

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

1967

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INTRODUCTION

The annual meeting of Water District No. 36 was held at Idaho Falls on March 6, 1967. H. C. Eagle was reelected as watermaster for the ensuing year.

The following were elected as members of the Committee of Nine:

Leonard Graham, Chairman; Alfred Peters, Vice-Chairman; C. N. Scoresby, Secretary; Leo Murdock, R. Willis Walker, Lester Saunders, Lavon Christensen, Clyde Greenwell, Lynn Loosli.

Advisory members: Glenn Simmons, representing the Bureau of Reclamation; William Kerner, representing the Gooding Project; F. C. Gillette, representing Teton Basin, and Burdell Curtis.

Principal resolutions adopted at the annual meeting were as follows:

1. That the following transmission losses be charged on stored water: 1.7% Moran to Palisades; 0.8% Palisades 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 \$92,831 to cover the expense of operating the District during the coming year, of which it was estimated that \$34,000 would be available from Federal and State stream gaging funds. This budget included an item of \$9,000 for installation of a snow pillow and transmitting equipment on the Glade Creek snow course.
3. Recommended the continuation of a pool committee to obtain and allocate rental water.
4. Reaffirmed support of an integrated multipurpose Lynn Crandall project.

5. Reaffirmed support for the Lower Teton Reclamation Project.

Precipitation and runoff for 1967 were above normal. The average precipitation for nine representative stations for the water year ending September 30, 1967, was 17.22" compared to a normal of 15.48" and to 11.99" in 1966. Precipitation for June and July was 225% and 170% of normal, respectively. Demand for water continued into October and storage deliveries continued in the lower valley until October 8.

With the heavy precipitation in June and July and delayed snowmelt there was sufficient normal flow to supply all needs for water through July 11. The Milner spill was cut off on that date with all reservoirs full. During the October through July period about 185,000 acre-feet in excess of Idaho Power Company rights spilled to waste past Milner. This spill would have been much greater except for the fact that the snow melt was delayed until the heavy runoff could be diverted by canals instead of spilling to waste.

Storage deliveries started in the lower valley on July 12. The 1916 "floodwater" rights were cut off on July 17. The lowest cut in rights was on September 11-13 when the May 1, 1892 right of the Corbett Slough was cut off.

Total usable contents in the reservoir system on October 7 (American Falls time) was 2,109,000 acre-feet. This is 52% of active capacity and the second highest of record.

Discharge at the Minidoka Dam was cut below the 2,700 cfs power right for period October 16, 1966 to April 4, 1967.

The Bureau of Reclamation continued studies on the proposed Lynn Crandall project. Test drilling was carried out at the Fremont

damsite on Teton River. Overburden was removed at the Ririe dams site under the direction of the Corps of Army Engineers prior to making final plans for its construction.

PERSONNEL

The persons engaged in water distribution during 1967 were as follows:

H. C. Eagle	Watermaster and Deputy Com. of Reclamation
Arthur L. Larson	Hydraulic Engineer and Deputy Watermaster
C. Michael Bennett	Engineering Technician and Hydrographer
L. C. Anderson	Deputy Watermaster and Hydrographer at St. Anthony
Oleen Dummer	Hydrographer
Laird Dummer	Hydrographer
A. H. Bush	Hydrographer
Charlotte E. Wood	Clerk
Arthur W. Wilson	Deputy Watermaster and Hydrographer, Teton Basin
Seth L. Hansen	Deputy Watermaster, Teton Basin
O. P. Mortensen	Deputy Watermaster, Lower Teton River
S. B. Garrett	Deputy Watermaster, Henrys Fork
Elmer Lenz	Deputy Watermaster, Upper Fall River
Bruce Cole	Deputy Watermaster, Heise Division
J. M. Brown	Deputy Watermaster, Rigby Division
J. A. Balmforth	Deputy Watermaster, Idaho Falls Division
Carl J. Anderson	Deputy Watermaster, Blackfoot Division
Leland H. Moore	Deputy Watermaster, Swan Valley Division
Glenn Simmons	Supt. Minidoka Project, Bur. of Reclamation
C. R. Finley	Supt. Am. Falls Res., Bureau of Reclamation
Edw. Wilske	Asst. Supt. Am. Falls Res., Bureau of Reclamation
James L. Braman	Supt. Jackson Lake, Bureau of Reclamation
Jim Wilson	Supt. Palisades Res., Bureau of Reclamation
John Williams	Supt. Island Park Res., Bureau of Reclamation

