
	S	W	S	W	S	W
Turpin Meadows (Buffalo River) - continued						
1950	32	7.1	-	-	51	13.0
1951	36	8.6	44	12.4	44	13.4
1952	34	8.5	40	10.2	48	13.5
Normal	29	6.7	33	8.3	37	10.7
Four Mile Meadows (Buffalo River)						
1943	57	16.7			62	21.1
1944	30	5.5			41	9.4
1945	37	8.6			48	13.0
1946	42	9.6			45	13.4
1947	40	10.0	47	11.6	48	12.8
1948	34	8.6	-	-	48	12.3
1949	40	10.0	-	-	50	15.1
1950	46	11.1	-	-	63	16.8
1951	41	10.3	49	14.5	52	16.4
1952	42	10.4	50	13.4	59	15.9
Normal	34	8.2	41	10.6	46	13.3
Black Rock (Buffalo River)						
1943	79	26.6			80	34.6
1944	39	9.1			60	16.0
1945	39	10.0			62	19.3
1946	62	15.3			66	22.9
1947	63	19.2	73	22.2	76	28.2
1948	48	14.3	-	-	69	20.3
1949	52	15.7	-	-	72	23.6
1950	67	18.4	-	-	89	28.9
1951	64	18.5	72	25.8	79	30.2
1952	58	16.0	65	19.8	78	24.7
Normal	46	12.3	55	16.7	67	22.3
Twogwotee Pass (Buffalo River)						
1943	94	32.3			100	43.2
1944	53	13.3			71	20.4
1945	48	13.4			69	26.1
1946	70	19.7			78	28.8
1947	76	23.7	90	28.4	86	33.3
1948	56	17.6	-	-	81	27.4
1949	64	20.9	-	-	90	32.1
1950	88	26.4	92	31.7	116	38.4
1951	79	23.9	92	32.4	100	39.9
1952	72	20.8	78	25.9	94	32.2
Normal	61	18.7	71	22.7	81	28.9

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
Valley View Ranch (Henrys Fork)								
1943	31	6.5	-	-	-	-	58	21.1
1944	14	2.6	-	-	-	-	41	10.5
1945	22	2.8	-	-	-	-	38	10.0
1946	34	7.2	-	-	46	12.4	50	15.5
1947	37	8.8	43	11.2	49	13.4	46	14.3
1948	26	4.7	32	6.6	39	8.8	50	12.8
1949	33	8.0	42	10.7	60	17.3	56	18.8
1950	32	6.2	45	12.0	52	15.3	62	19.5
1951	17	3.4	31	7.4	45	10.3	48	14.9
1952	49	11.6	67	19.5	70	23.8	81	30.0
Normal	24	5.1	40	10.2	49	13.6	49	15.5
Big Springs (Henrys Fork)								
1943	53	12.9	82	23.9	87	29.6	76	30.0
1944	11	1.6	29	6.1	48	12.0	52	15.2
1945	26	3.6	30	7.0	49	13.3	54	16.4
1946	47	9.9	54	13.6	60	18.7	65	23.2
1947	44	12.3	52	15.0	58	17.5	58	20.7
1948	32	7.4	39	10.1	48	13.2	59	18.1
1949	43	11.3	53	15.1	77	26.4	75	27.8
1950	37	7.1	55	14.9	65	20.4	74	25.9
1951	27	6.1	45	13.0	68	18.8	62	22.4
1952	57	12.5	79	24.0	86	31.0	91	34.7
Normal	33	7.1	49	12.8	61	18.4	62	21.3
Island Park (Henrys Fork)								
1943	42	9.8	70	19.1	70	23.3	59	20.6
1944	11	1.0	24	3.6	39	8.3	43	11.7
1945	22	3.1	26	5.2	42	10.5	35	11.3
1946	36	8.0	45	10.2	53	14.4	50	17.1
1947	37	8.9	42	10.6	47	13.8	46	15.1
1948	26	5.6	31	8.0	44	10.2	49	13.8
1949	37	8.4	43	11.6	66	21.8	66	22.5
1950	31	5.9	49	12.8	52	17.3	65	21.6
1951	20	4.0	35	9.1	57	12.9	53	17.6
1952	52	11.1	68	19.7	75	26.4	82	30.6
Normal	28	5.5	42	10.1	52	14.6	50	16.3
Grassy Lake (Fall River)								
1943	74	19.4	114	36.1	113	42.3	106	42.8
1944	36	8.6	42	10.8	61	17.1	63	22.1
1945	60	11.1	60	17.1	79	27.3	84	31.6
1946	66	17.8	90	24.2	89	31.2	87	35.3
1947	49	13.5	63	19.2	65	22.7	77	29.2
1948	51	16.2	56	20.4	80	27.6	100	35.6
1949	71	20.7	70	25.0	102	37.2	112	44.3
1950	44	11.2	68	19.8	89	29.0	101	37.7
1951	64	16.0	72	22.6	96	32.0	91	36.0
1952	73	19.3	90	28.0	103	35.5	121	45.6
Normal	56	15.3	69	22.0	85	29.7	87	33.9

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
Teton Pass (Teton River)								
1943	76	24.4	125	47.0	131	55.0	149	66.4
1944	-	-	34	8.6	69	15.6	65	21.9
1945	51	10.1	54	15.6	77	24.1	95	30.8
1946	61	18.9	83	24.5	87	31.1	92	34.5
1947	66	21.8	78	27.0	89	31.0	107	42.0
1948	50	14.1	59	20.8	80	26.8	96	30.5
1949	70	22.9	78	28.1	106	42.4	128	49.9
1950	43	13.5	76	23.7	101	33.1	130	43.6
1951	44	12.9	92	29.1	96	34.9	100	40.4
1952	80	21.0	92	31.2	104	38.9	122	45.9
Normal	52	14.7	73	22.8	91	31.3	104	38.1
State Line (Teton River)								
1943	46	13.7	65	21.3	67	24.0	64	26.2
1944	-	-	24	5.1	35	8.3	36	8.4
1945	31	5.6	28	7.0	39	10.3	45	13.1
1946	30	7.1	49	11.0	46	13.2	40	14.0
1947	22	6.1	35	8.8	39	11.0	33	11.0
1948	27	5.8	37	7.2	40	9.9	47	13.1
1949	38	10.3	44	12.8	55	19.4	60	21.7
1950	17	4.6	36	9.2	43	12.2	59	18.3
1951	22	4.9	51	13.2	48	14.4	49	17.3
1952	42	9.7	49	14.6	56	18.3	60	20.0
Normal	27	5.9	40	9.9	46	13.5	47	16.0
East Rim (Hoback River)								
1943	-	-	-	-	51	15.9	54	18.1
1944	-	-	-	-	27	5.8	31	7.1
1945	-	-	-	-	31	6.8	33	8.6
1946	-	-	-	-	39	9.5	41	11.6
1947	-	-	-	-	32	8.2	35	9.7
1948	-	-	-	-	31	9.1	34	7.7
1949	-	-	-	-	41	11.4	42	12.5
1950	-	-	-	-	46	15.8	54	17.4
1951	-	-	-	-	55	14.7	49	17.1
1952	-	-	-	-	38	12.0	43	15.3
Normal	17	3.4	-	-	37	10.3	40	12.1
Bryan Flat (Hoback River)								
1943	42	10.9	55	13.5	57	17.4	44	14.4
1944	5	0.8	14	2.0	19	3.2	21	5.2
1945	22	3.5	23	4.0	28	7.7	31	7.7
1946	25	5.4	35	7.2	38	7.2	33	9.4
1947	18	4.1	25	6.5	25	7.4	24	9.0
1948	17	4.1	22	4.1	31	7.1	29	7.8
1949	30	6.9	38	9.3	46	14.5	46	15.9
1950	13	2.0	28	7.9	31	9.9	33	11.4
1951	26	4.4	34	7.7	43	10.0	42	14.8
1952	36	7.3	36	10.4	43	13.4	45	16.3
Normal	20	4.0	28	6.6	34	9.4	33	10.7

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S.	W	S	W	S	W	S	W
Yellowjacket Flat (Gros Ventre River)								
1943	-	-	-	-	47	10.1	45	12.3
1944	-	-	-	-	16	1.0	20	4.7
1946	-	-	-	-	26	5.9	28	5.7
1947	-	-	-	-	24	5.4	25	5.9
1948	-	-	-	-	21	4.7	22	4.9
1949	-	-	27	4.8	30	6.9	30	8.2
1950	-	-	-	-	25	6.0	26	8.3
1951	-	-	35	7.3	38	8.0	38	9.8
1952	-	-	-	-	27	5.6	30	7.1
Normal	11	1.9	21	3.9	28	6.0	28	7.0
Grover Park Divide (Salt River)								
1943	33	7.6	46	13.8	43	13.9	45	15.2
1944	16	3.0	24	4.4	27	6.1	36	7.8
1945	31	4.2	28	5.4	32	8.2	42	11.2
1946	25	4.1	44	8.0	39	10.0	32	9.1
1947	20	4.8	30	6.8	34	8.1	26	8.3
1948	18	4.0	23	5.4	29	6.6	37	9.5
1949	29	6.8	35	8.9	42	12.6	42	13.4
1950	18	3.9	36	9.8	40	12.2	51	16.6
1951	14	3.8	39	8.2	35	10.1	36	12.5
1952	35	7.6	39	10.7	46	14.0	53	15.9
Normal	22	4.5	32	7.6	35	10.2	38	11.6
CCC Camp FF12 (Salt River)								
1943	33	7.4	50	14.7	46	14.2	48	15.7
1944	16	2.1	21	3.8	28	5.9	40	9.3
1945	-	-	26	5.3	34	9.3	40	10.5
1946	24	4.6	32	7.1	38	8.5	32	9.0
1947	25	5.3	37	8.4	38	9.9	32	10.6
1948	16	3.5	25	5.9	33	8.2	35	9.5
1949	27	6.4	34	8.5	42	12.0	38	12.5
1950	16	3.4	45	11.3	41	12.8	47	16.1
1951	19	4.4	33	8.0	39	10.9	42	13.7
1952	35	7.8	40	11.2	45	13.5	49	16.0
Normal	21	4.6	31	7.6	37	10.2	38	11.9
Deadman Ranch (Greys River)								
1943	-	-	59	17.4	57	19.8	54	18.4
1944	-	-	16	1.3	18	2.9	20	5.3
1945	28	4.0	26	4.0	33	8.8	32	8.5
1946	29	3.9	34	7.5	37	10.6	25	9.2
1947	20	6.5	28	5.7	27	7.8	18	6.3
1948	-	-	-	-	33	7.8	33	9.5
1949	-	-	-	-	38	11.5	34	12.2
1950	-	-	-	-	33	12.2	47	14.5
1951	-	-	-	-	36	12.2	37	13.0
1952	-	-	-	-	43	11.9	42	13.3
Normal	20	3.4	30	6.4	35	10.0	31	10.0

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
Greys Boundary (Greys River)								
1943	44	10.5	46	12.2	47	15.5	41	14.7
1944	7	1.0	18	3.0	20	4.9	18	5.3
1945	26	4.8	25	5.5	32	9.1	40	13.1
1946	28	6.9	42	8.6	42	12.9	30	11.5
1947	14	3.7	20	5.7	21	6.7	16	6.6
1948	19	4.5	23	6.6	32	9.0	34	11.6
1949	33	8.1	39	10.7	51	16.6	39	16.5
1950	21	3.1	28	6.1	32	9.3	40	13.9
1951	24	5.5	39	7.8	35	10.6	37	13.2
1952	42	8.1	43	13.2	48	16.1	49	16.9
Normal	23	4.9	32	7.4	36	10.8	32	11.4

On April 1, 1952 the snow (water content) averaged about the following percentages of normal on different parts of the watershed: Jackson Lake drainage 124%, tributaries Moran to Heise 126%, Island Park 181%, Fall River 134%, Teton River 122%. Due to subsequent deficiency in precipitation the runoff for the year ending September 30, 1952 was somewhat less than these figures, being the following percentages of normal at various gaging stations: Moran 118%, Heise 112%, Island Park 127%, Fall River 120%, Teton River 116%. The runoff would have been still lower except for draft by the streams on ground water stored on the watershed from recent past years of above normal water supply.

1952 REGULATION SCHEDULE

July 7	Cut off rights later than Oct. 7, 1905
" 8	Cut off rights later than Oct. 11, 1900
" 9	Cut off June 1, 1900 rights
" 10	Cut off 1898 rights
" 11	Cut off rights later than July 1, 1896
" 12	Restored 1897 rights
" 13	Restored June 16, 1900 rights
" 14	Restored 1902 rights
" 18	Cut off rights later than June 1, 1896
" 23	Cut off rights later than March 1, 1895
" 24	Filled 60% February 6, 1895
" 26	Filled 40% February 6, 1895
" 28	Filled 70% February 6, 1895

Regulation schedule - continued

July 29	Filled 90% February 6, 1895 right
" 31	Filled 80% February 6, 1895 right
Aug. 1	Filled 60% February 6, 1895 right
" 2	Filled June 1, 1895 rights
" 3	Filled June 14, 1895 right
" 4	Filled 1896 rights
" 7	Cut off rights later than June 1, 1895
" 8	Filled 80% February 6, 1895 right
" 9	Filled 70% February 6, 1895 right
" 13	Filled May 10, 1895 right
" 15	Cut off rights later than February 6, 1895
" 16	Filled 70% February 6, 1895 right
" 17	Filled 50% February 6, 1895 right
" 18	Filled 40% February 6, 1895 right
" 19	Filled 30% February 6, 1895 right
" 20	Filled 50% Aug. 18, 1894 right
" 23	Filled 25% Aug. 18, 1894 right
" 26	Cut off June 1, 1894 rights
" 30	Cut off rights later than June 1, 1892
Sept. 4	Cut off all 1892 rights
" 6	Filled 50% Dec. 14, 1891 right
" 9	Filled 25% Dec. 14, 1891 right
" 12	Restored 1893 rights
" 13	Filled 20% Feb. 6, 1895 right
" 14	Filled 50% February 6, 1895 right
" 15	Filled all 1895 rights
" 17	Filled all rights above American Falls
" 21	Cut off 1894 rights
" 22	Filled 25% Dec. 14, 1891 right
" 24	Filled 50% Dec. 14, 1891 right
" 30	Discontinued regulation and requested canals to reduce diversions so that all canals could get some water.

In most years it is necessary to cut rights on Henrys Fork for short periods to earlier priorities than on the main Snake River. In 1952, however, due mostly to the heavy snowfall in Island Park, the local stream flow held up better than usual, so that the foregoing regulation schedule was also in effect on Henrys Fork and tributaries thruout the season.

Storage drafts on the various reservoirs started on the following dates: American Falls July 4, Jackson Lake July 4, Island Park July 8, Henrys Lake July 14, Grassy Lake, July 27.

The draft from Grassy Lake was for the purpose of drawing the lake level down to a point which the Bureau of Reclamation deemed desirable to carry into the winter. The flow of Fall River plus diversion by Cross Cut Canal from Henrys Fork was more than sufficient to meet all irrigation demands on Fall River without requiring storage releases from Grassy Lake. The Cross Cut Canal carried water to Teton River for only four days, July 11-14, in 1952, altho it supplied water to the middle and north branches of the Fall River Canal from July 10 to September 10.

WATER SUPPLY

Run-off at various gaging stations during the year ending September 30, 1952, was as follows:

Station	1952 run-off (acre-feet)	Average run-off past years (acre-feet)	Years of record	1952 % of Average
Snake River at Moran	1,222,000	1,040,000	49	118
Snake River at Heise	5,695,000	5,087,000	49	112
Snake River at Neeley	6,946,000	5,722,000	56	121
Fall River near Squirrel	654,900	546,600	39	120
Teton River near St. Anthony	643,200	555,200	25	116
Henrys Fork at Warm River	919,500	726,400	38	127
Henrys Fork near Rexburg	1,889,000	1,416,000	44	133

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.

By April 25 the level of Jackson Lake had been lowered so that 54% of the reservoir capacity was available for flood control storage. As a result the maximum flow at the Moran station during the snow melting floodwater period was only 5,460 second-feet on June 15. Except for floodwater storage of about 8,000 second-feet in Jackson

Lake the peak flow would have been about 10,000 second-feet on June 5. The maximum flow at Moran in 1952 occurred on July 10, amounting to 7,440 second-feet released to meet heavy irrigation demands in the section from Idaho Falls to Blackfoot.

The peak flow at the Heise station in 1952 was 26,500 second-feet on June 9, with about 4,500 second-feet being stored in Jackson Lake at the time. No significant floodwater damage in the Heise-Roberts area was reported from this discharge.

The maximum flow of Snake River near Blackfoot occurred May 7, amounting to 28,300 second-feet. This peak was 5,000 second-feet greater than the 1951 peak due to it coming at an earlier date when Henrys Fork was at peak floodwater levels and before upstream canals were diverting water for irrigation. Some flooding of adjacent land occurred in the vicinity of the Blackfoot bridge, but this may have been caused in part by the action of a downstream landowner who had dammed off one of the high water channels of the river in connection with a land leveling project.

Flood water flows below American Falls were not of significant magnitude, the peak flow passing Milner dam being 14,300 second-feet on May 10.

The following tabulation shows how the actual run-off at various stations compared with forecasts by Government agencies from precipitation and snow survey records:

Comparison of Run-off estimates by U. S. Weather Bureau
Year ending September 30, 1952. Thousands of acre-feet.
Based on precipitation at Weather Bureau Stations

				% variation from actual run-off	
Station	Mar. 1 estimate	Apr. 1 estimate	Actual run-off	Mar. 1 estimate	April 1 estimate
Snake - Moran	1,070	1,080	1,222	-12	-12
Heise	5,390	5,490	6,036	-11	- 9
Shelley	4,710	4,830	5,598	-16	-14
Blackfoot	3,790	3,910	4,776	-21	-18
Neeley	5,870	6,010	6,946	-15	-13
Minidoka	5,110	5,240	6,129	-16	-14
Henrys Fork -					
Warm R.	784	791	920	-15	-14
Rexburg	1,520	1,540	1,921	-21	-20
Fall R.- Squirrel	570	572	655	-13	-13
Teton R. -					
St.Anthony	614	611	643	-15	-15

Estimates by Soil Conservation Service for period
April thru September 1952. Based on Snow Surveys

Snake - Moran		950	993		- 4
Heise		4,500	4,619		- 2
Henrys Fork -					
Rexburg		1,200	1,123		+7
Teton - St.Anthony		470	468		0
Blackfoot -					
Blackfoot		80	89		-10
Portneuf -					
Pocatello		150	127		+18

For period April thru July 1952

Snake - Blackfoot		3,150	2,841		+10

The spill past Milner in excess of Idaho Power Company rights during the year ending September 30, 1952, was 3,530,000 acre-feet, second greatest since American Falls reservoir was built. The magnitude of the 1952 spill was to a considerable extent due to the large reservoir holdovers in the fall of 1951, which left less space than usual in the reservoirs to hold the 1952 run-off.

Reservoir holdovers on September 30 during each of the past ten years are shown in the following tabulation:

Holdovers on Sept. 30 in acre-feet

Year	Jackson Lake	American Falls	Lake Walcott	Henrys Lake	Island Park	Grassy Lake	Total
1943	650,340	897,050	42,710	76,200	84,050	14,750	1,765,100
1944	300,570	534,450	78,020	55,900	51,900	6,420	1,027,260
1945	568,030	924,820	91,460	64,200	56,780	13,400	1,718,690
1946	402,740	718,970	83,770	62,700	51,460	12,110	1,331,750
1947	463,990	686,770	94,950	55,600	75,520	13,220	1,390,050
1948	234,260	664,720	88,550	53,300	33,230	12,130	1,086,190
1949	273,140	535,030	95,310	52,060	29,060	11,930	996,530
1950	570,390	925,620	93,200	69,100	87,660	12,170	1,758,140
1951	622,680	1,021,300	94,020	71,400	86,180	12,130	1,907,710
1952	281,730	583,000	91,920	62,700	62,520	12,200	1,094,070
Average	436,800	749,200	85,390	62,320	61,840	12,050	1,407,600

The combined capacity of these reservoirs when full is 2,872,000 acre-feet. The 1952 total holdover was about 38% of capacity.

TRANSFERS AND CHANGES IN POINT OF DIVERSION

Transfer No. 785 was issued January 9, 1952 by the State Reclamation Engineer authorizing John T. Moulton of Victor to transfer 0.04 second-foot of the waters of Little Warm Creek with April 1, 1896 priority for domestic use.

LITIGATION

In a summary decree suit against the Watermaster in the Fremont County District Court, Arvie Weeks was awarded 1.0 second-foot and Francis Stoltenberg was awarded 2.4 second-feet both of January 22, 1916 priority from Rainey Creek. These are floodwater rights in addition to rights of similar amount of early priority awarded in the Rexburg decree.

In a similar suit the Owners Mutual Irrigation Company was awarded a decree for 2.5 second-feet of May 15, 1921 priority and

3.5 second-feet of May 23, 1934 priority from Market Lake Springs, which water is conveyed thru a constructed ditch to Snake River and carried down the channel of that stream for a distance of about ten miles to the head of the Kennedy ditch thru which it is diverted to the lands served by the Owners Mutual Irrigation Company. Except for the diversion of this water into Snake River it would otherwise escape westward underground beneath Market Lake and the Snake River plains. The Company is credited with the amount of water actually delivered to Snake River. The water has been used in this manner for many years by rights acquired under State Licenses 14,161 and 18,002 but had not previously been decreed.

In another summary suit against the Watermaster in the Fremont County District Court, Hal and LeIsle Rasmussen were awarded 1.6 second-feet of May 15, 1896 priority from Fox Creek to be diverted thru the Wanless Canal.

COMMUNITY LATERAL MANAGERS

In accordance with the provisions of the Idaho statutes the following appointments were made for the 1952 irrigation season:

Manager	Name of Lateral
Wayne Poole	Johnson, Lott, Poole and Anderson Lateral near Menan
H. M. Bramwell and Truman Bowcutt	Lowder, McPherson and O'Neill Lateral from East Labelle Canal
Noble Barrus	Augustine Laterals from Riverside and Danskin Canals
Melvin Chaffin	High Line Lateral from Peoples Canal.

CANAL DELIVERIES

Daily diversions by upper valley canals from Snake River during the 1952 irrigation season are shown on Plates 6-10 inclusive. Diversions thruout the year by canals below American Falls are shown on Plates 35-45. Miscellaneous measurements of the flow of canals and streams in the headwater areas are shown on Plate 24.

Total diversions during the 1952 irrigation season by all waterusers in the District, as tabulated in the annual watermaster's bill, amounted to 7,756,000 acre-feet, which is 276,000 acre-feet greater than in 1951 and is the greatest amount ever diverted in any past season. This was probably largely the result of deficient precipitation in the irrigated valley after July 1, as the increased use was noted under nearly all canals thruout the District.

Diversions during 1952 irrigation season by Snake River Canals (downstream order from Heise)

(May to Sept. incl. for upper valley canals; Apr. 15 to Sept. 30 for lower valley canals)

Canal	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Riley	5,480	870	6.0
Anderson & Eagle Rock	216,000 (a)	32,660	6.6
Farmers Friend	95,300	10,950	8.7
Enterprise	35,400	4,040	8.8
Nelson	464	80	5.8
Mattson & Arnsberger	3,800	500	7.6
Ross & Rand	1,030	130	7.9
Butler Island	13,260	1,200	11.0
Steele	1,780	220	8.1
Harrison	119,000	13,000	9.2
Cheney	1,570	180	8.7
Boomer & Rudy	55,600	5,500	10.1
Kite & Nord	1,370	200	6.8
Burgess	231,000	22,000	10.5
Clark & Edwards	19,900	1,800	11.0
Lowder & Jennings	12,900	1,100	11.7
East Labelle	36,800	2,600	14.1
Sunnydell	35,300	3,800	9.3
Lenroot	32,000	4,200	7.6
Reid	41,800	5,300	7.9
Texas Feeder	63,400	9,000	7.0
Nelson Corey	1,700	430	4.0
Hill Pettinger	1,380	160	8.6
Rigby	48,300	4,000	12.1
Dilts	8,600	800	10.8
Island	45,100	3,600	12.5
W. Labelle - Long Island	133,000	10,000	13.3

Canal	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Parks & Lewisville	94,400	7,000	13.5
North Rigby	14,900	1,500	9.9
White	1,320	160	8.2
Ellis	1,110	100	11.1
Bramwell	2,460	170	14.5
Butte & Market Lake	88,900	20,000	4.4
Osgood	32,700	6,400	5.1
Bear Island & Smith	934	200	4.7
Idaho	259,000 (a)	35,958	7.2
Kennedy	12,600	2,600	4.8
Great Western & Porter	209,000	30,000	7.0
Coy & Kellar	470	60	7.8
Woodville	22,400	3,000	7.5
Snake River Valley	155,000 (a)	21,261	7.3
Reservation	93,100 (b)	32,295	2.9
Blackfoot	86,000	14,500	5.9
New Lava Side	36,700	6,000	6.1
Peoples	141,000	20,000	7.0
Aberdeen	334,000	63,000	5.3
Corbett	42,200	6,000	7.0
Nielsen-Hansen	2,390	400	6.0
Riverside	34,000	4,000	8.5
Danskin	55,200	6,000	9.2
Trego	18,500	1,600	11.5
Wearyrick	16,300	1,600	10.2
Watson	29,600	3,000	9.9
Parsons	9,020	800	11.3
Minidoka Irr. Dist.	483,800	70,940	6.8
Burley Irr. Dist.	308,300	46,000	6.7
North Side Canal Co.	1,102,000	161,480	6.8
Twin Falls Canal Co.	1,102,000	202,706	5.4
Milner Low Lift	54,600	9,468	5.8
Gooding Project	408,000	65,300	6.3
Total	6,513,138	981,818	6.6

(a) Received additional water from Willow and Sand Creeks
(b) Received additional water from Sand Creek and Blackfoot R.

The total diversions by these main river canals were about 3% greater than in 1951. Of the 3,458,700 acre-feet diverted by lower valley canals 1,287,518 acre-feet or 37.3 percent was stored water. Of the 3,054,438 acre-feet diverted by upper valley main river canals 347,467 acre-feet or 11.4% was stored water.

The following tabulation shows the monthly diversions in various sections of the District during the past ten years:

Diversions in Thousands of Acre-feet

Heise to Blackfoot

Year	May	June	July	Aug.	Sept.	Season
1943	417	545	750	666	510	2888
1944	327	406	679	610	415	2437
1945	337	455	700	629	453	2574
1946	504	585	738	606	400	2833
1947	573	565	774	626	424	2962
1948	301	588	738	627	410	2664
1949	459	646	766	622	466	2959
1950	417	550	746	699	426	2838
1951	386	700	804	540	491	2921
1952	443	637	782	669	520	3051
Average	416	568	748	629	452	2813

Henrys Fork and Tributaries (excluding headwater areas)

Year	May	June	July	Aug.	Sept.	Season
1943	165	209	218	188	119	899
1944	157	176	192	178	102	805
1945	141	181	206	168	109	805
1946	215	212	206	175	93	901
1947	198	195	223	173	102	891
1948	144	229	215	173	109	870
1949	201	218	216	174	116	925
1950	181	225	240	205	103	954
1951	160	246	237	136	92	871
1952	210	225	223	181	118	957
Average	177	212	218	175	106	888

1943-52 figures are after deduction for water spilled from Cross Cut Canal into Teton River.

Minidoka Project

Year	April	May	June	July	Aug.	Sept.	Season
1943	33	162	105	182	167	103	752
1944	16	115	85	180	167	106	669
1945	7	121	122	178	167	102	697
1946	30	154	136	180	160	82	742
1947	50	164	93	182	164	101	754
1948	24	152	150	181	162	94	763
1949	53	139	144	175	153	96	760
1950	34	150	136	184	161	97	762
1951	67	119	154	180	142	111	773
1952	20	164	149	181	171	108	793
Average	33	144	127	180	161	100	745

North Side Canal Co. Project

Year	April	May	June	July	Aug.	Sept.	Season
1943	70	195	180	222	225	170	1062
1944	47	156	159	219	219	163	963
1945	54	185	177	223	220	154	1013
1946	61	206	201	226	226	137	1057
1947	81	211	175	228	223	159	1077
1948	67	201	210	224	224	153	1079
1949	65	215	204	231	232	142	1089
1950	73	195	206	233	225	171	1103
1951	84	179	213	234	221	170	1101
1952	42	202	225	234	232	174	1109
Average	64	194	195	227	225	159	1064

Twin Falls Project

1943	97	200	166	214	221	156	1054
1944	53	160	148	212	218	161	952
1945	53	184	175	214	217	156	999
1946	78	202	194	213	217	133	1037
1947	91	212	170	220	220	141	1054
1948	84	202	195	215	223	150	1069
1949	86	211	193	219	217	145	1071
1950	68	194	201	222	219	164	1068
1951	86	189	200	222	211	168	1076
1952	59	215	212	227	230	173	1116
Average	76	197	185	218	219	155	1050

Gooding Project

1943	2	64	62	91	92	57	368
1944	5	63	73	93	90	67	391
1945	14	75	77	90	80	61	397
1946	19	80	85	90	79	57	410
1947	28	79	71	88	78	59	403
1948	21	76	77	89	83	67	413
1949	25	76	84	93	84	65	427
1950	21	79	89	96	90	73	448
1951	23	73	93	97	91	73	450
1952	0	65	84	92	95	72	408
Average	16	73	79	92	86	65	411

The 1952 diversions were above normal every month in all of the above sections except during April for all the lower valley canals and May for the Gooding Canal which was partially supplied from Wood River at that time.

The total seasonal diversions in each section were the greatest ever recorded except under the Gooding Canal that received some water from Wood River in addition to its diversions from Snake River.

RIVER DATA

The daily segregation of stored water and normal flow at the several reservoir outlets and gaging stations was made in accordance with the same methods used during recent years which are described in detail in previous annual reports.

At the gaging station on Snake River near Blackfoot when 1900 priority rights were cut, the natural flow was computed as 190 second-feet plus flow in Blackfoot River, which was believed to be representative of the conditions existing along that section of the river channel in 1952.

Stored water passing the Blackfoot gaging station during the 1952 irrigation season amounted to 146,000 acre-feet. This was partly due to several upper valley storms that reduced water demand resulting in spill until the effect of cuts at Jackson Lake could become effective at Blackfoot. There were also several sections of stream channel in the upper valley where the canal companies were unable to divert the desired amount of water from the river unless a little water was spilling by. These included the north side of Snake River between Heise and Lorenzo and another section between Firth and Blackfoot in the vicinity of the Corbett and Riverside headings. In the latter area the river seems to have cut down several riffles and lowered its grade. Local residents attribute this to dredging material out of the river channel to build a dike under direction of the Army Engineers.

The inflow between Blackfoot and Neeley stations is shown on Plate 11. The flow of the various spring creeks was measured on May 14, 29, June 19, July 4, 31, August 14, September 16, and interpolated for intervening days. Daily discharges were available of the flow of Portneuf River at Pocatello and the Aberdeen-Springfield Canal Company furnished estimates of daily spill thru its wasteways. The unmeasured gain was calculated as 1320 to 1330 second-feet.

STORED WATER DELIVERIES

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

1952 Allotment in Acre-feet
(Downstream order from Heise)

	American Falls		Jackson	
Canal	Regular	Lease	Lake	Total
Poplar Irr. Dist.	793	350	1,200	2,343
Progressive Irr. Dist.	14,609	6,110	0	20,719
Farmers Friend	0	0	2,000	2,000
Enterprise Canal Co.	10,509	4,800	6,100	21,409
Harrison Canal Co.	11,994	6,084	5,000	23,078
Rudy	2,000	3,735	2,000	7,735
Burgess	7,496	10,300	5,120	22,916
Lowder	0	0	1,040	1,040
Sunnydell	0	0	4,000	4,000
Lenroot	4,504	2,200	3,000	9,704
Reid	3,002	1,320	0	4,322
Dilts	1,034	432	0	1,466
Enterprise Irr. Dist.	12,000	3,000	0	15,000
Butte & Market Lake	3,002	11,156	0	14,158
Osgood	15,852	8,600	0	24,452
Bear Island	225	105	0	330
Smith	79	32	0	111
Kennedy	0	0	355	355
Idaho	26,986	9,910	0	36,896
Martin	2,250	1,260	1,500	5,010
New Sweden Irr. Dist.	28,528	14,000	5,000	47,528
Woodville	9,000	740	0	9,740
Snake River Valley	27,643	13,000	15,000	55,643
Blackfoot	15,033	6,600	0	21,633
Peoples	22,519	14,710	8,000	45,229
Aberdeen	41,333	67,420	42,685	151,438

Canal	American Falls Regular	American Falls Lease	Jackson Lake	Total
Corbett	4,000	1,540	0	5,540
Trego	1,462	563	0	2,025
Minidoka District	50,000	21,000	186,030	257,030
Burley District	0	24,000	139,780	163,780
Milner Low Lift	34,113	15,000	0	49,113
Twin Falls Canal	151,185	0	97,183	248,368
Hillsdale Irr. Dist.	41,146	0	0	41,146
N. S. Canal Co.	279,110	172,033	322,007	773,150
Gooding Project	400,000	0	0	400,000
Idaho Power Co.	45,000	0	0	45,000
U. S.	0	13,593	0	13,593
Total	1,266,407	433,593	847,000	2,547,000

In accordance with the terms of the present lease the United States retained 13,593 acre-feet of its lease water for rent to non-lease holders as follows:

Upper Valley	12,643 acre-feet
Lower Valley	950 "
Total	13,593 acre-feet

Demand occurred for more water to rent than the above amount available from the United States and upon solicitation by the Watermaster the Twin Falls Canal Company agreed to rent enough of its Jackson Lake water to take care of these additional demands. This amounted to an additional 5,472 acre-feet so rented by that company to various upper valley users. Details of the storage allotments, rentals, etc., are shown on Plate 14. All rentals were for 30¢ per acre-foot, reservoir measurement.

During the year the Owners Mutual Irrigation Company acquired by purchase a permanent right to the water from Market Lake Springs that it had been leasing for some years past. It was credited with 1,350 acre-feet delivered from Market Lake Springs to Snake River during the 1952 regulation period which was diverted thru the Kennedy ditch.

The usual items covering Lake Walcott storage and gain Neeley to Milner during the regulation period were credited to the Minidoka project as tabulated on Plate 14.

The details of Supply and Use of stored water in 1952 are shown in the following tabulation:

Supply and Disposal of Stored Water, 1952
(acre-feet)

Supply

Jackson Lake, July 4	848,250
American Falls, July 4	1,708,000
Lake Walcott, July 4	93,320
Island Park, July 8	135,205
Henrys Lake, July 14	80,600
Grassy Lake, July 27	15,010
Sheridan Creek right	1,833*
Gain Neeley to Milner	59,269*
Market Lake Springs	1,350*
American Falls Reservoir gain	22,733
Total	2,965,570

*Special natural flow rights considered as storage for convenience in tabulation.

Disposal

Use by Snake River rights	1,681,440
Use by Henrys Fork rights	114,242
Transmission losses Snake River	50,418
Transmission losses Henrys Fork	2,899
Henrys Lake loss	1,022
Storage waste past Milner, unallocated	17,587
Holdovers, September 30:	
Jackson Lake	281,730
American Falls	583,000
Lake Walcott	91,920
Island Park	62,525
Henrys Lake	62,700
Grassy Lake	12,200
In transit September 30	3,887
Total	2,965,570

Storage used during 1952 irrigation season from Jackson Lake and American Falls reservoirs (acre-feet)

	Jackson Lake		American Falls	
Canal	at Res.	at headgate	at Res.	at headgate
Aberdeen	42,685	39,585	54,195	50,256
Am. Falls Dist. #2	0	0	246,366	246,366
John Collet (Austin)	105	97	0	0
S. Sakaguchi (Austin-Smith)	50	46	103	96
Blackfoot	0	0	1,555	1,442
Burgess	5,120	4,748	13,168	12,213
Butte & Market Lake	0	0	1,331	1,234
Corbett	0	0	0	0
Dilts	0	0	0	0
Enterprise Canal Co.	6,100	5,657	15,309	14,209
Enterprise Irr. Dist.	0	0	15,000	13,913
Farmers Friend	2,000	1,855	0	0
Harrison	5,000	4,637	2,453	2,275
Idaho Irr. Dist.	0	0	20,532	19,041
Idaho Power Co.	0	0	45,000	45,000
Holden Bros. (Klussman)	0	0	250	232
Lenroot	3,000	2,782	5,348	4,960
Lowder	842	781	0	0
Martin	1,500	1,391	3,295	3,056
Milner Low Lift	0	0	31,948	31,948
Minidoka Project	308,894(a)	308,894	0	0
New Sweden District	5,000	4,637	21,940	20,347
N. S. Canal Co. (b)	105,660	105,660	417,189	417,189
Owners Mutual	200	186	0	0
Peoples	8,000	7,420	32,157	29,817
Poplar Irr. Dist.	1,200	1,113	1,143	1,060
Progressive Irr. Dist.	0	0	15,887	14,734
Reid	0	0	804	746
Rudy	2,000	1,855	5,735	5,318
Snake River Valley Dist.	15,000	13,913	38,519	35,716
Sunnydell	4,000	3,610	0	0
Trego	0	0	704	653
Twin Falls Canal Co.	37,121(c)	36,735	84,992	84,992
Utah-Idaho Sugar Co.	0	0	18,282	16,955
Woodville	0	0	4,110	3,812
U. S. Rentals	0	0	10,933	10,208
Total	553,477	545,602	1,108,248	1,087,788

(a) Exchanged for American Falls after using 59,269 gain Neeley to Milner and 1,400 draft on Walcott

(b) Includes Hillsdale District

(c) Includes rentals to upper valley users - 5,321 at Jackson Lake, 4,935 at headgate.

MISCELLANEOUS MEASUREMENTS DURING 1952

Measurements made by H. C. Eagle at power plant of Teton Valley Power and Milling Company on Teton River:

Location	Discharge in sec.-ft.	
	Mar. 15, 1951	Sept. 24, 1952
Teton River near Tetonia	221	317
Teton River above power plant	320	420
Gain in section	99	103
Teton River below intake tunnels	-	155
Discharge thru power plant	-	265

September 24, 1952

Average output during measurement	139 amps. @ 2200 volts
Present daily peak load	230 amps. @ 2200 volts

RIVER LOSSES AND GAINS

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

Gain in Snake River, Moran to Heise, 1952
(Heise dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Total
Moran	8,593	100,607	177,840	138,830	97,915	523,785
Heise & Riley	581,375	570,129	390,676	279,792	201,332	2,023,304
Tot. gain s.f.	572,782	469,522	212,836	140,962	103,417	1,499,519
Mean gain s.f.	18,477	15,651	6,866	4,547	3,447	9,801
Tot.gain ac.f.	1,136,096	931,283	422,154	279,594	205,125	2,974,252

The seasonal gain for the five months period was about 81% of the gain during the same months in 1951, being less each month except May.

Gain or Loss in Snake River, Heise to Shelley, 1952
(Heise dates and 24-hr. sec.-ft. except as noted)
- is loss

Station	May	June	July	Aug.	Sept.	Total
Heise & Riley	581,375	570,129	390,676	279,792	201,332	2,023,304
Rexburg	191,200	131,370	52,212	51,280	49,540	475,602
Total Supply	772,575	701,499	442,888	331,072	250,872	2,498,906
Diversions	147,026	227,148	281,886	238,377	191,481	1,085,918

Gain or Loss in Snake River, Heise to Shelley, 1952 (continued)

Station	May	June	July	Aug.	Sept.	Total
Shelley	625,100	503,400	191,060	130,560	95,950	1,546,070
Total Use	772,126	730,548	472,946	368,937	287,431	2,631,988
Tot.diff.s.f.	- 449	29,049	30,058	37,865	36,559	133,082
Mean diff.s.f.	- 14	968	970	1,221	1,219	870
Tot.diff.ac.f.	- 891	57,618	59,619	75,104	72,514	263,964

The gain in this section was about the same as in 1951, reflecting fairly high ground water levels in the area from Lorenzo to Roberts.

Gain or Loss in Snake River, Shelley to Blackfoot, 1952
(Shelley dates and 24-hr. sec.-ft. except as noted)
- is loss

Station	May	June	July	Aug.	Sept.	Total
Shelley	629,100	506,300	196,900	131,310	96,230	1,559,840
Blackfoot R.	15,573	5,711	2,460	2,325	2,573	28,642
Total Supply	644,673	512,011	199,360	133,635	98,803	1,588,482
Diversions	76,213	94,249	112,452	98,955	70,529	452,398
Blackfoot	565,650	416,900	85,960	45,724	35,853	1,150,087
Total Use	641,863	511,149	198,412	144,679	106,382	1,602,485
Tot.diff.s.f.	-2,810	- 862	- 948	11,044	7,579	14,003
Mean diff.s.f.	- 91	- 29	- 31	356	253	92
Tot.diff.ac.f.	-5,574	-1,710	-1,880	21,905	15,032	27,773

A loss occurred during the high water months, with a gain in August and September, probably due to spill back to the river from canals. The gain for the season was about 2/3 of similar gain in 1951.

Gain or Loss in Snake River, Blackfoot to Neeley, 1952
(Neeley dates and 24-hr. sec.-ft. except as noted)
- is loss

Station	May	June	July	Aug.	Sept.	Total
Blackfoot	573,300	417,630	97,295	46,119	34,908	1,169,252
Inflow	109,717	92,280	89,805	89,955	86,343	468,100
Res. draft	-101,337	-4,537	210,237	231,917	130,579	466,859
Total Supply	581,680	505,373	397,337	367,991	251,830	2,104,211
Neeley	556,000	492,200	394,900	375,800	257,610	2,076,510
Tot.diff.s.f.	-25,680	-13,173	-2,437	7,809	5,780	-27,701
Mean diff.s.f.	- 828	- 439	- 79	252	193	- 181
Tot.diff.ac.f.	-50,936	-26,128	-4,834	15,489	11,464	-54,945

A loss occurred during May, June and July when the reservoir was at high level, but continual heavy drawdown caused a substantial gain during August and September. During the period of storage use July 5 to September 30 there was a net gain of 22,733 acre-feet from bank storage return in excess of evaporation losses. Inasmuch as the downstream canals had plenty of water to meet their demands no attempt was made to allocate this gain to individual canals.

Gain or Loss in Snake River, Neeley to Minidoka, 1952
(Minidoka dates and 24-hr. sec.-ft. except as noted)
- is loss

Station	May	June	July	Aug.	Sept.	Total
Neeley	555,000	491,900	397,100	375,970	259,280	2,079,250
Walcott rel.	-4,657	- 61	0	1,311	943	-2,464
Total Supply	550,343	491,839	397,100	377,281	260,223	2,076,786
Thornton,etal.	100	150	155	132	0	537
N. Minidoka	47,080	40,380	50,700	47,200	28,934	214,294
S. Minidoka	35,507	34,759	40,560	38,840	25,457	175,123
Minidoka	469,110	417,010	308,580	288,980	206,420	1,690,100
Total Use	551,797	492,299	399,995	375,152	260,811	2,080,054
Tot.diff.s.f.	1,454	460	2,895	-2,129	588	3,268
Mean diff.s.f.	47	15	93	- 69	20	21
Tot.diff.ac.f.	2,883	912	5,742	-4,223	1,166	6,480

The average gain for the season was 21 second-feet compared to 77 second-feet in 1951.

Gain in Snake River, Minidoka to Milner, 1952
(Milner dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Total
Minidoka	467,910	415,660	313,040	289,070	208,360	1,694,040
Wahl et al.	80	120	125	124	7	456
P. A.	1,613	1,925	2,205	2,139	1,598	9,480
Milner Low Lift	5,014	5,402	6,113	5,954	4,879	27,362
Gooding	60,790	72,730	77,370	78,560	62,890	352,340
No. Side	72,460	81,040	85,010	84,160	59,650	382,320
So. Side	108,220	106,720	114,280	115,690	87,000	531,910
Milner	228,306	159,388	32,473	11,080	8,643	439,890
Tot.use s.f.	476,483	427,325	317,576	297,707	224,667	1,743,758
Tot.gain s.f.	8,573	11,665	4,536	8,637	16,307	49,718
Mean gain s.f.	277	389	146	279	544	325
Tot.gain ac.f.	17,005	23,137	8,997	17,131	32,345	98,615

The average gain for the season was 325 second-feet compared to 360 second-feet in 1951 and 347 second-feet in 1950. The gain from

Neeley to Milner July 5-September 30, amounting to 59,269 acre-feet was credited to the Minidoka Project as part of its storage supply in accordance with the interpretation of the Foster decree that has been followed for many years past.

DISTRIBUTION ON HENRYS FORK

Melvin Luke, Deputy Watermaster, with offices at St. Anthony, was in charge during 1952 of water distribution on Henrys Fork and tributaries except Teton Basin. The snowfall on the ground in the Island Park region in the spring of 1952 was the greatest in comparison with normal of any region on the Snake River watershed. Not since 1927 has there been as much snow in Island Park as was there at the end of March 1952.

As a result both Henrys Lake and Island Park reservoirs filled and spilled substantial amounts of water prior to the beginning of the regulation period.

Storage drafts began from Island Park Reservoir on July 8, Henrys Lake July 14, and Grassy Lake July 27. The draft on Grassy Lake was made merely to draw down the level of the lake so as to avoid ice damage during the ensuing winter.

The same methods used in the past to segregate stored water and normal flow at the reservoir outlets were continued in 1952. At Island Park this resulted in charging the reservoir with a loss of 30 second-feet for a period of three weeks after storage draft began, and crediting it with the same amount from bank storage return later during the heavy drawdown period.

Water was carried thru the Cross Cut Canal from July 10 to 14 for delivery to Teton River, the supply in Teton River being adequate during the remainder of the season. Deliveries thru the Cross Cut Canal to lands under the Fall River Canal were continued however, until September 11, when the Cross Cut Canal gates were closed down for the year.

Due to the heavy snowfall on Henrys Fork the water supply was sufficient to fill the same priorities as were in effect on the main Snake River as shown on pages 11 and 12.

Matters relating to regulation in the Island Park region were successfully handled at the time of a trip there July 29, 30, when the various users who did not already own stored water rented enough for their needs during 1952. Details of storage deliveries are shown on Plates 22 and 23.

The 1952 allotments of stored water from Henrys Fork reservoirs were as follows:

Henrys Lake Allotment, 1952

Lake contents, July 14	80,600 acre-feet
deduct dead storage and loss (estimated)	3,000 "
Net available	77,600 acre-feet

	Allotted	
Dewey	1.43%	1,110 acre-feet
Last Chance	13.87	10,763 "
St. Anthony Union	6.8	5,277 "
Salem Union	24.2	18,779 "
Egin	6.8	5,277 "
Independent	26.8	20,797 "
Consolidated Farmers	20.1	15,597 "
	100.0%	77,600 acre-feet

Between July 14 and September 26 the contents of Henrys Lake decreased 17,600 acre-feet. During the same period, there were 16,578 acre-feet of storage delivered past the station at the Lake outlet. The difference between these two figures, or 1,022 acre-feet, represents loss in Henrys Lake from evaporation and probably some seepage losses also near the Lake outlet.

Fremont-Madison District Allotment
1952

Island Park, July 8	135,205 acre-feet
Grassy Lake, July 27	15,010 "
Sheridan Creek right	1,833 "
Total	152,048 acre-feet

The Sheridan Creek right is a natural flow right of 12 second-feet of 1889 priority acquired in connection with purchase of right of way for the Island Park Reservoir. About the only practical way to make this small right available to all the lands in the Fremont-Madison District is to let it accumulate into an acre-foot total for the regulation period, and thereby be subject to allotment in acre-feet by the District.

The District allotted 124,170 acre-feet of its stored water in 1952 and rented an additional 4,313 acre-feet for a total allocation of 128,483 acre-feet.

The storage balance for the season at the Rexburg gaging station amounted to -11,417 second-feet, which means that the Henrys Fork canals used a total of 11,417 second-feet or 22,645 acre-feet of American Falls storage thru exchange for natural flow. The only American Falls water allotted on Henrys Fork was the Enterprise Irrigation District right of 15,000 acre-feet, equal to 13,910 acre-feet at Rexburg. This indicates that at the close of the 1952 season Island Park Reservoir owed American Falls Reservoir 8,735 acre-feet (Rexburg measurement).

Diversions during 1951 irrigation season from Henrys Fork, Fall River and lower Teton River

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
Fall River Canals			
Yellowstone	1,690	375	4.5
Marysville	38,900	15,000	2.6
Farmers Own	12,100	4,800	2.5
Almy	343	80	4.3
Enterprise	39,100	5,920	6.6
Bell	1,510	320	4.7
Fall River	91,100 (a)	9,000	10.1
McBee	63	120	0.5
Chester	14,100	1,350	10.4
Silkey	2,900	680	4.3
Cur	9,910	1,300	7.6
Total Fall River	211,716	38,945	5.4
Henrys Fork Canals			
Dewey	4,750	1,000	4.7
Last Chance	17,700	1,850	9.6
St. Anthony Union	132,000	10,000	13.2
Farmers Friend	28,700	2,800	10.2
Twin Groves	36,700	2,600	14.1
Salem Union	51,800	5,700	9.1
Egin	76,600	6,000	12.8
St. Anthony U. Feeder	17,400	2,000	8.7
Independent	79,700	7,000	11.4
Consol. Farmers	57,300	6,000	9.6
Total Henrys Fork	502,650	44,950	11.2
Lower Teton Canals			
Siddoway	2,250	500	4.5
Wilford	27,400	2,500	10.9
Teton Irrig.	21,400	2,000	10.7
Good Luck	3,880	400	9.7
Pioneer	2,560	300	8.5
Stewart	3,500	360	9.7
Pincock-Byington	3,580	400	9.0
Pincock-Garner	4,220	480	8.8
Teton Isl. Feeder	101,000	10,400	9.7
Roxana	1,870	720	2.6
Island Ward (b)	7,210	3,000	2.4
Woodmansee-Johnson (c)	4,440	1,140	3.9
City of Rexburg	7,720	1,200	6.4
Rexburg Irrigation	50,100	5,240	9.6
McCormick-Rowe	643	150	4.3

(a) includes 19,600 acre-feet diverted thru Cross Cut.

1952 diversions on Henrys Fork, Fall R. & lower Teton R. - cont'd

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
Lower Teton Canals - cont'd			
Saurey Sommers	3,560	600	5.9
Gardner	577	200	2.9
Thompson Eames	381	160	2.4
Total lower Teton	246,291	29,750	8.3
Total Henrys Fork, Fall River & Lower Teton R.	960,657	113,645	8.4

(b) Used additional water from Henrys Fork thru Consolidated Farmers.

(c) Used additional water from Moody Creek and Teton Irr. canal waste.

Total diversions by the canals in the preceding tabulation were about 90,000 acre-feet or 10% greater than in 1951. Their stored water diversions were 107,880 acre-feet or 11.2% of the total diversions.

Diversions by some of the larger canals in the headwater areas for the irrigation season May 15 to September 30, 1952, are shown in the following table:

Canal	Diversions (acre-feet)	Irrigated Area (acres)	Acre-feet per acre
String Canal	16,000	2,400	6.7
Trail Creek Irrig.	31,000	5,000	6.2
Fox Creek Canals	12,300	3,800	3.2
Darby Creek Canals	23,200	4,900	4.7
Grand Teton Canal	35,000	6,500	5.4
Canyon Creek Canal	5,600	2,400	2.3
Conant Creek Canal	4,570	2,000	2.3
Squirrel Creek Canal	1,270	400	3.2

Gain in Henrys Fork Basin, 1952

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

Lake to Island Park	20 hrs.
Island Park to Warm River	14 "
Warm River to Ashton	5 "
Ashton to St. Anthony	5 "
St. Anthony to Rexburg	12 "
Squirrel to Chester	8 "
Tetonia to St. Anthony	10 "

Gain in Henrys Fork, Lake to Island Park, 1952

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

Station	May	June	July	Aug.	Sept.	Season
Lake	2,090	3,766	4,675	5,956	3,449	19,936
I. P. release	-28,279	164	14,727	16,186	6,466	9,264
Total supply	-26,189	3,930	19,402	22,142	9,915	29,200
Island Park	34,174	33,434	39,156	38,947	26,366	172,077
Tot.gain s.f.	60,363	29,504	19,754	16,805	16,451	142,877
Mean gain s.f.	1,948	983	637	542	548	934
Tot.gain ac.f.	119,728	58,521	39,182	33,333	32,631	283,395

The gain for the season was 47% greater than in 1951, the result of the heavy 1952 snowfall.

Gain in Henrys Fork, Island Park to Warm River, 1952

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

Station	May	June	July	Aug.	Sept.	Season
Island Park	33,514	33,737	38,701	39,443	26,547	171,942
Warm River	71,550	52,430	51,660	53,010	38,760	267,410
Tot.gain s.f.	38,036	18,693	12,959	13,567	12,213	95,468
Mean gain s.f.	1,227	623	418	437	407	624
Tot.gain ac.f.	75,443	37,077	25,704	26,910	24,224	189,358

The seasonal gain was 37% greater than in 1951, most of the increase occurring during the snow melting month of May.

Gain in Henrys Fork, Warm River to Ashton, 1952

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

Station	May	June	July	Aug.	Sept.	Season
Warm River	71,402	52,593	51,539	53,177	38,818	267,529
Ashton	113,270	72,710	68,690	67,340	51,760	373,770
Tot.gain s.f.	41,868	20,117	17,151	14,163	12,942	106,241
Mean gain s.f.	1,351	671	553	457	431	694
Tot.gain ac.f.	83,044	39,901	34,019	28,092	25,670	210,726

The seasonal gain was 40% greater than in 1951 with the greatest proportionate increase occurring in May.

Gain or Loss in Henrys Fork, Ashton to St. Anthony, 1952

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

Station	May	June	July	Aug.	Sept.	Season
Ashton	113,190	72,960	68,544	67,559	51,795	374,048
Chester	86,223	59,170	13,559	8,931	8,246	176,129
Total Supply	199,413	132,130	82,103	76,490	60,041	550,177
Diversions	35,989	29,880	34,117	29,127	17,246	146,359
St. Anthony	162,820	102,150	50,035	48,570	45,170	408,745
Total Use	198,809	132,030	84,152	77,697	62,416	555,104
Tot.diff.s.f.	– 604	– 100	2,049	1,207	2,375	4,927
Mean diff.s.f.	– 19	– 3	66	39	79	32
Tot.diff.ac.f.	–1,198	– 198	4,064	2,394	4,711	9,773

The indicated loss during May and June appears inconsistent with records for the past several years in this section altho in years prior to 1949 losses of varying magnitude were shown at times by the tabulated records.

Gain in Fall River, Squirrel to Chester, 1952

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

Station	May	June	July	Aug.	Sept.	Season
Squirrel	80,134	72,226	26,442	19,173	16,455	214,430
Diversions	10,797	21,951	18,194	13,882	11,402	76,226
Chester	86,300	58,960	13,361	8,945	8,237	175,803
Tot.acct. for	97,097	80,911	31,555	22,827	19,639	252,029
Tot.gain s.f.	16,963	8,685	5,113	3,654	3,184	37,599
Mean gain s.f.	547	290	165	118	106	246
Tot.gain ac.f.	33,646	17,227	10,141	7,247	6,315	74,576

The seasonal gain was 22% greater than during the preceding year.

Gain in Teton River, Tetonia to St. Anthony, 1952

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

Station	May	June	July	Aug.	Sept.	Season
Tetonia	26,896	28,068	18,169	13,313	10,167	96,613
St. Anthony	74,380	58,740	30,950	21,675	17,304	203,049
Tot. gain s.f.	47,484	30,672	12,781	8,362	7,137	106,436
Mean gain s.f.	1,532	1,022	412	270	238	696
Tot.gain ac.f.	94,183	60,837	25,351	16,586	14,156	211,113

The gain was greater during May and June but less from July thru September than a year ago. For the entire period the seasonal gain was 6% greater than in 1951.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg, 1952

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

Station	May	June	July	Aug.	Sept.	Season
Teton River	74,380	58,740	30,950	21,675	17,304	203,049
Henrys Fork	162,820	102,150	50,035	48,570	45,170	408,745
Total Supply	237,200	160,890	80,985	70,245	62,474	611,794
H.Fork diver.	32,883	24,350	24,023	21,560	13,621	116,437
Teton diver.	26,356	31,461	29,739	21,564	15,457	124,577
Rexburg	191,135	130,510	51,192	51,080	49,710	473,627
Tot.acct.for	250,374	186,321	104,954	94,204	78,788	714,641
Tot.gain s.f.	13,174	25,431	23,969	23,959	16,314	102,847
Mean gain s.f.	425	848	773	773	544	672
Tot.gain ac.f.	26,130	50,442	47,542	47,522	32,359	203,995

The gain in this section was greater each month than a year ago. The total gain for the season was 32% greater than in 1951, most of the increase occurring in May. The gain during July, August and September was about 10% greater than in the same period of the previous year.

TETON BASIN

C. D. Cooper was deputy watermaster in Teton Basin during 1952 with headquarters at Driggs. An ample supply of water was available until about July 7, but due to deficient precipitation stream flows dropped rapidly thereafter and were quite low by September 1. Water deliveries on Teton Creek were made in accordance with the Federal Court decree jointly by C. D. Cooper for Idaho and Mark Wilson for Wyoming. Stream flow and canal records for Teton Basin streams are shown on Plate 24.

Under date of March 17, 1952, the Watermaster of District No. 36 prepared an analysis of the situation on Teton Creek, with suggested revisions in the regulation schedule provided by the Federal decree, as the basis for a compact between Idaho and Wyoming for Teton Basin. This report was sent to the various interested parties in Wyoming and Idaho but no action has been taken on it as yet as no meetings were held during the year by the Teton Basin engineering sub-committee of the Compact Commissions of the two states.

Stored water was diverted in Teton Basin by exchange for natural flow under the terms of an agreement between upper and lower users on that stream that was entered into several years ago. This agreement provides that Teton Basin users may divert 1.625 times the amount of stored water that they deliver from Island Park Reservoir to the gaging station on Teton River near St. Anthony.

Total storage diversions in Teton Basin during 1952 amounted to 6,775 acre-feet. Their rights would have entitled them to divert 9,604 acre-feet if it had been available in the streams in excess of valid natural flow rights during the regulation period.

Some of the Teton Basin streams dropped to flows that would not reach Teton River if regulated according to priority right schedules in effect. At such times these tributary creeks were regulated as independent streams according to the priority rights on the individual creeks.

The following set of measurements was made June 13, 1952 by H. C. Eagle and C. D. Cooper on Teton Creek (falling stage of creek):

Teton Creek at gaging station in Canyon above diversions	510 sec.-ft.
Mill Creek at mouth	20.4 "
Christensen ditch from Mill Creek	2.0 "
Total Supply	532.4 sec.-ft.

Use:

Christensen ditch from Mill Creek	2.0 sec.-ft.	
South Canal	95.5 "	
North Canal	31.8 "	
Central Canal, Wyo.	19.7 "	
Waddel Canal	28.9 "	
Grand Teton Canal	294.0 "	
Teton Creek below Grand Total Canal	156.0 "	
Total use to Grand Teton Canal	627.9 sec.-ft.	627.9 sec.-ft.
Gain from Gaging station in Canyon to Grand Teton Canal		95.5 sec.-ft.
Central Canal, Idaho	33.9 sec.-ft.	
Price-Fairbanks Canal	38.9 "	
Christensen-Cordon canal	0 "	
Teton Creek below diversions 1¼ mile E. of Driggs	70.0 "	
Total accounted for below Grand Teton Canal	142.8 sec.-ft.	
Loss from Grand Teton Canal to below diversions		13.2 sec.-ft.

The following miscellaneous measurements, not listed on Plate 24, were made on several west side creeks in Teton Basin during 1952 (flow in second-feet):

	June 6	June 17	July 2
Mahogany Creek above diversions	71.6	31.5	15.6
Horseshoe Creek above diversions	43.4	26.3	
Packsaddle Creek above diversions	86.4	19.5	

Owing to amount of time required to regulate water on South Leigh Creek, Seth Hansen was appointed as Deputy Watermaster on that stream. One half of the cost of his services, or $136.00, was charged as a special expense to users on South Leigh Creek.

DISTRIBUTION IN SWAN VALLEY

F. S. Thomas again acted as Deputy Watermaster in Swan Valley. He also served as watermaster on the local canals for which the local users were charged $321.75 for 117 days @ $2.75 per day as a special cost in addition to their share of the regular District No. 36 costs.

The results of various measurements made by him on streams in the Swan Valley region are shown on Plate 24.

Waterusers in this section rented a total of 545 acre-feet of storage compared to only 91 acre-feet in 1951.

PRECIPITATION IN INCHES

(Actual and normal for year ending September 30, 1952)

Month	Snake R.		Moran		Jackson		Bedford		Irwin	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	5.24	2.01	2.58	1.59	1.44	1.19	2.26	1.56	1.87	1.26
Nov.	2.28	2.69	1.99	1.78	.78	1.04	1.33	1.43	1.02	1.15
Dec.	5.27	3.01	2.89	1.95	3.23	1.53	3.03	1.69	2.97	1.25
Jan.	4.13	3.96	1.72	2.29	1.49	1.55	2.72	1.93	.70	1.42
Feb.	3.26	3.14	1.85	2.20	1.47	1.52	3.05	1.73	1.43	1.15
Mar.	3.55	3.41	1.58	2.08	1.04	1.34	2.18	1.74	1.70	1.14
Apr.	1.73	2.17	1.65	1.72	.65	1.29	1.42	1.61	.95	1.06
May	2.26	2.41	1.20	1.87	1.06	1.71	1.72	2.01	1.97	1.67
June	1.17	2.45	.76	1.80	1.22	1.39	1.10	1.78	1.70	1.53
July	1.67	1.50	1.24	1.15	.22	.88	1.50	0.95	1.29	.97
Aug.	.72	1.56	.04	1.35	1.19	1.02	1.26	1.16	.53	.87
Sept.	.75	1.80	.37	1.71	.68	1.50	.72	1.33	.57	1.18
Year	32.03	30.11	17.87	21.49	14.47	15.96	22.29	18.92	16.70	14.65

Month	A Ashton		Idaho Falls		Pocatello		Twin Falls		Av. 9 stas.	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	3.63	1.28	.83	.98	.81	1.68	.88	.91	2.17	1.38
Nov.	.99	1.30	.22	.79	.36	1.03	.92	1.08	1.10	1.37
Dec.	3.06	1.64	.80	1.06	1.58	1.15	1.85	.90	2.74	1.58
Jan.	1.97	1.88	.41	1.31	.68	1.34	.93	1.10	1.64	1.87
Feb.	3.99	1.52	.82	.97	1.00	1.24	.89	.88	1.97	1.59
Mar.	2.15	1.21	.32	1.08	1.13	1.28	.47	.85	1.57	1.57
Apr.	.30	1.16	.19	.94	.98	1.47	1.01	1.11	.99	1.39
May	.75	1.71	.70	1.24	.59	1.73	.58	1.03	1.20	1.71
June	2.37	1.66	1.07	1.21	1.67	1.09	.73	.81	1.31	1.52
July	1.01	.94	.07	.62	.27	.77	.39	.35	.85	.90
Aug.	.86	.79	.53	.59	.01	.50	.00	.22	.57	.90
Sept.	.23	1.12	.20	.82	.06	.74	.00	.57	.40	1.20
Year	21.31	16.21	6.16	11.61	9.14	14.02	8.65	9.81	16.51	16.98

The average annual precipitation at the nine stations was just about normal. There were, however, marked variations in different parts of the watershed. The annual precipitation was above normal at Snake River, Bedford, Irwin and Ashton; it was below normal at Moran, Jackson, Idaho Falls, Pocatello and Twin Falls.

On an average, precipitation was above normal during October, December and February. After March it was below normal every month for the balance of the water year.

EXPENDITURES DURING YEAR ENDING DECEMBER 31, 1952

Engineers and Hydrographers

Lynn Crandall	Salary 1 year	$9,304.74
Henry C. Eagle	Salary 1 year	6,355.48
Melvin Luke	Salary 5 months @ $325 mo.	1,625.00
A. H. Bush	Salary 3.42 mo. @ $275 mo.	940.31
Oleen Dummer	Salary 3.64 mo. @ $275 mo.	1,000.49
C. D. Cooper	Salary 3.36 mo. @ $275 mo.	923.77
R. H. Seymour	Salary 0.32 mo. @ $275 mo.	87.93

Clerk

Charlotte M. Elg	Salary 1 year	3,655.08

River Riders

D. R. Anthony	79 days @ $9.50	incl. mileage	750.50
H. M. Bramwell	79 days @ $9.50	" "	750.50
D. W. Dick	37 days @ $10.50	" "	388.50
Carl J. Anderson	79 days @ $9.25	" "	730.75
F. S. Thomas	117 days @ $9.25	" "	1,082.25
Elmer Lenz	2.29 mo. @ $75.00	" "	171.69
Joe Bohi	71 days @ $10.00	" "	710.00
S. B. Garrett	53 days @ $9.50	" "	503.50
Seth Hansen	136 hr. @ $2.00	" "	272.00
Don Riggs	3 days @ $9.50	" "	28.50

Miscellaneous

Transportation, 40,596 miles @ 7¢ a mile	2,841.72
Telephone and Telegraph	405.06
Supplies and Equipment	1,845.82
Gage Readers	701.99
Bond Premium and Insurance	57.86
Interest on borrowed money	74.12
Social Security	120.80
Miscellaneous	670.64
Ground Water Investigations	1,500.00
Total	$37,499.00

Expenditures from various funds

Water-users Funds	$19,637.88
State of Idaho Stream Gaging Fund	3,431.41
U. S. Geological Survey	14,429.71
Total	$37,499.00

In addition to the foregoing, upper valley members of the Committee of Nine were paid $1,157.64 for services at $10.00 per day, and expenses, which was pro-rated among upper valley canals.

Funds on hand January 1, 1953

District No. 36 Water Distribution Fund	$ 11,567.45
State of Idaho Stream gaging Fund	1,514.85
U. S. Geological Survey	5,038.12
Total	$ 18,120.42

PLATE NO. 1

PRINCIPAL STREAMS AND GAGING STATIONS

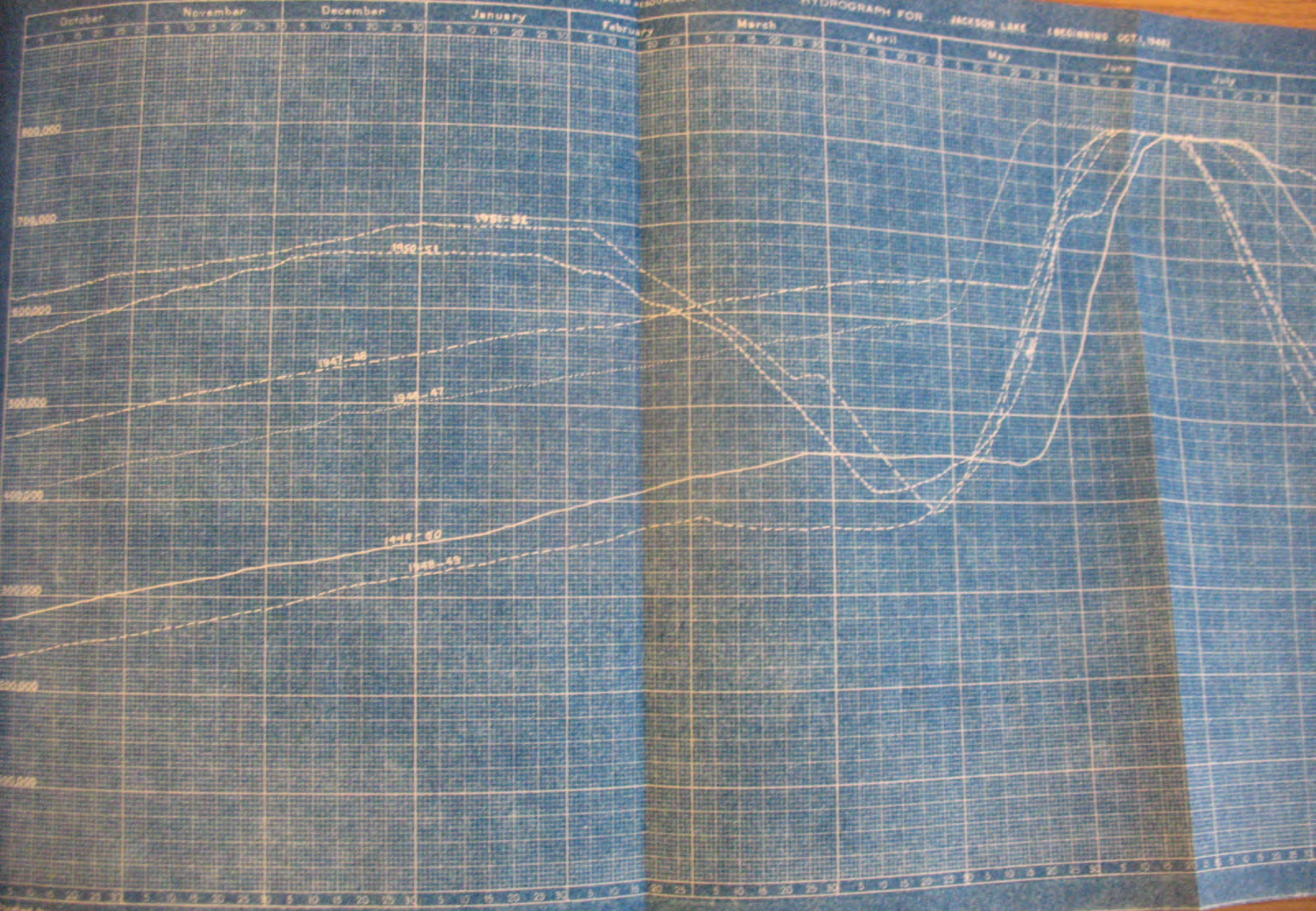
WATER DISTRICT NO. 36

NO.	STATION
1	JACKSON LAKE AT MORAN
2	SNAKE RIVER AT MORAN
3	SNAKE RIVER NEAR HEISE
4	SNAKE RIVER NEAR SHELLEY
5	SNAKE RIVER AT CLOUGH RANCH, NEAR BLACKFOOT
6	AMERICAN FALLS RESERVOIR AT AMERICAN FALLS
7	SNAKE RIVER AT NEELEY
8	LAKE WALCOTT NEAR MINIDOKA
9	NORTH SIDE CANAL NEAR MINIDOKA
10	SOUTH SIDE CANAL NEAR MINIDOKA
11	SNAKE RIVER NEAR MINIDOKA
12	P.A. LATERAL NEAR MILNER
13	GOODING CANAL AT MILNER
14	NORTH SIDE CANAL AT MILNER
15	SOUTH SIDE CANAL AT MILNER
16	MILNER LOW LIFT CANAL AT MILNER
17	SNAKE RIVER AT MILNER
18	HENRYS LAKE NEAR LAKE
19	HENRYS FORK NEAR LAKE
20	ISLAND PARK RESERVOIR NEAR ISLAND PARK
21	HENRYS FORK NEAR ISLAND PARK
22	HENRYS FORK AT WARM RIVER
23	HENRYS FORK NEAR ASHTON
24	GRASSY LAKE NEAR MORAN
25	FALL RIVER NEAR SQUIRREL
26	FALL RIVER NEAR CHESTER
27	HENRYS FORK AT ST. ANTHONY
28	TETON RIVER NEAR TETONIA
29	TETON RIVER NEAR ST. ANTHONY
30	HENRYS FORK NEAR REXBURG
31	BLACKFOOT RIVER NEAR BLACKFOOT
32	SNAKE RIVER NEAR IRWIN

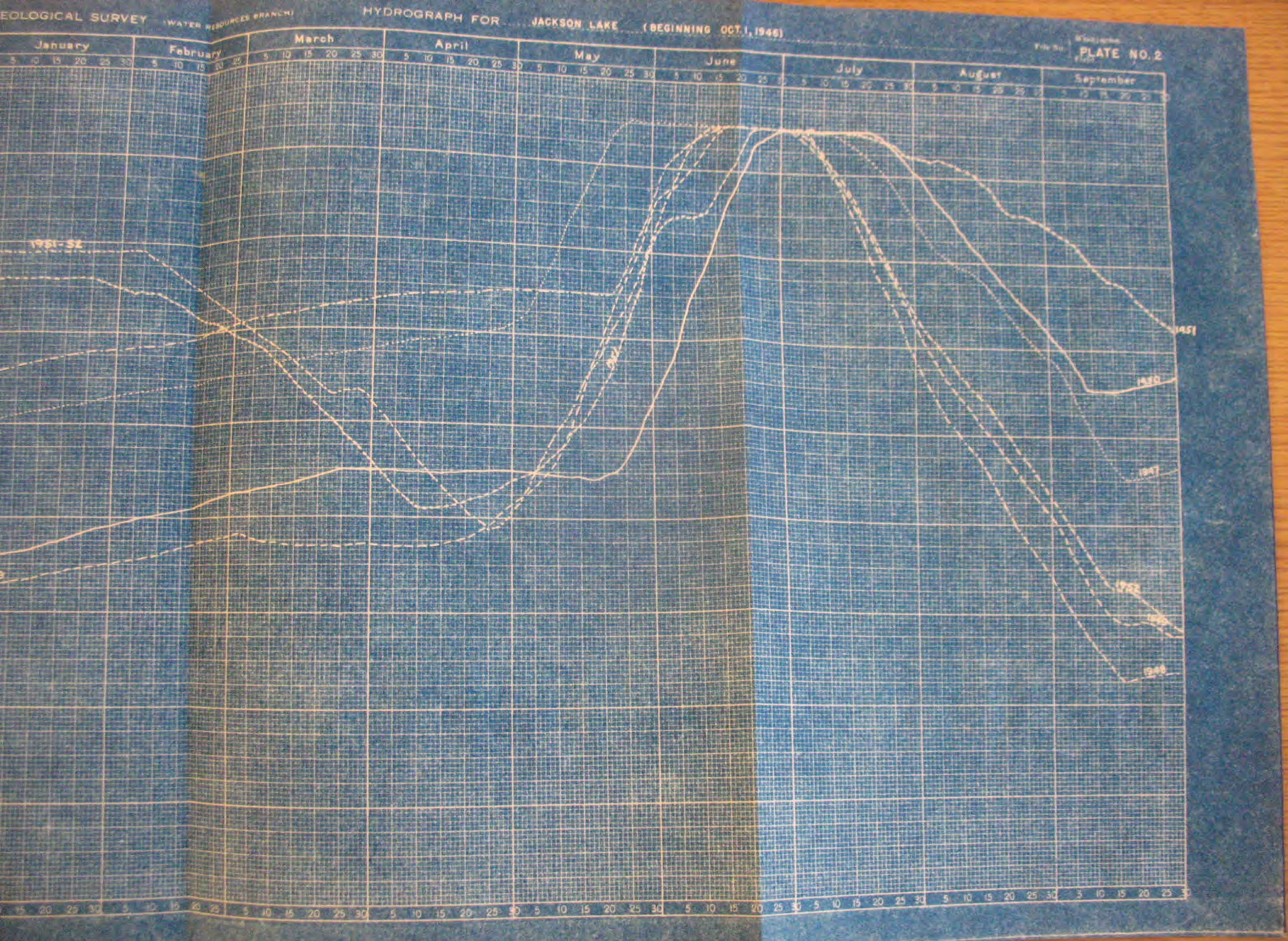
[illegible] 1910

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR JACKSON LAKE (BEGINNING OCT. 1, 1946)

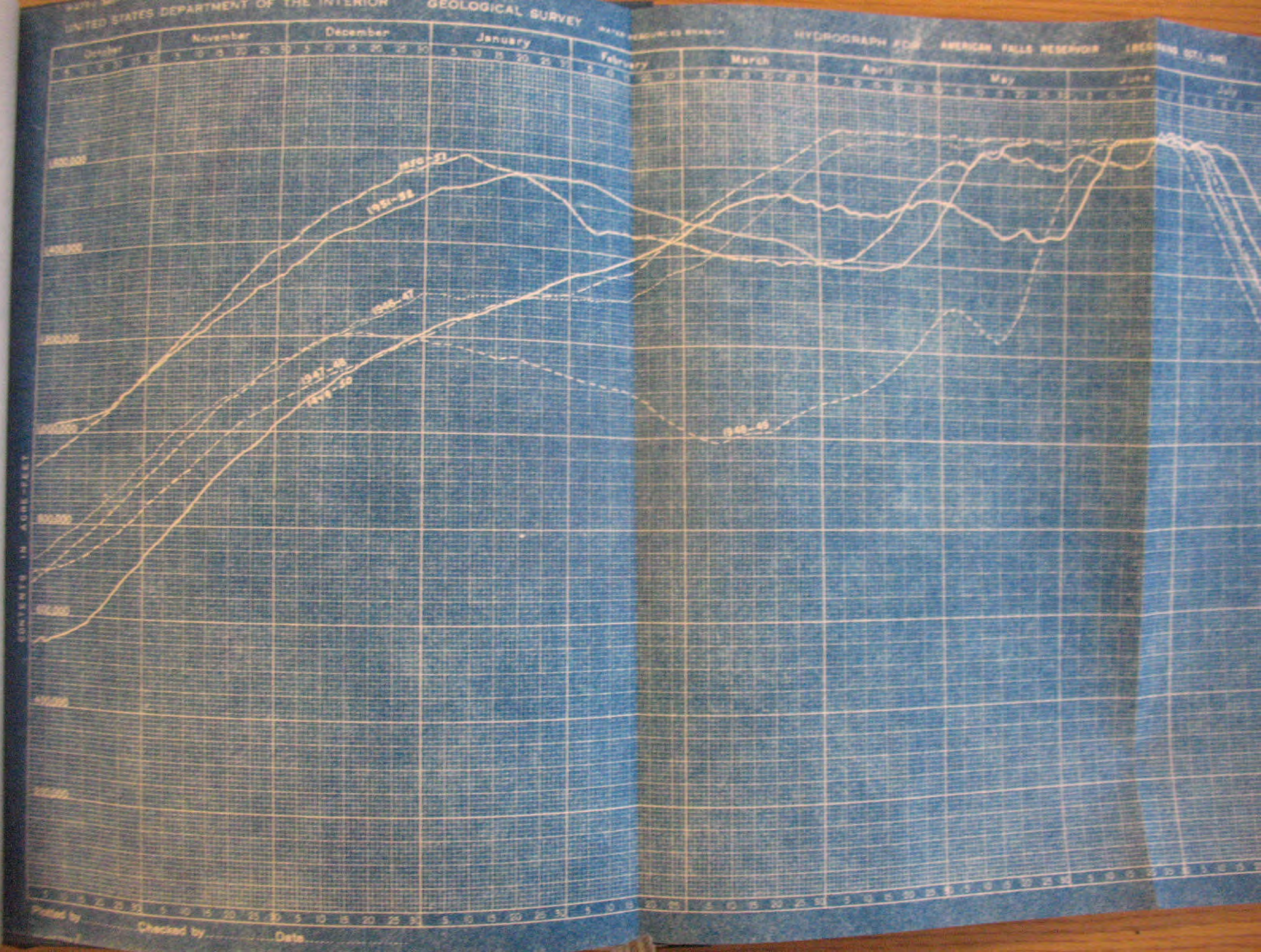


Plotted by .... Checked by .... Date ....



EOLOGICAL SURVEY (WATER RESOURCES BRANCH) HYDROGRAPH FOR JACKSON LAKE (BEGINNING OCT. 1, 1946)

PLATE NO. 2



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

WATER RESOURCES BRANCH

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR (BEGINNING OCT., 1946)

…AL SURVEY

WATER RESOURCES BRANCH

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR (BEGINNING OCT. 1, 1946)

PLATE NO. 3

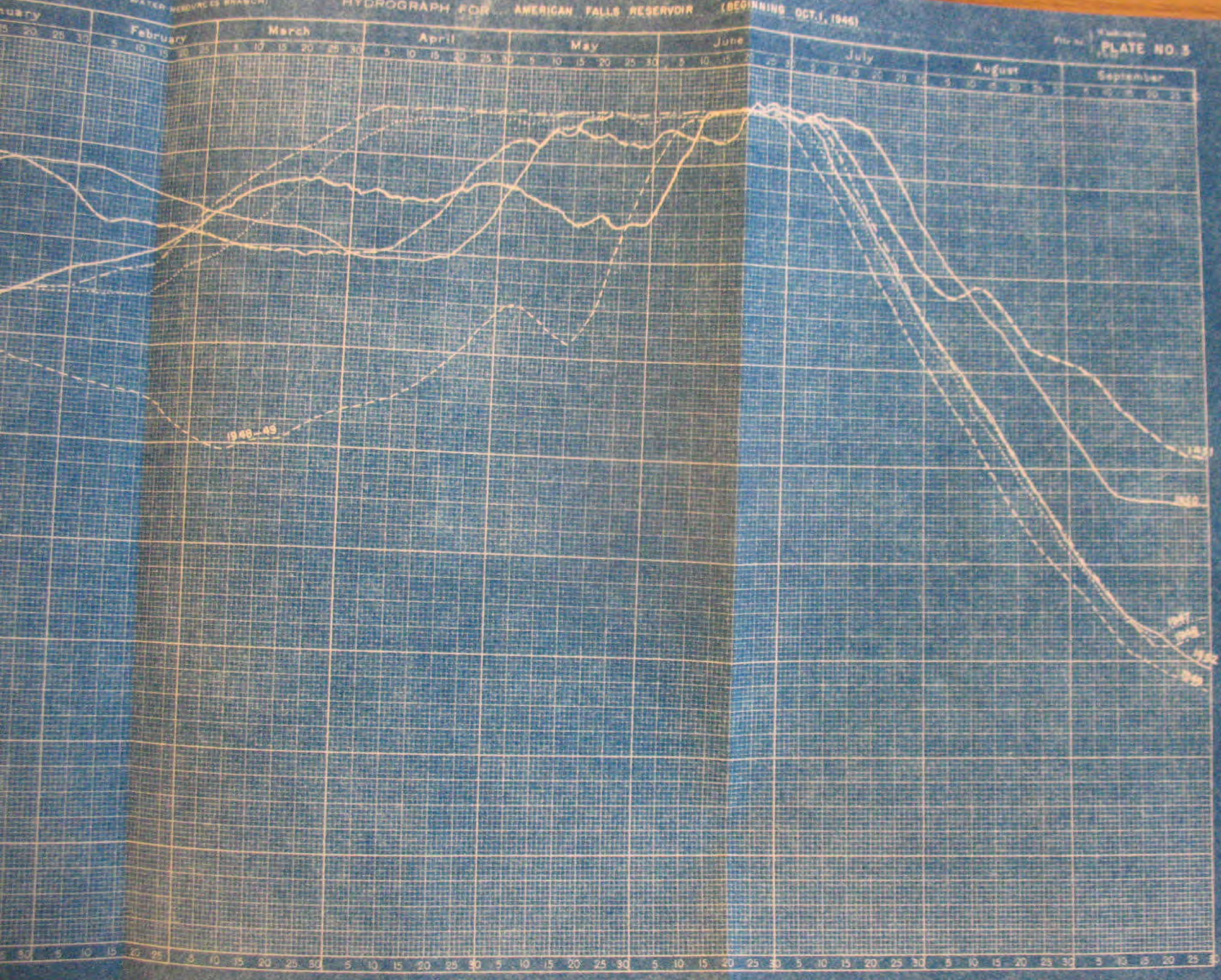
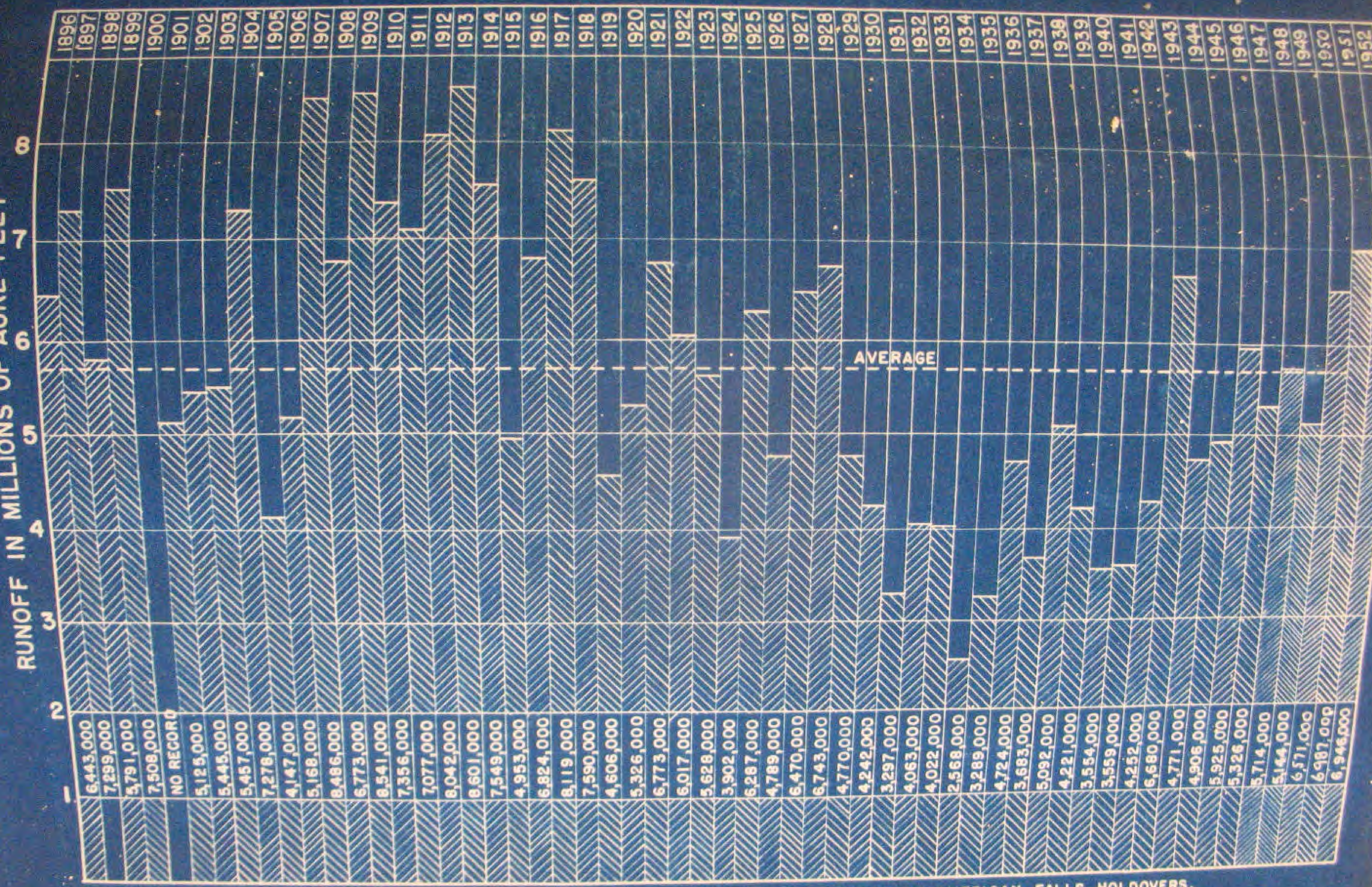


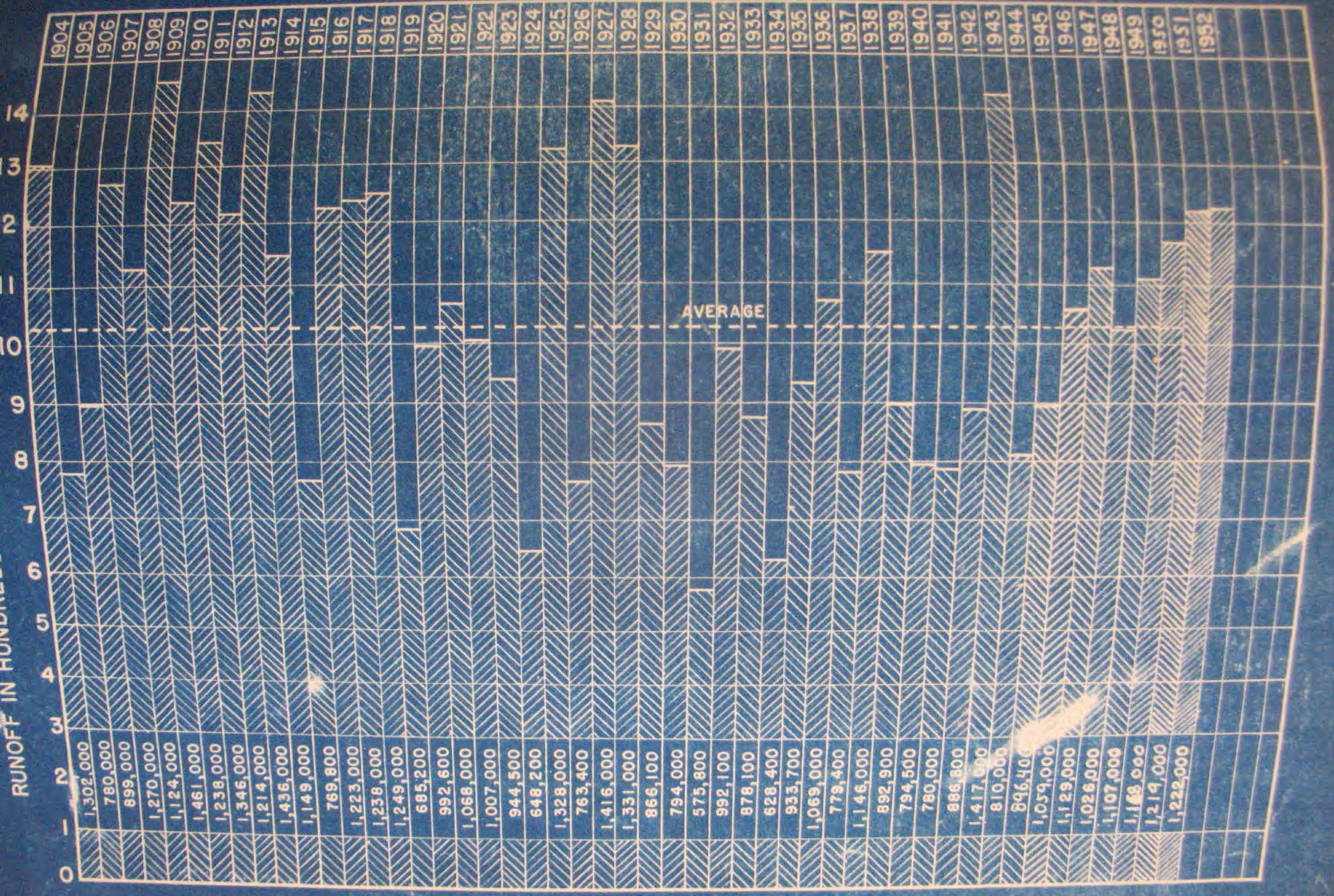
PLATE NO. 4

ANNUAL RUNOFF OF SNAKE RIVER AT NEELEY, IDAHO



NOTE: RUNOFF TOTALS ARE FOR WATER YEAR ENDING SEPT. 30 AND ARE CORRECTED FOR AMERICAN FALLS HOLDOVERS.
RECORDS AT MONTGOMERY FERRY USED PRIOR TO 1907.

ANNUAL RUNOFF OF SNAKE RIVER AT MORAN, WYO.



NOTE: RUNOFF TOTALS ARE FOR WATER YEAR ENDING SEPT. 30 AND ARE CORRECTED FOR JACKSON LAKE HOLDOVERS.

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS MAY 1952

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	16	20	23	26	29	29	29	29	29	29	29	29	29	29	0	0	0	0	0	0	0	0	0	375
ANDERSON	0	30	30	35	84	79	79	84	115	124	124	124	124	124	124	133	144	126	126	151	144	124	75	71	71	71	71	71	82	100	100	2940
EAGLE ROCK	10	10	10	0	0	0	40	25	40	40	40	75	75	75	75	83	83	75	75	80	75	81	75	75	75	75	76	76	79	77	81	1756
FARMERS FRIEND	0	0	0	0	0	100	120	218	240	256	277	322	374	396	329	322	318	314	307	318	322	232	230	228	242	249	292	307	339	345	351	7348
ENTERPRISE	0	0	0	0	0	0	52	77	72	76	81	108	124	130	130	130	136	136	136	136	130	56	60	60	60	70	70	70	78	68	75	2321
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	0	0	0	0	0	0	8	8	8	8	80
MATTSON & CRAIG	0	0	0	0	0	0	0	4	4	4	8	10	12	16	18	18	18	18	18	18	18	10	5	5	5	5	5	10	10	10	10	259
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	0	0	0	0	0	0	20	34	34	34	36	45	52	52	52	52	52	52	52	52	52	40	40	40	40	40	40	40	40	40	40	1071
ROSS & RAND	0	0	0	0	0	0	0	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	2	2	2	2	2	4	4	4	4	86
STEELE	0	0	0	0	0	0	1	1	1	1	1	6	8	8	8	8	8	8	8	8	8	7	4	4	4	4	4	6	7	7	7	137
HARRISON	50	50	50	50	0	0	0	0	0	292	394	510	561	568	568	556	460	443	441	388	313	265	127	127	127	127	127	243	245	370	480	7932
CHENEY	0	0	0	0	0	0	0	0	0	0	0	5	6	8	8	8	8	8	8	8	8	5	3	3	3	3	3	3	3	3	3	107
BOOMER	0	0	0	0	0	71	82	97	123	134	148	162	177	177	177	148	120	107	139	134	107	107	95	72	95	111	134	141	151	162	177	3348
RUDY	0	0	0	0	0	0	20	15	35	42	58	75	75	66	22	22	22	24	37	20	20	20	20	16	16	16	16	22	18	50	56	803
KITE & NORD	0	0	0	0	0	0	1	1	1	1	1	1	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	42
BURGESS	0	0	0	0	260	542	635	730	800	791	818	866	889	880	806	757	758	759	757	760	764	755	750	584	584	584	630	673	801	826	852	19611
CLARK & EDWARDS	0	0	0	0	0	26	0	42	42	42	30	11	11	30	30	30	31	52	74	78	82	73	34	31	44	58	56	55	31	73	91	1157
LOWDER & JENNINGS	0	0	0	0	0	0	0	0	0	0	0	26	55	60	60	60	60	60	60	60	60	26	19	19	19	19	19	19	19	19	19	758
EAST LABELLE	0	0	0	0	0	48	51	54	121	121	121	121	125	128	133	140	145	150	151	160	174	170	150	150	140	130	130	130	130	130	130	3333
SUNNYDELL	0	0	0	0	0	0	0	0	0	0	0	66	53	149	143	136	118	105	94	131	124	117	93	80	76	87	100	57	105	87	92	2013
LENROOT	0	0	0	0	0	0	0	0	0	0	0	0	19	106	154	184	174	168	168	168	142	124	85	89	93	93	93	93	97	99	112	2261
REID	0	0	0	0	0	0	0	0	0	76	139	196	213	208	208	208	200	201	189	184	127	130	138	136	143	148	147	152	179	178	173	3673
TEXAS FEEDER	1	1	1	1	1	1	1	1	1	1	1	1	100	200	250	275	242	249	249	254	338	275	268	268	275	300	293	277	282	294	294	4995
NELSON COREY	0	0	0	0	0	0	0	2	2	2	2	2	2	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	205
HILL PETTINGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	8	8	8	8	8	6	6	6	6	6	6	106
RIGBY	0	0	0	0	0	0	0	137	134	134	175	190	213	226	226	226	226	143	143	134	147	107	187	187	187	187	187	188	188	188	188	4248
ISLAND	0	0	0	0	0	0	60	85	104	123	129	129	111	147	160	160	160	172	172	166	166	160	166	123	148	161	165	168	168	163	163	3629
DILTS	0	0	0	0	0	0	0	5	9	13	27	27	41	41	41	41	41	44	44	43	42	37	34	29	32	41	42	42	41	38	38	833
WEST LABELLE & LONG ISLAND	0	0	0	0	0	2	3	5	5	256	256	256	363	384	405	443	524	545	545	551	562	517	535	513	513	513	472	467	459	470	470	10034
PARKS & LEWISVILLE	0	0	0	0	0	0	0	217	217	217	265	350	368	404	386	368	368	350	333	333	282	284	282	265	265	265	265	265	247	297	297	7240
NORTH RIGBY	0	0	0	0	0	0	0	0	0	29	31	73	73	64	59	76	76	76	76	76	51	51	51	51	51	51	51	51	51	51	51	1270
WHITE	0	0	0	0	0	0	0	5	5	5	5	5	5	5	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	179
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	53
BRAMWELL	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	12	12	12	12	12	12	202
BUTTE & MARKET LAKE	50	50	50	50	50	50	50	50	79	80	148	185	199	239	239	282	280	287	297	317	368	351	328	338	332	363	370	405	405	386	386	7064
OSGOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	75	75	75	106	108	106	106	108	108	109	109	110	92	108	106	105	1656
BEAR ISLAND & SMITH	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	5	5	5	5	5	4	4	4	4	4	0	0	0	0	0	52
KENNEDY	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	50	50	50	50	50	50	50	49	50	50	50	50	50	50	50	50	979
IDAHO	0	0	0	0	0	0	0	0	0	0	340	668	815	983	1000	881	898	898	848	716	637	482	424	416	416	551	551	551	579	668	765	14087
GREAT WESTERN	0	0	0	0	0	0	0	0	212	236	248	274	350	379	380	382	392	396	413	435	452	479	460	428	419	436	443	455	453	448	453	9023
PORTER	0	0	0	0	0	0	92	109	113	151	183	241	259	296	305	300	287	287	283	279	279	271	221	217	217	213	217	217	213	231	235	5716
COY & KELLER	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	47
WOODVILLE	0	0	0	0	0	0	55	55	68	82	78	85	90	89	89	87	79	83	83	86	79	75	66	65	63	61	69	71	69	69	76	1872
SNAKE RIVER VALLEY	0	0	0	0	0	0	233	293	375	420	474	580	710	698	702	650	630	615	600	372	355	355	355	355	381	407	434	461	508	530	632	12125
TOTAL HEISE TO SHELLEY	111	141	141	136	395	919	1595	2353	2975	3810	4668	5858	6750	7445	7460	7383	7275	7168	7169	6861	6674	6023	5585	5251	5343	5647	5776	5982	6339	6687	7106	147026
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	227	228	109	20	20	20	20	20	20	20	140	226	1145
BLACKFOOT	50	63	92	92	198	200	329	330	340	350	360	363	360	360	358	358	358	358	358	358	320	247	200	200	192	195	197	238	311	320	376	8431
NEW LAVA SIDE	20	21	21	25	30	50	70	80	100	120	130	140	143	150	150	150	150	150	150	150	150	130	125	120	117	114	105	117	128	123	139	3368
PEOPLES	100	117	130	140	160	200	300	300	400	450	450	480	520	550	550	550	550	550	550	550	550	500	480	462	462	462	462	462	462	480	480	12859
ABERDEEN-SPRINGFIELD	80	288	386	425	481	604	726	756	674	798	928	1090	1210	1280	1290	1280	1280	1280	1280	1290	1290	1270	1210	1210	1210	1220	1220	1210	1220	1250	1250	30986
CORBETT	0	0	0	0	0	60	89	111	109	113	112	158	157	162	169	169	169	156	151	146	151	175	161	161	155	150	153	165	158	157	161	3778
NIELSEN-HANSEN	2	2	2	2	2	2	2	2	2	2	2	6	6	6	6	6	6	6	7	7	7	7	8	8	8	9	9	9	8	7	6	164
RIVERSIDE	1	1	1	1	100	111	111	111	111	111	75	75	76	125	125	125	125	125	125	125	124	124	124	124	112	112	112	112	112	121	122	3059
DANSKIN	0	0	0	0	0	0	0	190	206	217	208	199	254	248	235	220	208	204	199	212	212	212	212	212	177	175	177	203	203	226	239	5048
TREGO	38	35	38	50	52	71	52	52	54	54	61	52	56	54	54	59	59	59	68	57	68	54	53	53	52	53	59	59	72	72	79	1749
WEARYRICK	0	0	0	0	0	0	0	57	64	64	63	68	67	77	80	72	76	75	74	68	61	57	58	52	48	60	64	69	75	75	76	1600
WATSON	0	28	44	44	44	98	105	105	98	120	112	112	113	120	120	120	127	127	112	105	115	119	90	90	90	87	104	104	104	108	108	2973
PARSONS	34	32	32	33	34	34	34	34	36	36	37	40	41	40	39	36	36	36	36	36	34	32	30	29	28	26	28	33	32	32	33	1053
TOTAL SHELLEY TO BLACKFOOT	325	587	746	812	1101	1430	1818	2128	2194	2435	2538	2783	3003	3172	3176	3145	3144	3126	3185	3331	3310	3036	2771	2741	2671	2683	2710	2801	2905	3111	3245	76213

PLATE NO. 1

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS JUNE 1952

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	10	20	20	24	24	31	31	31	31	31	31	31	31	31	31	34	34	34	34	34	34	11	1	1	1	1	1	1	0	0		629
ANDERSON	100	100	100	258	336	351	367	367	399	436	431	448	383	367	336	336	339	323	306	298	282	277	260	248	225	142	150	139	180	242		8526
EAGLE ROCK	119	119	283	425	463	463	584	584	584	615	615	584	563	563	563	567	563	406	406	406	410	462	444	266	122	122	120	122	144	132		11819
FARMERS FRIEND	357	364	438	445	452	467	483	483	459	429	437	429	452	444	436	420	403	386	400	408	414	420	408	370	304	100	93	100	125	146		11072
ENTERPRISE	90	105	110	140	189	210	203	196	190	175	169	142	170	154	157	161	178	180	190	192	183	127	30	30	30	30	30	30	30	34		3855
NELSON	0	0	0	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0		70
MATTSON & CRAIG	10	10	10	16	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	16	13	0	0	0	0	0	0	0		466
ARNSBERGER	0	0	0	4	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0		123
BUTLER ISLAND	40	40	40	45	48	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	50	49	40	40	35	35	35	37	39		1677
ROSS & RAND	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3		112
STEELE	7	7	7	8	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	11	10	0	0	0	0	0	0	0		266
HARRISON	519	568	593	595	586	586	595	588	540	499	502	502	502	502	502	506	485	423	410	410	410	346	320	290	250	250	250	250	250	246		13275
CHENEY	3	3	3	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	6	0	0	0	0	0	0	0		163
BOOMER	178	194	202	224	229	219	200	189	217	198	174	183	183	197	200	216	172	197	205	209	165	145	141	104	20	20	57	52	52	52		4794
RUDY	54	62	64	37	54	54	52	54	70	52	54	62	79	94	94	76	60	59	60	64	59	58	26	26	8	8	8	8	8	8		1472
KITE & NORD	0	5	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0		171
BURGESS	922	967	962	958	954	949	965	980	996	949	936	904	909	898	887	870	854	838	839	840	838	805	772	755	617	394	404	400	410	551		24323
CLARK & EDWARDS	91	92	94	94	94	94	94	94	94	73	82	101	102	104	104	104	101	102	104	90	95	34	34	24	45	67	53	60	63	67		2450
LOWDER & JENNINGS	20	26	40	45	60	66	66	66	66	66	66	66	66	66	66	60	60	60	60	57	52	50	25	6	6	6	6	6	6	6		1317
EAST LABELLE	140	140	150	160	170	175	175	175	174	183	180	180	170	170	170	160	160	150	130	110	120	150	195	150	100	100	95	95	95	93		4415
SUNNYDELL	93	178	182	174	153	172	197	124	128	119	132	137	144	123	102	106	121	119	109	145	143	115	98	89	107	79	74	67	66	0		3591
LENROOT	114	127	168	158	182	160	146	147	147	147	146	147	157	145	121	124	126	124	122	146	155	121	109	109	111	111	111	102	105	104		3992
REID	182	186	189	194	192	203	190	192	177	204	189	186	179	165	163	179	189	184	189	189	190	173	140	136	140	125	132	140	130	135		5162
TEXAS FEEDER	284	276	282	294	331	330	339	331	320	323	320	306	317	320	314	317	283	256	264	251	267	289	240	232	62	62	60	227	228	223		7948
NELSON COREY	10	10	10	10	10	11	11	11	11	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	0	0	0	0	0		294
HILL PETTINGER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		240
RIGBY	214	214	212	214	214	222	222	214	211	208	196	160	185	203	203	195	203	180	168	181	219	203	192	79	79	79	79	118	163	205		5435
ISLAND	171	158	165	165	152	165	165	170	176	157	157	148	162	161	161	161	172	172	160	158	152	152	152	162	146	147	148	149	151	166		4781
DILTS	42	42	41	43	43	43	41	41	41	39	41	32	37	38	39	46	46	46	42	42	37	38	38	37	30	30	26	26	28	28		1143
WEST LABELLE & LONG ISLAND	470	518	515	502	502	540	524	556	529	505	505	521	505	505	505	543	543	532	521	521	481	481	481	474	481	481	481	285	285	285		14577
PARKS & LEWISVILLE	297	373	402	402	413	402	413	333	368	368	368	346	370	370	317	370	371	389	407	371	353	340	310	275	275	275	240	300	321	355		10544
NORTH RIGBY	61	59	57	65	76	75	75	75	74	74	70	65	61	60	60	60	60	60	60	60	48	48	48	48	48	48	48	48	48	48		1787
WHITE	7	7	7	7	7	7	7	7	7	7	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	0	0	0	0	0		255
ELLIS	4	4	4	4	4	4	4	4	4	4	4	0	0	0	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0		84
BRAMWELL	3	3	3	3	3	10	10	10	10	10	17	17	17	17	17	15	15	15	15	15	15	15	15	5	5	5	5	5	5	5		305
BUTTE & MARKET LAKE	409	400	400	450	454	456	468	476	440	440	449	446	448	438	440	443	449	430	424	417	437	345	279	268	257	242	171	130	144	195		11245
OSGOOD	105	109	109	107	107	116	117	119	115	125	129	125	126	124	126	127	127	127	127	127	127	127	127	114	0	0	0	0	0	0		2889
BEAR ISLAND & SMITH	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	5	5	5	4	4	4	4	4	4	0	0	0	0	0	0		105
KENNEDY	51	51	51	51	55	55	55	55	55	55	55	55	55	55	55	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0		1322
IDAHO	901	1100	1240	1240	1240	1220	1120	1030	1030	1030	1030	1030	1020	1030	881	732	798	864	864	864	782	587	587	537	500	293	186	137	137	293		24303
GREAT WESTERN	460	497	542	547	554	554	558	556	560	560	560	554	552	542	516	486	472	474	488	486	489	486	477	447	146	0	0	0	0	0		12563
PORTER	264	295	299	295	295	301	303	307	307	306	308	308	304	278	268	272	273	244	236	235	231	231	231	159	45	0	0	0	0	0		6545
COY & KELLER	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0		72
WOODVILLE	82	86	87	95	99	97	98	91	90	83	86	77	78	78	73	73	82	73	73	78	71	70	70	74	68	68	57	57	58	57		2329
SNAKE RIVER VALLEY	670	687	751	746	736	766	706	568	626	634	534	504	532	550	540	532	576	536	552	576	456	409	407	288	160	111	108	108	107	116		14592
TOTAL HEISE TO SHELLEY	7569	8217	8853	9276	9565	9727	9737	9377	9399	9270	9151	8974	9037	8971	8630	8530	8554	8218	8204	8209	7945	7310	6844	5948	4465	3442	3289	3208	3387	3842		227148
RESERVATION	369	495	536	570	580	576	579	593	600	594	594	457	462	453	337	227	252	540	572	577	568	445	376	153	20	20	20	20	20	69		11674
BLACKFOOT	388	400	414	443	468	467	496	503	447	415	416	364	364	365	365	364	362	360	300	253	250	240	200	100	90	85	82	80	80	80		9241
NEW LAVA SIDE	152	168	175	175	172	175	147	148	155	128	112	120	121	122	113	121	138	134	141	121	101	100	97	50	40	3	3	3	3	14		3252
PEOPLES	480	500	520	535	563	588	591	589	586	568	560	555	552	552	565	563	558	557	558	538	450	445	440	360	229	145	15	15	15	142		13334
ABERDEEN-SPRINGFIELD	1230	1270	1290	1290	1290	1290	1300	1310	1310	1300	1300	1290	1280	1270	1270	1250	1210	1210	1210	1210	1180	1140	1120	986	784	703	677	621	589	621		33801
CORBETT	154	170	199	200	217	199	205	231	204	201	200	199	194	188	195	191	191	189	183	185	166	215	198	198	131	152	115	111	107	107		5395
NIELSEN-HANSEN	5	5	5	5	6	6	8	8	9	9	9	9	9	8	6	5	4	4	4	8	9	9	8	4	4	4	4	4	4	4		186
RIVERSIDE	130	147	155	152	148	148	140	140	140	140	140	140	140	140	140	140	140	137	136	130	125	120	90	81	81	81	50	50	50	70		3621
DANSKIN	243	247	250	256	262	244	224	208	233	216	200	215	228	226	227	228	241	232	229	227	224	213	202	191	138	102	82	82	82	100		6052
TREGO	80	79	79	72	72	79	68	74	69	84	70	67	70	70	69	68	70	71	69	76	79	79	76	66	61	52	0	0	0	57		1926
WEARYRICK	76	73	73	72	75	74	80	68	70	72	72	71	66	65	64	63	62	60	60	59	59	58	60	51	42	26	25	25	25	25		1771
WATSON	108	120	105	121	130	128	135	135	128	128	131	131	135	122	124	104	103	97	90	90	104	111	118	118	110	28	20	20	20	20		3034
PARSONS	34	35	39	39	40	39	39	38	38	38	38	38	38	38	38	38	40	40	40	40	40	40	40	40	0	0	0	0	0	35		962
TOTAL SHELLEY TO BLACKFOOT	3449	3709	3840	3930	4023	4013	4012	4045	3989	3893	3842	3656	3659	3619	3513	3362	3371	3631	3592	3514	3355	3215	3025	2398	1730	1401	1093	1031	995	1344		94249