Gage Readers: Foster B. Randall, Bruce Cole, Mrs. Irvin Siepert, R. E. Wagner, Rogers Livingston, R. H. Seymour, Mario M. Purin, Roy Flavel, Earl D. Sears, W. A. Templeton, Robert Timmons, Nalon Humphrey, Roger Morgan, Lee Peterson.

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. Normals are those

computed by Soil Conservation Service and are for period 1948-62
for snow courses in use during that time.

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Moran (Snake River)</u>								
1958	31	6.4	43	8.7	40	11.5	35	11.5
1959	21	4.9	36	7.6	43	11.3	37	11.0
1960	12	1.8	25	5.2	36	9.5	30	10.3
1961	25	4.8	26	6.2	33	7.9	26	7.5
1962	35	8.0	41	10.4	43	12.4	44	14.2
1963	11	1.8	27	5.2	29	8.6	25	8.2
1964	21	3.8	40	9.1	38	10.1	43	12.7
1965	37	10.3	52	14.1	48	15.8	50	17.6
1966	24	4.1	32	8.1	38	9.6	34	10.4
1967	22	4.6	37	10.3	41	12.4	40	12.9
Normal		5.4		8.6		11.4		12.5
<u>Moran Canyon (Snake River)</u>								
1958			53	14.1	66	21.5	65	23.9
1959			51	12.8	66	18.6	61	12.3
1960			38	7.5	48	13.3	-	(14.8)
1961			35	9.5	49	13.6	49	16.5
1962			57	17.3	65	23.0	70	26.0
1963			-	-	45	13.1	39	13.9
1964			54	13.7	49	16.7	66	20.4
1965			74	20.9	69	23.7	72	26.2
1966			46	12.9	54	16.0	49	17.8
1967			49	14.2	58	18.3	55	20.5
Normal				13.6		19.1		23.1
<u>Arizona Station (Snake River)</u>								
1958	37	8.4	39	10.1	50	14.8	50	17.2
1959	24	5.8	43	9.2	56	14.7	62	17.8
1960	16	2.6	32	6.2	40	10.8	44	13.9
1961	30	7.3	33	8.3	47	12.8	46	15.3
1962	44	11.7	49	14.1	61	19.3	67	23.5
1963	15	3.0	30	5.7	36	9.8	33	10.3
1964	28	6.6	50	12.5	62	18.3	60	18.7
1965	48	13.7	67	19.8	63	22.2	66	25.0
1966	35	6.3	39	11.4	45	13.6	51	17.0
1967	32	8.8	53	15.4	59	18.8	62	21.5
Normal		7.4		11.8		16.8		19.7