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS JULY 1952

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	10	12	15	15	8	28	30	30	30	30	33	29	29	24	24	24	26	26	26	30	30	28	27	27	28	28	27	26	24	26	26	776
ANDERSON	309	309	323	323	428	468	504	504	436	522	520	522	504	487	485	485	483	483	482	482	480	480	477	478	495	495	495	495	495	495	495	14439
EAGLE ROCK	140	321	410	609	618	630	672	672	611	674	662	674	582	495	590	613	613	571	551	533	513	533	601	670	702	702	702	702	702	702	702	18472
FARMERS FRIEND	160	171	363	405	426	414	412	418	410	400	413	393	393	357	356	350	378	375	380	374	378	370	403	402	408	406	399	381	381	381	381	11638
ENTERPRISE	157	154	150	147	192	190	212	212	214	214	214	214	212	212	208	205	214	214	215	214	215	212	212	127	124	124	124	124	124	124	132	5606
NELSON	0	0	0	0	0	0	0	0	1	4	4	4	4	4	0	0	0	0	0	0	0	0	3	4	4	3	4	3	0	0	0	42
MATTSON & CRAIG	0	0	0	5	11	16	17	21	23	24	16	16	15	24	9	9	22	13	13	8	14	13	11	11	11	13	13	13	16	12	10	399
ARNSBERGER	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	6	6	6	6	6	6	52
BUTLER ISLAND	40	40	40	41	43	43	46	46	47	46	49	49	50	49	50	46	46	48	46	46	46	45	45	45	46	45	46	46	46	46	46	1413
ROSS & RAND	3	3	3	4	4	4	4	4	4	3	3	4	3	4	4	4	4	4	4	4	4	4	3	4	4	3	3	3	3	4	4	113
STEELE	0	0	0	12	12	12	12	12	12	12	9	5	5	5	5	8	8	11	5	5	9	9	8	9	8	4	4	4	4	4	8	221
HARRISON	253	434	552	570	577	577	588	595	519	556	564	558	432	432	485	480	501	558	561	556	558	554	557	554	558	561	540	483	522	533	531	16299
CHENEY	0	0	0	1	1	3	7	7	7	5	6	6	6	7	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	6	171
BOOMER	121	178	206	211	243	243	145	159	168	167	168	165	164	159	159	166	152	156	168	164	161	164	162	162	164	156	155	155	154	164	159	5218
RUDY	8	18	44	52	65	98	54	56	69	64	65	64	54	54	52	56	56	60	52	51	50	60	60	60	59	52	52	57	57	56	57	1712
KITE & NORD	0	0	0	0	0	5	6	3	5	5	5	5	5	5	5	5	5	5	4	4	4	8	8	8	4	4	4	4	4	4	4	128
BURGESS	658	834	865	896	922	967	994	967	967	956	958	958	967	918	922	904	913	904	909	922	922	917	913	922	931	913	913	918	904	904	825	28283
CLARK & EDWARDS	80	96	90	87	99	97	73	73	73	78	75	72	72	71	71	71	71	71	71	70	70	71	70	73	73	73	74	74	74	74	74	2361
LOWDER & JENNINGS	30	60	60	70	70	70	58	58	58	58	57	56	56	55	55	55	54	52	54	52	52	52	52	52	52	53	53	53	53	53	53	1716
EAST LABELLE	120	130	178	139	144	139	130	130	130	119	127	124	125	125	125	125	125	122	122	125	122	119	116	124	124	122	124	121	121	120	120	3937
SUNNYDELL	25	26	118	114	155	188	180	180	164	200	207	209	114	122	130	143	157	156	174	145	148	140	170	173	187	187	166	183	183	177	0	4621
LENROOT	105	96	107	107	135	135	139	156	173	191	187	135	103	90	84	86	103	118	138	103	129	141	144	153	169	163	159	153	135	129	129	4095
REID	137	119	82	69	125	162	162	162	166	208	196	194	157	158	149	156	152	163	176	158	156	152	161	168	183	183	164	151	142	143	164	4818
TEXAS FEEDER	192	173	161	89	154	204	206	199	189	266	301	276	276	276	272	268	286	276	284	284	284	283	283	271	266	264	270	270	270	262	264	7619
NELSON COREY	0	0	0	0	0	0	0	0	12	12	11	12	13	12	11	9	9	8	8	7	6	11	10	11	11	10	10	10	10	8	10	231
HILL PETTINGER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	8	3	6	8	7	7	7	4	6	230
RIGBY	211	212	224	227	229	165	163	167	175	172	170	167	170	165	168	178	174	172	167	167	168	166	175	163	174	176	170	179	183	176	180	5553
ISLAND	157	167	167	165	160	156	173	193	195	176	184	182	196	177	163	163	156	161	153	156	153	148	170	163	164	163	168	166	161	163	183	5202
DILTS	23	28	28	33	22	30	36	41	50	44	42	45	50	38	31	31	30	29	34	34	31	26	29	32	36	36	36	35	37	36	39	1078
WEST LABELLE & LONG ISLAND	478	475	502	491	486	475	497	513	513	491	510	510	510	510	500	510	505	510	510	510	508	508	491	508	513	508	508	488	500	505	505	15548
PARKS & LEWISVILLE	375	337	393	362	391	346	357	395	398	379	379	380	328	361	376	373	380	380	377	352	382	379	386	346	384	379	353	386	382	361	357	11514
NORTH RIGBY	57	61	61	62	61	61	54	54	54	54	54	55	54	55	54	49	49	49	54	52	52	52	53	54	53	54	53	56	54	53	53	1691
WHITE	0	6	6	6	0	0	0	0	9	5	6	5	7	6	6	5	5	0	0	0	0	5	5	5	2	4	4	0	0	0	5	102
ELLIS	3	3	4	5	5	5	5	5	6	5	6	5	5	6	5	6	5	6	5	5	6	5	5	5	4	4	5	5	5	5	5	154
BRAMWELL	7	7	8	10	10	10	10	10	11	11	10	10	10	10	10	10	10	11	11	11	10	10	9	8	6	6	7	7	8	10	10	280
BUTTE & MARKET LAKE	230	253	267	276	290	348	339	339	396	399	416	422	414	400	400	400	417	414	391	400	407	378	412	405	405	405	399	345	347	350	350	11414
OSGOOD	0	0	0	0	110	114	117	134	138	142	142	144	144	144	145	146	145	145	145	145	147	143	139	140	140	142	142	142	141	140	140	3756
BEAR ISLAND & SMITH	0	0	0	0	7	7	7	6	6	6	7	6	5	5	4	4	4	4	1	6	6	6	6	2	4	5	0	6	7	5	5	137
KENNEDY	0	50	56	51	55	56	58	58	59	55	51	51	51	52	52	51	46	47	46	46	43	46	48	50	50	50	52	53	52	52	50	1537
IDAHO	434	643	722	888	1080	1120	1170	1310	1320	1350	1320	1230	1260	1260	1290	1310	1320	1320	1320	1080	1260	1260	1260	1260	1260	1330	1330	1350	1330	1330	1330	37047
GREAT WESTERN	314	319	401	426	507	572	603	617	622	624	619	619	600	615	607	609	603	602	605	592	590	588	590	594	598	600	598	602	603	603	600	17642
PORTER	174	198	293	321	345	380	368	375	364	368	392	394	376	369	354	385	392	388	380	372	383	363	372	369	369	359	359	362	359	356	356	10995
COY & KELLER	0	0	0	2	2	2	2	1	1	1	1	2	2	2	1	1	1	1	2	2	2	1	1	1	1	2	2	2	1	1	1	41
WOODVILLE	54	73	27	27	46	82	98	102	110	114	107	108	98	99	97	90	98	103	106	112	110	105	103	92	99	98	97	96	73	85	96	2805
SNAKE RIVER VALLEY	254	330	463	612	640	723	751	766	740	698	740	725	654	710	734	719	729	744	679	662	660	687	689	704	723	748	689	681	708	710	700	20772
TOTAL HEISE TO SHELLEY	5327	6344	7397	7938	8886	9353	9469	9765	9664	9917	10014	9812	9283	9137	9262	9322	9461	9495	9444	9056	9283	9256	9454	9424	9615	9654	9493	9410	9395	9379	9177	281886
RESERVATION	128	20	20	183	448	478	518	564	544	534	574	577	560	572	547	516	572	570	574	508	386	473	560	546	568	579	561	572	570	557	557	14936
BLACKFOOT	100	150	262	251	258	390	426	400	384	307	402	461	553	414	385	398	369	394	389	391	361	337	346	355	356	419	420	377	355	351	354	11115
NEW LAVA SIDE	27	48	69	91	155	164	162	161	176	158	170	168	163	163	160	155	178	150	146	148	163	160	158	170	170	165	170	173	172	162	165	4640
PEOPLES	227	340	380	411	475	576	586	607	613	597	633	597	602	602	591	573	563	610	599	586	589	581	576	586	586	586	594	594	599	594	586	17239
ABERDEEN-SPRINGFIELD	700	849	982	1140	1270	1330	1340	1350	1350	1340	1370	1370	1370	1370	1360	1360	1370	1370	1370	1380	1360	1350	1360	1360	1360	1360	1360	1360	1360	1360	1370	40301
CORBETT	108	113	116	81	0	184	138	129	103	67	177	207	241	241	244	223	190	182	163	202	218	217	161	104	114	183	202	230	216	207	198	5159
NIELSEN-HANSEN	4	4	0	0	0	8	4	7	4	2	0	8	11	12	12	11	9	9	8	9	10	10	7	6	0	8	9	10	10	9	9	210
RIVERSIDE	100	104	107	131	140	135	131	135	112	102	112	115	124	116	139	135	129	146	143	145	149	150	139	127	121	131	136	139	111	122	134	3960
DANSKIN	150	150	150	173	187	220	228	223	212	183	241	246	242	236	238	228	204	219	212	215	220	222	208	194	195	222	228	231	219	215	209	6520
TREGO	57	57	55	59	72	74	72	73	64	65	82	78	81	88	94	83	77	77	78	79	73	73	73	81	75	72	70	80	72	74	73	2281
WEARYRICK	44	47	47	47	52	64	65	58	50	34	73	78	76	76	76	74	70	60	57	59	48	50	52	53	60	68	69	67	68	65	63	1870
WATSON	20	20	20	105	99	80	82	67	79	67	113	119	133	132	126	121	113	113	111	113	116	123	112	99	101	118	126	132	126	124	118	3128
PARSONS	35	35	30	23	30	30	27	27	32	26	46	44	43	43	43	36	34	36	35	36	36	35	33	37	34	40	37	38	37	38	37	1093
TOTAL SHELLEY TO BLACKFOOT	1700	1437	2238	2645	3186	3733	3779	3801	3723	3482	3993	4068	4199	4065	4015	3913	3878	3936	3885	3871	3729	3781	3785	3718	3740	3951	3982	4003	3915	3878	3873	112452

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS AUGUST 1952

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	25	23	20	18	0	24	22	30	31	31	31	29	28	24	23	22	20	18	25	27	27	18	15	13	13	13	13	20	19	26	672
ANDERSON	476	476	424	434	426	418	428	412	413	413	413	415	391	388	384	381	376	384	383	383	381	381	381	381	376	380	376	380	380	380	380	12394
EAGLE ROCK	699	645	582	515	506	505	505	513	533	541	533	491	448	430	450	448	448	448	448	436	408	412	412	412	410	414	412	410	410	410	406	14640
FARMERS FRIEND	378	384	381	339	277	266	360	360	360	360	360	326	310	257	252	249	249	250	256	282	280	280	283	263	263	294	290	290	278	294	262	9333
ENTERPRISE	132	132	132	122	121	121	126	121	121	121	120	118	115	115	112	116	115	116	118	103	92	96	95	92	93	90	90	92	93	93	93	3416
NELSON	0	0	0	0	0	0	4	4	4	0	0	3	0	0	0	0	5	4	4	4	0	0	0	0	0	0	0	0	0	0	0	32
MATTSON & CRAIG	10	10	10	12	12	10	10	10	8	8	8	11	8	9	9	9	10	8	11	11	11	8	7	7	7	7	7	7	9	12	9	285
ARNSBERGER	5	7	6	5	4	2	0	0	0	0	0	0	0	0	0	1	1	1	3	3	3	3	4	3	3	3	3	3	0	0	0	63
BUTLER ISLAND	46	47	47	47	46	48	47	47	48	48	48	47	47	46	44	43	41	43	43	43	43	44	44	42	44	44	42	42	42	42	41	1386
ROSS & RAND	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	0	4	4	4	4	4	4	4	4	4	4	4	4	4	92
STEELE	8	8	8	8	4	4	4	5	5	5	5	5	5	6	5	5	5	5	5	5	5	4	5	4	5	4	4	4	4	4	4	157
HARRISON	542	554	478	446	445	480	478	476	474	425	366	341	341	337	377	372	375	330	305	330	334	362	360	305	272	292	313	436	438	438	438	12260
CHENEY	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	5	5	4	7	6	6	6	6	6	6	202
BOOMER	159	161	142	164	159	163	151	149	152	154	127	141	142	140	115	114	111	110	107	106	140	140	137	133	94	103	99	126	124	116	112	4091
RUDY	58	60	48	60	60	61	53	52	47	48	43	53	53	54	52	55	54	57	47	48	48	37	38	37	46	62	60	70	70	53	52	1636
KITE & NORD	4	7	6	4	1	4	4	4	1	6	5	5	5	6	6	5	5	5	5	5	2	2	2	2	3	3	6	7	4	1	2	127
BURGESS	820	812	812	803	799	812	821	812	816	821	838	812	784	781	772	768	768	777	716	716	656	646	647	656	686	682	707	699	699	699	742	23379
CLARK & EDWARDS	74	74	73	74	74	74	73	74	74	74	74	74	74	72	71	71	71	71	71	69	68	68	68	69	69	70	70	70	69	69	69	2215
LOWDER & JENNINGS	54	54	52	53	53	53	52	52	53	53	53	53	54	52	52	52	52	52	52	50	48	46	40	30	30	30	30	40	45	45	45	1480
EAST LABELLE	128	119	119	118	118	122	121	120	120	124	124	125	125	120	118	117	117	118	120	120	119	119	119	117	118	118	116	116	118	120	118	3711
SUNNYDELL	171	170	152	134	145	111	177	159	157	154	165	154	145	135	112	115	140	148	175	154	155	152	118	114	114	118	116	108	107	111	108	4294
LENROOT	110	103	98	94	108	90	147	112	116	117	105	104	103	91	83	83	86	96	110	91	89	94	96	86	83	80	87	106	105	102	84	3059
REID	153	158	146	144	148	139	159	143	152	150	154	157	148	146	107	107	105	112	150	152	143	146	150	148	144	136	125	127	138	149	144	4380
TEXAS FEEDER	262	270	264	251	259	187	262	246	233	262	256	230	210	198	143	140	134	146	212	223	228	233	249	229	219	197	182	192	201	219	214	6751
NELSON COREY	7	7	8	5	4	1	8	6	5	5	5	4	3	2	0	2	2	2	2	4	4	4	1	0	0	1	2	2	1	1	1	99
HILL PETTINGER	4	3	3	5	5	5	4	6	4	6	6	6	6	5	3	0	0	2	2	2	2	2	2	2	2	3	2	2	0	0	0	94
RIGBY	169	169	170	170	166	167	165	166	167	167	160	160	157	156	156	156	151	166	166	168	164	54	161	158	163	162	159	160	154	154	160	4921
ISLAND	188	186	183	177	182	184	154	142	142	145	148	149	156	156	156	154	154	155	158	166	161	167	170	170	172	166	161	158	161	152	151	5024
DILTS	30	35	36	34	27	28	18	23	22	21	17	16	31	30	21	25	21	30	29	23	27	23	25	29	25	25	23	21	25	26	18	784
WEST LABELLE & LONG ISLAND	508	510	510	502	508	516	518	518	505	513	518	513	521	524	524	524	521	528	524	505	505	502	500	500	464	470	462	454	432	440	443	15482
PARKS & LEWISVILLE	366	370	341	359	348	345	344	341	341	317	348	348	345	348	334	326	312	332	319	314	311	312	326	307	331	322	322	311	311	306	312	10269
NORTH RIGBY	51	50	50	49	49	48	47	47	50	52	47	49	52	49	52	52	52	51	51	50	50	50	50	50	50	50	50	50	50	42	41	1531
WHITE	6	5	0	0	0	7	6	6	0	0	0	0	0	0	5	1	1	1	5	5	0	4	0	0	5	0	0	0	0	0	0	57
ELLIS	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	4	4	4	154
BRAMWELL	7	7	7	7	7	7	8	7	7	7	1	9	9	9	9	9	9	9	8	8	9	10	10	10	10	10	10	10	10	10	10	260
BUTTE & MARKET LAKE	353	350	307	307	304	328	323	318	299	297	271	273	306	304	287	287	285	296	295	297	297	284	284	268	268	268	243	243	240	240	240	8962
OSGOOD	137	137	137	137	136	134	136	138	138	138	138	138	138	138	138	138	138	138	111	114	133	133	136	138	138	137	137	138	138	138	138	4201
BEAR ISLAND & SMITH	7	0	0	0	0	3	4	4	5	1	4	6	2	4	5	5	4	4	4	4	5	6	6	5	6	8	7	4	4	4	4	125
KENNEDY	47	47	47	47	46	46	45	44	46	46	47	50	52	55	54	53	52	51	48	50	48	47	48	52	55	54	53	53	54	54	54	1545
IDAHO	1330	1320	979	1080	1140	1140	1180	966	1070	1070	966	966	966	966	908	908	908	908	948	908	908	908	908	908	976	775	1040	1110	1110	1110	1110	31490
GREAT WESTERN	600	600	598	567	534	529	534	538	534	531	504	476	464	464	462	457	453	453	457	477	482	482	482	482	481	481	482	479	481	477	479	15520
PORTER	341	336	333	328	318	308	298	302	300	295	289	261	233	230	227	250	258	264	278	291	294	297	295	292	289	287	285	283	281	282	282	8907
COY & KELLER	1	1	1	2	2	2	2	1	1	1	1	2	2	2	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	1	1	45
WOODVILLE	97	95	98	89	75	77	71	87	85	80	85	62	61	58	55	64	57	57	57	75	73	76	83	72	71	72	68	61	71	71	71	2274
SNAKE RIVER VALLEY	622	604	582	570	550	526	514	546	524	480	492	492	486	443	400	439	494	526	552	566	560	574	572	552	550	570	564	558	560	560	550	16578
TOTAL HEISE TO SHELLEY	9199	9123	8408	8297	8199	8086	8400	8113	8176	8101	7889	7690	7541	7368	7099	7139	7172	7287	7342	7403	7330	7250	7347	7154	7165	7018	7235	7452	7453	7458	7428	238377
RESERVATION	506	434	276	105	283	442	471	487	446	425	443	254	273	267	320	453	365	316	316	323	320	368	431	436	431	422	432	483	485	490	501	12004
BLACKFOOT	313	321	302	253	265	350	285	311	377	374	255	236	233	232	223	226	232	237	256	276	228	239	242	244	232	239	248	223	253	270	274	8249
NEW LAVA SIDE	152	162	132	142	150	157	139	145	155	154	133	154	144	151	150	149	148	138	151	159	148	139	116	122	136	126	144	143	156	139	136	4470
PEOPLES	599	594	584	594	597	555	565	560	530	540	455	449	455	455	455	480	480	480	480	485	480	480	480	485	430	435	430	430	480	480	485	15487
ABERDEEN-SPRINGFIELD	1370	1330	1280	1280	1270	1260	1220	1230	1200	1120	1180	1160	1160	1170	1160	1170	1160	1180	1230	1230	1230	1200	1150	1080	1120	1160	1150	1160	1190	1180	1140	37120
CORBETT	206	202	202	177	195	176	115	157	125	126	180	174	174	174	168	122	110	100	80	111	124	131	138	145	148	128	121	91	76	76	112	4364
NIELSEN-HANSEN	9	9	9	9	9	0	0	0	0	0	11	13	12	11	12	12	10	11	10	11	12	12	12	12	12	12	11	9	9	8	9	276
RIVERSIDE	133	133	144	152	121	117	107	112	109	111	118	120	117	115	113	105	104	102	99	101	105	105	104	107	106	103	103	98	103	111	112	3490
DANSKIN	207	212	226	231	202	196	181	187	180	182	170	171	169	146	158	148	147	144	173	188	199	205	206	211	209	202	177	156	154	158	172	5667
TREGO	74	76	75	76	68	77	73	69	73	72	68	69	67	63	60	54	51	60	58	62	62	68	69	69	70	69	71	66	66	67	62	2084
WEARYRICK	0	52	58	54	47	66	59	62	62	60	58	59	59	57	56	50	53	48	36	41	41	50	56	51	58	65	65	52	54	58	59	1646
WATSON	84	114	135	111	105	98	108	111	112	109	110	110	111	110	107	99	89	86	82	103	107	108	108	108	111	110	111	97	90	94	97	3235
PARSONS	38	38	32	34	32	30	32	32	31	31	33	33	28	27	26	27	24	23	22	22	21	20	30	28	23	26	27	24	23	23	23	863
TOTAL SHELLEY TO BLACKFOOT	3691	3677	3455	3218	3344	3524	3355	3463	3400	3304	3214	3002	3002	2978	3008	3095	2923	2925	2993	3112	3077	3125	3142	3098	3086	3097	3090	3032	3139	3154	3182	98955

STREAM	MAY															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BIG JIMMY CREEK	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
PORTNEUF RIVER INFLOW BELOW POCATELLO	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
BIG SPRING CREEK	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495
CLEAR CREEK	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
FORD CREEK	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KINNEY CREEK	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
WIDE CREEK	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
PYLE SPRINGS	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MC TUCKER SPRINGS	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
HULL SPRINGS	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
TANNER SPRINGS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTNEUF RIVER AT POCATELLO	922	939	955	984	976	1000	1020	1040	1030	1020	1010	959	935	898	858	834
CRYSTAL DITCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYSTAL WASTE	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
DANIELSEN SPRINGS	39	39	39	39	39	39	39	39	39	39	39	39	39	39	40	42
ARTESIAN SPRINGS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STERLING WASTE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
COLBURN WASTE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ABERDEEN WASTE	15	15	15	15	15	80	75	80	70	55	30	20	15	30	15	20
TARTAR WASTE	5	5	5	5	5	30	15	15	30	35	40	40	60	15	15	15
SCHILTZ WASTE	0	0	0	0	0	2	1	2	0	2	1	1	0	1	0	0
CEDAR WASTE	0	0	0	0	0	0	0	0	34	18	18	22	1	25	22	9
ROSS FORK	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73
TRIPLE CREEK	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
BANNOCK CREEK	43	43	43	43	42	42	42	42	41	41	41	40	40	40	40	39
RUEGAR SPRINGS	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
TOTAL MEASURED	2274	2291	2307	2336	2327	2443	2442	2468	2494	2460	2429	2371	2340	2298	2240	2209
UNMEASURED INFLOW	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330
TOTAL INFLOW BLACKFOOT TO NEELEY	3604	3621	3637	3666	3657	3773	3772	3798	3824	3790	3759	3701	3670	3628	3570	3539
TOTAL FOR MONTH	109,717															

STREAM	MAY														
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BIG JIMMY CREEK	35	35	35	35	34	34	34	34	34	34	34	34	34	34	33
PORTNEUF RIVER INFLOW BELOW POCATELLO	293	295	295	295	295	295	295	295	295	296	298	298	298	298	298
BIG SPRING CREEK	500	505	510	515	520	520	525	530	535	540	545	550	550	550	549
CLEAR CREEK	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
FORD CREEK	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KINNEY CREEK	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
WIDE CREEK	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
PYLE SPRINGS	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MC TUCKER SPRINGS	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
HULL SPRINGS	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
TANNER SPRINGS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTNEUF RIVER AT POCATELLO	802	730	684	660	668	684	660	622	603	592	574	555	514	493	478
CRYSTAL DITCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYSTAL WASTE	38	38	38	38	38	39	39	39	39	39	39	39	39	39	38
DANIELSEN SPRINGS	43	45	46	48	49	50	52	53	55	56	58	59	60	60	60
ARTESIAN SPRINGS	0	0	0	1	1	1	1	1	2	2	2	3	3	3	3
STERLING WASTE	2	2	3	3	4	4	5	5	5	6	6	7	7	7	7
COLBURN WASTE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ABERDEEN WASTE	15	15	15	15	15	25	30	50	35	55	60	55	60	51	50
TARTAR WASTE	5	5	5	5	5	5	5	5	5	5	30	15	15	14	14
SCHILTZ WASTE	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0
CEDAR WASTE	6	2	2	8	0	6	0	0	9	6	4	8	2	4	15
ROSS FORK	73	73	73	72	72	72	72	72	71	71	71	71	70	70	70
TRIPLE CREEK	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3
BANNOCK CREEK	39	38	38	37	36	36	35	34	34	33	33	32	32	32	32
RUEGAR SPRINGS	23	23	23	23	23	23	23	23	23	24	24	24	24	24	24
TOTAL MEASURED	2166	2098	2059	2047	2052	2087	2067	2054	2036	2049	2069	2041	1999	1972	1962
UNMEASURED INFLOW	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330
TOTAL INFLOW BLACKFOOT TO NEELEY	3496	3428	3389	3377	3382	3417	3397	3384	3366	3379	3399	3371	3329	3302	3292
TOTAL FOR MONTH															

STREAM									
	1	2	3	4	5	6	7	8	9
BIG JIMMY CREEK	33	33	33	33	33	33	33	33	32
PORTNEUF RIVER INFLOW BELOW POCATELLO	300	300	300	300	300	310	310	310	310
BIG SPRING CREEK	549	548	548	547	546	546	545	544	544
CLEAR CREEK	126	126	126	126	126	126	126	126	126
FORD CREEK	7	7	7	7	7	7	7	7	7
KINNEY CREEK	31	31	31	31	31	31	31	31	31
WIDE CREEK	71	71	71	71	71	71	71	71	71
PYLE SPRINGS	15	15	15	15	15	15	15	15	15
MC TUCKER SPRINGS	27	27	27	27	27	27	27	27	27
HULL SPRINGS	8	8	8	8	8	8	8	8	7
TANNER SPRINGS	0	0	0	0	0	0	0	0	0
PORTNEUF RIVER AT POCATELLO	433	405	385	358	344	314	298	285	256
CRYSTAL DITCH	0	0	0	0	0	0	0	0	0
CRYSTAL WASTE	38	37	37	36	36	35	35	34	34
DANIELSEN SPRINGS	61	61	61	62	62	63	63	63	64
ARTESIAN SPRINGS	3	3	3	3	3	3	3	3	3
STERLING WASTE	7	7	6	6	6	6	5	5	5
COLBURN WASTE	3	2	2	2	2	2	2	2	2
ABERDEEN WASTE	50	35	40	45	30	30	30	30	30
TARTAR WASTE	15	15	15	15	15	15	15	15	15
SCHILTZ WASTE	1	1	0	1	1	1	1	1	1
CEDAR WASTE	13	10	4	0	0	0	0	0	6
ROSS FORK	70	70	69	69	69	69	68	68	68
TRIPLE CREEK	3	3	3	3	3	3	3	3	3
BANNOCK CREEK	31	31	30	30	29	29	28	28	27
RUEGAR SPRINGS	24	24	24	24	24	24	24	24	24
TOTAL MEASURED	1919	1870	1845	1819	1788	1768	1748	1733	1708
UNMEASURED INFLOW	1330	1330	1330	1330	1330	1330	1330	1330	1330
TOTAL INFLOW BLACKFOOT TO NEELEY	3249	3200	3175	3149	3118	3098	3078	3063	303
TOTAL FOR MONTH									

INFLOW TO AMERICAN FALLS

BETWEEN BLACKFOOT AND NEELEY

24 HOUR SECOND-FEET

	JUNE																														JULY														
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
33	33	33	33	33	33	33	33	33	32	32	32	32	32	32	32	32	32	31	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
298	300	300	300	300	300	310	310	310	310	320	320	320	320	320	330	330	330	330	330	330	330	330	330	340	340	340	340	350	350	350	350	358	358	358	358	358	358	358	355	355	355	355	355	355	355
549	549	548	548	547	546	546	545	544	544	543	543	542	542	541	540	540	539	538	538	538	538	538	538	539	539	539	539	539	539	540	540	540	540	540	540	541	542	542	543	544	544	546	548	550	552
126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
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
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
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
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
8	8	8	8	8	8	8	8	8	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
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	433	405	385	358	344	314	298	285	256	237	218	203	198	178	155	155	155	148	142	135	131	137	133	173	230	230	235	280	250	225	206	186	165	158	139	131	122	103	83	77	76	78	112	146	137
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
38	38	37	37	36	36	35	35	34	34	33	33	32	32	31	31	30	30	29	29	29	29	29	29	29	28	28	28	28	28	27	27	27	27	27	27	27	27	28	28	28	28	29	29	29	30
60	61	61	61	62	62	63	63	63	64	64	64	65	65	65	66	66	66	67	67	67	67	66	66	65	64	64	63	62	62	61	60	60	59	59	59	59	59	59	59	59	60	60	60	60	60
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	2	2	2	2	2	2	1
7	7	7	6	6	6	6	5	5	5	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	2	2
50	50	35	40	45	30	30	30	30	30	30	30	50	50	60	65	90	90	90	80	76	80	90	80	100	130	130	140	150	160	160	130	120	75	43	42	25	25	25	25	25	25	25	25	25	25
14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	25	25	20	20	21	20	20	20	20	20	25	25	25	25	25	20	15	13	12	25	10	10	10	10	10	10	10	10	15	10
0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	4	4	3	4	4	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
15	13	10	4	0	0	0	0	0	6	2	5	0	9	8	1	2	18	14	11	4	18	13	13	35	30	26	30	28	37	37	0	30	26	18	26	9	9	0	0	0	0	4	4	4	0
70	70	70	69	69	69	69	68	68	68	68	68	67	67	67	67	66	66	66	66	66	68	65	64	64	63	62	62	61	61	60	60	59	58	58	58	58	59	59	59	60	60	60	61	61	6
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	2	2	2	2	2	
32	31	31	30	30	29	29	28	28	27	27	26	26	26	25	25	24	24	23	23	22	21	20	19	18	17	16	15	15	14	13	12	11	10	9	8	8	8	8	7	7	7	7	6	6	
24	24	24	24	24	24	24	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	25	25	25	2
962	1919	1870	1845	1819	1788	1768	1748	1733	1708	1693	1677	1674	1678	1664	1649	1682	1698	1679	1660	1642	1653	1663	1647	1738	1817	1816	1832	1891	1878	1851	1758	1759	1683	1634	1634	1578	1571	1544	1521	1517	1517	1526	1562	1603	1587
330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1330	1320	1320	1320	1320	132	1320	1320	1320	1320	132
292	3249	3200	3175	3149	3118	3098	3078	3063	3038	3023	3007	3004	3008	2994	2979	3012	3028	3009	2990	2972	2983	2993	2977	3068	3147	3146	3162	3221	3208	3181	3088	3089	3013	2964	2964	2898	2891	2864	2841	2837	2837	2846	2882	2923	290

92,280

89

FALLS RESERVOIR 1952

T AND NEELEY STATIONS

HOUR SECOND-FEET

JULY

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
355	355	355	355	355	355	355	350	350	350	350	350	350	350	350	350	350	347	347	347	347	347	347
543	544	544	546	548	550	552	554	556	558	560	562	564	566	568	570	572	574	576	578	580	581	582
126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
83	77	76	78	112	146	137	116	99	94	78	83	88	78	78	68	61	66	85	85	83	83	85
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	28	28	29	29	29	30	30	30	30	31	31	31	32	32	32	32	33	33	33	34	34	34
59	59	60	60	60	60	60	60	61	61	61	61	61	62	62	62	62	62	62	63	63	63	63
2	2	2	2	2	2	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	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	1
25	25	25	25	25	25	25	25	25	25	25	30	30	30	30	30	30	30	30	30	30	30	30
10	10	10	10	10	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	12
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	60	60	60	61	61	61	62	62	62	63	63	63	64	64	64	64	65	65	65	66	66	66
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	7	7	7	6	6	6	6	5	5	5	5	4	4	4	4	4	3	3	3	3	2	2
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
1521	1517	1517	1526	1562	1603	1587	1564	1549	1546	1534	1546	1552	1547	1549	1542	1537	1541	1562	1565	1567	1568	1572
1320	132	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
2841	2837	2837	2846	2882	2923	2907	2884	2869	2866	2854	2866	2872	2867	2869	2862	2857	2861	2882	2885	2887	2888	2892

89,805

AUGUST

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
347	347	345	345	345	345	340	340	340	340	340	337	337	337	337	337	337	335	335	335	335	330
580	579	577	576	575	573	572	570	569	568	567	566	565	564	563	562	561	560	558	557	556	555
126	126	127	127	128	128	129	129	130	130	131	131	132	132	132	132	132	132	132	132	133	133
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
71	70	70	69	68	68	67	66	66	65	64	64	63	63	63	63	63	63	63	63	63	63
15	15	15	15	15	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	114	108	105	99	101	97	108	108	124	146	151	158	155	155	153	148	131	124	118	106	139
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
34	34	34	33	33	33	32	32	32	31	31	31	31	30	30	30	30	31	32	32	33	34
63	63	63	62	62	62	61	61	60	60	60	59	59	58	58	58	58	59	59	60	60	[illegible]
1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
2	2	3	3	4	5	5	6	7	7	8	9	9	10	10	10	10	10	10	10	10	10
1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
34	35	35	35	35	35	35	40	35	35	30	30	30	30	27	25	25	25	25	25	25	
12	15	10	10	10	10	10	10	14	14	14	14	14	14	14	14	14	14	14	14	12	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
1	0	0	4	0	9	3	3	6	3	5	6	2	3	4	0	0	2	6	15	15	
66	65	65	64	64	63	63	62	62	62	61	61	60	60	60	60	61	61	62	62	63	
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	
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
1593	1604	1591	1587	1577	1586	1568	1580	1583	1593	1611	1613	1614	1610	1607	1598	1593	1577	1574	1577	1565	
1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	
2913	2924	2911	2907	2897	2906	2888	2900	2903	2913	2931	2933	2934	2930	2927	2918	2913	2897	2894	2897	2885	

89,955

PLATE NO. 11

T																SEPTEMBER																													
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
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
337	337	335	335	335	335	330	330	330	330	330	330	330	330	320	320	320	320	320	320	320	310	310	310	310	310	310	310	310	307	307	307	307	307	307	307	305	305	305	305	305	305	305	305	305	305
562	561	560	558	557	556	555	554	552	551	550	549	548	546	545	544	542	541	540	539	538	537	536	535	534	532	531	530	529	528	527	526	525	525	525	525	525	525	525	525	525	525	525	525	525	525
132	132	132	132	132	133	133	133	133	133	133	133	134	134	134	134	134	134	134	135	135	135	135	135	135	135	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136
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
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
63	63	63	63	63	63	63	62	62	62	62	62	62	62	62	62	61	61	61	61	61	61	61	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	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
27	27	27	27	27	27	27	27	27	27	28	28	28	28	28	28	28	28	28	28	28	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
153	148	131	124	118	106	139	118	118	120	122	118	110	116	112	116	116	114	114	120	118	114	112	112	110	118	135	148	151	151	163	176	176	163	151	146	148	146	139	135	131	131	131	129	126	126
2	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	30	31	32	32	33	34	34	35	36	36	37	38	38	39	40	40	41	42	42	43	44	44	45	45	46	46	47	48	48	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
58	58	59	59	60	60	60	61	61	62	62	62	63	63	64	64	64	65	65	66	66	66	67	67	67	68	68	68	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
3	3	3	3	3	3	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	4	4	4	4	4	4	4	4	4	4	4
10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	25	25	25	25	25	30	30	30	35	25	25	20	20	20	20	20	20	20	25	25	25	55	30	15	20	15	15	25	30	20	15	15	15	20	30	30	25	15	15	15	15	15	15	20	25
14	14	14	14	14	12	12	12	12	12	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	2
0	0	2	6	15	15	24	13	6	0	2	2	0	2	0	0	7	9	5	0	0	4	8	6	0	0	0	0	3	10	10	1	0	1	1	1	0	3	3	2	4	4	6	12	13	14
60	61	61	62	62	63	63	64	64	64	65	65	66	66	67	67	68	68	68	69	69	70	70	71	71	72	72	73	73	74	74	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
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
25	25	25	25	25	25	25	25	25	24	24	24	24	24	24	24	23	23	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
1598	1593	1577	1574	1577	1565	1608	1576	1569	1571	1565	1560	1547	1554	1540	1544	1546	1547	1543	1551	1550	1541	1572	1546	1520	1534	1546	1562	1579	1588	1590	1589	1587	1576	1568	1573	1572	1568	1551	1546	1544	1544	1547	1550	1553	1560
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
2918	2913	2897	2894	2897	2885	2928	2896	2889	2891	2885	2880	2867	2874	2860	2864	2866	2867	2863	2871	2870	2861	2892	2866	2840	2854	2866	2882	2899	2908	2910	2909	2907	2896	2888	2893	2892	2888	2871	2866	2864	2864	2867	2870	2873	2880

955

86,343

DAILY SEGREGATION OF

DATE	JACKSON LAKE CONTENTS ACRE-FEET	SNAKE RIVER AT MORAN			MORAN TO HEISE	
		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSION
JUNE 29	850,300					
30	850,300					
JULY 1	850,300					
2	850,050					
3	850,050					
4	848,250	1498	2742	4240	37	5
5	844,930	1714	2566	4280	43	5
6	841,880	2260	2350	4610	56	5
7	837,300	2650	2300	4950	66	5
8	832,210	3025	2275	5300	76	5
9	824,830	4730	2250	6980	118	5
10	815,720	5238	2202	7440	131	5
11	806,370	4310	2700	7010	108	5
12	799,040	3530	2600	6130	88	5
13	792,750	3220	2500	5720	81	5
14	787,240	2770	2420	5190	69	5
15	781,720	3076	2414	5490	77	5
16	773,690	4006	2414	6420	100	5
17	765,210	4236	2404	6640	106	5
18	756,240	4240	2330	6570	106	5
19	747,530	4240	2230	6470	106	5
20	739,860	4390	2130	6520	110	5
21	730,960	4300	2000	6300	107	5
22	722,550	4300	1970	6270	107	5
23	713,950	4760	1950	6710	119	4
24	703,630	5400	1930	7330	135	4
25	693,100	5180	1920	7100	129	4
26	683,350	5012	1918	6930	125	4
27	673,600	4876	1914	6790	122	4
28	664,140	4690	1900	6590	117	4
29	654,940	4610	1880	6490	115	4
30	645,280	4460	1860	6320	111	4
31	636,380	4220	1860	6080	105	4
AUG. 1	628,200	4260	1700	5960	106	4
2	620,700	3540	1600	5140	89	4
3	614,320	2960	1500	4460	74	4
4	608,590	2520	1460	3980	63	4
5	603,810	2864	1446	4310	72	4
6	596,910	3514	1446	4960	88	4
7	589,800	3049	1431	4480	76	4
8	583,150	3330	1390	4720	83	4
9	576,040	3710	1290	5000	93	4
10	568,500	3440	1200	4640	86	4
11	562,380	3158	1062	4220	79	4
12	556,720	2930	1010	3940	73	4
13	551,080	2450	980	3430	61	4
14	546,400	2210	950	3160	55	4
15	541,960	2270	930	3200	57	4
16	536,810	2510	920	3430	63	4
17	531,190	3230	900	4130	81	

DATE	HEISE & RILEY			STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY		
	STORED	NORMAL	TOTAL	MARKET LAKE	HENRYS FORK NEAR REXBURG		STORED	NORMAL	TOTAL
JUNE 30									
JULY 1									
2									
3									
4									
5	1456	11152	12608			71		8886	8886
6	1666	11062	12728			81		9353	9353
7	2199	10631	12830	8		107	1319	8150	9469
8	2579	10151	12730	8		126	1918	7847	9765
9	2944	9486	12430	8	-418	144	1898	7766	9664
10	4607	9123	13730	8	-388	225	2298	7619	9917
11	5102	9331	14433	8	-708	249	2732	7282	10014
12	4197	10632	14829	8	-353	204	2158	7654	9812
13	3437	10892	14329	8	-232	167	1654	7639	9283
14	3134	10690	13724	8	-59	153	1216	7921	9137
15	2696	10028	12724	8	328	132	1380	7882	9262
16	2994	9230	12224	8	156	146	1438	7884	9322
17	3901	8825	12726	8	-102	190	1518	7943	9461
18	4125	8601	12726	8	-77	201	2300	7195	9495
19	4129	8597	12726	8	-355	201	2241	7203	9444
20	4129	8401	12530	8	-204	201	1849	7207	9056
21	4275	8255	12530	8	-345	208	2088	7195	9283
22	4188	8040	12028	8	-284	204	2064	7192	9526
23	4188	7739	11927	8	-235	204	2540	6914	9454
24	4637	7390	12027	8	-886	226	2492	6932	9424
25	5261	7367	12628	8	-711	257	2684	6931	9615
26	5047	7381	12428	8	-172	246	2733	6921	9654
27	4883	7344	12227	8	-129	238	2555	6938	9493
28	4750	7376	12126	8	14	232	2524	6886	9410
29	4569	7255	11824	8	299	223	2523	6872	9395
30	4491	7035	11526	8	195	219	2494	6880	9374
31	4345	7081	11426	8	119	212	2264	6913	9177
AUG. 1	4111	7313	11424	9	86	201	2285	6914	9199
2	4150	7675	11825	9	105	203	1915	7208	9123
3	3447	7676	11123	9	-112	168	1294	7114	8408
4	2882	7438	10320	9	258	141	858	7439	8297
5	2453	7325	9778	9	555	120	851	7348	8199
6	2788	6412	9200	9	516	136	782	7304	8086
7	3422	6702	10124	9	266	167	1287	7113	8400
8	2969	6573	9542	9	-404	144	1347	6766	8113
9	3243	6217	9460	9	-91	158	1426	6750	8176
10	3613	6178	9791	9	-101	176	1384	6717	8101
11	3350	6261	9611	9	-60	163	1261	6628	7889
12	3075	6126	9201	9	90	150	1150	6540	7690
13	2853	5996	8849	9	156	139	915	6626	7541
14	2385	6023	8408	9	78	116	826	6542	7368
15	2151	5793	7944	9	-44	105	791	6308	7099
16	2209	5564	7773	9	-65	108	846	6293	7139
17	2443	5329	7772	9	-261	119	920	6257	7177
18	3145	4965	8110	9	-253	153	992	6295	7287

DATE	SNAKE RIVER NEAR SHELLEY			SHELL
	STORED	NORMAL	TOTAL	STOR
JULY 1				
2				
3				
4				
5				
6	1385	4665	6050	
7	1585	3885	5470	
8	781	4089	4870	
9	543	3657	4200	
10	492	3708	4200	
11	1704	3266	4970	
12	1421	5579	7000	
13	1490	6690	8180	
14	1392	7618	9010	
15	1714	6736	8450	
16	1520	5480	7000	
17	1574	4536	6110	
18	2099	3891	5990	
19	1555	3635	5190	
20	1340	4230	5570	
21	1883	3907	5790	
22	1642	3738	5380	
23	1644	3016	4660	
24	1217	3003	4220	
25	1041	3479	4520	
26	1617	3473	5090	
27	1904	3406	5310	
28	1969	3631	5600	
29	2016	3494	5510	
30	2130	3060	5190	
31	1981	3049	5030	
AUG. 1	1996	2974	4970	
2	1720	3590	5310	
3	2146	4164	6310	
4	1882	4138	6020	
5	2150	2940	5090	
6	2046	2394	4440	
7	2395	1605	4000	
8	2243	2117	4360	
9	1083	2917	4000	
10	1577	2643	4220	
11	1961	2939	4900	
12	1875	3095	4970	
13	1874	2876	4750	
14	1964	2556	452	
15	1530	2570	410	
16	1220	2440	366	
17	1199	2151	335	
18	1152	2178	333	
19	1756	1614	33	

GATION OF DATA AT AND BETWEEN SNAK

24 HOUR SECOND-FEET EXCEPT AS NOTED

RSIONS O SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACKFOOT			STORAGE LOSS SHELLEY TO BLACKFOOT	THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			CALCULATED INFLOW BLACKFOOT TO NEELEY	DATE	AMERICAN FALLS RESERVOIR CONTENTS ACRE-FEET	SNAKE RIVER AT NEELEY		
ORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL
		JULY 1									JULY 2	286			11200	3089	JULY 3	1,712,000	0	13100	13100
		2									3	245			8910	3013	4	1,708,000	177	11923	12100
		3									4	164			6080	2964	5	1,699,000	2856	9044	11900
		4									5	78			4040	2964	6	1,686,000	5096	7004	12100
		5									6	49			2680	2898	7	1,675,000	6622	5578	12200
8886	8886	6	1385	4665	6050			3733	83	1302	7	49	1302	918	2220	2891	8	1,658,000	8491	3809	12300
9353	9353	7	1585	3885	5470	320	3459	3779	76	1189	8	32	1189	391	1580	2864	9	1,641,000	9045	3255	12300
8150	9469	8	781	4089	4870	324	3477	3801	27	430	9	22	430	590	1020	2841	10	1,623,000	8869	3431	12300
7847	9765	9	543	3657	4200	329	3394	3723	13	201	10	16	201	380	581	2837	11	1,605,000	8983	3217	12200
7766	9664	10	492	3708	4200	268	3214	3482	13	211	11	13	211	468	679	2837	12	1,590,000	8895	3305	12200
7619	9917	11	1704	3266	4970	398	3595	3993	78	1228	12	16	1074	206	1280	2846	13	1,575,000	9048	3052	12100
7282	10014	12	1421	5579	7000	415	3653	4068	60	946	13	60	946	1994	2940	2882	14	1,562,000	7224	4876	12100
7654	9812	13	1490	6690	8180	510	3689	4199	59	921	14	90	921	3009	3930	2923	15	1,549,000	6168	6032	12200
7639	9283	14	1392	7618	9010	373	3692	4065	61	958	15	56	958	3122	4080	2907	16	1,535,000	6171	6029	12200
7921	9137	15	1714	6736	8450	326	3689	4015	83	1305	16	55	1305	1745	3050	2884	17	1,522,000	7671	4629	12300
7882	9262	16	1520	5480	7000	305	3608	3913	73	1142	17	46	1142	798	1940	2869	18	1,508,000	8633	3667	12300
7884	9322	17	1574	4536	6110	293	3585	3878	77	1204	18	29	1204	466	1670	2866	19	1,489,000	9068	3332	12400
7943	9461	18	2099	3891	5990	343	3593	3936	105	1651	19	40	1290	230	1520	2854	20	1,476,000	9616	3084	12700
7195	9495	19	1555	3635	5190	328	3557	3885	74	1153	20	73	1153	687	1840	2866	21	1,458,000	9447	3553	13000
7203	9444	20	1340	4230	5570	328	3543	3871	61	951	21	67	951	1279	2230	2872	22	1,445,000	8949	4151	13100
7207	9056	21	1883	3907	5790	292	3437	3729	96	1495	22	49	1495	735	2230	2867	23	1,431,000	9298	3602	12900
7195	9283	22	1642	3738	5380	271	3510	3781	82	1289	23	43	1187	233	1420	2869	24	1,412,000	9898	3102	13000
7192	9526	23	1644	3016	4660	274	3511	3785	82	1288	24	28	766	218	984	2862	25	1,397,000	10020	3080	13100
6914	9454	24	1217	3003	4220	804	2914	3718	25	388	25	28	468	218	686	2857	26	1,380,000	9925	3075	13000
6932	9424	25	1041	3479	4520	798	2942	3740	15	228	26	43	687	233	920	2861	27	1,364,000	9906	3094	13000
6931	9615	26	1617	3473	5090	1092	2859	3951	32	493	27	73	493	867	1360	2882	28	1,347,000	9051	3749	12800
6921	9654	27	1904	3406	5310	1104	2878	3982	48	752	28	118	752	918	1670	2885	29	1,333,000	8897	3803	12700
6938	9493	28	1969	3631	5600	699	3304	4003	76	1194	29	117	1483	307	1790	2887	30	1,317,000	9506	3194	12700
6886	9410	29	2016	3494	5510	435	3480	3915	95	1486	30	92	1378	282	1660	2888	31	1,302,000	9430	3170	12600
6872	9395	30	2130	3060	5190	422	3456	3878	102	1606	31	98	1122	288	1410	2892	AUG. 1	1,288,000	9420	3180	12600
6880	9374	31	1981	3049	5030	551	3322	3873	86	1344	AUG. 1	66	1194	276	1470	2913	2	1,275,000	9411	3189	1260
6913	9177	AUG. 1	1996	2974	4970	802	2889	3691	72	1122	2	68	1332	258	1590	2924	3	1,261,000	9418	3182	1260
6914	9199	2	1720	3590	5310	269	3408	3677	87	1364	3	79	1364	1136	2500	2911	4	1,247,000	8253	4047	1230
7208	9123	3	2146	4164	6310	198	3257	3455	117	1831	4	102	1831	1569	3400	2907	5	1,238,000	7524	4476	1200
7114	8408	4	1882	4138	6020	209	3009	3218	100	1573	5	65	1953	637	2590	2897	6	1,225,000	8366	3534	1190
7439	8297	5	2150	2940	5090	194	3150	3344	117	1839	6	58	1572	248	1820	2906	7	1,209,000	8746	3154	1190
7348	8199	6	2046	2394	4440	156	3368	3524	113	1777	7	63	957	253	1210	2888	8	1,197,000	8959	3141	1210
7304	8086	7	2395	1605	4000	147	3208	3355	138	2110	8	65	1015	255	1270	2900	9	1,181,000	9145	3155	1230
7113	8400	8	2243	2117	4360	368	3095	3463	112	1763	9	82	938	272	1210	2903	10	1,167,000	9425	3175	1260
6766	8113	9	1083	2917	4000	450	2950	3400	38	595	10	82	948	272	1220	2913	11	1,150,000	9415	3185	1260
6750	8176	10	1577	2643	4220	375	2929	3304	72	1130	11	91	1509	281	1790	2931	12	1,135,000	9388	3212	1260
6717	8101	11	1961	2939	4900	337	2877	3214	98	1526	12	130	1880	320	2200	2933	13	1,122,000	9047	3253	1230
6628	7889	12	1875	3095	4970	313	2689	3002	94	1468	13	120	1910	310	2220	2934	14	1,104,000	8756	3244	1200
6540	7690	13	1874	2876	4750	31	2971	3002	111	1732	14	129	1651	319	1970	2930	15	1,093,000	8651	3249	1190
6628	7541	14	1964	2556	4520	30	2948	2978	116	1818	15	112	1598	302	1900	2927	16	1,079,000	8871	3229	1210
6542	7368	15	1530	2570	4100	30	2978	3008	90	1410	16	61	1489	251	1740	2918	17	1,063,000	9131	3169	1230
6308	7099	16	1220	2440	3660	350	2745	3095	52	818	17	72	838	262	1100	2913	18	1,048,000	9025	3175	122
6293	7139	17	1199	2151	3350	590	2383	2973	37	572	18	75	719	265	984	2897	19	1,030,000	9038	3162	122
6257	7177	18	1152	2178	3330	735	2190	2925	25	392	19	55	675	245	920	2894	20	1,014,000	9361	3139	125
6295	7287	19	1756	1614	3370	910	2083	2993	51	795	20	66	592	256	848	2897	21	997,000	9447	3153	126

EEN SNAKE RIVER GAGING STATIONS 1952

EET EXCEPT AS NOTED

DATE	AMERICAN FALLS RESERVOIR CONTENTS ACRE-FEET	SNAKE RIVER AT NEELEY			STORED DIVERSIONS NEELEY TO WALCOTT	LAKE WALCOTT CONTENTS ACRE-FEET	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	INDIVIDUAL STORED DIVERSIONS MINIDOKA TO MILNER	GOODING PROJECT			NORTH SIDE CAN		
		STORED	NORMAL	TOTAL			NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN
JULY 3	1,712,000	0	13100	13100		92,860	1560	1310	2870	0				11700	JULY 4	10.99				1290	66	990	2620
4	1,708,000	177	11923	12100		93,320	1640	1340	2980	0	2980	607	8843	9450	5	10.88		0	1280	1280	66	940	2690
5	1,699,000	2856	9044	11900		93,440	1640	1320	2960	234	2726	2642	6318	8960	6	10.81		1300	0	1300	68	950	2700
6	1,686,000	5096	7004	12100		93,090	1630	1290	2920	1194	1726	3992	5278	9270	7	11.02		1400	0	1400	69	1000	2720
7	1,675,000	6622	5578	12200		94,600	1650	1290	2940	1214	1726	5538	3852	9390	8	11.03	4	1440	0	1440	68	1010	2710
8	1,658,000	8491	3809	12300	5	94,490	1650	1320	2970	2561	409	6050	3400	9450	9	11.02	4	1450	0	1450	68	1000	2760
9	1,641,000	9045	3255	12300	5	94,720	1650	1330	2980	2980	0	6195	3255	9450	10	11.00	4	1510	0	1510	74	1010	2760
10	1,623,000	8869	3431	12300	5	94,950	1680	1330	3010	2979	31	6080	3400	9480	11	11.02	4	1550	0	1550	74	1020	2740
11	1,605,000	8983	3217	12200	5	94,950	1690	1340	3030	3030	0	6263	3217	9480	12	11.00	4	1590	0	1590	74	1020	2720
12	1,590,000	8895	3305	12200	5	94,600	1700	1340	3040	3040	0	6175	3305	9480	13	11.01	4	1550	0	1550	74	1010	2720
13	1,575,000	9048	3052	12100	5	94,840	1670	1340	3010	3010	0	6398	3052	9450	14	11.03	4	1540	0	1540	73	1000	2720
14	1,562,000	7224	4876	12100	5	94,950	1640	1340	2980	1504	1476	6050	3400	9450	15	10.99	4	1530	0	1530	73	1010	2740
15	1,549,000	6168	6032	12200	5	94,250	1640	1340	2980	1254	1726	5214	4306	9520	16	11.01	4	1530	0	1530	73	1010	2770
16	1,535,000	6171	6029	12200	5	93,790	1640	1340	2980	1254	1726	5277	4303	9580	17	11.02	4	1540	0	1540	72	1020	2770
17	1,522,000	7671	4629	12300	5	93,790	1640	1320	2960	1731	1229	6150	3400	9550	18	11.02	4	1530	0	1530	73	1030	2750
18	1,508,000	8633	3667	12300	5	94,140	1640	1340	2980	2713	267	6020	3400	9420	19	10.76	4	1520	0	1520	73	1000	2700
19	1,489,000	9068	3332	12400	5	91,920	1630	1350	2980	2980	0	6218	3332	9550	20	10.90	4	1540	0	1540	72	1010	2770
20	1,476,000	9616	3084	12700	5	93,320	1640	1330	2970	2970	0	6396	3084	9480	21	10.97	4	1590	0	1590	73	1010	2780
21	1,458,000	9447	3553	13000	5	93,550	1650	1310	2960	2807	153	6270	3400	9670	22	11.02	4	1600	0	1600	73	1010	2780
22	1,445,000	8949	4151	13100	5	94,720	1660	1310	2970	2219	751	6180	3400	9580	23	11.00	4	1600	0	1600	73	1010	2770
23	1,431,000	9298	3602	12900	5	95,790	1670	1320	2990	2788	202	6120	3400	9520	24	10.91	4	1590	0	1590	73	1010	2780
24	1,412,000	9898	3102	13000	5	94,490	1670	1320	2990	2990	0	6538	3102	9640	25	10.97	4	1600	0	1600	73	1010	2800
25	1,397,000	10020	3080	13100	5	95,430	1680	1320	3000	3000	0	6590	3080	9670	26	11.00	4	1600	0	1600	73	1010	2820
26	1,380,000	9925	3075	13000	5	95,910	1690	1320	3010	3010	0	6595	3075	9670	27	11.03	4	1610	0	1610	72	1010	2840
27	1,364,000	9906	3094	13000	5	96,150	1700	1290	2990	2990	0	6666	3094	9760	28	11.06	4	1600	0	1600	72	1010	2830
28	1,347,000	9051	3749	12800	5	96,270	1700	1280	2980	2631	349	6240	3400	9640	29	11.00	4	1580	0	1580	72	990	2820
29	1,333,000	8897	3803	12700	5	96,390	1700	1310	3010	2607	403	6180	3400	9580	30	11.00	4	1590	0	1590	72	980	2820
30	1,317,000	9506	3194	12700	5	96,870	1660	1300	2960	2960	0	6356	3194	9550	31	10.99	4	1600	0	1600	72	1000	2820
31	1,302,000	9430	3170	12600	5	96,390	1640	1300	2940	2940	0	6220	3170	9390	AUG. 1	10.94	4	1610	0	1610	72	1010	2830
AUG. 1	1,288,000	9420	3180	12600	5	96,150	1640	1300	2940	2940	0	6300	3180	9480	2	10.98	4	1610	0	1610	72	1010	2840
2	1,275,000	9411	3189	12600	5	96,150	1570	1290	2860	2860	0	6261	3189	9450	3	11.02	4	1610	0	1610	71	1020	2860
3	1,261,000	9418	3182	12600	5	96,390	1530	1270	2800	2800	0	6298	3182	9480	4	11.01	4	1610	0	1610	71	1020	2870
4	1,247,000	8253	4047	12300	5	96,150	1540	1220	2760	2113	647	6080	3400	9480	5	11.03	4	1600	0	1600	71	1020	2840
5	1,238,000	7524	4476	12000	5	95,790	1530	1170	2700	1624	1076	5990	3400	9390	6	10.96	4	1600	0	1600	71	1000	2740
6	1,225,000	8366	3534	11900	5	95,180	1530	1160	2690	2556	134	5900	3400	9300	7	10.85	4	1590	0	1590	70	990	2650
7	1,209,000	8746	3154	11900	5	93,550	1520	1190	2710	2710	0	6236	3154	9390	8	10.98	4	1610	0	1610	70	1010	2700
8	1,197,000	8959	3141	12100	5	94,490	1520	1220	2740	2740	0	6099	3141	9240	9	10.84	4	1590	0	1590	69	980	2640
9	1,181,000	9145	3155	12300	5	94,370	1520	1260	2780	2780	0	6025	3155	9180	10	10.77	4	1600	0	1600	69	980	2650
10	1,167,000	9425	3175	12600	5	94,490	1520	1280	2800	2800	0	6155	3175	9330	11	10.86	4	1610	0	1610	69	1000	2680
11	1,150,000	9415	3185	12600	5	95,430	1520	1300	2820	2820	0	6085	3185	9270	12	10.81	4	1600	0	1600	69	980	2660
12	1,135,000	9388	3212	12600	5	96,510	1530	1320	2850	2850	0	6028	3212	9240	13	10.81	4	1610	0	1610	69	980	2660
13	1,122,000	9047	3253	12300	5	96,990	1570	1320	2890	2890	0	6267	3253	9520	14	10.79	4	1570	0	1570	69	980	2640
14	1,104,000	8756	3244	12000	5	95,910	1590	1300	2890	2890	0	6486	3244	9730	15	10.96	4	1540	0	1540	69	990	2700
15	1,093,000	8651	3249	11900	5	94,950	1590	1300	2890	2890	0	6331	3249	9580	16	10.99	4	1540	0	1540	68	1000	2720
16	1,079,000	8871	3229	12100	5	94,490	1580	1290	2870	2870	0	6221	3229	9450	17	10.98	4	1530	0	1530	68	1000	2710
17	1,063,000	9131	3169	12300	5	94,720	1580	1290	2870	2870	0	6251	3169	9420	18	11.00	4	1530	0	1530	69	1000	2720
18	1,048,000	9025	3175	12200	5	94,490	1580	1280	2860	2860	0	6245	3175	9420	19	10.95	4	1520	0	1520	69	990	2700
19	1,030,000	9038	3162	12200	5	94,250	1570	1270	2840	2840	0	6288	3162	9450	20	10.97	4	1490	0	1490	68	990	2710
20	1,014,000	9361	3139	12500	5	94,490	1570	1260	2830	2830	0	6311	3139	9450	21	11.02	4	1460	0	1460	68	990	2720
21	997,000	9447	3153	12600	5	95,180	1580	1270	2850	2850	0	6207	3153	9360	22	11.00	4	1470	0	1470	68	990	2720

AGING STATIONS 1952

PLATE NO. 12

S	SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	INDIVIDUAL STORED DIVERSIONS MINIDOKA TO MILNER	GOODING PROJECT			NORTH SIDE CANAL COMPANY						TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
ORMAL	STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
			11700	JULY 4	10.99				1290	68	950	2620	3638					3590			166			1490
2980	607	8843	9450	5	10.88		0	1280	1280	66	940	2690	3696	0	3696	0	3570	3570	0	175	175	326	122	448
2726	2642	6318	8960	6	10.81		1300	0	1300	68	950	2700	3718	718	3000	282	3318	3600	180	0	180	389	0	389
1726	3992	5278	9270	7	11.02		1400	0	1400	68	1000	2720	3788	1510	2278	690	3000	3690	180	0	180	392	0	392
2726	5538	3852	9390	8	11.03	4	1440	0	1440	68	1010	2710	3788	2936	852	710	3000	3710	180	0	180	389	0	389
409	6050	3400	9450	9	11.02	4	1450	0	1450	68	1000	2760	3828	3428	400	690	3000	3690	198	0	198	402	0	402
0	6195	3255	9450	10	11.00	4	1510	0	1510	74	1010	2760	3844	3461	383	768	2872	3640	198	0	198	441	0	441
31	6080	3400	9480	11	11.02	4	1550	0	1550	74	1020	2740	3834	3434	400	670	3000	3670	198	0	198	379	0	379
0	6263	3217	9480	12	11.00	4	1590	0	1590	74	1020	2720	3814	3436	378	851	2839	3690	198	0	198	376	0	376
0	6175	3305	9480	13	11.01	4	1550	0	1550	74	1010	2720	3804	3416	388	853	2917	3770	198	0	198	386	0	386
0	6398	3052	9450	14	11.03	4	1540	0	1540	73	1000	2720	3793	3434	359	1077	2693	3770	198	0	198	435	0	435
476	6050	3400	9450	15	10.99	4	1530	0	1530	73	1010	2740	3823	3423	400	770	3000	3770	198	0	198	445	0	445
726	5214	4306	9520	16	11.01	4	1530	0	1530	73	1010	2770	3853	2547	1306	760	3000	3760	198	0	198	415	0	415
726	5277	4303	9580	17	11.02	4	1540	0	1540	72	1020	2770	3862	2559	1303	630	3000	3630	198	0	198	579	0	579
29	6150	3400	9550	18	11.02	4	1530	0	1530	73	1030	2750	3853	3453	400	790	3000	3790	198	0	198	452	0	452
87	6020	3400	9420	19	10.76	4	1520	0	1520	73	1000	2700	3773	3373	400	780	3000	3780	198	0	198	408	0	408
0	6218	3332	9550	20	10.90	4	1540	0	1540	72	1010	2770	3852	3460	392	850	2940	3790	198	0	198	418	0	418
0	6396	3084	9480	21	10.97	4	1590	0	1590	73	1010	2780	3863	3500	363	1039	2721	3760	198	0	198	405	0	405
63	6270	3400	9670	22	11.02	4	1600	0	1600	73	1010	2780	3863	3463	400	750	3000	3750	198	0	198	469	0	469
61	6180	3400	9580	23	11.00	4	1600	0	1600	73	1010	2770	3853	3453	400	720	3000	3720	218	0	218	402	0	402
02	6120	3400	9520	24	10.91	4	1590	0	1590	73	1010	2780	3863	3463	400	710	3000	3710	218	0	218	399	0	399
0	6538	3102	9640	25	10.97	4	1600	0	1600	73	1010	2800	3883	3518	365	973	2737	3710	218	0	218	399	0	399
0	6590	3080	9670	26	11.00	4	1600	0	1600	73	1010	2820	3903	3540	363	983	2717	3700	218	0	218	402	0	402
0	6595	3075	9670	27	11.03	4	1610	0	1610	72	1010	2840	3922	3560	362	997	2713	3710	218	0	218	501	0	501
0	6666	3094	9760	28	11.06	4	1600	0	1600	72	1010	2830	3912	3548	364	960	2730	3690	218	0	218	780	0	780
9	6240	3400	9640	29	11.00	4	1580	0	1580	72	990	2820	3882	3482	400	730	3000	3730	218	0	218	615	0	615
	6180	3400	9580	30	11.00	4	1590	0	1590	72	980	2820	3872	3472	400	760	3000	3760	218	0	218	428	0	428
	6356	3194	9550	31	10.99	4	1600	0	1600	72	1000	2820	3892	3516	376	872	2818	3690	218	0	218	499	0	499
	6220	3170	9390	AUG. 1	10.94	4	1610	0	1610	72	1010	2830	3912	3539	373	963	2797	3760	193	0	193	412	0	412
	6300	3180	9480	2	10.98	4	1610	0	1610	72	1010	2840	3922	3548	374	954	2806	3760	193	0	193	418	0	418
	6261	3189	9450	3	11.02	4	1610	0	1610	71	1020	2860	3951	3576	375	956	2814	3770	193	0	193	412	0	412
	6298	3182	9480	4	11.01	4	1610	0	1610	71	1020	2870	3961	3587	374	942	2808	3750	193	0	193	445	0	445
	6080	3400	9480	5	11.03	4	1600	0	1600	71	1020	2840	3931	3531	400	750	3000	3750	193	0	193	602	0	602
	5990	3400	9390	6	10.96	4	1600	0	1600	71	1000	2740	3811	3411	400	730	3000	3730	193	0	193	408	0	408
	5900	3400	9300	7	10.88	4	1590	0	1590	70	990	2690	3750	3350	400	730	3000	3730	193	0	193	399	0	399
	6236	3154	9390	8	10.98	4	1610	0	1610	70	1010	2700	3780	3409	371	977	2783	3760	193	0	193	395	0	395
	6099	3141	9240	9	10.94	4	1590	0	1590	69	980	2640	3689	3319	370	979	2771	3750	193	0	193	396	0	396
	6025	3155	9180	10	10.77	4	1600	0	1600	69	980	2650	3699	3328	371	966	2784	3750	192	0	192	392	0	392
	6155	3175	9330	11	10.86	4	1610	0	1610	69	1000	2680	3749	3375	374	959	2801	3760	192	0	192	395	0	395
	6085	3185	9270	12	10.81	4	1600	0	1600	69	980	2660	3709	3334	375	940	2810	3750	192	0	192	395	0	395
	6028	3212	9240	13	10.81	4	1610	0	1610	69	980	2660	3709	3331	378	936	2834	3770	192	0	192	392	0	392
	6267	3253	9520	14	10.79	4	1570	0	1570	69	980	2640	3689	3307	382	899	2871	3770	192	0	192	392	0	392
	6486	3244	9730	15	10.96	4	1540	0	1540	69	990	2700	3759	3378	381	907	2863	3770	192	0	192	395	0	395
	6331	3249	9580	16	10.98	4	1540	0	1540	68	1000	2720	3788	3406	382	903	2867	3770	192	0	192	395	0	395
	6221	3229	9450	17	10.98	4	1530	0	1530	68	1000	2710	3778	3398	380	901	2849	3750	190	0	190	395	0	395
	6251	3169	9420	18	11.00	4	1530	0	1530	69	1000	2720	3789	3416	373	934	2796	3730	188	0	188	395	0	395
	6245	3175	9420	19	10.95	4	1520	0	1520	68	990	2700	3758	3385	373	928	2802	3730	190	0	190	395	0	395
	6288	3162	9450	20	10.97	4	1490	0	1490	68	990	2710	3768	3396	372	940	2790	3730	190	0	190	396	0	396
	6311	3139	9450	21	11.02	4	1460	0	1460	68	990	2720	3778	3409	369	960	2770	3730	190	0	190	395	0	395
	6207	3153	9360	22	11.00	4	1470	0	1470	68	990	2720	3778	3407	371	918	2782	3700	190	0	190	333	0	333

DAILY SEGREGATION OF

DATE	JACKSON LAKE CONTENTS ACRE-FEET	SNAKE RIVER AT MORAN			MORAN TO HEISE	
		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSION
AUG. 18	524,680	3800	870	4670	95	4
19	517,470	3830	850	4680	96	4
20	510,040	3850	850	4700	97	4
21	502,400	3933	907	4840	98	4
22	494,550	3860	930	4790	97	4
23	487,160	3610	930	4540	90	4
24	480,260	3500	930	4430	88	4
25	474,070	3350	930	4280	84	4
26	467,430	3370	930	4300	84	4
27	460,550	3570	930	4500	89	4
28	451,910	3750	930	4680	94	4
29	445,320	3870	930	4800	97	4
30	437,810	3850	930	4780	96	4
31	429,920	3860	930	4790	97	4
SEPT. 1	422,030	3820	980	4800	96	
2	414,590	3700	980	4680	93	
3	406,990	3690	980	4670	93	
4	398,940	3810	980	4790	95	
5	391,790	3920	980	4900	98	
6	384,040	4000	980	4980	100	
7	375,400	4160	980	5140	104	
8	368,120	4130	980	5110	103	
9	359,780	4210	980	5190	105	
10	351,230	4099	1071	5170	102	
11	343,610	3730	940	4670	93	
12	336,230	2910	940	3850	73	
13	331,030	1580	940	2520	40	
14	327,990	260	940	1200	6	
15	327,340	46	821	867	1	
16	326,910	45	695	740	1	
17	326,480	118	550	668	3	
18	326,260	960	550	1510	24	
19	322,610	1960	550	2510	49	
20	318,970	1850	550	2400	46	
21	315,320	1950	550	2500	49	
22	311,450	1990	550	2540	50	
23	307,590	2090	550	2640	52	
24	303,540	2020	550	2570	51	
25	299,300	2260	550	2810	56	
26	294,840	2400	550	2950	60	
27	289,540	2140	550	2690	53	
28	286,150	1840	550	2390	46	
29	282,560	1044	556	1600	26	
30	281,730	0	39	39	0	
TOTAL		285,621			7,139	255

DATE	HEISE & RILEY			STORAGE INFLOW HEISE TO SHELLEY		STORAGE LOSS HEISE TO SHELLEY	DIVERSIONS HEISE TO SHELLEY		
	STORED	NORMAL	TOTAL	MARKET LAKE	HENRYS FORK NEAR REXBURG		STORED	NORMAL	TOTAL
AUG. 19	3701	4957	8658	9	-197	181	975	6417	7392
20	3730	4915	8645	9	-240	182	986	6417	7403
21	3749	4838	8587	9	-183	183	955	6375	7330
22	3831	4816	8647	9	-213	187	981	6269	7250
23	3759	4829	8588	9	-212	184	936	6411	7347
24	3516	4939	8455	9	-186	172	853	6301	7154
25	3408	4965	8373	9	-174	166	847	6318	7165
26	3262	4871	8133	9	-164	159	888	6130	7018
27	3282	4771	8053	8	-129	160	977	6258	7235
28	3477	4746	8223	8	-149	169	1163	6289	7452
29	3652	4668	8320	8	-126	178	1173	6280	7453
30	3769	4630	8399	8	-117	184	1218	6240	7458
31	3750	4606	8356	8	-192	183	1231	6197	7428
SEPT. 1	3759	4596	8355	9	-253	183	1149	6119	7268
2	3724	4648	8372	9	-229	182	1052	6039	7091
3	3607	4614	8221	9	-222	176	1014	6025	7039
4	3597	4527	8124	9	-240	176	1034	5997	7031
5	3715	4499	8214	8	-474	181	1054	6046	7100
6	3822	4490	8312	8	-445	186	1207	6100	7307
7	3900	4448	8348	8	-453	190	1272	6085	7357
8	4056	4410	8466	8	-399	198	1331	6104	7435
9	4027	4359	8386	8	-318	196	1424	6109	7533
10	4105	4281	8386	8	-283	200	1488	6133	7621
11	3997	4467	8464	9	-251	195	1350	6107	7457
12	3637	4716	8353	9	-99	178	971	6130	7101
13	2837	4900	7737	9	105	138	717	6102	6819
14	1540	5350	6890	9	134	75	555	5659	6214
15	254	5171	5425	9	-43	12	340	5208	5548
16	45	4736	4781	8	-107	2	327	5101	5428
17	44	4477	4521	0	-87	2	0	5322	5322
18	115	4186	4301	0	151	6	0	5280	5280
19	936	3245	4181	0	156	46	0	5182	5182
20	1911	3764	5675	0	146	93	29	5473	5502
21	1804	3872	5676	7	141	88	621	5068	5689
22	1901	3855	5756	7	-269	93	706	5021	5727
23	1940	3816	5756	7	-527	95	686	5088	5774
24	2038	3798	5836	7	-494	100	607	5197	5804
25	1969	3867	5836	7	-340	96	590	5333	5923
26	2204	3632	5836	7	-123	107	589	5404	5993
27	2340	3686	6026	7	-121	114	582	5402	5984
28	2087	3889	5976	7	-121	102	582	5402	5984
29	1794	3822	5616	7	-121	88	582	5402	5984
30	1018	4488	5506	7	-121	50	582	5402	5984
	278,227			681	-11,417	13,570	109,634		

DATE	SNAKE RIVER NEAR SHELLEY		
	STORED	NORMAL	TOTAL
AUG. 20	2357	1353	3710
21	2331	1469	3800
22	2437	1463	3900
23	2459	1541	4000
24	2436	1664	4100
25	2314	1636	3950
26	2230	1640	3870
27	2060	1690	3750
28	2024	1526	3550
29	2004	1616	3620
30	2183	1407	3590
31	2258	1542	3800
SEPT. 1	2152	1768	3920
2	2183	1717	3900
3	2270	1480	3750
4	2204	1366	3570
5	2156	1324	3480
6	2014	1356	3370
7	1992	1468	3460
8	1993	1487	3480
9	2136	1194	3330
10	2097	1273	3370
11	2142	1568	3710
12	2210	2010	4220
13	2398	2322	4720
14	2096	2454	4550
15	1053	3117	4170
16	-132	3302	3170
17	-383	2903	2520
18	-45	2205	2160
19	260	1570	1830
20	1046	634	1680
21	1935	385	2320
22	1243	1427	2670
23	840	1720	2560
24	639	1651	2290
25	844	1526	2370
26	950	1560	2510
27	1392	1548	2940
28	1530	1780	3310
29	1289	2191	3480
30	1010	2410	3420
	144,015		

GATION OF DATA AT AND BETWEEN SNAKE

24 HOUR SECOND-FEET EXCEPT AS NOTED

SIONS SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY			DIVERSIONS SHELLEY TO BLACKFOOT			STORAGE LOSS SHELLEY TO BLACKFOOT	THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			CALCULATED INFLOW BLACKFOOT TO NEELEY	DATE	AMERICAN FALLS RESERVOIR CONTENTS ACRE-FEET	SNAKE RIVER AT NEELEY			STORED DIVERSIONS NEELEY TO WALCOTT
MAL	TOTAL		STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL	
117	7392	AUG. 20	2357	1353	3710	1497	1615	3112	52	808	AUG. 21	68	822	258	1080	2885	AUG. 22	990,000	9357	3143	12500	5
117	7403	21	2331	1469	3800	1485	1592	3077	51	795	22	60	860	250	1110	2928	23	964,000	8922	3178	12100	5
175	7330	22	2437	1463	3900	1457	1668	3125	59	921	23	51	919	241	1160	2896	24	949,000	8463	3137	11600	5
59	7250	23	2459	1541	4000	1508	1634	3142	57	894	24	55	1037	243	1260	2889	25	932,000	8268	3132	11400	5
11	7347	24	2436	1664	4100	1443	1655	3098	60	933	25	60	1100	250	1350	2891	26	921,000	8159	3141	11300	5
01	7154	25	2314	1636	3950	1429	1657	3086	53	832	26	56	954	246	1200	2885	27	905,000	8369	3131	11500	2
18	7165	26	2230	1640	3870	1573	1524	3097	39	618	27	60	1000	250	1250	2880	28	891,000	8470	3130	11600	
30	7018	27	2060	1690	3750	1560	1530	3090	30	470	28	65	765	255	1020	2867	29	876,000	8478	3122	11600	
58	7235	28	2024	1526	3550	1565	1467	3032	28	431	29	65	571	255	826	2874	30	856,000	8771	3129	11900	
89	7452	29	2004	1616	3620	1645	1494	3139	22	337	30	64	502	254	756	2860	31	842,000	8986	3114	12100	
80	7453	30	2183	1407	3590	1635	1519	3154	33	515	31	56	654	246	900	2864	SEPT. 1	829,000	8690	3110	11800	
40	7458	31	2258	1542	3800	1600	1582	3182	39	619	SEPT. 1	59	861	249	1110	2866	2	813,000	8285	3115	11400	
97	7428	SEPT. 1	2152	1768	3920	1603	1567	3170	33	516	2	58	812	248	1060	2867	3	799,000	7885	3115	11000	
19	7268	2	2183	1717	3900	1613	1573	3186	34	536	3	68	802	258	1060	2863	4	785,000	7479	3121	10600	
39	7091	3	2270	1480	3750	1583	1465	3048	41	646	4	60	810	250	1060	2871	5	774,000	7279	3121	10400	
25	7039	4	2204	1366	3570	1577	1400	2977	38	589	5	43	687	233	920	2870	6	762,000	6997	3103	10100	
97	7031	5	2156	1324	3480	1585	1394	2979	34	537	6	38	612	228	840	2861	7	750,000	6751	3089	9840	
46	7100	6	2014	1356	3370	1545	1331	2876	28	441	7	40	620	230	850	2892	8	739,000	6578	3122	9700	
00	7307	7	1992	1468	3460	1540	1396	2936	27	425	8	46	620	236	856	2866	9	727,000	6508	3102	9610	
85	7357	8	1993	1487	3480	1477	1418	2895	31	485	9	43	735	233	968	2840	10	715,000	6677	3073	9750	
04	7435	9	2136	1194	3330	1492	1212	2704	39	605	10	41	689	231	920	2854	11	706,000	6665	3085	9750	
09	7533	10	2097	1273	3370	1395	1241	2636	42	660	11	60	660	500	1160	2866	12	693,000	6424	3366	9790	
33	7621	11	2142	1568	3710	1376	1238	2614	46	720	12	130	720	1120	1840	2882	13	684,000	5838	4002	9840	
07	7457	12	2210	2010	4220	1266	1055	2321	56	888	13	167	888	1712	2600	2899	14	679,000	4949	4511	9460	
30	7101	13	2398	2322	4720	541	1746	2287	111	1746	14	186	1746	1354	3100	2908	15	673,000	4058	4262	8320	
02	6819	14	2096	2454	4550	91	2051	2142	120	1885	15	317	1885	995	2880	2910	16	669,000	3225	3905	7130	
89	6214	15	1053	3117	4170	0	2119	2119	63	990	16	320	990	1280	2270	2909	17	665,000	2771	4189	6960	
08	5548	16	-132	3302	3170	0	2013	2013	-8	-124	17	262	-124	1644	1520	2907	18	660,000	2449	4551	7000	
01	5428	17	-383	2903	2520	0	1939	1939	-23	-360	18	102	-360	1304	944	2896	19	654,000	3540	4200	7740	
22	5322	18	-45	2205	2160	0	1886	1886	-3	-42	19	40	-42	623	581	2888	20	647,000	4319	3511	7830	
80	5280	19	260	1570	1830	0	1871	1871	16	244	20	35	125	225	350	2893	21	639,000	4712	3118	7830	
82	5182	20	1046	634	1680	0	1916	1916	63	983	21	25	55	215	270	2892	22	630,000	4543	3107	7650	
73	5502	21	1935	385	2320	1162	834	1996	46	727	22	20	212	210	422	2888	23	622,000	4242	3098	7340	
68	5689	22	1243	1427	2670	1200	988	2188	2	41	23	27	41	561	602	2871	24	615,000	3398	3432	6830	
21	5727	23	840	1720	2560	1147	989	2136	-18	-289	24	41	-289	912	623	2866	25	609,000	2832	3778	6610	
88	5774	24	639	1651	2290	1084	993	2077	-27	-418	25	22	-418	894	476	2864	26	603,000	2852	3758	6610	
87	5804	25	844	1526	2370	1062	1041	2103	-13	-205	26	35	-205	753	548	2864	27	596,000	2993	3617	6610	
33	5923	26	950	1560	2510	1018	1018	2036	-4	-64	27	53	-64	827	763	2867	28	591,000	2836	3694	6530	
04	5993	27	1392	1548	2940	985	1004	1989	24	383	28	74	383	877	1260	2870	29	587,000	2743	3747	6490	
02	5984	28	1530	1780	3310	917	926	1843	37	576	29	80	576	1104	1680	2873	30	583,000	3113	3977	7090	
02	5984	29	1289	2191	3480	920	926	1846	22	347	30	81	347	1503	1850	2880						
02	5984	30	1010	2410	3420	876	924	1800	8	126												
02	5984																					
			144,015			65,548			4,710	73,757			73,631						653,531			

EEN SNAKE RIVER GAGING STATIONS 1952

-FEET EXCEPT AS NOTED

DATE	AMERICAN FALLS RESERVOIR CONTENTS ACRE-FEET	SNAKE RIVER AT NEELEY			STORED DIVERSIONS NEELEY TO WALCOTT	LAKE WALCOTT CONTENTS ACRE-FEET	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	INDIVIDUAL STORED DIVERSIONS MINIDOKA TO MILNER	GOODING PROJECT			NORTH SIDE CANA			
		STORED	NORMAL	TOTAL			NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL				STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL
AUG. 22	980,000	9357	3143	12500	5	96,150	1590	1260	2850	2850	0	6067	3143	9210	AUG. 23	10.95	4	1480	0	1480	68	1000	2740	3808
23	964,000	8922	3178	12100	5	96,510	1530	1250	2780	2780	0	6062	3178	9240	24	11.08	4	1490	0	1490	68	980	2760	3808
24	949,000	8463	3137	11600	5	96,510	1500	1230	2730	2730	0	6073	3137	9210	25	11.00	4	1480	0	1480	68	1010	2730	3808
25	932,000	8268	3132	11400	5	94,950	1480	1200	2680	2680	0	6198	3132	9330	26	11.01	4	1480	0	1480	68	1020	2720	3808
26	921,000	8159	3141	11300	5	94,250	1480	1210	2690	2690	0	5909	3141	9050	27	10.93	4	1480	0	1480	68	1020	2640	3728
27	905,000	8369	3131	11500	2	93,790	1420	1230	2650	2650	0	5769	3131	8900	28	10.88	4	1470	0	1470	68	1010	2640	3718
28	891,000	8470	3130	11600		94,250	1380	1240	2620	2620	0	5740	3130	8870	29	10.79	4	1440	0	1440	68	980	2640	368
29	876,000	8478	3122	11600		94,140	1360	1240	2620	2620	0	5838	3122	8960	30	10.58	4	1450	0	1450	68	930	2620	361
30	856,000	8771	3129	11900		92,620	1380	1220	2600	2600	0	6261	3129	9390	31	10.76	4	1470	0	1470	67	940	2670	367
31	842,000	8986	3114	12100		93,790	1380	1200	2580	2580	0	6096	3114	9210	SEPT. 1	11.04	4	1440	0	1440	67	960	2630	365
SEPT. 1	829,000	8690	3110	11800		95,790	1390	1170	2560	2560	0	5910	3110	9020	2	11.01	3	1410	0	1410	66	960	2600	362
2	813,000	8285	3115	11400		96,150	1340	1140	2480	2480	0	5695	3115	8810	3	11.05		1410	0	1410	66	980	2610	36
3	799,000	7885	3115	11000		96,870	1290	1110	2400	2400	0	5575	3115	8690	4	11.06		1410	0	1410	66	980	2580	36
4	785,000	7479	3121	10600		96,630	1230	1080	2310	2310	0	5419	3121	8540	5	10.98		1410	0	1410	66	970	2560	35
5	774,000	7279	3121	10400		95,670	1200	1070	2270	2270	0	5269	3121	8390	6	11.00		1370	0	1370	65	940	2490	34
6	762,000	6997	3103	10100		96,150	1130	1030	2160	2160	0	5137	3103	8240	7	10.93		1310	0	1310	65	910	2450	34
7	750,000	6751	3089	9840		94,720	1080	951	2031	2031	0	4971	3089	8060	8	11.03		1300	0	1300	65	920	2470	34
8	739,000	6578	3122	9700		94,600	1080	917	1997	1997	0	4938	3122	8060	9	11.04		1290	0	1290	62	920	2390	33
9	727,000	6508	3102	9610		94,140	1080	932	2012	2012	0	4778	3102	7880	10	11.02		1290	0	1290	61	930	2340	33
10	715,000	6677	3073	9750		94,020	1080	951	2031	2031	0	4627	3073	7700	11	11.02		1300	0	1300	60	930	2310	3
11	706,000	6665	3085	9750		94,720	999	951	1950	1950	0	4415	3085	7500	12	11.00		1290	0	1290	61	930	2230	3
12	693,000	6424	3366	9790		94,020	944	948	1892	1892	0	4074	3366	7440	13	11.06		1290	0	1290	61	940	2250	3
13	684,000	5838	4002	9840		94,950	857	948	1805	1203	602	4130	3400	7530	14	11.07		1300	0	1300	61	930	2200	3
14	679,000	4849	4611	9460		96,390	822	850	1672	461	1211	3810	3400	7210	15	11.04		1240	0	1240	61	920	2100	3
15	673,000	4058	4262	8320		98,080	822	681	1503	581	922	3560	3340	6900	16	10.97		1230	0	1230	59	920	1510	
16	669,000	3225	3905	7130		97,110	820	635	1455	700	755	3450	3150	6600	17	10.98		1230	0	1230	60	920	1660	
17	665,000	2771	4189	6960		95,180	740	632	1372	253	1119	3340	3070	6410	18	10.97		1230	0	1230	60	920	1760	
18	660,000	2449	4551	7000		94,250	690	637	1327	0	1327	2976	3224	6200	19	10.90		1230	0	1230	60	910	1680	
19	654,000	3540	4200	7740		93,900	716	640	1356	176	1180	3060	3020	6080	20	10.90		1180	0	1180	60	900	1680	
20	647,000	4319	3511	7830		94,720	738	643	1381	730	651	3190	2860	6050	21	10.94		1170	0	1170	62	900	1690	
21	639,000	4712	3118	7830		95,670	776	646	1422	964	458	3290	2660	5950	22	10.99		1180	0	1180	60	900	1530	
22	630,000	4543	3107	7650		96,150	831	648	1479	962	517	3190	2590	5780	23	11.03		1180	0	1180	59	890	1460	
23	622,000	4242	3098	7340		96,390	855	651	1506	988	518	3060	2580	5640	24	10.97		1170	0	1170	61	890	1350	
24	615,000	3398	3432	6830		97,110	855	698	1553	661	892	2900	2540	5440	25	10.99		1170	0	1170	59	890	1340	
25	609,000	2832	3778	6610		96,390	853	757	1610	312	1298	2870	2480	5350	26	11.00		1180	0	1180	45	900	1340	
26	603,000	2852	3758	6610		95,910	912	838	1750	472	1278	2890	2480	5370	27	10.96		1180	0	1180	0	900	1340	
27	596,000	2993	3617	6610		94,020	956	877	1833	696	1137	2960	2480	5440	28	11.04		1160	0	1160	0	900	1340	
28	591,000	2836	3694	6530		93,320	953	838	1791	577	1214	2960	2480	5440	29	11.02		840	0	840	0	640	1470	
29	587,000	2743	3747	6490		92,620	949	794	1743	476	1267	2890	2480	5370	30	11.02		0	0	0	0	0	1690	
30	583,000	3113	3977	7090		91,920	946	794	1740	243	1497	2850	2480	5330										
		653,531			252					186,321		469,481					227	124,210						

PLATE NO. 13

NG STATIONS 1952

KE RIVER R MINIDOKA		DATE	MILNER LAKE GAGE FEET	INDIVIDUAL STORED DIVERSIONS MINIDOKA TO MILNER	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
3143	9210	AUG. 23	10.95	4	1480	0	1480	68	1000	2740	3808	3438	370	927	2773	3700	190	0	190	222	0	222
3178	9240	24	11.08	4	1490	0	1490	68	980	2760	3808	3434	374	886	2804	3690	193	0	193	345	0	345
3137	9210	25	11.00	4	1480	0	1480	68	1010	2730	3808	3439	369	922	2768	3690	193	0	193	259	0	259
3132	9330	26	11.01	4	1480	0	1480	68	1020	2720	3808	3440	368	926	2764	3690	193	0	193	307	0	307
3141	9050	27	10.93	4	1480	0	1480	68	1020	2640	3728	3358	370	919	2771	3690	193	0	193	201	0	201
3151	8920	28	10.88	4	1470	0	1470	68	1010	2640	3718	3350	368	927	2763	3690	193	0	193	201	0	201
3150	8870	29	10.79	4	1440	0	1440	68	980	2640	3688	3320	368	928	2762	3690	193	0	193	197	0	197
3122	8960	30	10.58	4	1450	0	1450	68	930	2620	3618	3250	368	936	2754	3690	193	0	193	199	0	199
3125	9390	31	10.76	4	1470	0	1470	67	940	2670	3677	3309	368	929	2761	3690	194	0	194	199	0	199
3114	9210	SEPT. 1	11.04	4	1440	0	1440	67	960	2630	3657	3291	366	952	2748	3700	194	0	194	436	0	436
3110	9020	2	11.01	3	1410	0	1410	66	960	2600	3626	3260	366	966	2744	3710	194	0	194	465	0	465
3115	8810	3	11.05		1410	0	1410	66	980	2610	3656	3290	366	941	2749	3690	194	0	194	277	0	277
3115	8690	4	11.05		1410	0	1410	66	980	2580	3626	3260	366	891	2749	3640	194	0	194	364	0	364
3121	8540	5	10.98		1410	0	1410	66	970	2560	3596	3229	367	856	2754	3610	194	0	194	215	0	215
3121	8390	6	11.00		1370	0	1370	65	940	2490	3495	3128	367	746	2754	3500	196	0	196	307	0	307
3103	8240	7	10.93		1310	0	1310	65	910	2450	3425	3060	365	762	2738	3500	196	0	196	217	0	217
3089	8060	8	11.03		1300	0	1300	65	920	2470	3455	3091	364	805	2725	3530	196	0	196	137	0	137
3122	8060	9	11.04		1290	0	1290	62	920	2390	3372	3004	368	696	2754	3450	196	0	196	199	0	199
3102	7890	10	11.02		1290	0	1290	61	930	2340	3331	2966	365	663	2737	3400	192	0	192	136	0	136
3073	7700	11	11.02		1300	0	1300	60	930	2310	3300	2938	362	649	2711	3360	180	0	180	164	0	164
3085	7520	12	11.00		1250	0	1250	61	930	2230	3221	2858	363	558	2722	3280	180	0	180	101	0	101
3386	7440	13	11.06		1250	0	1250	61	940	2250	3251	2854	397	241	2969	3210	180	0	180	201	0	201
3400	7530	14	11.07		1300	0	1300	61	930	2200	3191	2791	400	90	3000	3090	175	0	175	490	0	490
3400	7210	15	11.04		1240	0	1240	61	920	2100	3081	2681	400	40	3000	3040	165	0	165	249	0	249
3340	6900	16	10.97		1250	0	1250	59	920	1910	2889	2489	400	0	2940	2940	165	0	165	132	0	132
3150	6600	17	10.98		1250	0	1250	60	920	1860	2840	2440	400	0	2750	2750	150	0	150	97	0	97
3070	6410	18	10.97		1230	0	1230	60	920	1760	2740	2340	400	0	2670	2670	150	0	150	97	0	97
3224	6200	19	10.90		1230	0	1230	60	910	1680	2650	2106	544	0	2680	2680	150	0	150	98	0	98
3080	6080	20	10.90		1180	0	1180	60	900	1680	2640	2240	400	0	2620	2620	150	0	150	98	0	98
2860	6050	21	10.94		1170	0	1170	62	900	1690	2652	2252	400	0	2480	2480	150	0	150	100	0	100
2860	5950	22	10.99		1180	0	1180	60	900	1530	2490	2090	400	0	2280	2280	140	0	140	100	0	100
2590	5780	23	11.05		1180	0	1180	59	890	1460	2409	2009	400	0	2190	2190	125	0	125	418	0	418
2580	5640	24	10.97		1170	0	1170	61	890	1350	2301	1901	400	0	2180	2180	125	0	125	128	0	123
2540	5440	25	10.99		1170	0	1170	59	890	1340	2289	1889	400	0	2140	2140	125	0	125	100	0	100
2460	5350	26	11.00		1180	0	1180	45	900	1340	2285	1885	400	0	2080	2080	125	0	125	98	0	98
2480	5370	27	10.96		1180	0	1180	0	900	1340	2240	1840	400	0	2080	2080	125	0	125	112	0	112
2460	5440	28	11.04		1160	0	1160	0	900	1340	2240	1840	400	0	2080	2080	125	0	125	425	0	425
2460	5440	29	11.02		840	0	840	0	640	1470	2110	1710	400	0	2080	2080	125	0	125	670	0	670
2480	5370	30	11.02		0	0	0	0	0	1690	1690	1290	400	0	2080	2080	123	0	123	2020	0	2020
2480	5830																					
				227	124,210							263,633		58,885			16,107			31,554		

CANAL	NO.	JULY																														
		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
SWAN VALLEY USERS	1	5	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	
POPLAR IRRIGATION DISTRICT	2					30	30	30	33	29	29	0	0	0	0	26	26	30	30	28	27	27	28	28	27	26	24	26	26	24	25	
PROGRESSIVE IRRIGATION DISTRICT	3				376	376	247	396	382	396	286	182	275	298	296	254	233	215	193	213	279	249	397	397	397	397	397	397	397	375	275	
FARMERS FRIEND	4				60	66	58	48	61	41	41	5	4	0	26	23	28	22	26	18	51	52	56	54	47	29	29	29	29	28	32	
ENTERPRISE	5				14	14	16	94	94	94	92	14	20	17	28	94	95	94	95	92	212	127	124	124	124	124	124	124	132	132	58	
MATTSON & CRAIG	6							16	8	8	7	1	0	0	0	5	5	0	6	8	3	3	3	5	5	5	8	4	2	2	2	
STEELE	7				9	9	9	9	6	0	0	0	0	5	5	8	0	0	6	6	5	5	4	0	0	0	0	0	4	4	4	
HARRISON	8				117	124	48	85	93	87	0	0	14	9	30	87	90	85	85	83	86	83	87	90	69	12	81	62	60	71	83	
RUDY	9				28	76	111	105	109	105	79	74	72	83	69	90	94	89	85	98	96	96	97	92	91	96	86	94	90	91	93	
BURGESS	10				192	165	165	154	156	156	165	116	120	102	111	102	107	120	120	115	271	280	289	271	271	276	260	260	183	178		
BUTLER ISLAND	11					2	3	2	2	2	3	2	2	2	3	3	2	2	2	1	1	1	1	1	1	1	2	2	2	2	3	
CLARK & EDWARDS	12				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
LOWDER	13																															
SUNNYDELL	14					94	68	104	111	113	18	0	0	0	0	60	78	49	52	44	74	77	91	91	70	67	67	61	-66	75	74	
LENROOT	15					22	39	133	129	77	48	0	0	0	0	60	80	45	71	83	86	95	111	105	101	95	77	71	71	52	45	
REID	16				11	11	15	57	45	43	6	7	0	5	0	12	25	7	5	1	10	17	32	32	13	0	0	0	13	2	7	
HILL PETTINGER	17					5	5	5	5	5	5	2	2	2	2	5	5	5	4	4	5	6	3	3	4	4	4	1	3	1	0	
MISCELLANEOUS	18				5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
RIGBY	19				2	6	14	11	9	6	9	4	7	17	13	11	6	6	7	5	14	2	13	15	9	18	22	15	19	8	8	
DILTS	20																															
PARKS & LEWISVILLE	21				6	46	49	30	30	31	0	12	27	24	31	31	28	3	33	30	37	0	35	30	4	37	33	12	8	17		
WHITE	22					0	4	2	4	3	5	4	4	3	3	0																
BUTTE & MARKET LAKE	23						27	30	47	53	45	31	31	31	48	45	22	31	36	9	43	36	36	36	30	0						
OSGOOD	24					9	113	117	117	119	119	19	20	21	20	120	120	120	122	118	114	115	115	117	117	117	116	115	115	112		
BEAR ISLAND	25				1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	4	0	4	4	0	4	5	4	4	5		
SMITH PUMP	26				2	2	2	1	2	2	1	1	0	0	0	0	1	1	1	2	2	2	0	1	0	2	2	1	1	2		
KENNEDY	27					23	24	20	16	16	16	17	17	16	11	12	11	11	8	11	13	15	15	15	17	18	17	17	15	12		
KELLAR	28									1	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0					
IDAHO	29				170	310	320	350	320	230	260	260	290	310	320	320	320	80	260	260	260	260	260	330	330	350	330	330	330	330		
MARTIN	30				20	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35		
NEW SWEDEN DISTRICT	31				303	330	325	331	350	352	314	322	299	332	333	329	324	303	312	290	301	302	306	298	296	303	301	298	295	280		
WOODVILLE	32						24	28	21	22	12	0			0	17	20	26	24	19	17	6	13	12	11	10	0	0	10	11		
SNAKE RIVER VALLEY	33					166	140	98	540	125	54	110	134	119	129	544	479	462	460	487	489	504	523	548	489	481	508	510	500	422		
TOTAL HEISE TO SHELLEY	34				1319	1918	1898	2298	2732	2158	1654	1216	1380	1438	1518	2300	2241	1849	2088	2064	2540	2492	2684	2735	2555	2524	2523	2494	2264	2285		
RESERVATION	35																															
BLACKFOOT	36				59	33	17	0	35	94	186	47	18	31	2	27	22	24	0				0	52	53	10	0					
NEW LAVA SIDE	37				10	9	24	6	18	16	11	11	8	3	26	0	0	0	11	8	6	18	18	13	18	21	20	10	13	0		
PEOPLES	38				161	182	188	172	208	172	177	177	166	148	138	185	174	161	164	156	151	161	161	161	169	169	174	169	161	174		
ABERDEEN	39				90	100	100	90	120	120	120	120	110	110	120	120	120	130	110	100	110	610	610	860	860	485	235	235	370	620		
CORBETT	40																															
TREGO	41								16	12	15	18	24	13	7	11	12	13	7	7	7	15	9	6	4	14	6	8	7	8		
MISCELLANEOUS	42								1	1	1																					
TOTAL SHELLEY TO BLACKFOOT	43				320	324	329	268	398	415	510	373	326	305	293	343	328	328	292	271	274	804	798	1092	1104	699	435	422	551	802		
THORNTON & ROBSON	44					5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
MINIDOKA PROJECT	45	0	234	1194	1214	2561	2980	2979	3030	3040	3010	1504	1254	1254	1731	2713	2980	2970	2807	2219	2788	2990	3000	3010	2990	2631	2607	2969	2940	2940		
WAHL & SANCHOTONE	46					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		
MILNER LOW LIFT	47		0	180	180	180	198	198	198	198	198	198	198	198	198	198	198	198	198	198	218	218	218	218	218	218	218	218	218	193		
TWIN FALLS CANAL CO.	48		0	282	690	710	690	768	670	851	853	1077	770	780	630	790	750	850	1039	750	720	710	973	983	997	960	730	760	872	963		
NORTH SIDE CANAL CO.	49		0	718	510	2936	3428	3461	3434	3436	3416	3434	3423	2547	2559	3453	3373	3460	3500	3463	3453	3463	3518	3540	3560	3548	3482	3472	3516	3535		
GOODING PROJECT	50		0	1300	1400	1440	1450	1510	1550	1590	1550	1540	1530	1530	1540	1530	1520	1540	1590	1600	1600	1590	1600	1600	1610	1600	1580	1590	1600	1610		
IDAHO POWER CO.	51		326	389	392	369	402	441	379	376	386	400	400	400	400	400	400	400	400	400	402	[illegible]	399	402	400	400	400	400	400	400		
U.S.	52																															