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Huckleberry Divide (Snake River)</u>								
1958	40	9.5	43	11.6	55	17.1	55	18.8
1959	20	6.8	47	10.4	58	15.6	62	18.5
1960	17	3.0	35	6.3	43	10.9	46	13.7
1961	32	7.6	33	8.6	46	12.7	50	15.2
1962	44	11.6	52	14.9	63	20.1	68	23.7
1963	16	3.5	35	6.6	42	10.7	38	11.6
1964	29	6.7	52	12.9	49	14.5	63	19.7
1965	46	12.7	66	18.9	64	22.7	65	24.1
1966	35	6.5	44	12.7	48	15.5	53	17.7
1967	29	7.4	52	14.6	56	17.3	58	19.5
Normal		8.1		14.0		17.5		20.6
<u>Snake River Station (Snake River)</u>								
1958	42	10.3	45	12.3	58	18.1	56	20.1
1959	30	7.9	42	11.0	61	16.8	63	19.8
1960	14	2.3	33	6.3	44	11.7	43	14.2
1961	37	8.7	37	10.1	53	15.1	57	17.9
1962	48	12.8	53	15.9	63	20.2	66	23.2
1963	19	4.8	41	8.3	49	13.2	44	14.6
1964	28	6.2	52	12.5	52	15.0	65	20.3
1965	46	12.8	66	18.6	71	23.8	70	25.7
1966	35	6.3	44	12.3	48	15.1	51	17.8
1967	25	6.6	51	14.5	58	18.0	59	20.4
Normal		8.6		13.3		18.6		22.1
<u>Lewis Lake Divide (Snake River)</u>								
1958	74	20.4	72	23.6	101	34.1	99	38.0
1959	54	17.3	76	23.4	112	36.4	122	42.7
1960	26	5.5	56	13.4	66	21.1	78	27.1
1961	54	15.6	51	17.0	89	27.6	102	36.1
1962	86	25.9	86	30.8	116	42.4	133	50.4
1963	31	9.7	59	14.8	75	23.6	71	26.3
1964	45	12.8	79	22.8	79	26.8	112	37.3
1965	87	28.8	121	39.5	126	48.8	130	52.1
1966	66	14.8	77	25.4	81	30.1	89	34.9
1967	48	15.9	103	32.1	107	39.0	122	45.6
Normal		18.4		27.6		38.1		45.9
<u>Aster Creek (Snake River)</u>								
1958	59	14.8	53	16.4	69	21.8	70	24.8
1959	38	11.0	55	15.5	81	24.1	85	27.5
1960	21	3.6	45	9.7	49	14.6	56	16.6
1961	41	11.8	42	12.3	71	19.7	79	25.9
1962	67	20.4	71	23.1	93	32.0	106	38.2
1963	28	8.0	48	10.9	61	17.7	56	19.2
1964	32	8.0	65	16.5	62	18.3	81	25.4
1965	78	24.7	102	33.9	99	37.9	107	41.9
1966	62	12.4	63	20.5	66	23.5	76	29.1
1967	40	12.8	91	26.6	89	31.2	100	36.2
Normal		13.3		20.4		28.3		34.1

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Colter Creek (Snake River)</u>								
1958			46	13.0	64	18.9	57	20.8
1959			48	12.3	65	18.7	59	20.8
1960			36	8.1	50	12.8	44	15.5
1961			34	9.2	53	15.5	59	19.1
1962			55	16.2	68	21.9	70	25.4
1963			38	8.4	49	14.0	47	15.7
1964			57	12.8	52	16.4	74	22.4
1965			-	-	74	25.3	78	26.9
1966			-	-	55	16.3	43	16.4
1967			-	-	60	20.6	61	22.5
Normal				14.4		20.6		24.1
<u>Glade Creek (Snake River)</u>								
1958	43	11.1	49	14.1	60	19.5	60	21.8
1959	30	7.4	42	11.0	61	17.1	62	20.3
1960	13	2.1	33	6.3	45	12.0	49	15.0
1961	36	8.6	35	10.0	50	13.9	60	18.3
1962	51	14.0	56	17.5	70	23.4	70	27.4
1963	16	3.9	37	9.0	44	11.8	44	13.0
1964	29	6.5	52	12.9	50	15.1	67	20.6
1965	47	13.9	69	20.6	71	25.0	74	27.0
1966	37	6.8	46	13.3	57	16.3	54	19.1
1967	29	7.3	52	14.8	61	18.9	63	22.0
Normal		9.1		14.4		19.9		23.9
<u>Base Camp (Snake River)</u>								
1958	33	7.9	40	9.7	46	13.8	43	14.2
1959	-	-	51	11.5	58	15.3	55	17.7
1960	14	2.7	30	6.1	40	10.5	42	13.5
1961	-	6.3	32	7.3	44	11.5	38	12.3
1962	44	11.1	46	13.3	56	17.3	59	20.5
1963	17	4.0	42	8.6	42	12.0	37	12.4
1964	28	6.5	52	12.8	51	15.2	64	19.7
1965	52	16.0	81	23.8	71	26.9	75	29.9
1966	31	6.4	42	12.4	46	14.6	49	16.9
1967	30	7.5	56	15.9	59	19.7	60	22.0
Normal		8.2		11.5		16.7		19.2
<u>Average water content of ten Jackson Lake courses</u>								
1958			13.4		19.1		21.1	
1959			12.5		18.9		20.8	
1960			7.5		12.7		15.5	
1961			9.8		15.0		18.4	
1962			17.4		23.2		27.2	
1963			7.7		13.4		14.5	
1964			13.8		16.2		21.7	
1965			23.3		27.2		29.6	
1966			14.3	(9)	17.1		19.7	
1967			17.6	(9)	21.4		24.3	
Normal			15.0		20.7		24.5	

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

Year	Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W
<u>Turpin Meadows (Buffalo River)</u>						
1958	34	6.8	37	10.1	35	10.1
1959	37	7.3	42	10.1	36	11.1
1960	16	2.8	24	5.6	24	6.8
1961	25	5.6	31	7.4	28	8.4
1962	34	8.5	40	11.4	40	12.1
1963	27	4.9	31	7.1	22	6.4
1964	35	7.9	38	9.6	43	12.5
1965	48	10.6	40	12.4	42	12.9
1966	25	5.8	28	6.8	24	7.0
1967	30	7.1	35	9.6	29	9.8
Normal		7.5		10.0		11.2
<u>Four Mile Meadows (Buffalo River)</u>						
1958	36	7.5	39	10.1	43	12.6
1959	42	9.1	41	12.4	46	13.6
1960	24	4.6	33	7.8	34	9.6
1961	32	7.5	40	10.0	44	11.4
1962	40	10.1	49	13.3	54	15.9
1963	35	6.3	42	10.0	36	10.5
1964	42	9.5	45	11.8	51	15.1
1965	50	12.3	44	14.0	48	16.1
1966	29	6.9	35	8.6	34	9.4
1967	35	8.0	39	10.4	41	12.6
Normal		9.0		11.5		13.9
<u>Black Rock (Buffalo River)</u>						
1958	52	11.8	59	16.3	60	19.5
1959	60	15.2	72	19.9	67	24.3
1960	39	9.5	48	13.4	57	17.4
1961	41	10.1	52	13.3	57	17.1
1962	51	14.8	68	20.2	72	25.0
1963	48	9.1	60	15.8	52	17.3
1964	56	13.5	57	16.8	68	22.3
1965	77	20.3	68	24.5	76	28.2
1966	40	10.8	37	12.7	48	15.8
1967	53	13.8	60	18.2	64	21.3
Normal		14.4		18.5		21.7
<u>Togwotee Pass (Buffalo River)</u>						
1958	64	15.1	70	21.5	73	26.2
1959	75	20.9	87	26.8	84	32.2
1960	54	14.4	64	19.1	74	24.6
1961	54	15.3	67	19.0	71	24.0
1962	66	21.6	86	28.3	89	33.4
1963	64	13.6	77	22.0	69	24.4
1964	70	18.3	70	22.1	85	30.3
1965	99	28.1	86	33.5	99	39.4
1966	49	14.6	57	17.5	58	21.2
1967	74	20.1	81	26.9	86	31.6
Normal		19.6		25.0		31.3

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Valley View Ranch (Henrys Fork)</u>								
1958	28	5.2	31	6.5	38	9.2	42	12.5
1959	19	2.7	32	6.2	47	11.6	44	12.8
1960	14	1.5	24	4.4	30	6.9	32	8.0
1961	25	4.8	23	5.8	39	10.1	42	13.4
1962	37	9.0	46	12.8	54	15.8	58	19.4
1963	21	4.7	31	7.6	32	8.4	35	9.0
1964	22	4.6	45	11.5	50	14.8	58	19.4
1965	45	11.2	76	23.5	64	24.0	65	25.9
1966	22	3.4	34	8.4	37	10.6	39	13.0
1967	33	7.0	62	18.2	61	22.2	69	25.2
Normal		5.5		9.6		13.2		16.4