DAILY STORAGE DIVERSIONS — MAI

24 HOUR SECOND-FEET EXCEPT AS NOTED

24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	28	28	27	26	24	26	26	24	26	23	20	18	0	24	22	30
46	397	397	397	397	397	397	397	375	275	160	103	86	77	87	125	146
50	56	54	47	29	29	29	29	26	32	29	0	0	0	8	8	8
27	124	124	124	124	124	124	132	132	58	58	48	47	47	52	121	121
3	3	5	5	5	8	4	2	2	2	2	4	4	2	2	2	0
5	4	0	0	0	0	0	4	4	4	4	4	0				
83	87	90	69	12	81	62	60	71	93	7	0	0	9	7	8	3
96	97	82	81	86	85	94	90	91	95	64	98	93	98	78	74	73
180	289	271	271	276	260	260	183	178	10	10	0	0	10	19	170	174
1	1	1	1	1	2	2	2	2	3	3	3	2	3	3	2	3
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
77	91	91	70	87	87	81	-86	75	74	56	38	49	15	81	63	61
95	111	105	101	95	77	71	71	52	45	40	36	50	32	89	54	58
17	32	32	13	0	0	0	13	2	7	0						
0	3	5	4	4	4	1	3	1	0	0	2	2	2	1	3	1
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	13	15	9	18	22	15	19	8	8	9	9	5	6	4	5	6
0	35	30	4	37	33	12	8	17	21	0	10	0				
36	36	36	30	0												
15	115	117	117	117	116	115	115	112	112	112	112	111	109	111	113	113
0	4	4	0	4	5	4	4	5	0	0	0	0	3	4	4	4
2	0	1	0	2	2	1	1	2	0						0	1
15	15	15	17	18	17	17	15	12	12	12	12	11	11	10	9	11
0	0	1	1	1	0					0	1	1	1	1	0	
60	260	330	330	350	330	330	330	330	320	0	80	140	140	180	0	70
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
02	306	298	296	303	301	298	295	280	275	270	234	191	176	171	179	178
6	13	12	11	10	0	0	10	11	9	12	3	0	0	0	1	0
04	523	548	489	481	508	510	500	422	404	382	0	0	0	314	346	324
92	2694	2733	2555	2524	2523	2494	2264	2285	1915	1294	858	851	782	1287	1347	1426
	0	52	53	10	0										0	10
18	18	13	18	21	20	10	13	0	10	0	0	0	5	0	0	3
61	161	161	169	169	174	169	161	174	169	159	169	172	130	140	135	105
10	610	860	860	485	235	235	370	620	80	30	30	20	10	0	230	325
15	9	6	4	14	6	8	7	8	10	9	10	2	11	7	3	7
04	798	1092	1104	699	435	422	551	802	269	198	209	194	156	147	368	450
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
90	3000	3010	2990	2631	2607	2960	2940	2940	2860	2800	2113	1624	2556	2710	2740	2780
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	218	218	218	218	218	218	218	193	193	193	193	193	193	193	193	193
10	973	983	997	960	730	760	872	963	954	956	942	750	730	730	977	979
63	3518	3540	3560	3548	3482	3472	3516	3539	3548	3576	3587	3531	3411	3350	3409	3319
90	1600	1600	1610	1600	1580	1590	1600	1610	1610	1610	1610	1600	1600	1590	1610	1590
99	399	402	400	400	400	400	400	400	400	400	400	400	400	399	395	395

AUGUST															
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31	31	31	29	28	24	23	22	20	18	25	27	27	18	15	13
154	146	106	39	18	34	29	24	32	31	19	0				
8	8	0													
121	120	118	41	41	112	116	115	116	118	103	92	96	95	92	93
0	0	3	0	1	1	1	2	0	3	3	3	0			
0									0	19	23	51	49	0	0
76	44	68	69	68	41	43	39	41	29	28	62	51	49	44	14
179	196	170	142	139	130	126	126	135	74	74	14	4	5	14	44
3	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2
1	1	1	1	1	1	1	1	0							
58	69	58	49	39	16	19	44	52	79	58	59	56	22	18	18
59	47	46	45	33	25	25	28	38	52	33	31	36	38	28	25
3	3	3	3	2	0										
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	0						0	1	0						
113	113	113	113	113	113	113	113	113	86	89	108	108	111	113	113
0	3	4	0	3	4	4	4	4	4	4	5	5	4	4	5
1	1	2	2	1	1	1	0	0	0	0	0	1	2	1	1
11	12	15	17	20	19	18	17	16	13	15	13	12	13	17	20
	0	1	1	1	0			0	1	1	1	0			0
70	0														
35	35	35	35	35	35	35	35	35	35	27	27	27	27	27	27
170	132	76	36	33	28	46	50	56	74	115	123	126	124	121	117
280	292	292	286	243	200	239	294	326	352	366	360	374	372	352	350
1384	1261	1150	915	826	791	846	920	992	975	986	955	981	936	853	847
7	0														
2	0	2	0						0	7	0				
115	30	24	30	30	30	55	55	55	55	260	255	255	355	360	305
245	305	285	0	0	0	295	535	680	855	1230	1230	1200	1150	1080	1120
6	2	2	1	0							0	2	3	3	4
375	337	313	31	30	30	350	590	735	910	1497	1485	1457	1508	1443	1429
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2800	2820	2850	2890	2890	2890	2870	2870	2860	2840	2830	2850	2850	2780	2730	2680
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
192	192	192	192	192	192	192	190	188	190	190	190	190	190	193	193
966	959	940	936	899	907	903	901	934	928	940	960	918	927	886	922
3328	3375	3334	3331	3307	3378	3406	3398	3416	3385	3396	3409	3407	3438	3434	3439
1600	1610	1600	1610	1570	1540	1540	1530	1530	1520	1490	1460	1470	1480	1490	1480
392	395	395	392	392	395	395	395	395	395	395	395	333	222	200	200

26	27	28	29	30	31	1	2	3	4	5	6	7
4	4	4	4	4	4	0						
13	13	13	20	19	26	25	12	11	4	4	12	18
										0	86	90
90	90	92	93	93	93	91	91	90	89	88	89	88
		0	1	4	1	1	1	0				
0	2	125	127	127	127	116	34	0	7	30	23	40
42	69	70	68	43	38	3	35	31	42	41	32	45
40	65	67	57	57	100	104	113	113	97	87	70	95
2	1	1	1	1	1	1	1	1	1	1	1	0
								0	27	27	27	28
22	20	12	11	15	12	8	21	22	18	17	49	33
22	29	48	47	44	26	37	32	35	31	32	45	39
									0	1	1	1
5	5	5	5	5	5	4	4	4	4	4	4	0
									0	2	2	2
112	112	113	113	113	113	112	112	111	109	113	109	111
6	6	4	4	4	4	0	4	4	5	5	4	4
2	1	0	0	0	0	0	0	0	0	0	2	2
19	18	18	19	19	19	10	11	11	14	17	13	13
1	1	1	1	0								
0	40	110	110	110	110	80	0	0	0	0	30	90
27	27	27	27	27	27	27	27	27	27	27	27	2
115	114	109	109	106	108	100	92	83	105	125	125	12
			0	71	71	84	78	77	82	85	82	9
370	364	358	360	360	350	346	384	394	382	348	354	33
888	977	1163	1173	1218	1231	1149	1052	1014	1034	1054	1207	127
410	405	405	455	455	460	473	463	443	437	445	435	4
1160	1150	1160	1190	1180	1140	1130	1150	1140	1140	1140	1110	11
3	5	0										
1573	1560	1565	1645	1635	1600	1603	1613	1583	1577	1585	1545	15
5	2	0										
2690	2650	2620	2620	2600	2580	2560	2480	2400	2310	2270	2160	2
4	4	4	4	4	4	4	3	0				
193	193	193	193	193	194	194	194	194	194	194	196	
926	919	927	928	936	929	952	966	941	891	856	746	
3440	3358	3350	3320	3250	3309	3291	3260	3290	3260	3229	3128	
1480	1480	1470	1440	1450	1470	1440	1410	1410	1410	1410	1370	
200	201	201	197	199	199	200	200	200	200	200	200	

RSIONS — MAIN RIVER 1952

4 HOUR SECOND-FEET EXCEPT AS NOTED

						SEPTEMBER																															TOTAL		JACKSON LAKE	AMERICAN FALLS
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	NO.	SECOND-FEET	ACRE-FEET	EQUIVALENT ACRE-FEET	OWNED ACRE-FEET
4	4	4	4	4	4	0																														1	255	505	545	
13	13	13	20	19	26	25	12	11	4	4	12	18	26	26	26	24	23	17	10	0					0	6	6	6	6	6	6	6	6	6	6	2	1,530	3,034	3,271	795
										0	86	90	92	89	89	88	61	40	14	0								0	25	25	15	15	15	15	15	3	10,863	21,547	23,240	14,609
																																				4	1,028	2,039	2,196	
90	90	92	93	93	93	91	91	90	89	88	89	88	89	88	87	87	89	84	83	0					0	95	95	95	51	0						5	6,573	13,038	14,056	10,509
		0	1	4	1	1	1	0								0	3	2	2	4	4	0	0	0	0	2	2	2	2	0						6	167	331	357	
																																				7	106	210	227	
0	2	125	127	127	127	116	34	0	7	30	23	40	75	116	132	130	127	0									0	5	19	39	40	40	40	40	40	8	3,565	7,071	7,623	11,994
42	69	70	68	43	38	3	35	31	42	41	32	45	69	68	77	77	61	33	36	0					0	64	61	51	0							9	4,839	9,598	10,351	2,000
40	65	57	57	57	100	104	113	113	87	87	70	95	91	126	139	154	95	91	14	0					0	38	46	28	7	7	0					10	8,551	16,961	18,288	7,496
2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0																				11	118	234	252	
																																				12	42	83	90	
								0	27	27	27	26	26	27	27	27	0								0	18	18	18	18	18	18	18	18	18	18	13	394	781	842	
22	20	12	11	15	12	8	21	22	18	17	49	33	41	39	38	42	8	0						0	29	36	36	34	31	35	38	38	38	38	38	14	3,398	6,739	7,266	
22	29	48	47	44	26	37	32	35	31	32	45	39	41	39	38	39	46	26	9	0					0	52	53	53	54	56	58	58	58	58	58	15	3,904	7,743	8,348	4,504
																																				16	376	746	804	3,002
									0	1	1	1	1	0																						17	120	238	257	
5	5	5	5	5	5	4	4	4	4	4	4	0																								18	304	602	649	
																																				19	327	649	700	
																																				20	0	0	0	1,034
																																				21	657	1,303	1,405	
									0	2	2	2	2	2	2	0																				22	44	88	95	
																																				23	669	1,327	1,431	3,002
112	112	113	113	113	113	112	112	111	109	113	109	111	111	111	111	101	91	95	110	110	110	0	0	0	0	109	109	111	108	108	107	107	107	107	107	24	8,548	16,955	18,282	15,852
6	6	4	4	4	4	0	4	4	5	5	4	4	4	4	4	0																				25	187	371	400	225
2	1	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0	0	0	1	1	1	0														26	62	123	133	79
19	18	18	19	19	19	10	11	11	14	17	13	13	13	14	14	14	15	17	18	19	14	0														27	1,058	2,098	2,260	
1	1	1	1	0																																28	23	46	50	
0	40	110	110	110	110	80	0	0	0	0	50	90	120	120	120	50	0																			29	9,600	19,041	20,532	26,986
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	15	0															30	2,242	4,447	4,795	2,250
115	114	109	109	106	108	100	92	83	105	125	125	129	129	133	141	134	105	69	35	0																31	13,396	26,570	28,650	28,528
			0	71	71	84	78	77	82	85	82	87	84	84	85	89	0									0	59	59	54	59	64	60	60	60	60	32	1,922	3,812	4,110	9,000
370	364	358	360	360	350	346	384	394	382	348	354	332	288	308	328	267	230	216	196	191	198	0	0	0	0	211	221	224	232	237	243	240	240	240	240	33	25,021	49,629	53,519	27,643
888	977	1163	1173	1218	1231	1149	1052	1014	1034	1054	1207	1272	1331	1424	1488	1350	971	717	555	340	327	0	0	0	29	621	706	686	607	590	589	582	582	582	582	34	109,634	217,454	234,481	169,506
																																				35	93	185	200	
													0	79	0											0	14	0								36	727	1,442	1,555	15,033
																																				37	327	649	700	
410	405	405	455	455	460	473	463	443	437	445	435	430	407	403	395	398	389	7	0						0	371	374	339	303	305	308	308	308	308	308	38	18,774	37,237	40,157	22,519
1160	1150	1160	1190	1180	1140	1130	1150	1140	1140	1140	1110	1110	1070	1010	1000	978	877	534	91	0					0	791	812	808	781	757	710	677	609	612	568	39	45,295	89,841	96,880	41,333
																																				40	0	0	0	4,000
3	5	0																																		41	329	653	704	1,462
																																				42	3	6	6	
1573	1560	1565	1645	1635	1600	1603	1613	1583	1577	1585	1545	1540	1477	1492	1395	1376	1266	541	91	0	0	0	0	0	0	1162	1200	1147	1084	1062	1018	985	917	920	876	43	65,548	130,013	140,202	84,347
5	2	0																																		44	252	500		50,000
[illegible]	2650	2620	2620	2600	2580	2560	2480	2400	2310	2270	2160	2031	1997	2012	2031	1950	1892	1203	461	581	700	253	0	176	730	964	962	988	661	312	472	696	577	476	243	45	186,321	369,563		
4	4	4	4	4	4	4	3	0																												46	227	450		34,113
193	193	193	193	193	194	194	194	194	194	194	196	196	196	196	192	180	180	180	175	165	165	150	150	150	150	150	140	125	125	125	125	125	125	125	123	47	16,107	31,948		151,18
926	919	927	928	936	929	952	966	941	891	856	746	762	805	696	663	649	558	241	90	40	0															48	58,883	116,792		320,25
[illegible]	3358	3350	3320	3250	3309	3291	3260	3290	3260	3229	3128	3060	3091	3004	2966	2938	2858	2854	2791	2681	2489	2440	2340	2106	2240	2252	2090	2009	1901	1889	1885	1840	1840	1710	1290	49	263,603	522,849		400,00
[illegible]	1480	1470	1440	1450	1470	1440	1410	1410	1410	1410	1370	1310	1300	1290	1290	1300	1290	1290	1300	1240	1230	1230	1230	1230	1180	1170	1180	1180	1170	1170	1180	1180	1160	840	0	50	124,210	246,368		45,00
200	201	201	197	199	199	200	200	200	200	200	200	200	134																							51	22,688	45,000		
																																				52	0	0		
																																				GRAND TOTALS	847,728	1,681,440		1,254,40

PLATE NO. 14

27	28	29	30	NO.	TOTAL SECOND-FEET	TOTAL ACRE-FEET	JACKSON LAKE EQUIVALENT ACRE-FEET	AMERICAN FALLS RIGHT OWNED ACRE-FEET	AMERICAN FALLS RIGHT LEASED ACRE-FEET	JACKSON LAKE RIGHT ACRE-FEET	RENTALS ACRE-FEET	OTHER RIGHTS ACRE-FEET	TOTAL RIGHTS ACRE-FEET
				1	255	505	545				① 545		545
6	6	6	6	2	1,530	3,034	3,271	793	350	1,200	② 970		3,313
15	15	15	15	3	10,863	21,547	23,240	14,609	6,110		③ 500	④ 7,353	28,572
				4	1,028	2,039	2,196			2,000	③ 550		2,550
				5	6,573	13,038	14,056	10,509	4,800	6,100		④ -7,353	14,056
				6	167	331	357				③ 367		367
				7	106	210	227				③ 227		227
40	40	40	40	8	3,565	7,071	7,623	11,994	6,084	5,000	③ 170		23,248
				9	4,839	9,598	10,351	2,000	3,735	2,000	③ 2,616		10,351
				10	8,551	16,961	18,288	7,496	10,300	5,120			22,916
				11	118	234	252				③ 300		300
				12	42	83	90				③ 90		90
18	18	18	18	13	394	781	842			1,040			1,040
38	38	38	38	14	3,398	6,739	7,266			4,000	⑤ 3,280		7,280
58	58	58	58	15	3,904	7,743	8,348	4,504	2,200	3,000			9,704
				16	376	746	804	3,002	1,320				4,322
				17	120	238	257				③ 330		330
				18	304	602	649				⑥ 649		649
				19	327	649	700				③ 700		700
				20	0	0	0	1,034	432				1,466
				21	657	1,303	1,405				⑤ 1,500		1,500
				22	44	88	95				③ 95		95
				23	669	1,327	1,431	3,002	11,156		③ 100		14,258
107	107	107	107	24	8,548	16,955	18,282	15,852	8,600				24,452
				25	187	371	400	225	105		③ 150		480
				26	62	123	133	79	32		③ 30		141
				27	1,058	2,098	2,260			355	③ 1,480	⑦ 1,350	3,185
				28	23	46	50				③ 50		50
				29	9,600	19,041	20,532	26,986	9,910				36,896
				30	2,242	4,447	4,795	2,250	1,260	1,500			5,010
				31	13,396	26,570	28,650	28,528	14,000	5,000	③ 1,710		49,238
60	60	60	60	32	1,922	3,812	4,110	9,000	740				9,740
240	240	240	240	33	25,021	49,629	53,519	27,643	13,000	15,000			55,643
582	582	582	582	34	109,634	217,454	234,481	169,506	94,134	51,315	15,864	1,350	332,169
				35	93	185	200				③ 200		200
				36	727	1,442	1,555	15,033	6,600				21,633
				37	327	649	700				③ 1,500		1,500
308	308	308	308	38	18,774	37,237	40,157	22,519	14,710	8,000			45,229
677	609	612	568	39	45,295	89,841	96,880	41,333	67,420	42,685			151,438
				40	0	0	0	4,000	1,540				5,540
				41	329	653	704	1,462	563				2,025
				42	3	6	6				③ 6		6
985	917	920	876	43	65,548	130,013	140,202	84,347	90,833	50,685	1,706		227,571
				44	252	500					③ 500		500
696	577	476	243	45	186,321	369,563		50,000	45,000	325,810		⑧ 152,709	573,519
				46	227	450					③ 450		450
125	125	125	123	47	16,107	31,948		34,113	15,000				44,113
				48	58,883	116,792		151,186		97,183	- 5,472		242,896
1840	1840	1710	1290	49	263,603	522,849		320,256	172,033	322,007			814,296
1180	1160	840	0	50	124,210	246,366		400,000					400,000
				51	22,688	45,000		45,000	13,593		-13,593		45,000
				52	0	0							0
GRAND TOTALS					847,728	1,681,440		1,254,407 ⑨	430,593 ⑨	847,000	0	154,059	2,686,059

NOTES

① 252 A.F. FROM U.S.; 293 FROM TWIN FALLS CANAL CO.

② 611 A.F. FROM U.S.; 359 FROM TWIN FALLS CANAL CO.

③ FROM U.S.

④ TRANSFER FROM ENTERPRISE TO PROGRESSIVE IRR. DIST.

⑤ FROM TWIN FALLS CANAL COMPANY.

⑥ 639 A.F. FROM U.S. FOR BLAKELY, TERRY, TOMCHACK, MACKAY, JACKSON, RADFORD, MASON, PICKERING, QUINN, FOX, ROWLS AND CHENEY; 10 A.F. FROM T.F. CANAL CO. FOR BROWN AND ROTH.

⑦ FROM MARKET LAKE SPRINGS.

⑧ LAKE WALCOTT 93,440 A.F. ON JULY 5 PLUS 59,269 GAIN NEELEY TO MILNER.

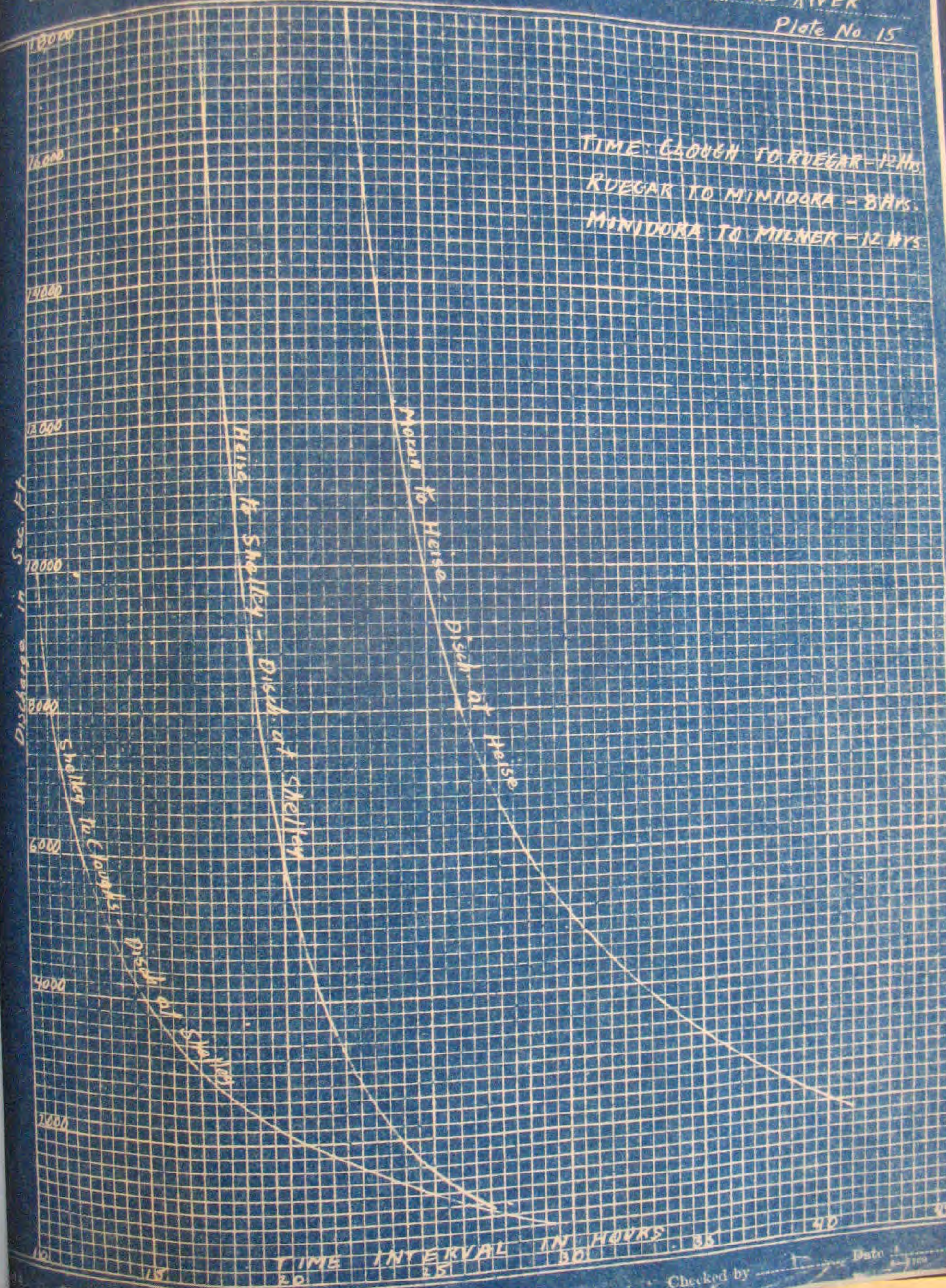
⑨ SEE PLATE 22 FOR AMERICAN FALLS STORAGE USED ON HENRYS FORK.

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



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

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

PLATE NO. 16

CANAL	MAY 1952																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
FALL RIVER CANALS																																
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	109	109	109	109	117	73	117	743
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	109	109	109	109	117	73	117	743
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	9	13	13	13	16	19	21	104
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	95	97	99	98	97	100	115	129	130	140	145	148	1461
BELL	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	5	8	8	7	7	8	9	9	9	9	9	137
FALL RIVER	10	10	10	0	0	0	0	0	0	0	150	242	307	300	92	230	232	280	310	333	340	345	340	333	340	340	345	350	360	365	367	6331
MC BEE	0	0	0	0	3	3	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
CHESTER	10	10	10	25	39	39	39	39	39	39	39	39	39	38	38	45	52	56	62	68	68	69	69	69	69	69	69	72	75	78	81	1553
SILKEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	14	14	12	11	10	9	9	9	9	9	10	10	10	166
CURR	0	0	0	22	22	22	21	21	22	22	30	44	44	44	44	42	40	41	41	42	42	43	42	40	40	41	41	41	41	42	42	1019
TOTAL SQUIRREL TO CHESTER	22	22	22	49	66	66	65	65	66	66	224	330	395	387	179	321	341	394	497	564	564	575	567	555	574	595	615	624	651	668	678	10797
HENRYS FORK CANALS																																
DEWEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	14	18	18	19	19	18	18	18	19	19	14	19	19	270
LAST CHANCE	32	35	45	60	70	70	70	70	70	69	69	69	69	69	69	70	71	72	73	74	74	75	75	74	74	73	73	72	72	71	71	2100
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	436	428	474	465	566	512	571	554	566	564	562	558	541	549	557	577	571	554	554	575	550	524	503	528	558	566	549	558	545	549	541	16705
FARMERS FRIEND	50	57	57	57	130	132	110	150	150	150	150	144	242	251	251	251	249	263	227	250	286	183	180	179	179	188	180	178	196	174	167	5411
TWIN GROVES	112	88	112	112	134	146	134	134	136	134	153	180	134	170	170	168	165	170	148	158	158	158	146	153	158	158	158	168	170	160	160	4605
SALEM UNION	129	132	138	132	168	168	156	203	198	198	198	217	224	243	224	250	250	250	257	257	263	263	263	254	264	264	251	264	292	264	264	6898
TOTAL ASHTON TO ST. ANTHONY	759	740	826	826	1068	1028	1041	1111	1120	1115	1132	1168	1210	1282	1271	1327	1317	1320	1273	1332	1349	1222	1186	1206	1251	1267	1230	1259	1294	1237	1222	35989
EGIN	208	228	221	252	262	276	283	276	290	304	304	308	330	353	352	360	364	360	364	364	364	349	368	368	368	364	353	360	345	345	330	9973
ST. ANTHONY UNION FEEDER	74	86	86	86	84	82	86	82	86	84	82	89	92	96	86	100	98	82	100	98	98	100	92	92	86	92	98	88	82	81	90	2759
INDEPENDENT	304	377	368	381	394	401	416	430	430	428	427	426	426	428	430	426	423	428	426	424	423	416	416	419	421	426	428	421	414	408	401	12786
CONSOLIDATED FARMERS	113	130	145	147	149	149	150	160	180	182	190	240	260	260	260	270	284	290	300	303	320	334	330	320	310	280	269	260	260	260	260	7365
TOTAL ST. ANTHONY TO REXBURG	699	821	820	866	889	908	935	948	986	998	1003	1063	1108	1137	1128	1156	1169	1160	1190	1189	1205	1199	1206	1199	1185	1162	1148	1129	1101	1095	1081	32883
TETON RIVER CANALS																																
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	16	16	16	16	16	82
WILFORD	59	59	60	62	64	65	66	64	63	70	100	135	150	163	150	127	122	118	114	127	152	147	136	132	132	87	85	93	93	93	115	3203
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	25	25	45	65	60	60	56	63	79	80	81	80	76	54	66	78	73	98	98	1262
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	20	30	32	34	20	0	0	0	2	2	0	0	0	30	30	30	30	0	0	0	0	260
PIONEER	0	0	0	14	14	14	0	0	0	0	20	20	25	30	25	17	17	16	16	15	0	0	0	0	0	0	0	0	0	0	0	243
STEWART	0	0	0	0	13	13	14	14	0	0	0	0	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81
PINCOCK-BYINGTON	8	9	9	8	8	8	8	8	8	8	5	3	5	8	8	8	8	7	7	10	14	16	18	20	20	20	20	21	21	20	20	361
PINCOCK-GARNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	21	21	21	21	21	22	22	23	23	22	20	15	12	12	318
GARDNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	52
TETON ISLAND FEEDER	0	0	0	0	0	150	298	326	354	418	418	449	501	588	555	521	500	485	473	505	558	540	520	500	469	491	500	507	525	539	546	12236
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	53	53	54	55	56	56	56	58	61	62	64	66	70	74	77	80	78	77	76	80	83	70	66	50	45	43	42	41	42	42	42	1872
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	10	10	20
EAMES-THOMPSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	45
MC CORMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	33
CITY OF REXBURG	0	0	0	0	0	10	22	21	21	22	23	24	27	30	31	32	33	34	34	40	47	44	42	41	41	40	44	48	45	40	35	871
REXBURG IRRIGATION	0	0	0	0	0	100	135	146	159	162	167	180	210	234	240	243	240	230	226	224	222	222	221	210	200	196	195	195	196	198	199	5155
SAURY-SOMMERS	13	9	9	9	9	16	13	12	10	8	5	3	6	9	12	15	15	10	3	3	3	5	11	10	8	6	6	6	6	6	6	262
TOTAL TETON RIVER	133	130	132	148	164	432	612	649	676	750	822	910	1060	1209	1172	1130	1045	1058	1032	1044	1186	1152	1129	1107	1056	1002	1038	1037	1044	1086	1111	26356

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

PLATE NO. 17

CANAL.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
FALL RIVER CANALS																															
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	145
MARYSVILLE	116	115	160	169	178	196	195	204	213	223	232	230	234	233	232	235	245	248	247	246	246	0	128	177	177	177	187	197	197	197	5834
TOTAL ABOVE SQUIRREL	116	115	160	169	178	196	195	204	213	223	232	230	244	243	242	245	255	258	257	256	256	10	138	182	182	182	192	202	202	202	5979
FARMERS OWN	27	27	34	44	50	66	69	69	77	77	76	76	76	75	77	77	77	77	79	80	80	80	82	81	48	55	50	46	44	44	1920
ENTERPRISE	160	160	164	160	158	160	162	162	161	160	168	174	170	168	166	165	164	160	160	160	150	148	146	155	162	150	134	134	134	135	4710
BELL	9	9	9	9	9	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	6	6	6	6	7	7	7	7	7	7	225
FALL RIVER	380	390	398	400	402	415	422	425	425	427	430	432	432	432	420	410	408	400	400	400	400	370	343	310	271	200	188	190	190	200	10910
MC BEE	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
CHESTER	85	85	86	86	86	86	86	87	88	89	88	86	86	86	84	83	82	82	82	82	82	82	82	84	86	87	88	87	87	86	2556
SILKEY	12	15	17	19	20	20	20	20	20	20	20	21	21	21	21	21	21	20	20	20	20	17	15	12	8	6	5	5	5	5	487
CURR	42	42	43	43	42	42	42	42	41	41	40	39	39	40	41	42	42	42	40	39	38	37	37	36	34	27	26	26	26	26	1137
TOTAL SQUIRREL TO CHESTER	715	728	751	761	767	797	809	813	822	824	832	836	832	830	816	805	801	788	788	788	776	740	711	684	616	532	498	495	493	503	21951
HENRYS FORK CANALS																															
DEWEY	21	24	27	28	29	29	29	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27	26	27	28	27	26	25	821
LAST CHANCE	72	74	75	72	70	68	65	67	70	73	67	61	65	70	70	73	75	75	74	74	73	73	73	60	17	17	17	17	17	20	1794
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	541	550	558	558	562	566	566	556	545	490	532	469	499	465	503	484	465	465	465	465	465	450	436	305	285	285	281	281	281	367	13740
FARMERS FRIEND	178	211	210	208	214	214	220	163	163	147	143	140	142	156	142	161	149	150	119	118	117	96	70	76	54	54	50	49	47	46	4007
TWIN GROVES	170	163	158	144	160	158	163	146	139	142	134	134	147	147	150	107	120	124	147	147	136	141	130	128	133	118	112	115	111	111	4135
SALEM UNION	264	278	248	278	278	278	264	264	264	207	251	202	238	225	222	0	0	218	218	251	225	110	113	68	75	68	31	31	107	107	5383
TOTAL ASHTON TO ST. ANTHONY	1246	1300	1276	1288	1313	1313	1307	1234	1209	1087	1155	1034	1119	1091	1115	853	837	1050	1051	1083	1044	898	850	664	590	569	519	520	589	676	29880
EGIN	330	337	374	358	366	362	362	347	354	336	292	274	292	274	267	267	269	265	262	272	253	219	184	116	116	114	113	216	226	226	8043
ST. ANTHONY UNION FEEDER	92	86	86	80	83	86	86	84	82	58	58	80	76	76	72	67	62	62	63	60	20	25	30	27	24	20	22	34	42	42	1785
INDEPENDENT	385	394	394	400	407	394	357	329	314	300	262	270	279	292	304	306	308	298	288	279	198	164	131	140	145	150	155	206	232	233	8314
CONSOLIDATED FARMERS	260	257	257	256	256	250	240	230	220	205	210	220	230	230	230	230	232	230	230	230	230	210	209	200	150	100	92	92	92	130	6208
TOTAL ST. ANTHONY TO REXBURG	1067	1074	1111	1094	1112	1092	1045	990	970	899	822	844	877	872	873	870	871	855	843	841	701	618	554	483	435	384	382	548	592	631	24350
TETON RIVER CANALS																															
SIDDOWAY	16	15	15	14	14	14	14	14	14	13	13	13	13	12	10	9	10	12	14	15	16	15	14	13	12	10	9	8	8	8	377
WILFORD	105	112	164	152	132	162	162	138	150	141	138	145	141	143	143	130	147	145	141	136	136	97	94	92	75	33	0	0	0	0	3354
TETON IRRIGATION	99	96	99	100	99	100	92	95	95	94	91	96	90	92	99	104	94	96	94	98	99	96	86	74	80	75	72	70	70	70	2715
GOOD LUCK	0	0	0	30	36	36	36	36	36	35	35	34	34	34	35	35	35	35	36	36	36	36	0	0	0	0	0	0	0	0	666
PIONEER	0	0	0	0	20	20	20	20	20	19	18	17	16	15	15	0	0	20	20	20	0	0	0	0	0	0	0	0	0	0	260
STEWART	0	0	0	0	20	38	36	34	31	32	36	40	44	43	42	41	40	38	37	36	35	30	26	22	10	0	0	0	0	0	711
PINCOCK-BYINGTON	18	16	17	18	18	18	18	18	18	18	17	17	16	18	20	21	21	20	20	19	18	18	18	18	17	17	16	14	14	14	530
PINCOCK-GARNER	20	30	32	34	35	36	36	36	36	35	34	33	32	31	31	30	30	29	28	27	27	28	29	30	26	23	10	10	10	10	838
GARDNER	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	110
TETON ISLAND FEEDER	529	527	533	539	540	542	558	557	556	530	500	480	457	440	420	401	400	390	380	370	356	389	370	352	300	282	250	221	225	230	12624
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	0	0	8	16	16	16	17	18	19	19	18	13	8	8	8	0	0	0	0	0	0	2	15	15	17	19	19	19	19	20	329
ISLAND WARD	43	43	40	39	30	20	20	1	1	1	1	1	52	45	40	33	35	40	40	40	44	44	2	2	2	2	2	2	2	2	669
WOODMANSEE-JOHNSON	10	16	10	0	0	0	0	0	0	0	0	20	23	25	28	31	31	31	31	31	31	30	29	28	28	0	0	0	0	0	427
EAMES-THOMPSON	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	126
MC CORMICK-ROWE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	75
CITY OF REXBURG	35	35	35	35	34	32	34	35	36	36	36	35	35	35	34	34	34	36	38	40	42	44	45	46	40	29	0	0	0	0	950
REXBURG IRRIGATION	203	208	220	230	260	290	290	290	290	260	241	230	215	212	212	211	211	211	212	212	212	220	230	237	200	136	135	133	130	128	6469
SAURY-SOMMERS	7	8	10	10	10	10	10	10	10	10	9	18	5	7	8	8	8	0	0	0	0	0	7	7	8	9	9	9	9	10	226
TOTAL TETON RIVER	1099	1114	1202	1231	1278	1348	1357	1316	1326	1257	1201	1206	1145	1174	1159	1102	1110	1117	1105	1094	1066	1057	968	939	818	635	522	486	487	492	31461

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

PLATE NO. 18

CANAL	JULY 1952																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
FALL RIVER CANALS																																
YELLOWSTONE	5	5	5	5	5	5	5	8	12	11	11	13	14	12	10	10	9	0	10	12	10	10	10	10	9	12	12	12	12	14	14	292
MARYSVILLE	197	197	197	197	208	219	219	210	221	227	229	212	191	185	203	203	201	216	216	219	214	214	233	233	233	233	235	235	240	237	233	6707
TOTAL ABOVE SQUIRREL	202	202	202	202	213	224	224	218	233	238	240	225	205	197	213	213	210	216	226	231	224	224	243	243	242	245	247	247	252	251	247	6999
FARMERS OWN	37	36	38	39	37	44	54	59	69	68	70	69	71	69	68	68	71	74	74	76	73	77	77	77	77	78	78	78	77	77	77	2037
ENTERPRISE	136	136	136	140	160	165	165	169	173	175	173	182	182	182	177	175	172	170	169	173	177	166	166	165	175	176	172	167	167	165	165	5171
BELL	7	7	0	0	2	2	2	1	1	10	9	9	8	7	7	6	6	6	6	5	3	7	6	6	6	7	7	8	9	8	8	176
FALL RIVER	250	270	283	300	340	345	345	372	393	211	214	225	216	207	200	198	191	191	204	203	202	202	198	198	198	195	198	200	195	193	193	7330
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	86	85	81	81	80	70	60	59	58	58	91	96	92	88	81	77	74	73	71	71	71	68	61	60	0	0	0	0	36	23	22	1873
SILKEY	5	5	5	5	10	13	13	13	13	25	25	27	20	14	12	12	12	19	19	19	19	11	10	10	21	21	16	12	11	11	11	439
CURR	26	30	33	30	28	26	24	25	23	51	50	48	48	25	29	28	40	40	40	42	44	44	42	42	51	53	50	3	51	51	51	1168
TOTAL SQUIRREL TO CHESTER	547	569	576	595	657	665	663	698	730	598	632	656	637	592	574	564	566	573	583	589	589	575	560	558	528	530	521	468	546	528	527	18194
HENRYS FORK CANALS																																
DEWEY	25	25	25	25	25	25	24	24	24	20	24	24	24	24	23	20	18	10	6	6	3	3	4	5	6	6	6	6	5	6	20	491
LAST CHANCE	44	50	57	56	54	52	50	59	57	72	74	60	58	56	54	52	50	47	46	45	44	43	54	58	77	65	65	65	64	64	58	1750
CROSS CUT	0	0	0	0	0	0	0	0	0	319	298	238	292	286	183	224	223	221	215	216	219	214	186	189	145	141	194	197	197	196	157	4800
ST. ANTHONY UNION	404	425	484	478	472	488	476	472	463	484	518	297	285	273	334	396	438	446	455	442	430	434	463	530	509	505	507	509	438	442	467	13764
FARMERS FRIEND	94	90	98	167	191	174	158	154	150	183	122	101	80	58	35	91	124	50	50	51	52	50	94	112	116	112	96	71	56	71	102	3153
TWIN GROVES	111	131	131	142	133	140	152	157	147	157	147	145	140	135	122	150	122	115	146	146	146	146	125	125	132	131	136	141	146	151	139	4287
SALEM UNION	115	157	218	218	217	217	191	190	188	252	251	277	192	107	101	168	162	182	181	184	186	182	178	198	198	199	201	203	200	181	178	5872
TOTAL ASHTON TO ST.ANTHONY	743	878	1013	1086	1092	1096	1051	1056	1029	1487	1434	1142	1071	939	852	1101	1137	1071	1099	1040	1080	1072	1104	1217	1183	1209	1205	1192	1106	1111	1121	34117
EGIN	241	255	279	264	246	230	248	269	272	283	264	141	182	224	241	238	264	285	283	280	276	265	260	260	274	265	253	241	258	260	274	7875
ST. ANTHONY UNION FEEDER	56	56	56	52	47	47	46	46	38	30	57	24	22	21	44	36	39	38	38	39	40	40	40	49	56	53	53	54	54	54	54	1379
INDEPENDENT	234	262	259	272	285	298	308	300	314	300	306	252	212	172	220	210	256	285	283	264	246	280	302	312	308	327	300	50	220	264	260	8161
CONSOLIDATED FARMERS	172	180	201	210	220	220	223	218	190	199	267	224	218	212	194	190	186	178	245	236	227	227	227	227	252	252	225	197	197	197	197	6608
TOTAL ST.ANTHONY TO REXBURG	703	753	795	798	798	795	825	833	814	812	894	641	634	629	699	674	745	786	849	819	789	812	829	848	840	847	831	542	729	775	785	24023
TETON RIVER CANALS																																
SIDDOWAY	9	9	8	8	7	8	10	12	11	15	14	17	17	20	12	15	15	18	14	14	14	14	12	12	11	10	10	10	10	9	9	374
WILFORD	133	135	126	142	135	163	158	158	135	137	144	168	137	128	122	123	118	114	77	76	78	76	97	108	108	77	76	71	66	66	68	3520
TETON IRRIGATION	79	83	82	90	90	93	92	88	104	100	83	89	88	94	99	95	105	86	93	93	55	113	108	108	105	111	105	95	91	92	97	2906
GOOD LUCK	0	0	0	0	0	20	27	27	32	29	32	31	28	27	25	27	21	14	15	22	21	14	12	11	12	10	10	12	12	13	14	518
PIONEER	0	0	0	0	8	20	25	25	19	18	20	19	17	17	19	0	18	16	0	0	19	16	15	15	13	16	16	17	16	13	12	409
STEWART	0	0	0	0	14	15	16	16	18	21	28	27	29	32	24	22	19	16	17	17	18	16	14	13	11	10	10	13	10	10	10	466
PINCOCK-BYINGTON	15	16	15	14	14	14	13	12	18	18	18	18	18	18	18	17	15	15	12	12	12	12	12	11	12	12	12	12	11	11	10	437
PINCOCK-GARNER	12	15	15	20	26	25	25	24	19	19	23	23	23	15	10	17	14	13	13	15	14	14	14	14	14	14	14	15	14	13	14	520
GARDNER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	0	0	0	0	0	0	0	93
TETON ISLAND FEEDER	280	306	315	325	335	334	332	367	410	402	457	433	477	453	402	389	382	358	361	367	374	358	350	346	341	315	328	343	343	333	330	11246
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	20	21	3	3	3	3	3	0	10	10	14	13	13	12	11	9	10	8	22	22	19	18	22	13	14	10	12	15	15	14	9	371
ISLAND WARD	2	31	35	40	45	40	30	20	55	57	49	42	4	3	0	0	29	29	29	16	15	14	33	33	33	43	26	26	0	0	0	779
WOODMANSEE-JOHNSON	0	0	0	0	20	30	35	41	39	40	43	46	45	44	42	39	35	33	36	35	37	40	28	28	27	21	23	28	28	27	24	914
EAMES-THOMPSON	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
MC CORMICK-ROWE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
CITY OF REXBURG	0	23	25	27	30	32	34	35	34	40	39	38	38	37	29	32	33	30	29	29	24	29	37	26	25	28	28	29	28	28	24	915
REXBURG IRRIGATION	126	123	123	130	200	202	202	204	204	200	225	234	211	192	202	184	164	202	95	226	245	234	211	185	185	155	163	193	124	153	158	5660
SAURY-SOMMERS	28	15	15	14	14	14	13	13	2	3	3	13	16	16	17	5	1	1	1	3	9	10	3	0	12	2	18	18	18	16	19	332
TOTAL TETON RIVER	717	740	775	826	954	1026	1028	1055	1123	1122	1205	1224	1174	1121	1045	987	992	966	827	960	972	995	970	935	932	843	860	906	795	807	807	29739

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

PLATE NO. 19

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
	AUGUST 1952																															
FALL RIVER CANALS																																
YELLOWSTONE	14	14	15	15	16	16	16	16	14	13	0	0	12	12	12	0	12	11	11	10	11	11	10	11	11	11	10	10	11	9	10	344
MARYSVILLE	213	226	213	188	190	182	177	169	154	154	156	153	151	138	138	138	139	139	140	138	160	154	133	135	133	133	117	117	116	116	116	4726
TOTAL ABOVE SQUIRREL	227	240	228	203	206	198	193	185	168	167	156	153	163	150	150	138	151	150	151	148	171	165	143	146	144	144	127	127	127	125	126	5070
FARMERS OWN	78	77	77	65	64	59	56	56	56	56	46	42	39	39	39	39	35	35	42	44	44	44	44	44	44	44	42	42	42	40	40	1514
ENTERPRISE	166	162	157	152	150	0	0	145	165	165	163	161	159	159	161	163	163	169	161	159	159	155	157	159	159	147	147	122	133	131	133	4482
BELL	7	7	7	7	8	8	8	7	7	7	7	7	6	6	6	6	6	5	5	5	4	4	4	4	5	5	5	4	4	4	4	179
FALL RIVER	196	191	191	191	191	195	195	191	188	188	193	193	192	191	191	191	186	186	186	186	186	186	186	186	186	191	186	186	142	138	138	5723
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	24	24	27	25	25	86	86	20	20	19	23	21	17	17	17	17	17	12	12	12	12	12	15	15	16	14	11	11	8	9	9	658
SILKEY	11	11	11	12	12	13	11	9	9	10	10	10	6	6	6	6	6	6	5	5	9	8	8	8	8	8	8	2	2	2	2	240
CURR	46	42	32	23	22	44	44	41	41	41	42	41	41	38	37	36	34	36	21	40	39	36	31	31	29	29	30	30	30	29	30	1086
TOTAL SQUIRREL TO CHESTER	528	519	502	475	472	405	400	469	486	486	484	475	460	456	457	458	447	449	432	451	453	445	445	447	447	438	429	397	361	353	356	13882
HENRYS FORK CANALS																																
DEWEY	20	20	21	21	21	21	21	21	17	17	19	19	19	19	19	17	17	13	13	13	13	13	6	6	6	6	6	6	6	6	14	456
LAST CHANCE	59	59	59	59	60	59	59	59	60	60	61	60	60	60	60	59	59	59	59	58	58	58	57	57	55	55	55	55	55	55	56	1804
CROSS CUT	140	192	190	189	187	188	166	179	176	180	79	78	122	164	154	150	155	154	119	119	116	101	109	109	114	112	113	116	112	115	113	4361
ST. ANTHONY UNION	497	501	499	497	463	444	434	467	520	522	482	486	476	461	472	446	446	446	444	415	411	419	409	417	421	421	419	423	428	428	419	14033
FARMERS FRIEND	82	68	66	65	66	73	113	118	89	54	28	24	23	19	18	35	33	17	31	34	32	31	54	28	12	10	50	26	14	50	45	1408
TWIN GROVES	91	101	89	85	86	88	97	87	94	74	89	83	94	79	78	84	83	80	78	80	75	75	76	75	75	68	62	71	74	80	74	2525
SALEM UNION	185	183	183	185	182	172	207	177	182	186	188	190	126	124	122	118	120	120	120	114	122	122	120	124	124	124	124	124	124	124	124	4540
TOTAL ASHTON TO ST. ANTHONY	1124	1124	1107	1101	1065	1045	1097	1108	1138	1093	946	940	920	926	923	909	913	884	864	833	827	819	831	816	807	796	829	821	813	858	845	29127
EGIN	275	279	260	240	246	248	255	248	264	253	246	248	238	224	233	241	238	240	245	258	250	240	258	240	246	238	253	253	253	246	264	7720
ST. ANTHONY UNION FEEDER	60	61	62	63	63	54	48	55	54	55	53	53	49	51	53	45	45	45	42	44	44	46	46	48	47	46	47	47	47	47	42	1562
INDEPENDENT	256	264	262	260	250	244	241	258	266	266	226	226	210	210	214	206	206	206	224	196	216	220	200	204	204	186	185	189	189	189	189	6862
CONSOLIDATED FARMERS	197	197	199	201	201	199	234	238	238	238	184	168	160	164	162	162	162	162	162	156	160	164	160	160	160	156	156	156	164	98	98	5416
TOTAL ST. ANTHONY TO REXBURG	788	801	783	764	760	745	778	799	822	812	709	695	657	649	662	654	651	653	673	654	670	670	664	652	657	626	641	645	653	580	593	21560
TETON RIVER CANALS																																
SIDDOWAY	10	12	8	5	4	10	10	5	5	5	8	7	9	9	8	7	8	8	7	8	7	6	5	5	5	5	5	5	6	6	6	214
WILFORD	99	100	86	76	76	70	71	71	72	73	72	67	69	68	67	72	64	53	60	60	55	53	50	54	51	57	57	62	58	50	48	2041
TETON IRRIGATION	91	101	89	85	86	88	97	87	94	74	89	83	94	79	78	84	83	80	78	80	75	75	76	75	75	68	62	71	74	80	74	2525
GOOD LUCK	14	17	16	15	13	9	13	12	11	12	14	12	11	9	8	7	8	8	8	9	11	9	10	10	11	9	7	6	5	7	6	317
PIONEER	0	0	0	16	0	12	9	10	13	13	13	13	12	10	0	0	0	10	10	10	10	13	13	10	10	11	11	11	0	0	0	240
STEWART	12	19	17	14	12	12	9	9	9	11	14	12	12	9	9	7	7	7	7	8	8	8	7	8	8	8	8	7	7	7	6	298
PINCOCK-BYINGTON	11	12	10	9	8	8	8	7	8	7	8	8	8	7	7	7	7	7	10	10	10	10	10	10	10	10	10	10	10	10	5	272
PINCOCK-GARNER	11	9	11	12	11	9	8	9	9	7	7	7	7	7	14	9	9	7	6	8	8	11	10	10	9	8	9	8	8	8	9	275
GARDNER	5	0	0	7	7	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	4	4	0	0	0	0	0	0	0	0	36
TETON ISLAND FEEDER	339	349	380	354	350	335	333	326	326	337	348	311	284	220	266	257	253	253	251	262	255	251	253	250	232	232	230	206	189	189	187	8658
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	10	9	8	8	4	3	3	3	4	4	8	8	8	7	7	7	7	7	5	5	4	4	3	4	3	3	3	3	3	0	164
ISLAND WARD	0	22	2	2	2	18	30	30	27	27	6	2	0	0	0	0	0	0	22	4	2	2	2	2	3	24	15	4	4	4	3	259
WOODMANSEE-JOHNSON	20	23	24	24	21	14	14	17	14	18	20	12	18	15	16	13	10	9	13	14	16	16	14	13	11	20	13	5	3	1	10	451
EAMES-THOMPSON	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
MC CORMICK-ROWE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
CITY OF REXBURG	24	27	25	23	29	20	19	20	21	22	28	27	26	20	20	20	14	17	21	23	21	26	19	19	17	19	21	16	16	14	21	660
REXBURG IRRIGATION	182	191	189	185	182	182	171	175	172	163	153	132	138	128	127	134	124	126	135	135	138	133	132	132	131	118	118	119	110	133	121	4514
SAURY-SOMMERS	19	18	21	24	24	12	10	10	9	13	14	18	17	20	20	18	17	17	17	18	19	18	19	18	18	18	18	18	14	19	18	338
TOTAL TETON RIVER	851	966	892	864	836	810	808	794	796	789	801	722	716	612	650	645	624	617	655	657	643	642	631	622	598	613	590	554	515	534	517	21564

DAILY DISCHARGE IN SECOND-FEET OF HENRYS FORK CANALS

PLATE NO. 20

CANAL	SEPTEMBER 1952																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
FALL RIVER CANALS																															
YELLOWSTONE	10	10	9	1	1	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
MARYSVILLE	96	96	96	94	94	94	93	93	93	93	93	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	1605
TOTAL ABOVE SQUIRREL	106	106	105	95	95	99	98	98	98	98	98	5	5	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	1676
FARMERS OWN	37	34	34	34	34	34	34	29	27	26	23	23	18	18	28	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	526
ENTERPRISE	136	140	140	140	134	136	136	136	130	128	128	128	128	128	127	127	127	127	127	125	123	121	123	125	126	127	127	127	127	127	3881
BELL	4	4	4	4	4	5	5	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
FALL RIVER	142	146	146	146	166	166	168	171	171	171	171	184	216	216	216	214	211	211	211	210	208	207	207	207	209	211	211	211	211	211	5746
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
CHESTER	10	10	10	10	12	12	12	12	12	12	12	12	12	12	12	40	47	47	47	47	46	45	0	0	0	0	0	0	0	0	491
SILKEY	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	9	9	9	9	8	8	7	7	7	7	7	7	7	7	7	128
CURR	29	28	28	28	27	21	19	18	18	18	18	18	18	17	16	17	18	18	17	17	17	16	17	18	18	18	18	18	18	18	584
TOTAL SQUIRREL TO CHESTER	359	363	363	363	378	375	375	371	363	360	357	366	393	391	399	438	443	443	411	407	402	396	354	357	360	363	363	363	363	363	11402
HENRYS FORK CANALS																															
DEWEY	12	11	11	11	19	19	19	19	7	7	5	3	1	1	1	1	1	1	1	19	19	19	19	19	19	19	19	19	19	19	359
LAST CHANCE	58	60	60	60	60	60	62	63	63	47	48	46	45	45	45	45	45	45	44	44	43	42	42	42	42	42	42	42	42	42	1466
CROSS CUT	112	112	112	112	112	113	113	117	112	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1127
ST. ANTHONY UNION	395	386	386	386	386	386	386	386	386	353	313	257	237	237	237	229	221	221	221	221	221	221	225	229	229	229	229	229	229	229	8500
FARMERS FRIEND	40	32	30	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	507
TWIN GROVES	96	90	106	106	71	71	57	57	52	72	76	76	64	64	65	66	67	68	69	68	68	67	67	30	30	30	30	30	30	30	1873
SALEM UNION	123	122	120	117	116	116	117	118	118	118	118	120	120	117	114	112	109	110	111	112	113	114	110	107	107	107	107	107	107	107	3414
TOTAL ASHTON TO ST.ANTHONY	836	813	825	807	779	780	769	775	753	724	575	517	482	479	477	468	458	460	461	479	479	478	478	442	442	442	442	442	442	442	17246
EGIN	245	224	226	226	228	216	222	228	226	224	208	194	180	142	104	104	105	112	120	126	132	139	135	131	131	131	131	131	131	131	4983
ST. ANTHONY UNION FEEDER	44	45	45	45	45	45	45	45	45	52	52	54	55	50	46	46	46	44	43	43	43	0	0	42	44	47	47	47	47	47	1299
INDEPENDENT	189	189	191	193	194	191	192	194	194	171	133	112	84	83	82	82	82	105	125	135	146	158	132	106	104	101	101	101	101	101	4072
CONSOLIDATED FARMERS	110	116	116	116	116	114	114	114	142	142	142	118	118	116	114	111	110	110	110	110	110	110	100	84	84	84	84	84	84	84	3267
TOTAL ST.ANTHONY TO REXBURG	588	574	578	580	583	566	573	581	607	589	535	478	437	391	346	343	343	371	398	414	431	407	367	363	363	363	363	363	363	363	13621
TETON RIVER CANALS																															
SIDDOWAY	5	5	5	5	4	5	5	5	5	6	6	6	6	4	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	87
WILFORD	49	61	59	59	56	59	51	51	51	51	63	63	62	61	59	54	53	52	53	54	54	54	54	55	56	56	56	56	56	56	1674
TETON IRRIGATION	54	80	61	66	61	61	59	56	57	58	57	62	64	34	34	34	33	33	33	33	34	34	34	36	39	39	39	39	39	39	1402
GOOD LUCK	6	7	7	7	8	8	8	9	8	8	8	8	12	12	12	12	9	5	5	5	5	4	4	4	4	3	2	2	2	2	196
PIONEER	10	11	11	10	0	0	0	0	0	0	0	0	0	0	12	12	12	0	0	0	0	12	13	12	12	12	0	0	0	0	139
STEWART	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	6	6	6	210
PINCOCK-BYINGTON	8	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	8	7	7	6	6	6	6	4	2	2	2	2	204
PINCOCK-GARNER	8	8	6	7	7	7	7	7	7	8	9	10	10	10	10	8	8	8	5	2	2	2	2	2	2	2	3	3	3	3	176
GARDNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON ISLAND FEEDER	187	218	264	257	259	262	262	262	262	259	259	182	182	179	175	175	175	175	175	175	180	200	220	215	199	200	202	202	202	202	6366
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8	8	7	7	8	8	8	78
ISLAND WARD	4	4	4	4	4	4	0	0	7	6	0	0	0	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	0	57
WOODMANSEE-JOHNSON	17	14	14	21	22	31	29	28	28	28	25	25	25	21	21	19	12	5	5	5	5	5	5	3	2	2	2	2	2	2	425
EAMES-THOMPSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC CORMICK-ROWE	1	1	1	1	1	1	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
CITY OF REXBURG	17	13	16	18	20	26	29	33	29	21	14	21	23	17	17	17	16	14	12	11	11	11	11	11	14	11	11	11	11	11	497
REXBURG IRRIGATION	114	127	154	157	159	166	140	138	142	134	142	142	112	108	104	104	101	98	97	96	96	95	95	95	95	94	93	93	93	93	3477
SAURY-SOMMERS	18	18	18	16	16	16	15	15	9	9	10	10	11	12	12	16	16	16	16	16	17	17	18	16	15	15	14	14	14	14	439
TOTAL TETON RIVER	504	580	633	641	631	661	621	620	621	604	609	545	524	476	477	472	456	427	421	417	431	460	482	475	460	453	439	439	439	439	15457

HEN

DATE	HENRYS LAKE CONTENTS ACRE-FEET	HENRYS FORK NEAR LAKE STORED	HENRYS FORK NEAR LAKE NORMAL	HENRYS FORK NEAR LAKE TOTAL	STORED LOSS LAKE TO ISLAND PARK	STORAGE DIVERSIONS ABOVE ISLAND PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORAGE INFLOW TO ISLAND PARK RESERVOIR
JULY 5								
6								
7								
8						8		-8
9						8		-8
10						8	12	4
11						8	12	4
12						8	12	4
13						8	12	4
14	80,600	76	75	151	3	8	12	77
15		78	72	150	3	8	12	79
16		77	70	147	3	8	12	78
17		77	70	147	3	8	12	78
18		73	68	141	3	8	12	74
19		76	67	143	3	8	12	77
20		71	66	137	3	8	12	72
21		71	65	136	3	8	12	72
22		70	64	134	3	8	12	71
23		71	62	133	3	8	12	72
24		73	60	133	3	8	12	74
25		75	58	133	3	8	12	76
26		77	56	133	3	8	12	78
27		79	54	133	3	8	12	80
28		81	52	133	3	8	12	82
29		82	51	133	3	8	12	83
30	78,000	85	49	134	3	8	12	86
31	77,700	80	47	127	3	8	12	81
AUG. 1		20	111	131	1	8	12	23
2		20	110	130	1	8	12	23
3		20	109	129	1	8	12	23
4		20	110	130	1	8	12	23
5		20	106	126	1	8	12	23
6	77,460	20	148	168	1	8	12	23
7		82	130	212	3	8	12	83
8		100	110	210	4	8	12	100
9		110	100	210	4	8	12	110
10		122	90	212	5	8	12	121
11		130	80	210	5	8	12	129
12		137	70	207	5	8	12	136
13		144	60	204	6	8	12	142
14		156	50	206	6	8	12	154
15		164	40	204	7	8	12	161
16	73,700	171	35	206	7	8	12	168
17		171	35	206	7	8	12	168
18		176	30	206	7	8	12	173
19		176	30	206	7	8	12	173
20	72,100	179	30	209	7	8	12	176
21		181	28	209	7	8	12	178
22		183	26	209	7	8	12	180
23		185	25	210	7		12	190

DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FEET	HENRYS FORK NEAR ISLAND PARK STORED	HENRYS FORK NEAR ISLAND PARK NORMAL	HENRYS FORK NEAR ISLAND PARK TOTAL	STORED LOSS ISLAND PARK TO ASHTON
JULY 6	135,285				
7	135,205				
8	135,205	43	808	851	1
9	135,045	176	790	966	4
10	134,235	570	790	1360	14
11	132,950	610	790	1400	15
12	131,750	640	800	1440	16
13	130,640	620	780	1400	15
14	129,460	450	780	1230	11
15	128,830	181	780	961	5
16	128,515	200	740	940	5
17	128,045	256	700	956	6
18	127,420	340	700	1040	8
19	126,485	290	750	1040	7
20	126,250	386	664	1050	10
21	125,785	390	660	1050	10
22	125,090	400	660	1060	10
23	124,395	650	660	1310	16
24	122,715	1190	660	1850	30
25	120,365	1180	660	1840	29
26	118,115	1160	680	1840	29
27	115,890	1200	640	1840	30
28	113,915	1200	630	1830	30
29	111,735	1190	630	1820	30
30	109,585	1190	630	1820	30
31	107,455	1190	620	1810	30
AUG. 1	105,565	1050	750	1800	26
2	103,490	1060	730	1790	26
3	101,710	1050	730	1780	26
4	99,680	950	730	1680	24
5	98,275	550	730	1280	14
6	97,345	460	720	1180	11
7	96,025	930	670	1600	23
8	94,585	900	660	1560	22
9	92,320	900	650	1550	22
10	91,300	896	644	1540	22
11	89,910	903	637	1540	23
12	88,465	813	637	1450	20
13	87,285	660	630	1290	16
14	86,300	620	620	1240	15
15	85,385	430	610	1040	11
16	84,780	440	600	1040	11
17	84,175	484	556	1040	12
18	83,570	485	555	1040	12
19	82,850	496	554	1050	12
20	82,200	507	553	1060	13
21	81,725	509	551	1060	13
22	81,015	510	550	1060	13
23	80,430	501	549	1050	13
24	79,675	502	548	1050	13

DATE	HENRYS FORK NEAR ASHTON STORED	HENRYS FORK NEAR ASHTON NORMAL	HENRYS FORK NEAR ASHTON TOTAL	GRASSY LAKE STORAGE RELEASE Ⓐ	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY	HENR AT ST STORED
JULY 7						
8					381	-381
9	42	1678	1720		412	-370
10	172	1948	2120		551	-379
11	556	1914	2470		527	29
12	595	1975	2570		382	213
13	624	1986	2610		373	251
14	605	1815	2420		244	361
15	439	1521	1960		274	165
16	176	1684	1860		267	- 91
17	195	1575	1770		259	-6
18	250	1690	1940		393	-14
19	332	1608	1940		394	-6
20	283	1777	2060		400	-11
21	376	1584	1960		406	-3
22	380	1560	1940		388	-
23	390	1530	1920		732	-34
24	634	2026	2660		769	-13
25	1160	1640	2800		747	41
26	1151	1669	2820		737	41
27	1131	1709	2840	81	722	49
28	1170	1670	2840	55	695	5
29	1170	1610	2780	50	720	50
30	1160	1620	2780	50	721	4
31	1160	1660	2820	45	757	4
AUG. 1	1160	1640	2800	66	699	5
2	1024	1816	2840	35	695	3
3	1034	1806	2840	55	673	4
4	1024	1816	2840	40	369	6
5	926	1564	2490	50	366	6
6	536	1544	2080	45	221	1
7	449	1971	2420	55	544	-
8	907	1603	2510	50	629	
9	878	1632	2510	45	595	
10	878	1652	2530	45	561	
11	874	1616	2490	45	512	
12	880	1520	2400	45	495	
13	793	1447	2240	40	491	
14	644	1576	2220	40	478	
15	605	1355	1960	55	476	
16	419	1481	1900	45	484	
17	429	1431	1860	45	488	
18	472	1448	1920	40	466	
19	473	1407	1880	45	478	
20	484	1396	1880	45	478	
21	494	1366	1860	45	500	
22	496	1364	1860	40	488	
23	497	1423	1920	45	487	
24	488	1432	1920	45	466	
25	489	1451	1940	40	451	

HENRYS FORK—DAILY SEGREGATION OF FLOW

24 HOUR SECOND-FEET EXCEPT AS NOTED

FORK SHTON		GRASSY LAKE STORAGE RELEASE Ⓐ	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG	
MAL	TOTAL			STORED	NORMAL	TOTAL	HENRYS FORK	TETON RIVER
			381	-381	1431	1050		37
78	1720		412	-370	1260	890		18
48	2120		551	-379	1364	985		329
14	2470		527	29	1271	1300		382
75	2570		382	213	1737	1950		445
86	2610		373	251	2059	2310		310
15	2420		244	361	1659	2020		33
21	1960		274	165	1405	1570		9
84	1860		267	-91	1291	1200		11
75	1770		259	-64	1124	1060		13
90	1940		393	-143	1313	1170		212
08	1940		394	-62	1262	1200		142
77	2060		400	-117	1527	1410		228
84	1960		406	-30	1290	1260		254
60	1940		388	-8	1208	1200		227
30	1920		732	-342	1452	1110	329	215
26	2660		769	-135	1685	1550	339	237
40	2800		747	413	1467	1880	360	225
69	2820		737	414	1466	1880	379	164
09	2840	81	722	490	1420	1910	325	151
70	2840	55	695	530	1490	2020	50	181
10	2780	50	720	500	1470	1970	220	85
20	2780	50	721	489	1421	1910	264	106
60	2820	45	757	448	1452	1900	260	102
40	2800	66	699	527	1383	1910	256	166
16	2840	35	695	364	1636	2000	264	212
06	2840	55	673	416	1604	2020	0	158
16	2840	40	369	695	1345	2040	0	140
64	2490	50	366	610	1320	1930	0	94
44	2080	45	221	360	1340	1700	0	94
71	2420	55	544	-40	1660	1620	275	89
03	2510	50	629	328	1382	1710	296	123
32	2510	45	595	328	1412	1740	304	125
52	2530	45	561	362	1398	1760	304	118
16	2490	45	512	407	1453	1860	226	91
20	2400	45	495	430	1400	1830	226	48
47	2240	40	491	342	1318	1660	210	54
76	2220	40	478	206	1424	1630	210	40
55	1960	55	476	184	1306	1490	214	35
81	1900	45	484	-20	1360	1340	206	35
31	1860	45	488	-14	1294	1280	206	33
48	1920	40	466	46	1254	1300	206	37
07	1880	45	478	40	1220	1260	224	56
96	1880	45	478	51	1269	1320	196	38
86	1880	45	500	39	1241	1280	216	36
64	1860	40	488	48	1302	1350	220	40
23	1920	45	487	55	1325	1380	200	41
32	1920	45	466	67	1333	1400	204	37
51	1940	40	451	78	1342	1420	204	38

DATE	HENRYS FORK NEAR REXBURG		
	STORED	NORMAL	TOTAL
JULY 8			1190
9	-418	1332	914
10	-388	1152	764
11	-708	1610	902
12	-353	1703	1350
13	-232	2282	2050
14	-59	2409	2350
15	328	1692	2020
16	156	1364	1520
17	-102	1292	1190
18	-77	1069	992
19	-355	1405	1050
20	-204	1404	1200
21	-345	1695	1350
22	-284	1484	1200
23	-235	1295	1060
24	-886	1886	1000
25	-711	2171	1460
26	-172	1692	1520
27	-129	1699	1570
28	14	1976	1990
29	299	1761	2060
30	195	1785	1980
31	119	1791	1910
AUG. 1	86	1794	1880
2	105	1825	1930
3	-112	2212	2100
4	258	1842	2100
5	555	1525	2080
6	516	1284	1800
7	266	1104	1470
8	-404	2034	1630
9	-91	1661	1570
10	-101	1691	1590
11	-60	1920	1860
12	90	1890	1980
13	156	1784	1940
14	78	1772	1850
15	-44	1814	1770
16	-65	1605	1540
17	-261	1731	1470
18	-253	1683	1430
19	-197	1597	1400
20	-240	1650	1410
21	-183	1653	1470
22	-213	1653	1440
23	-212	1632	1420
24	-186	1656	1470
25	-174	1674	1500
26	-164	1654	1490

DATE	HENRYS LAKE CONTENTS	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 PA RESERVOI
	ACRE-FEET	STORED	NORMAL	TOTAL				
AUG. 24		185	24	209	7		12	190
25		185	24	209	8		12	189
26		185	24	209	7		12	190
27		185	24	209	7		12	190
28		185	24	209	7		12	190
29	68,300	188	22	210	8		12	192
30		187	22	209	8		12	191
31		187	22	209	8		12	191
SEPT. 1		185	22	207	7		12	190
2		185	22	207	8		12	189
3		185	22	207	7		12	190
4		185	22	207	8		12	18
5		185	22	207	7		12	19
6		185	22	207	8		12	18
7		185	22	207	7		12	19
8		184	22	206	7		12	18
9		184	22	206	7		12	18
10		184	22	206	7		12	19
11		182	22	204	7		12	18
12	63,460	151	22	173	6		12	1
13		112	22	134	4		12	1
14		114	20	134	5		12	1
15		114	20	134	5		12	1
16		114	20	134	5		0	1
17		114	20	134	5		0	
18		64	20	84	3		0	
19		0	10	10	0		0	
20							12	
21							12	
22							12	
23							12	
24							12	
25							12	
26	63,000						12	
27							12	
28								
TOTAL		8,358			334	368	924	8,

N OF FLOW 1952

ORK KE	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 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 DIVERSIO ST.ANTHONY TO REXB
TOTAL							STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL	HENRYS FORK
209	7		12	190	AUG. 25	79,095	513	547	1060	13	AUG. 26	500	1400	1900	50	434	116	1244	1360	186
209	8		12	189	26	78,345	514	546	1060	13	27	501	1399	1900	35	448	88	1332	1420	185
209	7		12	190	27	77,715	515	545	1060	13	28	502	1398	1900	0	398	104	1336	1440	189
209	7		12	190	28	77,090	517	543	1060	13	29	504	1376	1880		391	113	1307	1420	189
209	7		12	190	29	76,415	478	542	1020	12	30	466	1394	1860		428	38	1362	1400	189
210	8		12	192	30	75,855	415	541	956	10	31	405	1365	1770		428	-23	1323	1300	189
209	8		12	191	31	75,350	421	540	961	11	SEPT. 1	410	1340	1750		409	1	1289	1290	189
209	8		12	191	SEPT. 1	74,965	422	539	961	11	2	411	1379	1790		403	8	1332	1340	189
207	7		12	190	2	74,630	427	539	966	11	3	416	1414	1830		400	16	1384	1400	191
207	8		12	189	3	74,190	437	539	976	11	4	426	1384	1810		603	-177	1597	1420	229
207	7		12	190	4	73,645	437	539	976	11	5	426	1384	1810		571	-145	1565	1420	230
207	8		12	189	5	73,260	437	539	976	11	6	426	1364	1790		577	-151	1571	1420	225
207	7		12	190	6	72,720	442	539	981	11	7	431	1359	1790		559	-128	1588	1460	226
207	8		12	189	7	72,125	511	539	1050	13	8	498	1442	1940		546	-48	1628	1580	228
207	7		12	190	8	71,275	561	539	1100	14	9	547	1373	1920		521	26	1634	1660	256
206	7		12	189	9	70,535	561	539	1100	14	10	547	1393	1940		522	25	1625	1650	233
206	7		12	189	10	69,700	551	539	1090	14	11	537	1523	2060		398	139	1611	1750	195
206	7		12	189	11	69,230	497	583	1080	12	12	485	1475	1960		225	260	1540	1800	112
204	7		12	187	12	68,615	467	583	1050	12	13	455	1405	1860		213	242	1568	1810	84
173	6		12	157	13	68,155	257	583	840	6	14	251	1219	1470		195	56	1694	1750	83
134	4		12	120	14	68,105	106	583	689	3	15	103	1257	1360		194	-91	1691	1600	0
134	5		12	121	15	68,155	138	570	708	3	16	135	1335	1470		222	-87	1507	1420	0
134	5		12	121	16	68,105	155	563	718	4	17	151	1379	1530		0	151	1249	1400	0
134	5		12	121	17	68,105	160	563	723	4	18	156	1314	1470		0	156	1184	1340	0
134	5		0	109	18	67,950	150	563	713	4	19	146	1374	1520		0	146	1254	1400	0
84	3		0	61	19	67,950	145	563	708	4	20	141	1359	1500		0	141	1209	1350	0
10	0		0	0	20	67,645	141	563	704	4	21	137	1313	1450		256	-119	1369	1250	146
			0	0	21	67,390	106	563	669	3	22	103	1347	1450		438	-335	1575	1240	188
			12	12	22	67,390	101	563	664	3	23	98	1372	1470		436	-338	1578	1240	152
			12	12	23	67,290	160	563	723	4	24	156	1444	1600		382	-226	1526	1300	110
			12	12	24	66,740	377	563	940	9	25	368	1592	1960		383	-15	1695	1680	108
			12	12	25	65,945	377	563	940	9	26	368	1552	1920		384	-16	1666	1650	105
			12	12	26	65,160	377	563	940	9	27	368	1532	1900		384	-16	1666	1650	105
			12	12	27	64,385	377	563	940	9	28	368	1552	1920		384	-16	1666	1650	105
			12	12	28	63,470	377	563	940	9	29	368	1552	1920		384	-16	1646	1630	105
			12	12	29	62,900	288	563	851	7	30	281	1319	1600		383	-102	1722	1620	105
	334	368	924	8,580			45,223			1,128		44,095			1,512	37,740	7,867			12,419

Ⓐ LISTED HERE ONE DAY LATER THAN DRAFT

952

PLATE NO. 21

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 ①	STORAGE DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			STORAGE DIVERSIONS ST. ANTHONY TO REXBURG		DATE	HENRYS FORK NEAR REXBURG		
	STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL	HENRYS FORK	TETON RIVER		STORED	NORMAL	TOTAL
79,095	513	547	1060	13	AUG. 26	500	1400	1900	50	434	116	1244	1360	[illegible]	[illegible]	AUG. 27	-128	[illegible]	[illegible]
78,345	514	546	1060	13	27	501	[illegible]	1900	35	448	[illegible]	[illegible]	1420	[illegible]	[illegible]	28	[illegible]	[illegible]	[illegible]
77,715	516	[illegible]	1060	13	28	502	[illegible]	1900	0	398	104	[illegible]	1440	[illegible]	[illegible]	29	[illegible]	[illegible]	[illegible]
77,090	517	[illegible]	1060	13	29	504	1376	1880		391	113	1307	1420	[illegible]	[illegible]	30	[illegible]	[illegible]	[illegible]
76,415	476	[illegible]	1020	12	30	[illegible]	[illegible]	1860		429	[illegible]	[illegible]	1400	[illegible]	[illegible]	31	[illegible]	[illegible]	[illegible]
75,855	418	[illegible]	956	10	31	[illegible]	[illegible]	1770		429	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SEPT. 1	[illegible]	[illegible]	[illegible]
75,350	421	540	961	11	SEPT. 1	410	1360	1770		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]
74,965	422	[illegible]	961	11	2	411	1379	1790		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	[illegible]	[illegible]	[illegible]
74,630	427	[illegible]	966	11	3	416	1414	1830		400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]
74,190	437	[illegible]	976	11	4	[illegible]	[illegible]	1810		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]
73,645	437	[illegible]	976	11	5	[illegible]	[illegible]	1810		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]
73,260	437	[illegible]	976	11	6	[illegible]	[illegible]	1790		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]
72,720	442	[illegible]	981	11	7	[illegible]	[illegible]	1790		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]
72,125	511	[illegible]	1050	11	8	[illegible]	[illegible]	1880		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	[illegible]	[illegible]	[illegible]
71,275	561	[illegible]	1100	14	9	547	1373	1920		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	[illegible]	[illegible]	[illegible]
70,535	561	[illegible]	1100	14	10	547	1393	1940		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]	[illegible]	[illegible]
69,700	551	[illegible]	1090	14	11	537	1523	2060		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	[illegible]	[illegible]	[illegible]
69,230	497	[illegible]	1060	12	12	485	1475	1960		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	[illegible]	[illegible]	[illegible]
68,615	467	[illegible]	1030	12	13	455	1405	1860		613	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	[illegible]	[illegible]	[illegible]
68,185	257	583	840	[illegible]	14	251	1219	1470		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	[illegible]	[illegible]	[illegible]
68,105	106	583	689	[illegible]	15	103	1257	1360		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	[illegible]	[illegible]	[illegible]
68,155	136	570	706	[illegible]	16	135	1335	1470		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	[illegible]	[illegible]	[illegible]
68,105	155	563	718	[illegible]	17	151	1379	1530		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18	[illegible]	[illegible]	[illegible]
68,105	160	563	723	[illegible]	18	[illegible]	[illegible]	1520		0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19	[illegible]	[illegible]	[illegible]
67,950	150	563	713	[illegible]	19	146	1374	1520		0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	[illegible]	[illegible]	[illegible]
67,950	146	562	708	[illegible]	20	141	[illegible]	1500		0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]	[illegible]
67,645	141	563	704	[illegible]	21	137	1313	1450		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	[illegible]	[illegible]
67,390	106	562	668	[illegible]	22	103	1347	1450		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23	[illegible]	[illegible]	[illegible]
67,390	101	562	668	[illegible]	23	96	1374	1470		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	[illegible]	[illegible]
67,290	160	563	723	[illegible]	24	156	1444	1600		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	[illegible]	[illegible]	[illegible]
66,740	377	563	940	9	25	368	1592	1960		[illegible]	-16	[illegible]	[illegible]	[illegible]	[illegible]	26	[illegible]	[illegible]	[illegible]
65,945	377	563	940	9	26	368	1552	1920		[illegible]	-16	[illegible]	[illegible]	[illegible]	[illegible]	27	[illegible]	[illegible]	[illegible]
65,160	377	563	940	9	27	368	1532	1900		[illegible]	-16	[illegible]	[illegible]	[illegible]	[illegible]	28	[illegible]	[illegible]	[illegible]
64,385	377	563	940	9	28	368	1552	1920		[illegible]	-16	[illegible]	[illegible]	[illegible]	[illegible]	29	[illegible]	[illegible]	[illegible]
63,470	377	563	940	9	29	368	1552	1920		[illegible]	-16	[illegible]	[illegible]	[illegible]	[illegible]	30	[illegible]	[illegible]	[illegible]
62,900	288	563	851	7	30	281	1319	1600		[illegible]	-108	[illegible]	1620	106	0				
	45,623			1,128		44,096			1,512	37,740	7,867			15,418	7,072		-11,417		

① LISTED HERE ONE DAY LATER THAN DRAFT AT RESERVOIR.

STO

NAME OF CANAL	NO.	JULY																								
		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
USERS ABOVE ISLAND PARK	1		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
SQUIRREL CREEK CANAL	2				8	6	6	1	5	0	0	0	5	4	5	11	10	11	6	6	7	7	6	9	3	4	4
BOOM CREEK	3				8	8	8	8	0	0	0	0	4	4	4	4	0										
CONANT CREEK	4		26	26	27	27	26	27	0	0	0	0	19	20	20	20	20	20	20	20	20	20	20	20	30	30	20
YELLOWSTONE	5																0	10	10	9	12	12	12	12	14	14	14
MARYSVILLE	6																	233	233	235	233	235	235	240	237	233	213
FARMERS OWN	7		20	30	29	31	30	32	30	29	29	32	35	35	37	34	38	72	72	72	73	73	73	72	72	72	73
ENTERPRISE	8		169	173	175	173	182	182	182	177	175	172	170	169	173	177	166	166	165	175	176	172	167	167	165	165	166
BELL	9				5	4	4	3	2	2	1	1	1	1	0	0	2	1	1	1	2	2	3	4	3	3	2
FALL RIVER	10		12	33	96	58	0	16	25	66	62	54	52	59	59	61	56	24	27	31	26	32	37	32	29	31	26
MC BEE	11																										
CHESTER	12																	43	60	0	0	0	0	32	20	18	20
SILKEY	13																										
CUR	14																			1	5	2	0	7	7	7	
DEWEY	15				20	24	25	24	0	0	0	0	10	6	6	3	3	4	5	6	6	6	6	5	6	20	
LAST CHANCE	16					74	0						47	46	45	44	43	54	58	77	65	65	65	64	64	59	
ST. ANTHONY UNION	17																										
FARMERS FRIEND	18		154	150	183	122	101	80	0	0	0	0	50	50	51	52	50	94	112	116	112	96	71	56	71	102	
TWIN GROVES	19																										
SALEM UNION	20																										
TOTAL ASHTON TO ST. ANTHONY	21		381	412	551	527	382	373	244	274	267	259	393	394	400	406	388	732	769	747	737	722	695	720	721	757	
EGIN	22																	302	312	308	327	300	50	220	264		
INDEPENDENT	23																	27	27	52	52	25	0				
CONSOLIDATED FARMERS	24																										
TOTAL ST. ANTHONY TO REXBURG	25																0	329	339	360	379	325	50	220	264		

ORAGE DIVERSIONS ON HENRYS FORK AND FALL R

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST																																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8																
4	4	5	5	5	4	4	5	6	5	6	5	2	6	4	6	7	6	4	5	6	5	6	6	6	6	6	5	4	3	4	3	3	3	3	3	3	2
20	20	19	19	18	18	17	17	17	17	17	17	17	17	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	18	18	17	17	17	17	17	17	17
14	14	15	0	0	0	16	16	14	13	0	0	12	12	12	0	12	11	11	10	11	11	10	11	11	11	10	10	9	10	11	10	10	9	1	1	5	5
213	226	213	0	0	0	177	169	154	154	156	153	151	138	138	138	139	139	140	138	160	154	133	135	133	133	117	117	116	116	116	96	96	96	94	94	94	93
73	72	72	26	25	20	51	51	51	51	41	37	34	34	34	34	30	30	37	39	39	39	39	39	39	42	37	37	37	35	35	32	29	29	34	34	34	34
166	162	157	152	150	0	0	145	165	165	163	161	159	159	161	163	163	169	161	159	159	155	157	159	159	147	147	122	133	131	133	136	140	140	140	134	136	136
2	2	2	2	3	3	3	2	2	2	2	2	1	1	1	1	1	0																				
26	23	21	20	18	23	1	10	4	8	0																											
20	25	23	0	0	0	82	16	16	15	19	17	13	13	13	13	13	8	8	8	8	8	11	11	16	10	6	6	3	4	4	5	5	5	5	7	7	7
0																																					
20	20	21	21	21	21	21	21	17	17	19	19	19	19	19	17	17	13	13	13	13	13	6	6	6	6	6	6	6	6	6	12	11	11	11	19	19	1
59	59	59	59	60	59	59	59	60	60	61	60	60	60	60	59	59	59	59	58	58	58	57	57	55	55	55	55	55	55	56	58	60	60	60	60	60	6
82	68	66	65	66	73	113	118	89	54	28	24	23	19	18	35	33	17	31	34	32	31	54	28	12	10	50	26	14	50	45	40	32	30	15	15	15	1
																																		106	71	71	5
																																		117	116	116	1
699	695	673	369	366	221	544	629	595	561	512	495	491	478	476	484	488	466	478	478	500	488	487	466	451	434	448	398	391	428	428	409	403	400	603	571	577	5
256	264	0	0	0	0	241	258	266	266	226	226	210	210	214	206	206	206	224	196	216	220	200	204	204	186	185	189	189	189	189	189	189	191	193	194	191	1
					0	34	38	38	38	0																							0	36	36	34	
256	264	0	0	0	0	275	296	304	304	226	226	210	210	214	206	206	206	224	196	216	220	200	204	204	186	185	189	189	189	189	189	189	191	229	230	225	2

L RIVER 1952

PLATE NO. 22

SEPTEMBER 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	NO.	TOTAL SECOND-FEET	TOTAL ACRE-FEET	RESERVOIR RIGHTS FREMONT MADISON	HENRYS LAKE	AMERICAN FALLS OWNED	AMERICAN FALLS LEASED
																									1	368	730	360			
3	2	2	2	2	2	2	3	3	3	3	0	0	0	0	2	2	2	2	2	2	2	2	2	1	2	338	671	100			
																									3	48	95	30			
17	17	17	17	17	17	13	12	12	12	12	0	0	0	0	12	16	16	0							4	1,250	2,479	1,856			
5	5	5	5	5	5	5	5	0																	5	473	938	1,490			
94	93	93	93	93	93	0								0	57	57	57	57	57	57	57	57	57	57	6	7,883	15,635	19,451			
34	34	29	27	26	23	21	13	0																	7	2,747	5,449	8,378			
136	136	136	130	128	128	128	128	128	127	127	0	0	0	0	123	121	123	125	126	127	127	127	127	127	8	11,990	23,782	10,135		12,000	3,000
																									9	78	155	90			
																									10	1,132	2,245	8,204			
																									11	0	0	80			
7	7	7	7	7	7	7	7	7	7	35	0														12	714	1,416	1,275			
																									13	0	0	504			
																									14	29	58	60			
19	19	19	7	7	5	3	0							0	19	19	19	19	19	19	19	19	19	19	15	966	1,916	619	1,110		
60	62	63	63	47	48	46	45	45	45	45	0			0	43	42	42	42	42	42	42	42	42	42	16	3,961	7,856	1,800	10,763		
																									17	0	0	3,498	5,277		
15	10	0																							18	3,438	6,819	5,734			
71	57	57	52	72	70	0									0	67	67	30	30	30	30	30	30	30	19	900	1,785	5,983			
116	117	118	118	118	0										0	114	110	107	107	107	107	107	107	107	20	1,793	3,556	7,759	18,779		
577	559	546	521	522	398	225	213	195	194	222	0	0	0	0	256	438	436	382	383	384	384	384	384	383	21	37,740	74,855	77,006	35,929	12,000	3,000
																									22	0	0	2,398	5,277		
191	192	194	194	171	133	112	84	83	0					0	146	158	132	106	104	101	101	101	101	101	23	11,650	23,107	9,092	20,797		
34	34	34	62	62	62	0									0	30	20	4	4	4	4	4	4	4	24	769	1,525	4,960	15,597		
225	226	228	256	233	195	112	84	83	0	0	0	0	0	0	146	188	152	110	108	105	105	105	105	105	25	12,419	24,632	16,450	41,671		

① FROM FREMONT MADISON IRR. DIST.

② TRANSFER FROM FARMERS OWN TO MARYSVILLE

③ 40 A.F. TO FARMERS FRIEND; 12 TO PIONEER; 142 TO CHESTER; 235 TO DEWEY

④ 100 A.F. FROM FREMONT MADISON DIST.; 142 FROM FALL RIVER CANAL

⑤ TO DEWEY

⑥ 235 A.F. FROM FALL RIVER CANAL; 105 FROM E

⑦ 40 A.F. FROM FALL RIVER CANAL; 130 FROM TW

⑧ TO FARMERS FRIEND

1952

PLATE NO. 22

SEPTEMBER																		NO.	TOTAL		RESERVOIR RIGHTS IN ACRE-FEET						
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		SECOND-FEET	ACRE-FEET	FREMONT MADISON	HENRYS LAKE	AMERICAN FALLS OWNED	AMERICAN FALLS LEASED	RENTALS & EXCHANGE	TOTAL RIGHT	HEADGATE EQUIVALENT
																		1	368	730	360				① 370	730	730
3	3	3	3	0	0	0	0	2	2	2	2	2	2	2	2	2	1	2	338	671	100				① 588	688	671
																		3	48	95	30				① 68	98	95
12	12	12	12	0	0	0	0	12	16	16	0							4	1,250	2,479	1,856				① 950	2,806	2,736
5	0																	5	473	938	1,490					1,490	1,453
13	0						0	57	57	57	57	57	57	57	57	57	57	6	7,883	15,635	19,451				② 35	19,486	19,200
																		7	2,747	5,449	8,378				② -35	8,343	8,135
28	128	127	127	0	0	0	0	123	121	123	125	126	127	127	127	127	127	8	11,990	23,782	10,135		12,000	3,000	⑤ -125	25,050	23,992
																		9	78	155	50				④ 142	192	187
																		10	1,132	2,245	8,204				③ -429	7,775	7,581
7	7	7	35	0														11	0	0	80					80	78
																		12	714	1,416	1,275				④ 242	1,517	1,479
																		13	0	0	504					504	491
0																		14	29	58	60					60	59
							0	19	19	19	19	19	19	19	19	19	19	15	966	1,916	619	1,110			⑥ 570	2,299	2,198
5	45	45	45	0			0	43	42	42	42	42	42	42	42	42	42	16	3,961	7,856	1,800	10,763				12,563	11,829
																		17	0	0	3,498	5,277				8,775	8,351
																		18	3,438	6,819	5,734				⑦ 1,259	6,993	6,819
								0	67	67	30	30	30	30	30	30	30	19	900	1,785	5,983				⑧ -130	5,853	5,707
								0	114	110	107	107	107	107	107	107	107	20	1,793	3,556	7,759	18,779				26,538	25,147
	195	194	222	0	0	0	0	256	438	436	382	383	384	384	384	384	383	21	37,740	74,855	77,006	35,929	12,000	3,000	3,155	131,090	125,707
																		22	0	0	2,398	5,277				7,675	7,278
	83	0					0	146	158	132	106	104	101	101	101	101	101	23	11,650	23,107	9,092	20,797				29,889	28,335
								0	30	20	4	4	4	4	4	4	4	24	769	1,525	4,960	15,597				20,557	19,437
	83	0	0	0	0	0	0	146	188	152	110	108	105	105	105	105	105	25	12,419	24,632	16,450	41,671				58,121	53,050

FROM FREMONT MADISON IRR. DIST.

TRANSFER FROM FARMERS OWN TO MARYSVILLE

⑤ TO DEWEY

⑥ 235 A.F. FROM FALL RIVER CANAL; 105 FROM ENTERPRISE; 230 FROM TETON IRRIG.

S

CANAL	NO.	JULY																								
		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
TRAIL CREEK IRRIGATION CO.	1	32	2	10	22	28	28	28																			
STRING CANAL	2	28	28	24	26	25	25	25	0	0	0	0	24	24	20	20	20	61	61	61	56	56	56	56	47	47	47
GRAND TETON	3								15	15	15	15	16	13	13	13	13	16	15	12	12	12	9	9	6	6	6
SOUTH LEIGH & CACHE	4				0	37	0																				
NORTH LEIGH & SPRING CREEK	5			0	3	22	0					0	28	28	28	20	13	20	15	11	11	11	11	11	11	11	1
																	0	16	13	9	9	9	9	14	14	1	1
TOTAL IN TETON BASIN	6	60	30	34	51	112	53	53	15	15	15	15	68	65	61	53	46	113	104	93	88	88	85	90	78	7	8
EQUIVALENT AT ST. ANTHONY GAGE ①	7		37	18	21	31	69	33	33	9	9	9	9	42	40	38	33	28	70	64	57	54	54	52	55	4	4
CANYON CREEK CANAL	8			0	25	26	25	22	0	0	0	0	17	20	18	17	17	16	16	16	15	15	15	15	14	13	1
CROSS CUT INFLOW	9				0	139	136	132	125	0																	
SIDDOWAY	10																										
WILFORD	11			0	69	76	100	69	0	0	0	0	46	9	8	10	8	29	40	40	9	8	3	0	0	0	
TETON IRRIGATION	12																										
GOOD LUCK	13			0	19	22	21	18	0	0	0	0	4	5	12	11	4	2	1	2	0	0	2	2	3	4	
PIONEER	14			0	7	9	8	6	0	0	0	0	5	0	0	8	5	4	4	2	5	5	6	5	2	1	
STEWART	15			0	12	19	18	20	0	0	0	0	7	8	8	9	7	5	4	2	0	0	0	0	0	0	
EAMES-THOMPSON	16			0	3	3	3	3	0																	0	
GARDNER	17									0	2	4	4	4	4	4	3	3	3	0						0	
PINCOCK-BYINGTON	18			0	10	10	11	11	0	0	0	0	8	5	5	5	5	5	4	5	5	5	5	4	4	3	
PINCOCK-GARNER	19			0	10	14	14	14	0	0	0	0	4	4	6	5	5	5	5	5	5	5	3	5	4	5	
TETON ISLAND FEEDER	20																										
ROXANA	21												0	6	6	6	3	2	0								
WOODMANSEE-JOHNSON	22			0	13	16	19	18	0	0	0	0	7	10	9	11	14	2	2	1	0	0	2	2	1	0	
ISLAND WARD	23			0	57	49	42	4	0	0	0	0	29	29	16	15	14	33	33	33	43	26	26	0	0	0	
CITY OF REXBURG	24			0	13	12	11	11	0																		
REXBURG IRRIGATION	25			0	70	95	104	81	0	0	0	0	72	0	96	115	109	81	55	55	25	33	63	0	23	28	
MC CORMICK-ROWE	26																										
TOTAL BELOW ST. ANTHONY GAGE	27			0	283	325	351	255	0	0	2	4	186	80	170	199	177	171	151	145	92	82	112	18	37	41	
TOTAL TETON RIVER ⑥	28	0	37	18	329	382	445	310	33	9	11	13	212	142	228	254	227	215	237	225	164	151	181	85	106	102	

STORAGE DIVERSIONS FROM TETON RIVER 1952

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST																																								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10
47	37	32	0	0	0	30	40	39	38	39	46	46	37	37	37	37	37	37	37	37	37	37	37	37	41	41	41	41	45	45	45	45	45	45	40	40	40	40	40	40
6	6	4	3	0	0	3	3	3	3	3	3	3	3	3	2	0												0	2	2	2	2	2	2	0					
11	8	8	1	0	0	6	6	6	6	0																														
19	17	11	3	3	0	13	13	11	11	0																														
83	68	55	7	3	0	52	62	59	58	42	49	49	40	40	39	37	37	37	37	37	37	37	37	37	41	41	41	41	47	47	47	47	47	47	40	40	40	40	40	40
48	61	42	34	4	2	0	32	36	36	36	26	30	30	25	26	24	23	23	23	23	23	23	23	23	23	25	26	25	28	29	29	29	29	29	29	25	25	25	25	25
15	15	16	14	13	12	12	11	11	11	11	11	11	10	10	10	9	9	8	8	8	8	9	9	9	9	9	9	9	9	9	8	8	8	8	8	7	7	7	7	8
31	32	18	8	8	2	3	3	4	5	4	0																													
4	7	6	5	3	0	3	2	1	2	4	2	1	0																											
0	0	0	5	0	1	0	0	2	2	2	2	1	0																											
3	10	8	5	3	3	0	0	0	2	5	3	3	0																											
2	3	2	2	0																																				
5	0	0	7	7	4	0										0	5	0	0	0	4	4	0																	
4	5	3	0														0	3	3	3	3	3	3	3	3	3	3	3	3	0										
2	0	2	3	2	0																																			
																																		0	5	3	2	2	
0	28	2	2	2	18	30	30	27	27	6	2	0					0	22	4	2	2	2	2	3	24	18	4	4	4	3	4	4	4	4	4	4	0	0	7	
52	61	59	55	52	52	41	45	42	33	23	2	8	0																			0	24	27	29	36	10	8	12	
103	146	100	92	77	80	77	80	76	71	44	11	13	0	0	0	0	5	28	7	8	9	9	5	6	27	18	7	7	7	3	4	4	28	31	33	45	13	10	21	
166	212	158	140	94	94	69	123	125	118	91	48	54	40	35	35	33	37	56	38	36	40	41	37	38	59	52	41	41	41	41	41	41	65	68	70	77	48	42	53	

① OBTAINED BY DIVIDING FIGURES ON LINE 6 BY 1.625 AND MOVING 1 DAY LATER.

② FROM FREMONT MADISON DISTRICT.

③ FROM FALL RIVER CANAL.

④ BASED ON DELIVERY THE
BE GREATER THAN FIGU
BEING DRAWN DIRECTLY

1952

PLATE NO. 23

	SEPTEMBER																											NO.	TOTAL		RESERVOIR RIGHTS IN ACRE-FEET			
	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		SECOND-FEET	ACRE-FEET	FREMONT MADISON	RENTALS & EXCHANGES	TOTAL RIGHT	HEADGATE EQUIVALENT
75	45	40	40	40	40	40	40	40	36	26	26	0																1	2,399	4,758	3,144		3,144	④ 4,480
2	2	0																										2	466	924	1,339		1,339	1,910
																												3	0	0	880		880	1,252
																												4	318	631	1,007		1,007	1,432
																												5	233	462	372		372	530
7	47	40	40	40	40	40	40	40	36	26	26	0																6	3,416	6,775	6,742		6,742	9,604
9	29	29	25	25	25	25	25	25	25	22	16	16	0															7	2,106	4,177	6,742		6,742	9,604
8	8	8	7	7	7	7	6	6	6	2	0																	8	734	1,455		② 1,500	1,500	1,316
																												9	532	1,055				
																												10	0	0	488		488	428
																												11	642	1,273	2,113		2,113	1,854
																												12	0	0	1,464		1,464	1,285
																												13	172	341	337		337	296
																												14	97	192	151	③ 12	163	143
																												15	164	325	412		412	362
																												16	21	42	120		120	105
																												17	67	133	152		152	133
																												18	158	313	270		270	237
																												19	129	256	432		432	379
																												20	0	0	9,125		9,125	8,010
																												21	23	46	699		699	613
		0	5	3	2	2	2	0																				22	141	280	1,390	⑤ −35	1,355	1,187
4	4	4	4	0	0	7	6	0									0	4	4	4	4	0						23	767	1,521	3,750		3,750	3,290
																												24	47	93	0	⑤ 35	35	31
24	27	29	36	10	8	12	4	12	12	0																		25	1,804	3,578	2,606	② 683	3,289	2,886
																												26	0	0	103		103	90
28	31	33	45	13	10	21	12	12	12	0	0	0	0	0	0	0	0	4	4	4	4	0	0	0	0	0	0	27	4,232	8,393	23,612	695	24,307	21,329
5	68	70	77	45	42	53	43	43	43	24	16	16	0	0	0	0	0	4	4	4	4	0	0	0	0	0	0	28	7,072	14,025	30,354	2,195	32,549	32,249

BASED ON DELIVERY THRU CROSS CUT CANAL. ACTUALLY IN 1952 WOULD BE GREATER THAN FIGURES SHOWN OWING TO MOST OF THE STORAGE BEING DRAWN DIRECTLY FROM TETON RIVER AND TRIBUTARIES.

⑤ 35 A.F. TRANSFERRED FROM WOODMANSEE-JOHNSON TO CITY OF REXBURG.

⑥ TOTAL OF LINES 7, 8 & 27.

PLATE NO. 23A

OPERATION OF CROSS CUT CANAL DURING 1952

24 HOUR SECOND - FEET

LOCATION	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	TOTAL
DIVERTED AT HEAD										319	298	238	292	286	183	224	223	221	215	216	219	214	186	189	145	151	194	197	197	196	157	4,800
INFLOW FROM FALL RIVER CANAL										24	24	24	27	30	29	27	24	14	19	22	24	19	14	14	10	10	10	10	10	19	19	422
NORTH BRANCH DIVERSION										125	127	74	112	112	116	116	115	114	114	113	113	112	103	104	104	104	104	104	105	105	107	2,403
MIDDLE BRANCH DIVERSION										144	101	52	75	96	138	135	132	121	120	125	130	121	97	98	99	97	100	105	102	110	110	2,407
CROSS CUT AT END										0	139	136	132	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	532

LOCATION	AUGUST																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
DIVERTED AT HEAD	190	192	190	189	187	188	166	179	176	180	79	78	122	164	154	150	155	154	119	119	116	101	109	109	114	112	113	116	112	115	113	4,361
INFLOW FROM FALL RIVER CANAL	10	10	10	10	10	10	36	36	30	28	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	28	28	19	19	19	781
NORTH BRANCH DIVERSION	104	105	104	104	102	104	107	106	103	102	107	106	104	104	101	101	103	102	94	96	93	82	84	81	83	81	84	84	80	81	81	2,973
MIDDLE BRANCH DIVERSION	96	97	96	95	95	94	95	109	105	106	2	2	48	90	83	79	82	82	55	53	53	47	55	58	61	61	57	60	51	53	51	2,163
CROSS CUT AT END																																0

	SEPTEMBER																															
DIVERTED AT HEAD	112	112	112	112	112	113	113	117	112	112																						1,127
INFLOW FROM FALL RIVER CANAL	19	19	19	19	19	19	19	19	19	19																						190
NORTH BRANCH DIVERSION	80	80	80	80	80	81	80	83	80	80																						804
MIDDLE BRANCH DIVERSION	51	51	51	51	51	51	52	53	51	51																						513
CROSS CUT AT END																																0

MISCELLANEOUS

STREAM	MAY													JUNE																										
UPPER TETON RIVER	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
TRAIL CREEK ABOVE STRING CANAL	162	170	178	172	162	160	174	202	213	222	250	302	290	292	310	322	343	364	406	417	414	401	372	330	322	302	294	282	[illegible]	245	243	245	236	229	211	197	197	191	192	179
GAME CREEK AT MOUTH							70		101						134	142			170	170			146		134	127			90			100		66		68				60
STRING CANAL ①															116	154				146			152		106	124	122	116	106			101		96		83				78
KIMBALL																60			67				67		67		59		43	46		38	46	30		28	28		26	
RICKS-KIRSLEY																20		42					42		36		28		27	24		27	21	15		15	15			
TOWN																77		77					77		77		61		49	61		45	61	82		45	47		43	
SPENCER																67		77					77		77		58		34	22	36	30	28	28		20	18		16	
HUMBLE																28				24			18		18		18		15	12	11	15	12			11			11	
TONKS																61				60			60		53				30			28				32		28	21	
PORTER (FROM TONKS) ②																30				30			34		24				15			14				16				
FOX CREEK ABOVE DIVERSIONS							66		94						144	178				150			178			178			90			110					66	66		
NORTH CANAL									58	60	90	85			70	85	60	60	50	50	40	40				20	20	20				63		44			36	38	28	
MIDDLE (VAIL) CANAL							10		20						65	68				65			65	65	65	65	65	65	65	34	34	30	30	28	26	24	26	27	30	
SOUTH CANAL							0		6						15	18	18	20	20	18	20	20	18	12	21	13	12	12	12	16	16	16	10	10	8	8	9	9	9	
DARBY CREEK ABOVE DIVERSIONS							133		186		220				270		295			315		305		275	247		219		150	165	192	192	175	165	137	129			110	
HILL CANAL											23		32	52	60		66	55	58			62	66	65	68		64		55	57	61	60	61	58	48	43			40	
TODD											34		40	43	61	67	65		80			82	70	74	80		74		48	50	60	60	61	57	47	42			41	
CANNON											49		49	49	40		77	71				83	77	62			60		25	26	42	40	39	39	34	10	16	14	9	
CHERRY GROVE															40		50						50			35			39		41	41		26		30	27	27	28	
WINGER (WYO.)																																								
TETON CREEK NEAR DRIGGS	305	317	323	291	243	235	289	435	405	418	529	600	544	600	674	702	739	798	906	863	850	820	698	581	604	555	558	518	392	412	469	490	486	415	317	240	256	267	218	
NORTH CANAL							0				11							9		17		29		29		32			35		48		48			42		42		
SOUTH							0				23							16		47		57		52		96			85		96		96			47		47		
CENTRAL							0				8							23		23		26		17		20			20		14		14			20		20		
WADDELL							0				23							37		50		50		30		29			30		30		30			14		14		
TOTAL WYOMING DIVERSIONS											65							85		137		162		128		177			[illegible]		188		188			123		123		
GRAND TETON CANAL	140	149	171	160	149	165	196	282	276	251	282	305	291	310	280	266	385	362	353	446	448	448	360	336	365	291	312	244	201	244	324	360	268	218	151	124	154	156	125	
TETON CREEK BELOW GRAND TETON CANAL	185	165	191	123	101	90	110	215	209	218	280	299	295	268	372	394	394	390	355	488	347	452	303	183	197	156	170	123	96	35	76	104	76	66	41	21	26	26	13	
CENTRAL CANAL (IDAHO)											64						70	56		60		60		28		34			23		60		9			9	9			
PRICE-FAIRBANKS													50			50		44				60		58		39			19		10					0				
CHRISTENSEN-CORDON													8			8		6						0		0			0		0					0				
SOUTH LEIGH CREEK AT STATE LINE							111			138					250			215		330		400			160				130		96		99			52				
LEIGH CREEK CANAL EAST OF STATE LINE															110			104				140			75				48		83					57				
BIG HOG CANAL							56			75					103			101		99		120			70				38	75	75					41				
PEACOCK (FROM BIG HOG)							5								17			17				17			21						17					21				
LITTLE HOG							10			10					10			10		3		9			8				6		6					8				
LON FULLMER							0			0					2			3		0		2			2				2		2					2				
KILPACK							2								2			2		0		0			0				0		2					2				
DESERT							10								41			48				48			37				37		27					19				
NORTH LEIGH CREEK AT FOREST BOUNDARY										315					310			285		330		310				200			180			163					112			
SPRING CREEK AT HIGHWAY							130		160	175	200		200		190		175	190	250	250		200	200				145			101		88	100			68	92			
TETONIA CANAL							8												28			30		30			30			40		30				30				
BADGER CREEK 2 MILES EAST OF HONEYDALE SCHOOL							164			217					230			176				260							105		101						42			
CANYON CREEK CANAL	0	0	19	19	22	22	17	19	38	0	0	0	0	25	41	54	53	54	0	54	53	54	54	54	54	53	54	53	54	54	52	51	52	51	50	50	54	54		
NORTH FORK OF INDIAN CREEK		48																														74								
SOUTH FORK OF INDIAN CREEK		32																																						
PALISADE CANAL	81									55						38								126																
PALISADE CREEK BELOW CANAL																																								
RAINEY CREEK ABOVE DIVERSIONS	130															127							92							63										
BOOM CREEK CANAL									0																							0								
SQUIRREL CREEK CANAL									0																							12	5	5	6	7	11	13		
CONANT CREEK CANAL									0																							32								
SHERIDAN CREEK ABOVE DIVERSIONS																																								
MORAIN CREEK																																								
SHERIDAN CREEK AT HIGHWAY 22																																								

FROM WARM CREEK.

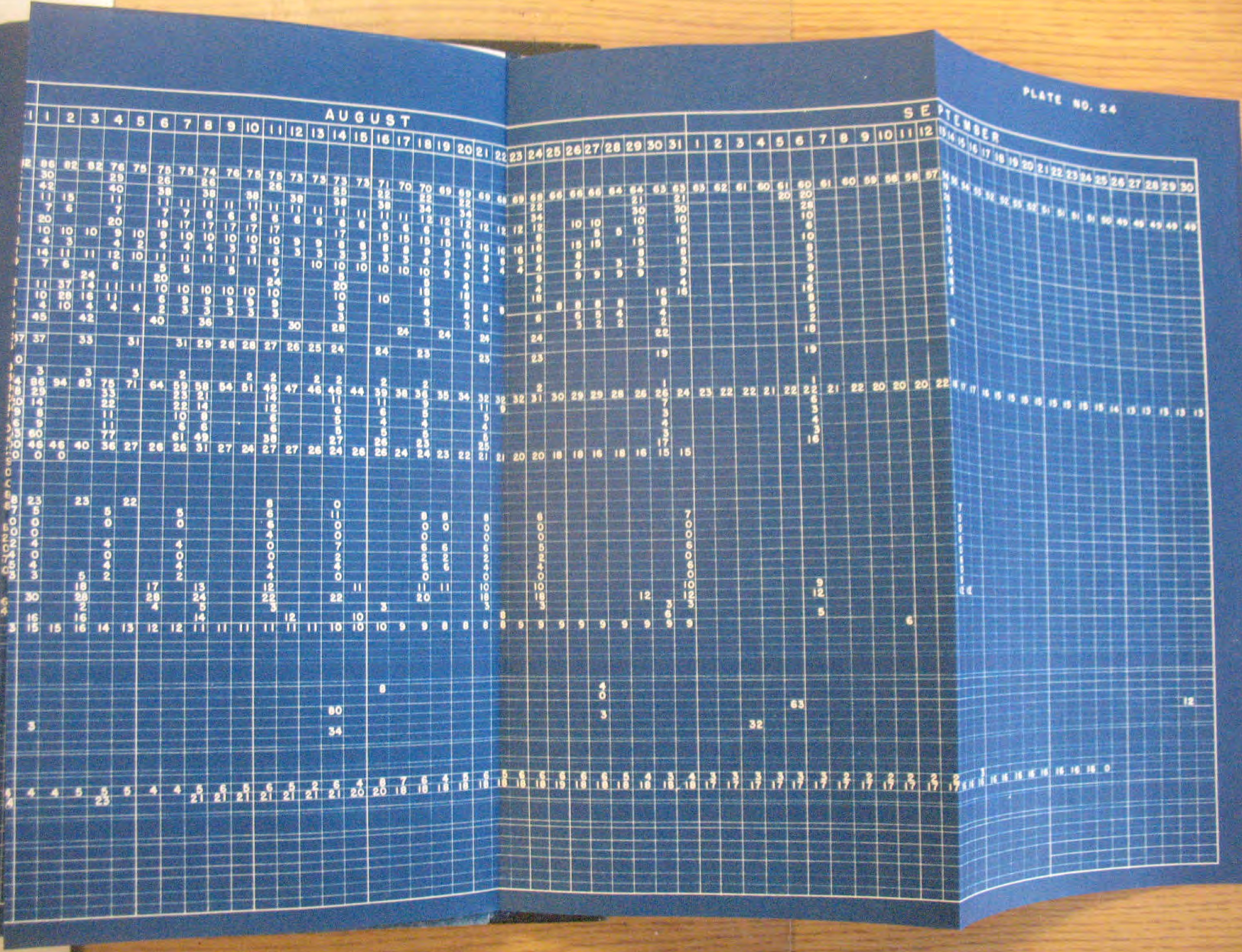
② SUPPLIED AT TIMES THRU DITCHES OTHER THAN TONKS.

LLANEOUS STREAMFLOW RECORDS 1952

24 HOUR SECOND-FEET

E														JULY																																						
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	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8
245	243	245	238	229	211	197	197	191	182	178	174	178	174	166	164	168	156	154	152	144	136	139	133	131	128	124	119	115	113	110	106	106	103	100	98	96	94	90	89	88	86	83	82	80	85	82	82	78	75	75	75	74
		100		96		68				60			80	76	76					70			60		60		46		42		43		40			40			37		33		32		30			29		25		26
		101		96		83				78			83		74					70	98		66		62		55		93		53	50	50			52	50		48		44		42		42			40		38		38
48		38	48	30		28	28		26	28	23		30		30	29					20		20		20		18		18		16		16	16	16	16			15		14		12		11	15		11		11	11	11
24		27	21	15		15	15			15	12		15		13	12			28		10		11		11		8		10		10		10			7			7		7		7		7	6		7		7	7	6
61		45	61	52		45	47		43	43	38		38		38	44			11		26		35		35		29		27		25		25		25	25			22		23		21		20			20		19	17	17
22	36	30	28	28		20	18		16	20		18	19	18	18	15	15		40	16	13		14		14	13	13		13		13		13			12					11		10		10	10	10	9	10	9	10	10
12	11	15	12			11			11				10		10	10	10			9	8		8		8		8		7		8				4	4	3	3		11	4		4		4	5		4	2	4	4	4
		28				32		28	21	22		28	25		34	32	25	25	32	28	22		23		22		19		20		19				19	16		16			16		14		14	11	11	12	10	11	11	11
		14				16							13		16			13					12						9		8					7		7			7		7		7	6		6		5	5	
		110					66	66		69			66					62			54			48			46			41		43	43		32		30		30		28		28				24			20		
		63		44			36	36	28	28			36	40	40	39	37	36	37	28	23	24	22	22	20	20	19	18	18	18	18	17	16	16	17	16	16	15	14	13	12	12	11		11	37	14	11	11	10	10	10
34	34	30	30	28	26	24	26	27	30	28	24	32	31	28	27	26	27	24	26	22		20		18	20	19	20	18	17	16	16	14	12	11			11		11	11	10	10	10		10	28	16	11		6	3	3
16	16	16	10	10	8	8	9	9	9	8	8	10	10	9	9	9	9	9	8	7	9	4	7	7	6	6	6	5	5	5	5	4	4	4	6	6	6	4	4	4	4	4	3		4	10	4	4	4	2	3	3
165	192	192	175	165	137	129			110	110	110		147	155	132	132		132		105	98		96	85	80		74	74	80	74	74	65	65		65		58		54		54		48		49		42			40		
57	61	60	61	58	48	43			40	40	40		54	52	47	44		45		33	30	28	28	28	28	25	18	14	14	12	0	0	0	0																		
50	60	60	61	57	47	42			41	40	40		49	49	46	45		45		39	37	35	37	38	38	37	36	37	37	37	42	41	41	40	40	39	38		34	31	31		29	37	37		33		31		31	
26	42	40	39	39	34	10	16	14	9	8	8		21	19	15	13		14		5	4	4	0																													
	41	41		26		30	27	27	26	26	26		26	30	25	26		19		16	16	15	16	14	11	14	14	15	15	13	11		16		18		12			9	9		9	0								
														0				6		6	6	6	6	6	6	6	6	4	4	3	3		6				6								3		3		3		2	
412	469	490	486	415	317	240	256	257	218	210	228	337	361	352	352	320	323	346	349	272	236	240	251	225	210	195	181	167	179	170	143	139	135	125	124	115	116	118	110	100	89	84	77	74	86	94	85	73	71	64	59	
	48		48			42		42			40			31		29		31		40		42			40		25		23	31				27			22		22		18	20		18	25			33			23	
	96		96			47		47			47			57		57		57		78		78			57		39		37	33				25			24		24		12	27	22	23	14			22			22	
	14		14			20		20			20			14		14		20		11		24			24		21		20	20				13			11		10	9	9	9		9	[illegible]			11			10	
	30		30			14		14			13			19		17		19		16		17			17		11		11	11				8			8		7		6	6		5	[illegible]			11			6	
	188		188			123		123			120			121		117		127		145		151			138		96		91	95				73			65		63		45	62		53	60			77			61	
244	324	360	268	218	151	124	154	156	125	127	132	216	214	224	248	203	207	220	180	153	122	124	136	135	128	117	108	99	102	96	92	94	71	76	81	71	72	72	73	73	62	51	51	40	46	46	40	36	27	26	26	
35	76	104	76	66	41	21	26	26	13	13	13	58	62	60	58	42	46	49	36	36	13	13	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	60		8			9	9				8	9	14	18		28		28		28		10	0																													
	10					0								5						5		0																														
	0					0								0						0		0																														
	96		99			52							86	99		86		61			45		41	52	50		45		32	30		32				23		22				18		18	23		23		22			
	83					57							66	39		39					47		25	12			14			17			15			14	10		11					17	5			5			5	
75	75					41							63	36		29					29		20	0			14			10			10			9			0					0	0			0			0	
	17					21							21	10		6					10			0			5			6						6			0		0			0	0							
	6					8							2	2		6					6		4	4			3			3			2			2			6		6			4	4			4			4	
	2					2							2	2		3					10		4	4			4			4			4			4			4		4			4	0			0			0	
	2					2							2	2		2					2		9	9			9		12	13			13			13			3		3			5	4			4			4	
	27					19							27	27		27					19			13			13			13			9			8								3	3		5	2			2	
		163					112						106			92		72			65		60		49		42			40				42		29		25					18				18			17		
101		88	100			68	92		94			87		71		60		50		50	50	50		46		43		41		40	35	30		30	27			30			26		26		10		28			28		
40		30				30							19			19			19		15	5				5			3		3		3		5	5					3		2				2			4		
	101						42						48		48					54				46			36			23			22									17			15		16					
54	52	51	52	51	50	50	54	54	46	51	48	48	43	41	38	38	38	34	32	29	26	25	25	26	25	22	21	20	19	18	17	20	18	17	17	18	16	16	15	15	15	15	14	13	15	15	16	14	13	12	12	
		74											38									32													19								15									
													27									15													1																	
																62																																				
																89				55									20																1							
63														50																				38																		
		0																											6		4			4																		
		12	5	5	6	7	11	13	13	14	13	14	14	14	14	14	13	13	12	13	10	9	8	6	6	1	5	4	6	7	5	4	5	11	10	11	6	6	7	7	6	9	3	4	4	4	5	5	5	4		
		32																							31	30	31				24	25		25		25						24		24				23				
																																											28									
																																											3									
																																											16									

PLATE NO. 24


AUGUST
SEPTEMBER
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 26 27 28 29 30

Daily discharges in second-feet, of JACKSON LAKE at MORAN, WYOMING for the year ending September 30, 1932

Plate 25

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	618620	639990	660030	690180	690180	610740	515150	412350	728480	850300	628200	422030
2	617670	640230	661000	689930	690660	606920	510040	421800	740840	850050	620770	414590
3	619340	640470	662210	689690	690910	603810	505400	427890	756740	850050	614320	406990
4	620060	640710	663660	689200	691150	600470	499160	437360	766200	848250	608590	398940
5	620770	641190	664630	688960	690660	597390	492240	447820	777460	844930	603810	391790
6	621490	641430	665360	688960	686760	594060	484850	458740	793510	841880	596910	384040
7	621730	641670	666570	688710	684570	590270	478890	468350	808140	837300	589800	375400
8	622200	641910	667290	688470	681640	586950	472930	477280	817480	832210	583150	368120
9	622440	641910	668260	687980	677980	583630	465370	487620	826610	824830	576040	359780
10	622920	642150	668260	687740	674570	580310	459870	495010	834760	815720	568500	351230
11	623400	642630	670680	687740	671410	577220	454640	502160	839340	806370	562380	343610
12	623880	644080	671410	687740	667780	574160	449180	509800	843150	799040	556720	336230
13	624360	645040	672140	687490	663900	569680	443730	519330	847480	792750	551080	331030
14	624840	645760	672860	687490	660510	565200	438270	530020	850300	787240	546400	327990
15	625320	647440	673840	687740	657360	560260	433080	541490	852610	781720	541960	327340
16	627240	648890	674810	687740	653730	556020	428120	551080	851580	773690	536810	326910
17	627960	649370	676030	687980	651800	551550	422480	560260	850820	765210	531190	326480
18	628440	649860	677010	687980	648890	547110	417520	568740	851580	756240	524680	326260
19	628920	650100	678230	687980	645520	543360	412800	576750	851840	747530	517470	322610
20	631090	650580	679690	688230	642150	539380	407880	585760	851580	739860	510040	318920
21	632050	651550	680670	688470	639020	534700	404080	598100	850560	730960	502400	315320
22	633010	652280	683100	688470	635900	529790	400280	608110	849530	722550	494550	311450
23	634220	653000	684810	688710	632530	529560	395810	616950	849530	713950	487160	307590
24	634940	653970	686030	688960	629160	530730	391570	625800	850050	703630	480260	303540
25	636860	654940	686760	689440	626040	531660	388030	635420	852350	693100	474070	299300
26	637820	655910	687490	689690	623160	532600	388910	647440	852610	683350	467430	294840
27	638060	656640	687740	689690	620060	533530	390680	659060	851840	673600	460550	289540
28	638300	657360	689200	689930	617190	534240	393350	671410	850820	664140	451910	286150
29	638780	658330	689440	689930	613840	532360	399610	684320	850300	654940	445320	282560
30	639270	659300	689690	689930		528400	406320	699460	850300	645280	437810	281730
31	639510		690420	690180		520030		714190		636380	429920	

Mean												
Acre-Feet												

U. S. GOVERNMENT PRINTING OFFICE 16—00000-1

Year or Period

Mean ____

Acre-Feet ____

Daily discharge, in second-feet, of SNAKE RIVER at MORAN, WYOMING *for the year ending September 30, 1922*

Plate 26

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1870	303	38	613	624	2320	4000	545	68	2780	5960	4800
2	320	303	38	613	624	2320	3980	545	387	2530	5140	4680
3	303	295	38	613	624	2320	3960	540	1740	2920	4460	4670
4	303	292	38	613	948	2310	3950	545	2130	4240	3980	4790
5	307	288	38	613	1670	2310	3950	550	2140	4280	4310	4900
6	307	288	38	613	2020	2310	3910	550	2740	4610	4960	4980
7	307	284	38	613	2020	2300	3890	555	3670	4950	4480	5140
8	307	284	38	618	2210	2300	3860	560	4180	5300	4720	5110
9	307	284	38	618	2390	2290	3840	560	4320	6980	5000	5190
10	307	199	38	618	2390	2290	3820	560	4850	7440	4640	5170
11	307	38	38	618	2390	2290	3810	560	4870	7010	4220	4670
12	307	38	38	618	2400	2710	3780	565	4260	6130	3940	3850
13	307	38	38	618	2400	3080	3770	336	4010	5720	3430	2520
14	307	38	38	618	2390	3060	3750	65	4190	5190	3160	1200
15	307	38	38	618	2390	3050	3740	64	5460	5490	3200	867
16	307	38	38	624	2390	3050	3720	64	4920	6420	3430	740
17	307	38	38	624	2380	3040	3700	65	3880	6640	4130	668
18	307	39	38	624	2380	3040	3670	67	4160	6570	4670	1510
19	307	39	38	624	2380	3020	3640	67	4400	6470	4680	2510
20	307	39	38	624	2380	3020	3630	67	4640	6520	4700	2400
21	307	39	38	624	2360	3010	3610	67	4300	6300	4840	2500
22	307	39	38	624	2360	1550	3600	68	3580	6270	4790	2540
23	307	39	38	624	2350	95	3590	68	3120	6710	4540	2640
24	307	39	38	624	2350	95	3580	68	2480	7330	4430	2570
25	307	39	38	624	2340	92	2100	68	2680	7100	4280	2810
26	307	39	326	624	2340	92	1230	68	3420	6930	4300	2950
27	303	39	613	624	2330	92	1150	68	3650	6790	4500	2690
28	303	38	613	624	2330	904	734	68	3370	6590	4680	2390
29	303	38	613	624	2320	2880	520	68	2930	6490	4800	1600
30	303	38	613	624		3710	520	68	2820	6320	4780	39
31	303		613	624		3880		68		6080	4790	
Mean	357	120	140	620	2,086	2,220	3,233	264	3,446	5,842	4,450	3,103
Acre-Feet	21,950	7,120	8,610	38,120	120,000	136,500	192,400	16,220	205,000	359,200	273,600	184,600

Year ~~or Period~~ Mean 2,154

Acre-Feet 1,563,320

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

Plate 27

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6240	3350	2940	2940	3080	4510	6000	17300	17600	11800	11300	8050
2	5870	3140	2980	2920	3180	4480	6180	18600	18400	11500	11200	7990
3	4510	3220	2960	2750	3080	4430	6160	20300	19600	11000	10400	7810
4	4270	3350	2940	2700	3060	4460	6110	22200	21100	11200	9760	7780
5	4240	3370	2940	2880	3120	4510	6160	23000	22300	12200	9020	7960
6	4170	3260	2860	2660	3590	4410	6290	22200	23700	12300	9250	8020
7	4000	3220	2680	2860	4070	4430	6480	21400	24800	12400	9570	8050
8	3910	3260	2570	3200	4190	4430	6920	20200	25500	12100	9020	8170
9	3870	3290	2320	3040	4340	4480	6920	18500	25300	12400	9280	8080
10	3820	3260	2320	3060	4560	4460	6830	16700	25000	13600	9570	8140
11	3870	3310	2500	3100	4560	4560	6890	15900	23800	14200	9180	8170
12	3820	3310	2560	3120	4680	4480	7110	16500	22500	14000	8710	7840
13	3840	3240	2490	3180	4680	4730	7320	18000	20700	13900	8290	7110
14	3820	3220	2390	3140	4580	5220	7520	19100	19300	13000	7750	6030
15	3820	3160	2420	3100	4560	5200	7840	18900	18700	12100	7430	4810
16	3910	2880	2560	3100	4660	5250	7600	17700	18800	12200	7340	4360
17	3820	2710	2540	2900	4730	5250	8140	15700	16600	12500	7430	4190
18	3730	2540	2260	2850	4660	5200	8990	14600	15200	12600	7990	4000
19	3730	2610	2220	2980	4600	5250	9860	14100	15400	12400	8380	4290
20	3870	2920	2240	3040	4510	5090	10800	14600	15300	12300	8290	5350
21	3940	3020	2390	2980	4580	5120	11600	16200	15400	12100	8200	5300
22	3890	3020	2390	2900	4510	5090	11000	15900	14800	11600	8350	5350
23	3840	2940	2390	2980	4530	4120	11300	14300	13100	11500	8230	5380
24	3800	2900	2440	3020	4480	2700	12400	13700	13300	11900	8080	5430
25	3840	2850	2310	3040	4410	2470	13900	14200	13500	12200	7960	5380
26	3840	2860	2470	3080	4430	2400	14000	15600	12900	12000	7720	5460
27	3770	2900	2540	3080	4580	2340	14700	16200	13000	11900	7780	5640
28	3680	2940	2830	3040	4580	2320	16600	15800	13000	11700	7900	5480
29	3640	2960	3020	2980	4460	2470	18100	16800	12300	11300	8080	5170
30	3590	2960	3100	2880		4700	17000	18400	12000	11200	8080	4810
31	3520		3100	3040		5790		18100		11000	8020	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	4,015	3,066	2,602	2,985	4,243	4,334	9,557	17,440	18,100	12,200	8,631	6,320
Acre-Feet	246,900	182,400	160,000	183,600	244,100	266,500	568,700	1,073,000	1,077,000	750,000	530,700	376,100

U. S. GOVERNMENT PRINTING OFFICE 16-60098-1

Year ~~Season~~ Mean 7,794

Acre-Feet 5,659,000

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

Plate 28

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6560	3840	3340	3530	3400	4780	6190	18800	18500	12500	11400	8330
2	6560	3590	3360	3290	3420	4820	6440	19800	19000	12200	11800	8360
3	5190	3590	3380	3030	3400	4800	6500	22000	20200	11700	11100	8210
4	4720	3750	3290	3000	3340	4750	6470	24100	21700	11500	10300	8120
5	4650	3840	3340	3100	3290	4850	6530	25200	22700	12600	9760	8210
6	4600	3750	3290	3070	3620	4820	6640	24400	24100	12700	9200	8300
7	4450	3700	3170	3300	4330	4820	6880	23500	25400	12800	10100	8330
8	4330	3700	2970	3500	4480	4820	7370	22000	26400	12700	9520	8440
9	4250	3750	2720	3370	4600	4780	7510	20200	26500	12400	9430	8360
10	4180	3750	2790	3400	4900	4820	7460	18300	26000	13700	9760	8360
11	4230	3770	2880	3450	4950	4900	7480	17200	25200	14400	9580	8440
12	4210	3810	2900	3480	4950	4880	7750	17500	23300	14800	9170	8330
13	4180	3770	2850	3500	5060	4900	7950	18900	21800	14300	8820	7720
14	4160	3660	2750	3500	4950	5480	8210	20300	20200	13700	8380	6880
15	4160	3620	2780	3450	4900	5500	8590	20200	19500	12700	7920	5420
16	4250	3420	2880	3450	4980	5530	8380	19000	19700	12200	7750	4780
17	4210	3190	2850	3300	4980	5590	8700	17100	18100	12700	7750	4520
18	4110	3050	2600	3250	4950	5590	9520	15800	16300	12700	8090	4300
19	4060	3090	2600	3350	4880	5590	10400	15200	16300	12700	8640	4180
20	4160	3250	2700	3400	4820	5480	11400	15300	16200	12500	8620	5670
21	4280	3420	2700	3350	4850	5480	12200	17000	16300	12500	8560	5670
22	4300	3440	2780	3250	4800	5400	11900	17200	15700	12000	8620	5750
23	4280	3380	2800	3280	4820	5210	12100	15700	14300	11900	8670	5750
24	4250	3230	2900	3300	4720	3380	13100	14700	13900	12000	8440	5830
25	4280	3170	2910	3320	4700	2870	14800	14900	14400	12600	8360	5830
26	4280	3210	2910	3350	4700	2760	15600	16300	14000	12400	8120	5830
27	4180	3270	3030	3350	4820	2690	15900	17400	13900	12200	8040	6020
28	4110	3310	3170	3350	4880	2650	17900	17000	13900	12100	8210	5970
29	4040	3340	3480	3300	4780	2650	19600	17600	13300	11800	8300	5610
30	4020	3340	3550	3250		3860	18700	19100	12700	11500	8380	5500
31	3950		3550	3340		5990		19300		11400	8330	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	4,425	3,500	3,007	3,327	4,527	4,659	10,270	18,740	18,980	12,580	9,004	6,701
Acre-Feet	272,100	208,300	184,900	204,600	260,400	286,500	611,200	1,152,000	1,130,000	773,400	553,600	398,700

U. S. GOVERNMENT PRINTING OFFICE 16—60008-1

Year or Season
Mean 8,314
Acre-Feet 6,035,700

Daily discharge, in second-feet, of SNAKE RIVER near SHELLEY, IDAHO *for the year ending September 30, 1952*

Plate No. 29

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4750	5310	4690	4700	4610	5800	7390	23800	18000	13300	4970	3920
2	4970	5120	4780	4450	4810	5750	7670	23900	16900	11700	5310	3900
3	5090	4840	4840	4000	4750	5800	7840	24500	16300	9470	6310	3750
4	4380	5030	4810	3700	5030	5950	7900	26000	16600	7560	6020	3570
5	4380	5310	4750	3400	4900	5950	7970	28000	17500	6310	5090	3480
6	4520	5310	4750	3050	4890	5800	8110	29200	18000	6050	4440	3370
7	4690	5150	4720	3050	4750	6000	8420	29200	19300	5470	4000	3460
8	4520	5060	4640	3500	4900	6000	8840	28500	21300	4870	4360	3480
9	4380	5060	3680	3700	5200	6100	9360	26800	22800	4200	4000	3330
10	3970	4940	2900	3850	5300	6200	9500	24000	22900	4200	4220	3370
11	3850	4870	2800	4100	5500	6250	9400	20500	23000	4970	4900	3710
12	3920	5000	3100	4400	5700	6250	9360	18100	22200	7000	4970	4220
13	4070	5060	4000	4700	5600	6270	9610	17400	20400	8180	4750	4720
14	4170	5120	4250	4650	5500	6400	10000	17700	18100	9010	4520	4550
15	4270	5120	4200	4750	5650	6600	10300	18700	16800	8450	4100	4170
16	4410	5030	4050	4750	5920	6800	10800	19000	16200	7000	3660	3170
17	4550	4610	3900	4200	5630	7230	10400	18000	16000	6110	3350	2520
18	4550	4380	4100	4100	5600	7530	11000	15900	13800	5990	3330	2160
19	4490	4440	4300	4000	5800	7230	12100	14400	12100	5190	3370	1830
20	4380	4640	4250	3900	5700	7000	13300	13800	11800	5570	3710	1680
21	4550	5220	4000	3800	5600	6800	14500	14600	11900	5790	3800	2320
22	4840	5190	3750	3900	5400	6570	15200	17000	12900	5380	3900	2670
23	5090	5380	3600	4200	5700	6540	14800	18600	12800	4660	4000	2560
24	5190	5220	3850	4300	5500	6630	15200	18000	12500	4220	4100	2290
25	5280	4870	3800	4500	5300	5410	16400	16800	14300	4520	3950	2370
26	5510	4490	3950	4600	4800	4750	18200	16500	16100	5090	3870	2510
27	5600	4720	4050	4700	4800	4660	19000	17600	16800	5310	3750	2940
28	5630	4690	4100	4600	5200	4550	20000	18200	17100	5600	3550	3310
29	5470	4840	4400	4600	5600	4380	22200	17600	16600	5510	3620	3480
30	5470	4810	4700	4600		4380	23900	18300	15300	5190	3590	3420
31	5380		4900	4580		5700		18500		5030	3800	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	4,720	4,961	4,149	4,172	5,298	6,041	12,290	20,290	16,880	6,352	4,236	3,208
Acre-Feet	290,200	295,200	255,100	256,500	304,700	371,500	731,200	1,248,000	1,004,000	390,500	260,400	190,900

U. S. GOVERNMENT PRINTING OFFICE 16—00066-1

Year ~~or~~ ~~Period~~

Mean 7,712

Acre-Feet 5,598,200

Daily discharge, in second-feet, of BLACKFOOT RIVER near BLACKFOOT, IDAHO for the year ending September 30, 19 52.

Plate No. 30

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	183	424	429				380	746	146	285	86	59
2	198	475	442				390	722	116	286	68	58
3	235	520	424				398	693	50	245	79	68
4	252	580	405			258	404	686	30	164	102	60
5	337	600	407	226			404	692	36	78	65	43
6	448	420	386		250		412	697	37	49	58	38
7	431	350	384				434	704	27	49	63	40
8	372	319	358				466	622	31	32	65	46
9	273	431	350				480	512	56	22	82	43
10	239	614	340				511	527	42	16	82	41
11	229	638	330				531	539	51	13	91	60
12	246	661	320				523	544	86	16	130	130
13	265	632	310				539	564	90	60	120	167
14	293	685	296				550	428	81	90	129	186
15	382	693	288				556	379	113	56	112	317
16	463	670	272				567	398	193	55	67	320
17	452	662	265				560	430	231	46	72	262
18	419	565	255				544	393	92	29	75	102
19	420	524	250				561	328	94	40	55	40
20	420	535	250				586	304	68	73	66	35
21	420	474	250				598	353	80	67	68	25
22	420	441	250				617	452	102	49	60	20
23	420	464	250				619	648	107	43	51	27
24	420	462	250				664	681	230	28	53	41
25	420	434	250				670	596	552	28	60	22
26	420	454	250				670	462	700	43	56	35
27	420	462	250				678	461	736	73	60	53
28	420	450	250				688	314	709	118	65	74
29	420	435	250				705	318	511	117	65	80
30	420	432	250				729	216	314	92	64	81
31	420		250					164		98	56	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	361	517	307	Est. 240	Est. 250	Est. 270	548	502	190	79.4	75.0	85.8
Acre-Feet	22,170	30,760	18,860	14,760	14,380	16,600	32,600	30,890	11,330	4,880	4,610	5,100

U. S. GOVERNMENT PRINTING OFFICE 16—60006-1

YEAR ~~or Period~~ Mean 285

Acre-Feet 206,940

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

Plate 31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3380	5480	4910	4650	4550	5730	6860	23800	14600	12900	1470	1110
2	3740	5410	4970	4650	4730	5640	7420	23400	13500	11200	1590	1060
3	4100	5330	4930	3910	4690	5600	7610	23500	12300	8910	2500	1060
4	3920	5330	4970	3350	4950	5880	7740	25300	12300	6080	3400	1060
5	3820	5560	4880	3280	4780	5920	7840	25900	13000	4040	2590	920
6	4040	5690	4800	2890	4740	5690	7920	27700	13600	2680	1820	840
7	4350	5650	4530	3310	4620	5900	8150	28300	14400	2220	1210	850
8	4170	5480	4350	3650	4780	5920	8560	27700	16100	1580	1270	856
9	3980	5390	3380	3870	5140	5980	9020	26300	18300	1020	1210	968
10	3740	5440	2710	3870	5240	6160	9400	23800	18800	581	1220	920
11	3400	5390	2630	4170	5370	6180	9340	20300	18900	679	1790	1160
12	3450	5460	3080	4440	5670	6100	9340	17000	18800	1280	2200	1840
13	3700	5460	4150	4620	5520	6100	9540	15000	17600	2940	2220	2600
14	3840	5580	4420	4550	5440	6200	9900	14600	15400	3930	1970	3100
15	4100	5580	4280	4690	5520	6470	10300	15400	14000	4080	1900	2880
16	4400	5520	4100	4730	5790	6640	10600	16200	13200	3050	1740	2270
17	4690	5290	3960	4110	5480	6860	10600	15700	13200	1940	1100	1520
18	4760	4730	4150	4100	5520	7420	10600	13800	11400	1670	984	944
19	4740	4560	4470	4040	5730	7150	11400	12100	9230	1520	920	581
20	4730	4860	4330	3990	5620	6930	12200	11300	8720	1840	848	350
21	4800	5370	4030	3690	5540	6820	13500	11700	8560	2230	1080	270
22	5060	5390	3920	3770	5290	6510	14400	14000	9820	2230	1110	422
23	5290	5460	3600	4060	5580	6420	14600	16300	10400	1420	1160	602
24	5430	5240	3910	4280	5390	6620	14600	16600	10700	984	1260	623
25	5430	5270	3870	4370	5290	5500	15300	15300	12800	686	1350	476
26	5620	4930	4010	4490	4760	4990	16800	14400	14700	920	1200	548
27	5820	4910	4100	4650	4710	4860	18400	14700	16000	1360	1250	763
28	5750	5010	4110	4580	5050	4760	19000	15600	16300	1670	1020	1260
29	5620	4990	4580	4530	5390	4690	21000	15200	16000	1790	826	1680
30	5540	4970	4780	4420		4650	22600	14600	15000	1660	756	1850
31	5480		4970	4600		5080		15000		1410	900	
Mean	4,545	5,291	4,190	4,139	5,203	5,980	11,820	18,370	13,920	2,919	1,479	1,179
Acre-Feet	279,500	314,800	257,600	254,500	299,300	367,700	703,200	1,130,000	828,400	179,500	90,970	70,180

U. S. GOVERNMENT PRINTING OFFICE 16-80066-1

Year ~~or~~ ~~Period~~
Mean 6,578
Acre-Feet 4,775,650

Daily ~~discharge, in second-feet, of~~ contents in thousands of acre-feet, of AMERICAN FALLS RESERVOIR at AMERICAN FALLS, IDAHO, for the year ending September 30, 1952

Plate No. 32

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1020	1129	1328	1505	1555	1473	1388	1529	1708	1713	1288	829
2	1019	1132	1332	1510	1554	1470	1386	1544	1712	1714	1275	813
3	1018	1139	1346	1515	1554	1469	1386	1557	1713	1712	1261	799
4	1018	1146	1350	1516	1553	1466	1385	1572	1711	1708	1247	785
5	1019	1159	1358	1516	1552	1464	1385	1589	1713	1699	1238	774
6	1020	1163	1368	1518	1550	1461	1386	1604	1715	1686	1225	762
7	1022	1170	1376	1519	1546	1458	1386	1624	1715	1675	1209	750
8	1024	1175	1384	1520	1543	1456	1386	1638	1715	1658	1197	739
9	1026	1184	1392	1523	1541	1453	1386	1653	1716	1641	1181	727
10	1027	1189	1401	1527	1538	1452	1387	1664	1711	1623	1167	715
11	1028	1197	1407	1529	1535	1450	1386	1667	1712	1605	1150	706
12	1026	1206	1413	1531	1531	1449	1385	1665	1712	1590	1135	693
13	1028	1209	1418	1535	1528	1447	1385	1659	1716	1575	1122	684
14	1030	1214	1422	1540	1525	1445	1383	1660	1713	1562	1104	679
15	1029	1224	1425	1543	1521	1443	1385	1668	1703	1549	1093	673
16	1035	1232	1427	1547	1520	1441	1388	1690	1708	1535	1079	669
17	1037	1239	1432	1550	1516	1440	1391	1692	1711	1522	1063	665
18	1039	1249	1438	1552	1512	1441	1393	1696	1714	1508	1048	660
19	1043	1260	1441	1552	1510	1441	1393	1698	1711	1489	1030	654
20	1043	1258	1446	1553	1508	1441	1395	1694	1712	1476	1014	647
21	1048	1261	1451	1553	1504	1439	1406	1699	1707	1458	997	639
22	1052	1269	1455	1553	1501	1437	1412	1707	1708	1445	980	630
23	1057	1277	1460	1554	1498	1433	1422	1717	1712	1431	964	622
24	1066	1283	1465	1555	1495	1431	1430	1720	1716	1412	949	615
25	1076	1292	1470	1554	1491	1426	1438	1716	1723	1397	932	609
26	1082	1304	1474	1552	1488	1421	1448	1713	1722	1380	921	603
27	1087	1305	1479	1554	1482	1416	1461	1713	1722	1364	905	596
28	1095	1309	1481	1558	1478	1410	1473	1715	1724	1347	891	591
29	1101	1316	1487	1557	1476	1403	1489	1708	1720	1333	876	587
30	1110	1322	1493	1556		1397	1509	1711	1719	1317	856	583
31	1117		1498	1555		1391		1710		1302	842	
Mean Acre-Feet												

Year or Period

Mean ____________

Acre-Feet ____________

Daily discharge, in second-feet, of SNAKE RIVER at NEELEY, IDAHO for the year ending September 30, 19 52

Plate No. 33

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6610	4680	3920	4930	8050	9940	11100	16700	16200	17100	12600	11800
2	6610	4760	3210	4930	8050	9940	11100	17700	15000	14900	12600	11400
3	7260	4730	4720	5200	7960	9940	11100	18300	15000	13100	12600	11000
4	7570	156	4720	5790	8320	10200	11100	18900	15000	12100	12300	10600
5	6670	5690	3940	5440	9280	10300	11100	19700	15100	11900	12000	10400
6	6650	6980	3940	5410	9280	10300	11100	20400	15100	12100	11900	10100
7	6670	4730	3960	5440	9230	10300	11600	21400	16500	12200	11900	9840
8	6570	4780	3960	5440	9230	10300	12100	22500	18100	12300	12100	9700
9	6150	4730	779	5480	9180	10300	12100	23200	19800	12300	12300	9610
10	6090	4780	2960	5510	9140	10300	12500	23900	21300	12300	12600	9750
11	6220	169	2740	5510	9700	10300	13100	24000	21200	12200	12600	9750
12	6400	5830	2870	5520	10200	10300	13100	22400	20000	12200	12600	9790
13	6140	7590	4990	5520	10200	10200	13100	18200	19500	12100	12300	9840
14	6140	5920	5080	5600	10200	9880	13100	15200	18800	12100	12000	9460
15	6170	4780	5250	5600	10400	10700	13100	14000	17800	12200	11900	8320
16	6140	4830	5250	5790	10300	10200	13100	13800	16100	12200	12100	7130
17	6110	4840	4970	6450	10100	10400	13200	13600	14700	12300	12300	6960
18	6110	156	5020	6470	10100	10600	13200	14700	13600	12300	12200	7000
19	6140	5820	4970	6440	10100	10600	13200	15300	13100	12400	12200	7740
20	6130	7140	4890	6480	10100	10900	13300	13300	12500	12700	12500	7830
21	6100	4840	4940	6450	10100	11100	13400	12100	12000	13000	12600	7830
22	5670	4810	4930	6440	10100	11100	13400	12200	12000	13100	12500	7650
23	5010	4840	4910	6440	10100	11100	13600	15900	12100	12900	12100	7340
24	4950	4840	4840	7060	10100	11300	13600	19800	12100	13000	11600	6830
25	4950	137	4820	8230	10000	11500	13800	20800	15100	13100	11400	6610
26	4980	5870	4850	7610	10000	11400	13900	18700	18300	13000	11300	6610
27	5220	7220	4880	5540	10000	11300	14100	16600	17900	13000	11500	6610
28	3120	4950	4910	7220	9980	11400	14200	17700	19100	12800	11600	6530
29	5840	4870	4920	8000	9980	11300	14400	18400	20000	12700	11600	6490
30	4650	4090	4930	8000		11200	15300	18300	19200	12700	11900	7090
31	4680		4950	8000		11100		18300		12600	12100	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	5,926	4,652	4,388	6,192	9,637	10,640	12,870	17,940	16,410	12,740	12,120	8,587
Acre-Feet	364,400	276,800	269,800	380,700	554,300	654,000	765,800	1,103,000	976,300	783,300	745,400	511,000

U. S. GOVERNMENT PRINTING OFFICE 16—[illegible]

Year ~~or Period~~ Mean 10,170

Acre-Feet 7,384,800

Daily contents, in acre feet, of LAKE WALCOTT near MINIDOKA, IDAHO for the year ending September 30, 1952

Plate 34

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	93320	94950	87030	69410	75530	76890	79030	88430	95910	94720	96150	95790
2	92390	94020	85400	69190	75420	77000	78350	89830	95910	94370	96150	96150
3	91920	93550	88900	68420	76210	77230	78690	90060	95310	92860	96390	96870
4	93790	90290	89830	69190	75650	77110	79480	90530	95310	93320	96150	96630
5	94720	85050	88310	69410	76770	77450	79710	90760	95670	93440	95790	95670
6	95180	91230	87030	69520	77230	77450	79930	90760	95550	93090	95180	96150
7	95430	91230	87030	70180	76770	77340	79480	93550	95070	94600	93550	94720
8	96990	90760	84940	69630	76100	77230	79930	94950	95430	94490	94490	94600
9	96390	91230	82640	69630	75870	77450	80160	96030	95910	94720	94370	94140
10	95550	91690	76770	69630	76100	77450	80160	96390	95550	94950	94490	94020
11	94370	89940	73390	69960	75870	77000	80830	96150	94840	94950	95430	94720
12	93200	82860	70290	69410	76320	77680	81170	96150	95430	94600	96510	94020
13	93790	87960	66770	69410	77110	77340	82410	94370	96390	94840	96990	94950
14	93440	91460	66550	67870	77230	77450	81400	93550	96270	94950	95910	96390
15	92160	93090	66990	69520	76890	77340	81740	95180	94840	94250	94950	98080
16	93790	93090	67650	69630	77000	77900	81960	96390	96510	93790	94490	97110
17	94140	93320	67540	70730	77230	77790	82070	95670	96270	93790	94720	95180
18	95430	90990	67870	71170	76890	78130	82410	95430	95670	94140	94490	94250
19	94140	84010	68200	71390	77340	77900	81740	96150	94490	91920	94250	93900
20	92740	89600	67870	71170	77230	77680	82640	96390	94840	93320	94490	94720
21	97110	89600	67650	71390	77110	78130	81960	95790	93550	93550	95180	95670
22	100970	89250	67870	71390	77230	78130	81510	96150	94370	94720	96150	96150
23	96870	88430	68530	71390	77000	78580	82860	95670	94720	95790	96510	96390
24	95910	87270	69190	72050	77680	78800	85170	95910	94950	94490	96510	97110
25	97350	85400	69080	74520	77790	78350	87030	96030	95910	95430	94950	96390
26	96630	78130	69410	74520	77230	79140	87270	97110	96630	95910	94250	95910
27	96150	84820	68530	73390	76890	79140	87730	96630	96870	96150	93790	94020
28	96390	86100	68310	72720	76770	79030	86570	95670	96870	96270	94250	93320
29	95910	87270	68750	74520	77110	78920	86920	95180	95430	96390	94140	92620
30	96390	87270	69410	74970		79370	87030	96150	96390	96870	92620	91920
31	95670		69630	75420		79030		96270		96390	93790	
Mean												
Acre-Feet												

Year or Period
Mean
Acre-Feet

Daily discharge, in second-feet, of NORTH SIDE MINIDOKA CANAL near MINIDOKA, IDAHO for the year ending September 30, 1952

Plate 35

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	812	0	0				0	1030	1680	1250	1640	1390
2	812	0	0				0	1070	1630	1400	1570	1340
3	807	30	0				0	1150	1600	1560	1530	1290
4	718	51	0				0	1190	1600	1640	1540	1230
5	666	53	0				0	1190	1600	1640	1530	1200
6	668	54	0				0	1260	1600	1630	1530	1130
7	670	54	0				0	1420	1600	1650	1520	1080
8	674	54	0				0	1510	1600	1650	1520	1080
9	672	54	0				0	1520	1540	1650	1520	1080
10	668	54	0				0	1520	1500	1680	1520	1080
11	666	53	0				0	1520	1430	1690	1520	999
12	578	53	0				0	1520	1270	1700	1530	944
13	532	54	22				0	1580	1200	1670	1570	857
14	532	54	53				0	1610	1200	1640	1590	822
15	530	54	53				0	1650	1190	1640	1590	822
16	532	54	50				0	1680	1200	1640	1580	820
17	532	54	49				34	1670	1190	1640	1580	740
18	536	53	33				58	1670	1190	1640	1580	690
19	534	53	33				58	1680	1260	1630	1570	716
20	200	54	33				58	1680	1310	1640	1570	738
21	0	54	21				81	1680	1300	1650	1580	776
22	0	54	0				160	1630	1300	1660	1590	831
23	0	53	0				268	1590	1310	1670	1530	855
24	0	53	0				379	1590	1310	1670	1500	855
25	0	51	0				489	1590	1250	1680	1480	853
26	0	52	0				656	1600	1220	1690	1480	912
27	0	53	0				728	1590	1100	1700	1420	956
28	0	53	0				907	1650	1050	1700	1380	953
29	0	54	0				1030	1680	1040	1700	1380	949
30	0	19	0				1030	1680	1110	1660	1380	946
31	0		0					1680		1640	1380	
Mean	398	47.9	11.2	0	0	0	198	1,519	1,346	1,635	1,523	964
Acre-Feet	24,470	2,850	688	0	0	0	11,770	93,400	80,090	100,600	93,620	57,390

YEAR ~~OR PERIOD~~ MEAN 640

ACRE-FEET 464,878

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

Plate

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	723						0	487	1320	1050	1300	117
2	629						0	522	1320	1220	1290	11
3	600						0	629	1300	1310	1270	11
4	576						0	676	1310	1340	1220	108
5	566						0	791	1330	1320	1170	107
6	529						0	982	1340	1290	1160	103
7	532						0	1170	1330	1290	1190	95
8	536						0	1240	1350	1320	1220	917
9	532						0	1250	1360	1330	1260	932
10	532						0	1260	1340	1330	1280	951
11	529						0	1260	1320	1340	1300	951
12	532						0	1290	1230	1340	1320	948
13	526						0	1320	1170	1340	1320	948
14	524						0	1330	1090	1340	1300	850
15	524						0	1340	1060	1340	1300	681
16	522						0	1330	1060	1340	1290	635
17	526						0	1240	1050	1320	1290	632
18	524						146	1190	1090	1340	1280	637
19	522						241	1220	1220	1350	1270	640
20	196						241	1240	1250	1330	1260	643
21	0						238	1210	1260	1310	1270	646
22	0						238	1180	1240	1310	1260	648
23	0						239	1170	1200	1320	1250	651
24	0						272	1170	1050	1320	1230	698
25	0						336	1180	951	1320	1200	757
26	0						367	1270	901	1320	1210	838
27	0						367	1310	832	1290	1230	877
28	0						408	1300	788	1280	1240	838
29	0						439	1310	817	1310	1240	794
30	0						444	1320	880	1300	1220	794
31	0							1320		1300	1200	

Mean	345	0	0	0	0	0	133	1,145	1,159	1,308	1,253	849
Acre-Feet	21,180	0	0	0	0	0	7,890	70,430	68,940	80,450	77,040	50,490

Year ~~or Period~~ Mean 519

Acre-Feet 376,420

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

Plate 37

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5400	5240	4430	4800	8120	10000	11300	14200	14100	16500	9480	9020
2	5400	4980	2070	4900	8630	10000	10900	15300	12600	14300	9450	8810
3	5420	4850	4430	5300	8120	10100	11000	16200	12400	11700	9480	8690
4	5440	4590	4590	5500	8450	10000	10500	16800	12400	9450	9480	8540
5	5420	4760	4630	5500	9110	10400	10700	17200	12500	8960	9390	8390
6	5420	4780	4590	5350	9390	10300	10700	17300	12400	9270	9300	8240
7	5370	4870	4850	5350	9580	10100	11300	17400	13100	9390	9390	8060
8	4670	4740	4550	5550	9480	10100	11900	18900	14800	9450	9240	8060
9	5350	4740	4520	5490	9300	10200	11900	20200	16400	9450	9180	7880
10	5420	4740	4520	5730	9270	10200	11600	21000	18100	9480	9330	7700
11	5370	4760	4650	5680	9360	10300	12700	21000	18300	9480	9270	7500
12	5440	4810	4870	5850	10200	10400	12300	20500	17500	9480	9240	7440
13	5350	4870	4940	5730	10400	10400	12600	16500	17000	9450	9520	7530
14	5330	4870	5100	5490	10300	10200	13400	12400	16500	9450	9730	7210
15	5080	4810	5200	5920	10300	10000	13200	11200	15700	9520	9580	6900
16	4810	4830	5080	5900	10300	9700	13300	11000	14700	9580	9450	6600
17	4590	5010	5080	6250	10300	10500	12800	10700	12800	9550	9420	6410
18	4610	4870	5080	6200	10300	10700	12900	11200	11500	9420	9420	6200
19	5330	4650	5080	6200	10200	10600	12700	12400	10400	9550	9450	6080
20	5490	4830	5000	6200	8960	10600	13100	11000	9920	9480	9450	6050
21	3250	5190	5050	6200	10300	10800	13400	9670	9050	9670	9360	5950
22	5540	5190	5100	6500	10200	10900	12600	9640	8870	9580	9210	5780
23	6630	5190	4760	6850	10100	10800	12100	12900	8930	9520	9240	5640
24	5240	5190	5010	6630	9860	11700	11700	16100	9140	9640	9210	5440
25	4190	5140	4890	7910	10100	11700	12200	17200	11600	9670	9330	5350
26	5260	4780	5210	8270	10100	11700	12700	16400	15500	9670	9050	5370
27	5330	4520	5350	6490	9980	11500	12700	13900	16400	9760	8900	5440
28	4540	4520	5170	6150	10100	11200	13300	14500	17500	9640	8870	5440
29	4300	4520	4850	7440	10000	11200	13200	15300	18600	9580	8960	5370
30	5050	4480	4670	8000		10500	13200	15500	18300	9550	9390	5330
31	5140		5330	8120		11600		15600		9390	9210	

Mean	5,135	4,844	4,795	6,176	9,683	10,600	12,260	15,130	13,900	9,954	9,322	6,881
Acre-Feet	315,700	288,200	294,800	379,700	557,000	651,400	729,700	930,500	827,100	612,100	573,200	409,400

U. S. GOVERNMENT PRINTING OFFICE 16—60006-1

Year ~~or Period~~
Mean 9,049
Acre-Feet 6,568,800

Daily ~~discharge~~ gage height in ~~second~~-feet, of LAKE MILNER at MILNER, IDAHO for the year ending September

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10.16	6.74	7.82	7.09	8.58	8.18	8.40	10.64	11.00	10.96	10.94	11.04
2	8.73	6.84	7.54	8.24	8.44	8.10	8.40	10.88	10.95	11.01	10.98	11.01
3	7.58	6.73	7.10	8.38	8.52	8.10	8.20	11.00	10.98	10.90	11.02	11.05
4	7.68	6.22	7.84	8.09	8.54	8.18	8.28	10.98	11.02	10.99	11.01	11.06
5	7.86	6.45	7.88	8.09	8.40	8.06	8.28	10.93	11.03	10.88	11.03	10.98
6	8.03	6.55	7.64	8.18	6.64	8.20	8.66	10.84	10.95	10.81	10.96	11.00
7	8.23	6.63	7.66	8.08	8.58	8.20	8.34	10.72	10.94	11.02	10.85	10.93
8	8.09	6.61	8.04	8.00	8.58	8.08	8.58	10.89	11.02	11.03	10.98	11.03
9	7.77	6.61	8.12	8.18	8.70	7.98	8.88	11.00	11.01	11.02	10.84	11.04
10	7.73	6.42	8.07	8.19	8.58	7.98	9.40	11.04	10.97	11.00	10.77	11.02
11	7.68	6.45	8.28	8.08	8.60	8.00	9.20	11.00	11.03	11.02	10.86	11.02
12	7.59	6.56	8.32	8.08	8.48	7.90	9.66	11.00	11.04	11.00	10.81	11.00
13	7.78	6.79	8.42	8.12	8.58	8.10	9.68	10.85	10.99	11.01	10.81	11.06
14	7.23	6.95	8.40	8.18	8.72	8.12	9.70	10.74	10.94	11.03	10.79	11.07
15	6.39	7.20	8.48	7.79	8.58	8.08	9.76	10.70	10.93	10.99	10.96	11.04
16	5.80	7.32	8.48	8.18	8.44	8.04	10.15	11.02	11.06	11.01	10.99	10.97
17	5.60	7.36	8.04	8.26	8.58	7.96	10.20	11.00	10.91	11.02	10.98	10.98
18	5.65	8.24	8.18	7.77	8.68	8.30	10.18	10.85	10.85	11.02	11.00	10.97
19	5.55	8.24	8.10	7.70	8.72	8.40	10.00	11.05	10.89	10.76	10.95	10.90
20	5.55	8.03	7.96	8.37	8.48	8.50	9.38	10.92	11.00	10.90	10.97	10.90
21	6.27	8.17	7.80	8.48	8.18	8.28	9.68	11.02	10.86	10.97	11.02	10.94
22	5.75	8.28	8.04	8.38	8.10	8.40	9.68	10.92	11.00	11.02	11.00	10.99
23	6.92	8.08	8.35	8.32	8.10	8.38	9.46	10.92	11.00	11.00	10.95	11.03
24	6.98	8.02	7.95	8.47	8.06	8.18	9.98	11.02	11.00	10.91	11.08	10.97
25	6.30	8.06	7.28	8.28	7.98	8.78	10.23	11.02	11.11	10.97	11.00	10.99
26	6.28	8.08	7.75	8.60	8.04	8.58	10.36	11.04	11.00	11.00	11.01	11.00
27	6.61	7.92	8.13	8.54	8.10	8.78	10.89	10.84	11.00	11.03	10.93	10.96
28	6.82	7.64	8.58	7.84	8.14	8.56	10.66	10.91	11.02	11.06	10.88	11.04
29	6.15	7.76	8.53	7.56	8.12	8.40	10.65	10.92	11.01	11.00	10.79	11.02
30	6.07	7.81	7.32	8.20		8.32	10.56	11.03	11.00	11.00	10.58	11.02
31	6.32		7.48	8.60		8.04		10.98		10.99	10.76	

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, 192[illegible]

Plate 39

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							0	14	61	66	72	67
2							0	15	61	66	72	66
3							0	17	62	66	71	66
4							0	17	62	66	71	66
5							0	17	62	66	71	66
6							0	29	62	68	71	65
7							0	46	62	68	70	65
8							0	48	62	68	70	65
9							0	55	62	68	69	62
10							0	58	62	74	69	61
11							0	60	62	74	69	60
12							0	60	62	74	69	61
13							0	62	62	74	69	61
14							0	62	65	73	69	61
15							0	62	66	73	69	61
16							0	62	66	73	68	59
17							0	62	66	72	68	60
18							0	62	66	73	69	60
19							0	62	66	73	68	60
20							0	62	66	72	68	60
21							0	62	66	73	68	62
22							0	63	66	73	68	60
23							0	62	66	73	68	59
24							0	62	66	73	68	61
25							0	62	66	73	68	59
26							0	62	66	73	68	45
27							0	62	66	72	68	0
28							16	62	66	72	68	0
29							15	62	66	72	68	0
30							13	62	66	72	68	0
31								61		72	67	
MEAN	0	0	0	0	0	0	1.5	52.0	64.2	71.1	69.0	53.3
ACRE-FEET	0	0	0	0	0	0	87	3,200	3,820	4,370	4,240	3,170

YEAR ~~or Season~~ MEAN 26.0

ACRE-FEET 18,887

Daily discharge, in second-feet, of MILNER LOW LIFT CANAL near MILNER, IDAHO, for the year ending September 30, 19 24

Plate 40

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							0	80	180	166	193	194
2							0	80	180	166	193	194
3							0	99	180	166	193	194
4							0	99	192	166	193	194
5							0	99	198	175	193	194
6							0	144	198	180	193	196
7							0	154	198	180	193	196
8							0	154	198	180	193	196
9							0	181	198	198	193	196
10							0	181	198	198	192	192
11							0	143	198	198	192	180
12							0	180	174	198	192	180
13							0	180	174	198	192	180
14							0	180	174	198	192	175
15							0	180	174	198	192	165
16							0	180	174	198	192	165
17							0	180	174	198	190	150
18							0	180	174	198	188	150
19							0	180	174	198	190	150
20							0	180	174	198	190	150
21							0	180	175	198	190	150
22							0	180	175	198	190	140
23							0	180	175	218	190	125
24							0	180	175	218	193	125
25							0	180	175	218	193	125
26							0	180	175	218	193	125
27							0	180	170	218	193	125
28							40	180	166	218	193	125
29							60	180	166	218	193	125
30							50	180	166	218	193	123
31								180		218	194	
Mean	0	0	0	0	0	0	5.0	162	180	197	192	163
Acre-Feet	0	0	0	0	0	0	298	9,940	10,710	12,120	11,810	9,680

Year or Period
Mean 75.2
Acre-Feet 54,558

Daily discharge, in second-feet, of GOODING PROJECT in GOODING CANAL near MILNER, IDAHO for the year ending September 30, 19 32

Plate No 41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								0	1440	1290	1610	1440
2								430	1430	1290	1610	1410
3								590	1440	1280	1610	1410
4								550	1450	1290	1610	1410
5								550	1440	1280	1600	1410
6								640	1440	1300	1600	1370
7								760	1390	1400	1590	1310
8								810	1370	1440	1610	1300
9								870	1370	1450	1590	1290
10								900	1370	1510	1600	1290
11								900	1360	1550	1610	1300
12								970	1380	1590	1600	1290
13								1020	1370	1550	1610	1290
14								1020	1430	1540	1570	1300
15								1020	1450	1530	1540	1240
16								1100	1460	1530	1540	1230
17								1140	1440	1540	1530	1230
18								1140	1430	1530	1530	1230
19								1230	1440	1520	1520	1230
20								1360	1440	1540	1490	1180
21								1410	1430	1590	1460	1170
22								1400	1440	1600	1470	1180
23								1410	1430	1600	1480	1180
24								1470	1440	1590	1490	1170
25								1510	1430	1600	1480	1170
26								1510	1420	1600	1480	1180
27								1450	1420	1610	1480	1180
28								1420	1340	1600	1470	1160
29								1430	1280	1580	1440	840
30								1440	1290	1590	1450	0
31								1430		1600	1470	
Mean	0	0	0	0	0	0	0	1,060	1,409	1,500	1,540	1,213
Acre-Feet	0	0	0	0	0	0	0	65,220	83,820	92,250	94,690	72,180

Year ~~or Season~~ Mean 562

Acre-Feet 408,160

U. S. GOVERNMENT PRINTING OFFICE 16—60066-1

Daily discharge, in second-feet, of GOODING CANAL below N. S. DIVERSION near MILNER, IDAHO for the year ending September 30, 1932

Plate No.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								0	1420	1270	1590	1420
2								406	1410	1270	1590	1390
3								573	1420	1260	1590	1390
4								530	1430	1270	1590	1390
5								528	1420	1260	1580	1390
6								621	1420	1280	1580	1330
7								740	1370	1380	1570	1290
8								787	1350	1420	1590	1280
9								850	1350	1430	1570	1270
10								884	1350	1490	1580	1270
11								882	1340	1530	1590	1280
12								950	1360	1570	1580	1270
13								1000	1350	1530	1590	1270
14								1000	1410	1520	1550	1280
15								997	1430	1510	1520	1220
16								1080	1440	1510	1520	1210
17								1120	1420	1520	1510	1210
18								1120	1410	1510	1510	1210
19								1210	1420	1500	1500	1210
20								1340	1420	1520	1470	1160
21								1390	1410	1570	1440	1150
22								1380	1420	1580	1450	1160
23								1390	1410	1580	1460	1160
24								1450	1420	1570	1470	1150
25								1490	1410	1580	1460	1150
26								1490	1400	1580	1460	1160
27								1430	1400	1590	1460	1160
28								1400	1320	1580	1450	1160
29								1410	1260	1560	1420	822
30								1420	1270	1570	1430	0
31								1410		1580	1450	

Mean	0	0	0	0	0	0	0	1,041	1,389	1,480	1,520	1,194
Acre-Feet	0	0	0	0	0	0	0	64,020	82,630	91,020	93,460	71,070

U. S. GOVERNMENT PRINTING OFFICE 16—[illegible]

Mean
or
Period

Mean 554

Acre-Feet 402,200

Daily discharge, in second-feet, of **NORTH SIDE CANAL PROJECT IN GOODING CANAL near MILNER, IDAHO**, *for the year ending September 30, 19*52

Plate No 43

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	320						0	1010	940	1010	960
2	0	0						0	1010	940	1010	960
3	0	0						520	1010	940	1020	980
4	0	0						700	1030	950	1020	980
5	0	0						670	1020	940	1020	970
6	0	0						810	1020	950	1000	940
7	730	0						890	1020	1000	990	910
8	1080	0						930	1030	1010	1010	920
9	1040	0						970	1050	1000	980	920
10	1050	0						990	1050	1010	980	930
11	1030	0						980	1060	1020	1000	930
12	1030	0						990	1040	1020	980	930
13	390	0						1000	1050	1010	980	940
14	0	0						990	1030	1000	980	930
15	0	0						990	1030	1010	990	920
16	0	0						1040	1020	1010	1000	920
17	0	0						1050	990	1020	1000	920
18	0	0						1030	1000	1030	1000	920
19	0	0						1050	990	1000	990	910
20	0	0						1050	1010	1010	990	900
21	580	0						1040	990	1010	990	900
22	830	0						1020	1000	1010	990	900
23	1000	0						1030	1000	1010	1000	890
24	920	0						1030	1020	1010	980	890
25	650	0						1040	1040	1010	1010	890
26	610	0						1040	1000	1010	1020	900
27	630	0						1000	1010	1010	1020	900
28	730	0						1000	1010	1010	1010	900
29	700	0						1020	970	990	980	640
30	670	0						1020	960	980	930	0
31	690							1020		1000	940	
Mean	463	10.7	0	0	0	0	0	900	1,016	995	994	883
Acre-Feet	28,480	635	0	0	0	0	0	55,360	60,440	61,210	61,130	52,560

Year ~~or Period~~ Mean 441

Acre-Feet 319,815

U. S. GOVERNMENT PRINTING OFFICE 16—60060-1

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

Plate 44

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1400	314	578	450	461	428	367	2120	2780	2610	2830	2630
2	1210	548	571	450	458	422	364	2220	2750	2600	2840	2600
3	1230	611	588	450	467	425	361	2040	2760	2580	2860	2610
4	1350	552	565	450	461	428	361	1980	2790	2620	2870	2580
5	1350	591	558	450	461	425	367	1980	2780	2690	2840	2560
6	1310	605	558	450	461	431	358	1950	2760	2700	2740	2490
7	415	622	571	450	458	425	353	1990	2760	2720	2690	2450
8	0	618	611	450	461	422	355	2120	2790	2710	2700	2470
9	0	615	601	450	464	422	367	2190	2780	2760	2640	2390
10	0	605	565	486	461	425	364	2190	2660	2760	2650	2340
11	0	611	514	486	461	428	369	2180	2720	2740	2680	2310
12	0	622	514	486	455	431	108	2170	2780	2720	2660	2230
13	0	594	517	486	467	434	0	2290	2760	2720	2660	2250
14	0	598	510	486	461	434	0	2310	2740	2720	2640	2200
15	0	615	510	486	455	434	0	2340	2760	2740	2700	2100
16	0	591	501	486	455	434	0	2420	2740	2770	2720	1910
17	0	578	492	486	467	443	0	2400	2650	2770	2710	1860
18	0	578	492	500	470	461	205	2370	2650	2750	2720	1760
19	0	565	498	500	461	464	612	2430	2660	2700	2700	1680
20	0	565	498	500	449	461	958	2370	2660	2770	2710	1680
21	0	584	470	500	437	461	1110	2410	2620	2780	2720	1690
22	0	581	495	500	434	467	1100	2390	2640	2780	2720	1530
23	0	571	498	475	437	455	1100	2450	2620	2770	2740	1460
24	0	581	480	452	434	467	1270	2520	2640	2780	2760	1350
25	0	588	507	440	431	425	1500	2530	2640	2800	2730	1340
26	0	591	523	458	428	369	1640	2520	2640	2820	2720	1340
27	0	578	498	446	498	369	1690	2590	2630	2840	2640	1340
28	0	574	501	440	425	364	1880	2660	2630	2830	2640	1340
29	0	591	492	431	431	367	1970	2770	2620	2820	2640	1470
30	0	594	467	458		364	1960	2800	2630	2820	2620	1690
31	0		499	461		361		2760		2820	2670	
Mean	267	581	522	468	454	424	703	2,337	2,701	2,742	2,715	1,988
Acre-Feet	16,390	34,570	32,120	28,760	26,120	26,070	41,830	143,700	160,700	168,600	166,900	118,300

Year or Period
Mean 1,328
Acre-Feet 964,060

Daily discharge, in second-feet, of SOUTH SIDE TWIN FALLS CANAL at MILNER, IDAHO, for the year ending September 30, 1932

Plate 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1880	178	508	423	500	405	483	2660	3680	3400	3760	3700
2	1820	59	521	483	500	412	486	2850	3650	3470	3760	3710
3	1740	59	497	484	492	410	483	3040	3690	3580	3770	3690
4	1840	59	518	470	485	407	191	3160	3690	3590	3750	3640
5	1780	59	510	470	478	438	59	3210	3670	3570	3750	3610
6	1570	308	490	472	445	459	59	3200	3650	3600	3730	3500
7	1420	438	482	474	415	457	62	3190	3680	3690	3730	3500
8	1360	464	499	472	415	449	184	3400	3690	3710	3760	3530
9	1360	551	506	481	420	454	497	3550	3680	3690	3750	3450
10	1340	886	509	488	402	462	502	3480	3670	3640	3750	3400
11	1330	900	520	486	402	470	590	3490	3600	3670	3760	3360
12	1220	607	520	490	412	470	862	3570	3600	3690	3750	3280
13	1130	425	522	497	413	467	866	3600	3600	3770	3770	3210
14	1060	431	517	500	420	464	886	3640	3570	3770	3770	3090
15	1100	420	522	484	433	464	911	3660	3580	3770	3770	3040
16	1160	449	525	497	433	470	918	3690	3570	3780	3770	2940
17	1140	505	497	497	433	478	794	3660	3500	3630	3750	2750
18	1150	491	509	462	436	483	690	3660	3490	3790	3730	2670
19	1170	491	495	464	431	489	771	3500	3570	3750	3730	2680
20	1180	502	472	501	423	486	801	3600	3610	3790	3730	2620
21	1150	508	469	508	420	486	828	3680	3600	3760	3730	2460
22	918	513	494	506	415	480	1020	3670	3590	3750	3700	2260
23	904	505	508	504	415	489	1230	3680	3580	3720	3700	2190
24	791	502	478	513	415	497	1470	3670	3540	3710	3690	2180
25	742	499	437	506	402	499	1900	3660	3430	3710	3690	2140
26	768	486	455	515	402	494	2380	3660	3360	3700	3690	2080
27	742	489	482	518	402	486	2460	3680	3290	3710	3690	2080
28	752	499	511	493	403	480	2300	3680	3290	3690	3690	2080
29	699	497	515	476	405	483	2470	3690	3260	3730	3690	2080
30	696	491	457	504		483	2490	3670	3340	3760	3690	2080
31	570		450	497		480		3670		3690	3690	
Mean	1,177	442	497	488	430	466	988	3,491	3,557	3,686	3,732	2,800
Acre-Feet	72,360	26,320	30,540	30,020	24,730	28,660	58,800	214,700	211,700	226,700	229,500	172,600

Year or Period
Mean 1,827
Acre-Feet 1,326,630

Daily discharge, in second-feet, of SNAKE RIVER at MILNER, 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	4490	4410	3720	2430	7520	9200	10900	9030	5790	8200	412	438
2	4750	4790	2940	4030	7520	9260	10500	9250	4130	7030	418	455
3	3570	4590	2090	4880	7750	9180	10200	9870	3330	3800	412	277
4	3000	4200	3450	4820	7650	9300	10500	10400	3150	1490	445	364
5	3170	4390	3900	4840	7940	9180	9760	11000	3800	448	602	215
6	3300	4100	3590	4870	8900	9620	11000	11200	3640	389	408	307
7	3680	4020	3480	4870	8820	9540	10500	10100	3660	392	399	217
8	3860	4010	3690	4870	8760	9300	11200	11000	5690	389	395	137
9	3830	4000	3660	4880	8780	9280	9870	12400	7310	402	395	199
10	3800	3610	3700	4880	8350	9260	11400	14300	8880	441	392	136
11	3800	3450	3920	4810	8650	9210	11300	14000	10300	379	395	164
12	3780	3550	4040	4840	8480	9350	11800	13800	9130	376	395	101
13	5020	3750	4090	4890	9330	9540	11900	10100	8660	386	392	201
14	5900	3840	4180	4730	9890	9420	11900	5200	7940	435	392	490
15	5410	3990	4560	4670	9680	9350	12200	2890	6600	445	395	249
16	4860	4060	4710	4780	9160	9160	12600	2590	7010	415	395	132
17	4440	3550	4250	5260	9440	9000	12700	2970	5200	579	395	97
18	4320	3820	4360	5090	9340	9350	12600	2350	3450	452	395	97
19	4540	4090	4380	5010	9380	9750	12000	4170	1650	408	395	98
20	4350	3970	4180	5040	9650	9820	11600	3460	1760	418	395	98
21	3440	4030	4140	5250	9440	9840	11900	726	336	405	395	100
22	2430	4400	4430	5920	9370	10100	11400	1260	438	469	333	100
23	4480	4600	4420	6040	9400	9560	9490	2960	445	402	222	418
24	4820	4280	3950	6040	9280	9860	8950	6810	389	399	345	128
25	3880	4320	3700	6160	9170	10700	8470	8310	2540	399	259	100
26	3620	4310	3830	7400	8980	11000	7980	9000	6530	402	307	98
27	4010	4130	4440	7530	9340	11200	8660	5370	8120	501	201	112
28	4100	3730	4920	6340	9240	10900	8830	4980	8610	780	201	425
29	3630	3670	5070	5670	9200	10800	9110	5370	10400	515	197	670
30	3580	3690	4470	6430		10400	9020	6810	10500	428	199	2020
31	3870		3490	7320		10200		6630		499	199	
Mean	4,056	4,045	3,992	5,309	8,911	9,730	10,670	7,365	5,313	1,048	357	288
Acre-Feet	249,400	240,700	245,500	326,500	512,500	598,300	635,200	452,800	316,100	64,410	21,980	17,140

U. S. GOVERNMENT PRINTING OFFICE 16-[illegible]

YEAR Mean 5,070

Acre-Feet 3,680,530

9-211c

UNITED STATES DEPARTMENT OF THE INTERIOR

Daily ~~discharge~~ contents in ~~second~~ acre-feet, of HENRYS LAKE near LAKE, IDAHO for the year ending September 30, 1922

Plate No. 47

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3												
4												
5												
6		70700									77460	
7												
8							67500					
9												
10												
11												
12	70820											63460
13												
14										80600		
15												
16											73700	
17												
18												
19												
20											72100	
21								76600				63000
22												
23												
24									81800			
25												
26												
27												
28					68600							
29			70270								68300	
30		70500					71000		82800	78000		62700
31	70730		70260	69400		67800		78300		77700	67800	

Mean												
Acre-feet												

Year or Period Mean

Acre-Feet

Daily discharge, in second-feet, of HENRYS FORK near LAKE, IDAHO, for the year ending September 30, 1932

Plate 48

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	60	70					66	67	77	166	131	207
2	62	70					66	67	77	166	130	207
3	63	70					66	67	78	178	129	207
4	64	70					66	67	84	179	130	207
5	64	71					66	67	90	174	126	207
6	66	71					66	67	95	178	168	207
7	66	68					66	67	104	168	212	207
8	66	68					66	67	116	164	210	206
9	67	68					66	67	119	161	210	206
10	67	68					66	67	124	158	212	206
11	68	68					66	67	129	155	210	204
12	68	68					66	67	129	160	207	173
13	68	68					66	67	136	158	204	134
14	68	68					66	67	136	151	206	134
15	68	68					66	67	134	150	204	134
16	68	68					66	67	137	147	206	134
17	68	68					66	67	140	147	206	84
18	68	68					66	67	141	141	206	10
19	68	68					66	67	137	143	206	17
20	68	68					66	67	136	137	209	17
21	68	68					66	67	134	136	209	17
22	70	68					66	68	138	134	209	18
23	70	68					66	67	136	133	210	17
24	70	68					66	67	141	133	209	18
25	70	68					66	68	155	133	209	18
26	70	68					66	68	160	133	209	18
27	70	68					66	68	162	133	209	19
28	70	68					66	70	167	133	209	19
29	70	68					67	71	164	133	210	19
30	70	68					67	72	164	134	209	19
31	70							74		127	209	
Mean	67.5	68.5	Est. 65	Est. 65	Est. 65	Est. 65	66.1	67.7	128	150	194	110
Acre-Feet	4,150	4,070	4,000	4,000	3,740	4,000	3,930	4,170	7,620	9,210	11,950	6,530

Year ~~or Period~~ Mean 92.8

Acre-Feet 67,370

U. S. GOVERNMENT PRINTING OFFICE 10—60066-1

Daily ~~discharge~~ contents, in ~~second~~ acre-feet, of ISLAND PARK RESERVOIR near ISLAND PARK, IDAHO for the year ending September 30, 1952

Plate 49

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	85200	81725	82020	81900	80430	77770	74685	83030	136905	136260	105565	74965
2	84235	81665	82315	81840	80665	77600	74630	85055	136580	135855	103490	74630
3	83630	81605	82315	81490	80605	77370	74465	91300	136990	135855	101710	74190
4	82850	81545	82375	81370	80485	77260	74355	96025	137475	135690	99680	73645
5	82200	81490	82555	81250	80485	77145	74190	101165	137720	135450	98275	73260
6	81545	81370	82615	81135	80310	77145	73970	105845	137885	135285	97345	72720
7	80665	81250	82615	81015	80195	77090	73860	110085	137720	135205	96025	72125
8	80665	81135	82555	81015	80020	76975	73805	114790	137720	135205	94585	71275
9	80955	81135	82555	81015	79905	76865	73750	117965	137475	135045	92320	70535
10	81015	81370	82495	80955	79790	76750	73590	121350	137230	134235	91300	69700
11	81015	81490	82435	80955	79675	76750	73535	124165	137230	132950	89910	69230
12	81015	81605	82435	80955	79555	76750	73535	126875	136990	131750	88465	68615
13	80955	81665	82200	80955	79440	76750	73535	129065	136905	130640	87285	68155
14	80780	81665	82200	80955	79385	76580	73425	131355	136665	129460	86300	68105
15	80665	81665	82080	81370	79265	76415	73370	134395	136095	128830	85385	68155
16	80545	81605	81960	81430	79265	76190	73370	136095	136015	128515	84780	68105
17	80485	81490	81900	81430	79265	76080	73425	137560	135855	128045	84175	68105
18	80370	81370	81725	81135	79265	76080	73480	137315	135855	127421	83570	67950
19	80545	81310	81960	81015	79210	76080	73750	136990	135855	126485	82850	67950
20	80545	81310	81960	80900	79035	75965	74080	135150	135690	126250	82200	67645
21	80665	81250	81725	81135	78920	75855	74300	138050	135365	125785	81725	67390
22	80780	81370	82080	80955	78860	75685	74520	137805	135855	125090	81015	67390
23	80840	81430	81960	80955	78745	75575	74910	137070	135855	124395	80430	67290
24	81075	82200	81960	80955	78630	75465	75240	137070	135855	122715	79675	66740
25	81490	82200	81900	81135	78515	75465	75800	136990	136825	120365	79095	65945
26	81605	82140	81840	81015	78460	75410	76525	136825	136825	118115	78345	65160
27	81605	82080	81840	80840	78230	75295	77315	137230	136990	115890	77715	64385
28	81665	82020	81960	80720	78055	75185	78400	137230	136990	113915	77090	63470
29	81725	82020	82080	80665	77885	75020	79615	137150	136825	111735	76415	62900
30	81725	82020	82020	80605		74910	80900	137150	136665	109585	75855	62525
31	81725		81960	80485		74795		136990		107455	75350	
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, 1952.

Plate No. 5

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	966	572	567	557	557	538	557	11	1490	1000	1800	961
2	966	572	567	557	552	538	557	11	1200	961	1790	966
3	966	572	567	557	552	538	557	11	1150	940	1780	976
4	961	572	567	557	552	538	557	11	1200	920	1680	976
5	950	572	567	557	552	538	557	502	1240	910	1280	976
6	950	572	567	557	552	538	557	748	1360	870	1180	981
7	832	572	567	557	552	538	562	753	1400	851	1600	1050
8	310	457	567	557	552	538	562	753	1370	851	1560	1100
9	552	533	567	557	552	538	562	758	1280	966	1550	1100
10	606	533	567	557	552	538	562	758	1210	1360	1540	1090
11	615	557	567	557	552	543	562	767	1180	1400	1540	1080
12	610	567	567	557	548	548	567	767	1140	1440	1450	1050
13	610	567	567	557	548	548	567	851	1100	1400	1290	840
14	610	567	567	557	548	548	567	783	1070	1230	1240	689
15	610	567	567	557	548	548	567	660	1000	961	1040	708
16	610	567	567	557	548	548	567	920	997	940	1040	718
17	610	567	567	557	548	548	567	1410	981	956	1040	723
18	581	567	557	557	548	548	567	1640	950	1040	1040	713
19	572	567	557	557	548	548	572	1620	940	1040	1050	708
20	572	567	557	557	543	548	572	1660	915	1050	1060	704
21	572	567	557	557	543	548	572	2040	910	1050	1060	669
22	572	567	557	557	543	548	572	2110	940	1060	1060	664
23	572	370	557	557	543	548	572	1750	900	1310	1050	723
24	572	347	557	557	538	552	572	1630	961	1850	1050	940
25	572	567	557	557	538	552	576	1640	1070	1840	1060	940
26	572	567	557	557	538	552	576	1620	1110	1840	1060	940
27	572	567	557	557	538	552	576	1610	1130	1840	1060	940
28	572	567	557	557	538	552	581	1620	1120	1830	1060	940
29	572	567	557	557	538	552	581	1620	1090	1820	1020	851
30	572	567	557	557		552	418	1590	1030	1820	956	650
31	572		557	557		552		1550		1810	961	
Mean	656	548	562	557	547	546	562	1,102	1,114	1,263	1,256	879
Acre-Feet	40,370	32,610	34,590	34,250	31,460	33,550	33,440	67,780	66,320	77,660	77,250	52,300

Year ~~or Period~~ Mean 801 Acre-Feet 581,580

Daily discharge, in second-feet, of HENRYS FORK at WARM RIVER, IDAHO for the year ending September 30, 1922.

Plate 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1410	975	975	920	957	933	963	1360	2280	1520	2200	1360
2	1420	1010	1000	900	993	933	963	1430	2150	1470	2200	1370
3	1440	975	975	930	945	939	963	1720	1860	1430	2180	1380
4	1440	969	981	957	945	939	963	1920	1900	1380	2190	1410
5	1420	963	999	975	921	957	963	2320	1920	1370	1910	1400
6	1400	963	969	981	939	951	963	2250	1960	1360	1620	1400
7	1390	969	939	963	921	903	981	2140	2080	1300	1890	1410
8	909	927	963	999	945	933	999	2080	2060	1290	2000	1520
9	873	861	939	987	939	939	981	2020	1990	1280	1990	1530
10	975	921	957	1000	927	951	981	1960	1880	1650	2000	1550
11	1050	933	999	981	927	969	975	1950	1840	1850	1990	1560
12	1040	993	969	969	933	963	981	2000	1760	1880	1920	1540
13	1040	975	963	957	939	939	987	2080	1720	1890	1810	1440
14	1030	969	957	957	920	945	993	2150	1660	1800	1820	1130
15	1070	963	969	957	920	945	999	1850	1630	1440	1560	1070
16	1050	987	975	969	981	945	993	2060	1600	1350	1500	1100
17	1040	981	951	963	969	957	1020	2400	1540	1310	1500	1090
18	1030	987	975	951	945	957	1040	2750	1500	1390	1490	1120
19	987	1010	957	969	930	975	1070	2730	1490	1460	1500	1100
20	1000	981	945	963	920	981	1090	2770	1480	1470	1500	1100
21	999	993	955	963	960	951	1090	3180	1450	1440	1500	1070
22	1020	981	955	951	960	945	1100	3260	1500	1440	1490	1040
23	993	969	955	957	950	951	1120	2960	1500	1440	1500	1040
24	1050	558	955	981	940	969	1160	2650	1540	2120	1490	1220
25	1030	969	955	957	970	963	1240	2640	1730	2200	1490	1350
26	1010	969	955	951	987	963	1320	2600	1720	2190	1500	1350
27	999	975	955	945	933	957	1420	2530	1720	2200	1490	1340
28	999	969	987	939	933	951	1600	2490	1720	2200	1490	1340
29	993	939	975	939	927	957	1670	2480	1650	2180	1490	1330
30	993	987	969	933		963	1670	2440	1600	2180	1420	1100
31	993		951	945		963		2380		2180	1380	
Mean	1,100	954	965	958	944	951	1,109	2,308	1,748	1,666	1,710	1,292
Acre-Feet	67,620	56,770	59,350	58,930	54,300	58,490	65,970	141,900	104,000	102,500	105,100	76,880

Year ~~or Period~~ Mean 1,311
Acre-Feet 951,810

Daily discharge, in second-feet, of HENRYS FORK near ASHTON, IDAHO *for the year ending September 30, 1932.*

Plate No 52

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1770	1380	1390	1190	1280	1270	1270	2840	3190	2040	2800	1750
2	1770	1320	1390	1120	1390	1270	1300	2930	3120	1980	2840	1790
3	1830	1390	1330	1160	1280	1270	1320	3420	2720	1880	2840	1830
4	1830	1340	1340	1200	1300	1280	1270	3670	2800	1880	2840	1810
5	1810	1360	1360	1380	1230	1280	1300	4070	2760	1880	2490	1810
6	1770	1330	1330	1230	1300	1280	1340	4000	2800	1830	2080	1790
7	1750	1360	1280	1260	1230	1210	1420	3790	2970	1810	2420	1790
8	1300	1360	1190	1320	1260	1280	1400	3650	2860	1790	2510	1940
9	976	1200	1190	1300	1260	1300	1380	3510	2760	1720	2510	1920
10	1210	1330	1270	1340	1270	1300	1380	3400	2630	2120	2530	1940
11	1340	1320	1420	1320	1270	1340	1400	3330	2550	2470	2490	2060
12	1390	1440	1340	1360	1300	1320	1450	3400	2420	2570	2400	1960
13	1300	1380	1300	1320	1300	1260	1480	3490	2340	2610	2240	1860
14	1380	1380	1190	1340	1280	1270	1480	3580	2280	2420	2220	1470
15	1390	1380	1300	1270	1230	1280	1530	3060	2200	1960	1960	1360
16	1450	1300	1330	1360	1340	1320	1550	3280	2160	1860	1900	1470
17	1360	1230	1300	1190	1340	1300	1630	3540	2060	1770	1860	1530
18	1360	1300	1340	1170	1320	1260	1790	3900	2020	1940	1920	1470
19	1320	1470	1200	1390	1320	1280	1860	3880	2000	1940	1880	1520
20	1340	1340	1090	1380	1270	1280	1960	4000	1940	2060	1880	1500
21	1440	1400	1280	1280	1300	1270	1960	4710	1960	1960	1880	1450
22	1440	1340	1300	1320	1280	1270	2020	4680	2080	1940	1860	1450
23	1440	1330	1360	1340	1280	1270	2080	4240	2020	1920	1920	1470
24	1530	940	1340	1360	1190	1260	2180	3860	2080	2660	1920	1600
25	1530	1230	1300	1320	1240	1270	2380	3760	2550	2800	1940	1960
26	1450	1320	1280	1300	1330	1270	2550	3830	2420	2820	1900	1920
27	1420	1340	1420	1240	1320	1280	2780	3670	2340	2840	1900	1900
28	1440	1340	1320	1230	1270	1280	3040	3510	2340	2840	1900	1920
29	1420	1280	1340	1240	1270	1300	3150	3540	2220	2780	1880	1920
30	1440	1380	1280	1260		1320	2950	3400	2120	2780	1860	1600
31	1400		1260	1240		1330		3330		2820	1770	
Mean	1,471	1,327	1,302	1,282	1,284	1,283	1,820	3,654	2,424	2,216	2,172	1,725
Acre-Feet	90,440	78,960	80,050	78,800	73,880	78,880	108,300	224,700	144,200	136,200	133,600	102,700

U. S. GOVERNMENT PRINTING OFFICE 16—[illegible]

YEAR ~~or Season~~ MEAN 1,833

ACRE-FEET 1,330,710

Daily discharge, in second-feet, of HENRYS FORK at ST. ANTHONY, IDAHO for the year ending September 30, 1932

Plate 53

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								4490	4330	2730	1910	1290
2								4650	4280	2460	2000	1340
3								4900	3940	2090	2020	1400
4								5400	3920	1780	2040	1420
5								6200	3850	1630	1930	1420
6								6200	4070	1420	1700	1420
7								5960	4650	1220	1620	1460
8								5680	4570	1050	1710	1580
9								5210	4520	890	1740	1660
10								4950	4410	985	1760	1650
11								4780	4000	1300	1860	1750
12								5010	3410	1950	1830	1800
13								5150	3180	2310	1660	1810
14								5430	2960	2020	1630	1750
15								4680	3050	1570	1490	1600
16								4430	2980	1200	1340	1420
17								4220	2540	1060	1280	1400
18								4650	2350	1170	1300	1340
19								4430	2310	1200	1260	1400
20								4540	2290	1410	1320	1350
21								6530	2370	1260	1280	1250
22								6500	2690	1200	1350	1240
23								5360	2390	1110	1380	1240
24								4730	2500	1550	1400	1300
25								4600	3580	1880	1420	1680
26								5040	3510	1880	1360	1650
27								4840	3370	1910	1420	1650
28								4540	3250	2020	1440	1650
29								4620	3080	1970	1420	1630
30								4810	2920	1910	1400	1620
31								4600		1900	1300	

Mean								5,069	3,376	1,614	1,567	1,506
Acre-Feet								311,700	200,900	99,240	96,340	89,590

~~Year~~ ~~or~~ Period Mean ______

Acre-Feet 797,770

Daily discharge, in second-feet, of HENRYS FORK near REXBURG, IDAHO *for the year ending September 30, 1952*

Plate 54

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2060	2300	2290	2050	2050	1950	2100	5780	5630	3910	1880	1490
2	2070	2260	2340	2000	2100	1950	2020	5660	5350	3410	1930	1470
3	2140	2330	2340	2000	2050	1950	2090	5820	5130	2890	2100	1470
4	2350	2550	2280	2050	2050	1950	2100	6450	4790	2270	2100	1440
5	2410	2480	2300	2150	2000	1950	2100	7100	4700	1990	2080	1410
6	2380	2410	2250	2150	2020	2000	2180	7760	4660	1710	1800	1380
7	2340	2380	2290	2050	2000	2000	2360	7710	4950	1440	1470	1410
8	2300	2410	2190	2100	2050	1900	2580	7560	5570	1190	1630	1440
9	1860	2300	1540	2150	2050	1950	2680	7220	5800	914	1570	1550
10	1730	2220	1940	2150	2020	2000	2660	6900	5820	764	1590	1570
11	1860	2260	2180	2150	2050	2100	2680	6520	5760	902	1860	1710
12	2060	2310	2270	2150	2020	2100	2820	6200	5380	1350	1980	2050
13	2110	2410	2240	2100	2000	2150	2960	6110	4600	2050	1940	2140
14	2180	2370	2100	2100	1950	2100	3080	6130	4030	2350	1850	2080
15	2140	2380	2040	2000	1950	2050	3130	6320	3670	2020	1770	1790
16	2300	2260	2200	2050	2000	2050	3160	5980	3760	1520	1540	1750
17	2370	2150	2240	2100	2100	2100	3120	5690	3360	1190	1470	1760
18	2310	2220	2240	1950	2050	2200	3420	5390	2850	992	1430	1710
19	2280	2390	2230	2000	2000	2250	3730	5430	2700	1050	1400	1660
20	2260	2470	2030	2050	1950	2250	3990	5150	2620	1200	1410	1620
21	2470	2440	1980	2000	1950	2210	4040	5280	2700	1350	1470	1560
22	2550	2390	2140	1920	1950	2090	3970	6490	3150	1200	1440	1470
23	2580	2330	2170	2000	1900	2090	3910	6810	3380	1060	1420	1450
24	2620	2230	2180	2050	1850	2070	3900	6280	3380	1000	1470	1450
25	2760	1940	2170	2050	1850	2140	4010	5670	3910	1460	1500	1650
26	2720	2180	2160	2000	1850	2140	4240	5450	4840	1520	1490	1800
27	2640	2230	2200	2000	1820	2100	4540	5690	5130	1570	1490	1790
28	2570	2260	2240	1950	1820	2070	4870	5760	4950	1990	1560	1820
29	2560	2260	2200	1950	1900	2100	5410	5600	4620	2060	1550	1820
30	2480	2240	2180	1950		2120	5850	5590	4180	1980	1560	1830
31	2350		2120	2000		2120		5700		1910	1530	
Mean	2,316	2,312	2,170	2,044	1,978	2,071	3,323	6,168	4,379	1,684	1,654	1,651
Acre-Feet	142,400	137,600	133,400	125,700	113,800	127,300	197,800	379,200	260,600	103,600	101,700	98,260

U. S. GOVERNMENT PRINTING OFFICE 16—00066-1

Year ~~or Period~~ Mean 2,647

Acre-Feet 1,921,360

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

Plate No 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							13260	13475	15058	15229	14480	12160
2								13505	15058	15229	14410	12140
3								13550	15074	15244	14300	12140
4						13090		13595	15089		14220	12140
5	12160							13640	15089		14120	12160
6			12490	12770				13670	15120	15182	14030	12160
7								13715	15136	15182	13920	12160
8								13775	15136	15182	13820	12160
9							13280	13835	15136	15182		12160
10	12160							13910	15136	15182		12160
11								13970	15136	15182	13550	12160
12					13000			14030	15167	15182	13460	12160
13								14090	15182	15170	13380	12160
14						13130		14150	15198	15170	13300	12160
15	12170							14225	15213	15170	13190	12160
16								14300	15244	15170		12160
17				12810			13300	14376	15244	15170	13010	12160
18								14469	15244	15170	12930	12160
19								14562	15229	15170	12840	12160
20	12230							14624	15229	15170	12750	12160
21					13040	13180		14686	15229	15170	12660	12160
22								14764	15230	15170	12580	12160
23								14841	15230	15170		12160
24							13320	14872	15230	15170	12400	12160
25	12240			12900				14872	15230	15170	12320	12160
26					13070			14903	15230	15170	12220	12160
27								14934	15230	15010	12170	12160
28				12910	13080			14965	15230	14900	12170	12160
29							13440	14995	15230	14800	12170	12160
30		12450						15027	15230	14700	12170	12200
31	12300		12700	12920		13250		15058		14610	12170	

Mean												
Acre-Feet												

U. S. GOVERNMENT PRINTING OFFICE 16—60066-1

Year or Period
Mean ____________
Acre-Feet ____________

Daily discharge, in second-feet, of FALL RIVER near SQUIRREL, IDAHO *for the year ending September 30, 19*32

Plate No. 56

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	587	552	545	450	447	425	430	1940	2750	1550	660	573
2	615	580	573	447	474	425	425	2200	2880	1480	645	573
3	690	608	545	447	436	425	425	2440	2970	1300	645	573
4	690	601	559	469	442	425	420	2930	2970	1230	652	573
5	645	580	559	474	442	430	436	2860	2950	1180	660	566
6	622	566	545	474	436	430	458	2830	3260	1100	645	566
7	608	566	532	486	436	425	493	2780	3400	914	645	566
8	594	566	469	493	436	420	493	2620	3380	834	645	566
9	587	559	469	480	430	425	474	2540	3450	784	645	559
10	580	566	474	493	430	436	469	2420	3440	766	652	545
11	594	573	474	500	425	442	486	2440	2860	775	682	559
12	587	601	500	493	430	442	506	2620	2600	932	652	566
13	594	587	493	480	430	425	506	2780	2480	950	645	552
14	594	587	469	464	425	420	545	2800	2430	800	630	545
15	652	559	480	458	430	415	573	2600	2510	758	630	545
16	660	526	493	464	442	436	538	2360	2140	724	630	545
17	622	532	493	447	447	436	601	2210	1910	690	615	538
18	601	545	506	447	430	436	682	2180	2000	675	608	532
19	622	573	500	469	430	436	775	2130	2040	698	601	532
20	716	566	493	469	425	430	852	2540	2110	741	587	526
21	707	573	485	447	425	420	869	3240	2060	682	573	526
22	675	573	485	430	420	415	878	2700	1940	660	587	526
23	675	566	485	469	420	436	923	2420	1650	652	601	526
24	707	559	485	469	410	430	1050	2400	1610	638	601	526
25	707	545	485	464	410	425	1200	2440	1890	638	587	526
26	698	545	485	452	405	420	1360	2830	1770	668	594	532
27	660	559	485	447	410	420	1530	2760	1660	668	587	552
28	638	552	485	447	436	425	1760	2730	1590	675	559	559
29	630	545	485	447	420	442	1870	2880	1510	660	552	545
30	615	559	493	442		442	1780	3020	1600	652	559	519
31	587		452	447		442		2850		652	573	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
MEAN	637	566	499	463	430	429	794	2,596	2,394	843	618	548
ACRE-FEET	39,190	33,660	30,710	28,490	24,750	26,380	47,220	159,600	142,400	51,820	37,980	32,600

YEAR or PERIOD
MEAN 902
ACRE-FEET 654,800

Daily discharge, in second-feet, of FALL RIVER near CHESTER, IDAHO, for the year ending September 30, 1922

Plate No. 57

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								2380	2560	1350	241	306
2								2670	2610	1280	257	301
3								2960	2640	1060	283	292
4								3540	2580	882	296	296
5								3580	2530	762	385	288
6								3420	2750	629	395	257
7								3370	3050	460	375	249
8								3150	2930	328	292	253
9								3000	2980	168	278	253
10								2800	2960	214	274	245
11								2780	2520	296	319	342
12								3000	2070	427	314	346
13								3100	1940	510	296	328
14								3270	1820	427	292	319
15								3000	1870	365	278	310
16								2580	1620	337	278	292
17								2270	1300	319	265	270
18								2210	1310	283	257	253
19								2090	1360	283	261	261
20								2300	1400	314	265	257
21								3200	1380	283	249	214
22								2850	1430	253	245	214
23								2420	1180	221	249	229
24								2280	1150	225	265	265
25								2270	1660	229	265	257
26								2620	1630	229	257	257
27								2580	1510	257	292	278
28								2500	1460	283	314	278
29								2610	1350	245	301	274
30							2210	2830	1410	221	301	253
31								2670		221	306	
Mean								2,784	1,965	431	289	275
Acre-Feet								171,200	116,900	26,500	17,740	16,340

~~Year~~ Period
Mean
Acre-Feet 348,680

Daily discharge, in second-feet, of TETON RIVER near TETONIA, IDAHO for the year ending September 30, 1952

Plate 58

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	380	354	364	240	240	220	220	696	969	752	596	344
2	397	402	349	235	240	220	223	745	977	731	609	344
3	414	419	339	235	230	220	223	794	1040	710	570	344
4	448	329	330	240	225	220	230	962	1050	689	539	344
5	448	329	315	245	215	220	250	1130	1030	675	496	349
6	454	324	305	250	220	210	279	1160	1080	648	484	344
7	431	314	285	255	225	210	349	1120	1210	628	472	344
8	408	324	235	259	224	215	437	1120	1270	609	454	344
9	397	329	180	260	220	220	419	1070	1260	589	454	339
10	386	334	220	260	220	225	425	977	1240	583	454	334
11	392	339	240	265	220	225	484	902	1170	602	448	349
12	397	344	260	265	220	225	570	858	1010	661	448	380
13	414	339	250	270	220	225	648	902	939	682	443	375
14	408	339	215	270	220	220	738	984	895	648	431	364
15	408	334	240	270	220	215	745	1050	858	609	419	359
16	460	270	240	270	225	215	635	984	844	577	408	349
17	454	275	240	270	225	220	830	887	794	539	392	349
18	419	285	240	250	225	220	947	787	745	527	380	349
19	419	300	240	240	225	220	1000	717	710	552	380	339
20	431	310	240	240	225	210	962	661	689	583	375	334
21	448	305	240	240	225	205	738	668	689	558	370	334
22	454	295	240	240	220	205	717	780	731	527	370	329
23	454	280	240	240	215	210	689	780	738	508	375	324
24	496	260	240	240	210	210	661	682	752	502	375	324
25	502	240	240	250	215	215	609	635	895	484	370	319
26	478	310	240	250	220	214	596	682	947	478	364	314
27	443	296	240	250	220	214	577	830	917	490	380	310
28	402	301	240	245	220	214	589	794	910	490	359	310
29	392	314	240	240	220	220	628	801	851	478	354	305
30	375	339	240	235		223	675	887	773	466	349	305
31	364		240	235		223		977		466	344	
Mean	425	318	257	250	222	217	570	872	933	582	428	338
Acre-Feet	26,130	18,910	15,800	15,380	12,790	13,340	33,900	53,600	55,500	35,780	26,300	20,130

U. S. GOVERNMENT PRINTING OFFICE

Year ~~Period~~ Mean 451

Acre-Feet 327,560

Daily discharge, in second-feet, of TETON RIVER near ST. ANTHONY, IDAHO for the year ending September 30, 1924

Plate 59

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	628	568	587	390	420	386	404	1720	2460	1270	846	589
2	644	498	587	390	430	395	404	1920	2530	1240	930	589
3	661	613	554	390	412	382	404	2260	2670	1190	888	584
4	694	587	563	410	412	382	412	2810	2670	1190	839	578
5	712	587	535	420	378	391	440	3110	2660	1170	792	584
6	712	568	512	430	395	391	476	2950	2920	1160	754	584
7	706	563	480	440	417	378	544	2840	3040	1080	734	584
8	672	582	420	440	458	391	683	2750	2970	1040	728	589
9	655	587	380	450	440	399	700	2610	2890	1020	721	584
10	644	587	400	450	440	408	700	2310	2760	1040	721	578
11	644	597	430	450	430	408	776	2120	2370	1130	792	578
12	650	608	480	450	399	404	924	2170	2110	1150	786	618
13	661	602	440	450	399	391	1060	2490	1950	1270	747	635
14	666	597	390	460	395	391	1120	2840	1840	1160	683	612
15	655	544	440	470	390	391	1210	2900	1760	1030	671	606
16	694	466	460	470	400	395	1050	2570	1610	986	653	595
17	706	471	480	470	420	408	1360	2250	1450	944	641	589
18	672	512	500	420	399	412	1640	2070	1410	909	629	584
19	655	544	460	400	395	408	1790	1950	1390	909	635	578
20	683	568	410	410	386	369	1720	1920	1370	965	653	572
21	706	530	450	420	386	382	1390	2250	1350	923	653	567
22	706	512	400	420	386	386	1350	2350	1360	895	629	567
23	689	498	400	410	382	391	1320	2100	1270	860	629	562
24	725	471	410	420	370	395	1350	1940	1310	846	635	556
25	762	448	410	440	370	399	1390	1950	1520	818	629	550
26	743	549	412	440	385	404	1490	2270	1520	806	624	545
27	712	530	430	430	400	399	1500	2600	1450	812	635	545
28	666	530	450	420	390	395	1670	2470	1440	812	618	540
29	644	544	450	410	386	408	1850	2490	1370	786	601	528
30	644	558	450	410		417	1800	2740	1320	773	595	534
31	618		410	410		417		2660		766	584	
Mean	678	547	457	429	402	396	1,098	2,399	1,958	998	699	577
Acre-Feet	41,710	32,570	28,130	26,360	23,150	24,340	65,310	147,500	116,500	61,390	42,990	34,320

U. S. GOVERNMENT PRINTING OFFICE 16—60866-1

Year ~~or~~ ~~Period~~ Mean 888

Acre-Feet 644,270

Daily discharge, in second-feet, of PORTNEUF RIVER at POCATELLO, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	112	288	341	280	275	318	440	922	433	206	103	116
2	116	285	361	260	294	324	444	939	405	186	114	114
3	126	291	361	240	291	318	447	955	385	165	108	114
4	139	304	354	240	278	321	461	984	358	158	105	120
5	139	314	351	240	275	324	507	976	344	139	99	118
6	151	308	351	250	262	311	562	1000	314	131	101	114
7	170	308	331	265	259	298	615	1020	298	122	97	112
8	173	314	288	285	256	298	653	1040	285	103	108	112
9	163	318	234	300	252	301	664	1030	256	83	108	110
10	165	314	250	316	246	304	672	1020	237	77	124	118
11	186	318	270	325	240	311	695	1010	218	76	146	135
12	195	334	285	330	240	311	695	959	203	78	151	148
13	215	358	290	330	246	301	664	935	198	112	158	151
14	281	344	290	330	243	301	680	898	178	146	155	151
15	278	341	300	330	234	301	695	858	155	137	155	163
16	272	321	305	265	243	301	688	834	155	116	153	176
17	265	304	305	265	252	311	699	802	155	99	148	176
18	265	304	305	260	265	314	723	730	148	94	131	163
19	265	304	305	290	268	318	738	684	142	78	124	151
20	265	318	305	305	265	311	790	660	135	83	118	146
21	278	341	305	305	275	304	802	668	131	88	106	148
22	281	351	305	305	278	298	802	684	137	78	139	146
23	281	344	290	305	278	298	810	660	133	78	118	139
24	281	331	260	328	288	314	822	622	173	68	118	135
25	278	321	250	314	262	324	842	603	230	61	120	131
26	272	318	275	314	262	328	838	592	230	66	122	131
27	268	318	315	291	324	351	846	574	235	85	118	131
28	268	318	315	275	337	368	866	555	280	85	110	129
29	272	324	315	272	314	392	890	514	250	83	116	126
30	285	331	315	262		416	914	493	225	83	112	126
31	288		300	268		433		478		85	116	
Mean	226	320	304	289	269	323	699	797	234	105	123	135
Acre-Feet	13,870	19,020	18,700	17,740	15,480	19,880	41,580	48,990	13,940	6,440	7,540	8,030

Year or Period
Mean 318
Acre-Feet 231,210

U. S. GOVERNMENT PRINTING OFFICE

Daily discharge, in second-feet, of TETON CREEK Below GRAND TETON CANAL near DRIGGS, IDAHO, for the year ending September 30, 19 32

Plate 61

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								218	268	60		
2								265	372	58		
3								280	394	42		
4								343	394	46		
5								318	390	49		
6								297	355	35		
7								287	488	35		
8								280	347	13		
9								244	452	13		
10								212	303	0		
11								178	183	3		
12								200	197	0		
13								272	156	0		
14								318	170	0		
15								265	123	0		
16								231	96	0		
17								215	35	0		
18								203	76	0		
19								185	104	0		
20								185	76	0		
21								191	66	0		
22								123	41	0		
23								101	21	0		
24								90	26	0		
25								110	26	0		
26								215	13	0		
27								209	13	0		
28								218	13	0		
29								280	58	0		
30								299	62	0		
31								295		0		
Mean								230	177	11.4		
Acre-Feet								14,120	10,550	702		

U. S. GOVERNMENT PRINTING OFFICE 16—00066-1

Year or Period Mean ________

Acre-Feet ________

Daily discharge, in second-feet, of GRAND TETON CANAL at head near DRIGGS, IDAHO for the year ending September 30, 19

Plate

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								52	310	224	46	
2								65	280	248	46	
3								99	266	203	40	
4								91	385	207	36	
5								91	382	220	27	
6								82	353	180	26	
7								80	448	153	26	
8								88	448	122	31	
9								84	448	124	27	
10								78	360	136	24	
11								104	336	135	27	
12								132	365	128	27	
13								148	291	117	26	
14								154	312	108	24	
15								141	244	99	26	
16								151	201	102	26	
17								146	244	96	24	
18								143	324	92	24	
19								140	360	84	23	
20								149	268	71	22	
21								171	218	76	21	
22								160	151	81	21	
23								149	124	71	20	
24								165	154	72	20	
25								195	156	72	18	
26								282	125	73	18	
27								275	127	73	16	
28								251	132	62	18	
29								282	216	51	16	
30								305	214	51	15	
31								291		40	15	
Mean								153	275	115	25.0	
Acre-Feet								9,410	16,350	7,080	1,540	

Year or Period

Mean ____________

Acre-Feet ____________

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

Plate No. 63

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	58	49	46	43	36	34	30	101	292	166	86	63
2	58	49	46	41	36	34	30	112	310	164	82	62
3	57	49	46	40	36	34	30	141	322	158	82	61
4	56	49	46	40	36	34	30	166	343	156	76	60
5	56	49	46	40	36	34	31	176	364	154	75	61
6	55	49	46	39	36	34	32	174	406	152	75	60
7	54	49	46	39	36	34	32	178	417	144	75	61
8	54	50	45	39	36	33	32	176	414	139	74	60
9	54	49	45	39	36	32	30	164	401	135	76	59
10	54	49	45	39	36	32	30	152	372	133	75	58
11	56	49	45	39	36	32	32	148	330	131	75	58
12	54	49	45	39	35	32	32	158	322	128	73	57
13	54	49	45	39	34	32	32	176	302	124	73	56
14	54	49	45	39	35	32	32	193	294	119	73	55
15	54	48	45	39	35	31	32	189	282	115	73	54
16	54	48	45	38	36	30	32	182	252	113	71	53
17	54	48	45	37	36	32	32	172	245	110	70	52
18	53	48	45	37	36	31	35	164	243	106	70	52
19	54	48	44	37	36	30	38	162	245	106	69	53
20	55	48	44	37	36	30	39	170	238	103	69	52
21	54	49	44	36	36	30	39	178	229	100	69	51
22	54	48	44	36	36	30	40	172	211	98	68	51
23	54	47	44	35	36	30	43	162	197	96	69	51
24	54	47	44	36	36	30	49	160	197	94	68	51
25	54	46	44	36	35	30	56	174	191	90	66	50
26	54	46	44	36	35	30	66	202	182	89	66	49
27	53	46	44	36	35	30	75	213	178	88	66	49
28	53	46	44	36	35	30	90	222	174	86	64	49
29	53	46	44	36	35	30	100	250	178	83	64	49
30	52	46	44	36		30	95	302	174	82	63	49
31	49		44	36		30		290		82	63	
Mean	54.3	48.1	44.8	37.9	35.7	31.6	43.2	180	277	118	71.5	54.9
Acre-Feet	3,340	2,860	2,760	2,330	2,050	1,940	2,570	11,070	16,470	7,230	4,400	3,260

YEAR ~~or~~ ~~PERIOD~~

MEAN 83.0

ACRE-FEET 60,280

Daily discharge, in second-feet, of TETON CREEK near DRIGGS, IDAHO *for the year ending* [illegible]

Plate 6

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	22	16	14	11	8.7	9.2	230	600	352	86	23
2	23	23	17	14	11	8.5	9.2	256	674	352	94	22
3	25	26	16	14	11	8.5	9.2	361	702	320	83	22
4	26	26	16	14	11	8.5	9.5	449	739	323	75	21
5	26	23	16	14	10	8.5	11	435	798	346	71	22
6	29	22	16	14	10	8.5	11	389	906	349	64	22
7	28	22	15	14	9.5	8.5	13	380	863	272	59	21
8	30	22	14	13	10	8.7	15	343	850	235	58	22
9	32	21	15	13	9.5	8.7	15	286	820	240	54	20
10	32	20	16	13	9.5	8.7	16	248	698	251	51	20
11	37	20	16	13	9.2	8.7	17	246	581	225	49	20
12	36	21	15	13	9.2	8.7	19	289	604	210	47	22
13	32	20	15	13	9.0	8.5	22	376	555	195	46	18
14	30	20	14	13	9.0	8.5	24	452	558	181	46	17
15	31	20	15	13	9.0	8.5	28	422	518	167	44	17
16	30	17	15	13	9.0	8.5	30	373	392	179	39	16
17	31	17	15	13	9.0	8.5	34	328	412	170	38	15
18	29	18	16	13	8.7	8.5	39	317	469	143	36	15
19	30	18	15	13	8.7	8.5	51	305	490	139	35	15
20	31	18	15	13	8.5	8.5	66	317	486	133	34	15
21	30	18	15	12	8.5	8.5	73	323	415	126	32	15
22	28	18	13	12	8.2	8.5	72	291	317	124	32	15
23	28	17	15	12	8.2	8.5	71	243	240	115	32	15
24	28	17	15	12	8.5	8.5	85	235	256	116	31	15
25	29	17	14	12	8.5	8.5	115	289	267	118	30	14
26	28	17	14	12	8.7	8.5	150	435	218	110	29	13
27	28	17	14	11	8.7	8.7	172	405	210	100	29	13
28	29	17	15	11	8.7	8.7	235	418	228	88	28	13
29	30	17	15	11	8.7	9.0	264	529	337	84	26	13
30	29	17	14	11		9.0	220	600	361	77	26	13
31	25		14	11		9.0		544		74	24	

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Mean	29.1	19.6	15.0	12.7	9.26	8.60	63.5	359	519	191	46.1	17.5
Acre-Feet	1,790	1,170	924	781	533	529	3,780	22,040	30,870	11,730	2,830	1,040

U. S. GOVERNMENT PRINTING OFFICE 16—60000-1

Year or Period
Mean 107
Acre-Feet 78,017