<u>Big Springs (Henrys Fork)</u>								
1958	43	9.2	42	10.9	49	14.4	53	18.0
1959	22	4.3	45	10.8	59	16.3	55	16.9
1960	13	1.5	27	5.6	38	10.0	34	11.0
1961	31	6.8	30	8.8	53	16.5	56	19.8
1962	49	13.5	56	17.5	68	22.8	69	25.6
1963	15	3.2	28	6.2	35	9.2	32	10.4
1964	26	5.8	49	11.4	53	14.9	65	21.8
1965	58	13.3	81	22.2	69	24.6	68	26.3
1966	23	3.3	41	10.5	46	13.9	44	16.8
1967	37	9.4	69	19.4	68	23.1	74	26.7
Normal		7.9		13.7		19.6		22.6

<u>Island Park (Henrys Fork)</u>								
1958	37	7.1	41	9.7	42	11.8	44	14.4
1959	16	2.1	35	6.8	51	13.1	44	13.7
1960	14	1.5	26	4.8	36	7.9	30	8.9
1961	27	5.5	26	7.0	45	12.5	45	15.0
1962	40	10.2	49	13.2	57	17.6	62	20.3
1963	14	3.0	25	4.9	31	7.8	30	8.8
1964	23	4.5	42	8.7	43	11.1	51	15.9
1965	55	11.5	73	19.4	60	20.4	55	20.8
1966	19	2.5	56	8.4	40	11.2	34	11.5
1967	32	6.4	59	15.8	54	17.2	56	19.6
Normal		6.1		10.8		15.3		17.6

<u>Grassy Lake (Falls River)</u>								
1958	58	15.0	71	21.0	81	28.0	83	32.3
1959	40	12.7	73	20.2	90	28.7	90	33.6
1960	21	3.9	52	11.7	68	20.1	74	25.2
1961	49	13.2	46	15.1	74	23.3	81	28.6
1962	70	20.4	77	25.6	92	34.4	100	39.9
1963	26	7.1	54	14.3	63	19.0	69	22.3
1964	40	10.1	74	19.7	78	24.4	97	33.1
1965	71	22.6	103	32.8	102	38.5	103	42.6
1966	48	10.8	65	19.1	79	25.4	75	28.8
1967	47	13.0	79	23.9	86	29.8	98	34.8
Normal		14.7		22.3		30.8		36.8

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Teton Pass (Teton River)</u>								
1958	76	16.1	86	22.4	97	30.1	101	37.4
1959	44	12.3	76	21.6	96	29.4	102	36.9
1960	26	5.0	48	12.1	67	20.6	82	28.1
1961	47	11.8	47	14.2	70	20.0	75	25.7
1962	65	18.3	82	26.2	96	32.9	110	42.1
1963	23	5.8	33	8.5	52	16.0	65	21.3
1964	33	9.0	64	17.7	67	21.7	85	27.7
1965	70	20.6	92	28.7	100	38.6	106	39.0
1966	34	7.1	46	13.5	53	17.2	62	22.0
1967	36	11.0	78	23.2	84	29.8	89	34.2
Normal		14.0		22.4		30.1		37.4

<u>State Line (Teton River)</u>								
1958	45	7.9	54	11.6	48	14.4	46	15.8
1959	22	4.9	37	8.3	48	12.4	48	14.2
1960	15	2.0	25	5.0	38	9.9	36	12.4
1961	29	5.3	29	6.1	41	9.3	35	10.9
1962	35	8.1	40	10.4	48	14.0	48	15.5
1963	9	1.9	19	4.0	21	5.9	23	6.5
1964	21	4.0	38	9.8	41	12.2	50	16.8
1965	32	9.0	48	13.0	51	16.1	59	17.7
1966	16	3.5	25	6.4	29	7.8	33	11.1
1967	23	6.2	41	11.8	49	15.3	47	16.7
Normal		6.1		9.8		13.3		16.1

<u>East Rim (Hoback River)</u>								
1958	28	5.9	27	6.5	33	8.9	36	9.9
1959	22	5.7	31	6.9	37	10.4	36	10.3
1960	8	1.1	15	3.5	23	4.7	26	7.6
1961	15	2.7	15	2.8	21	4.0	24	6.5
1962	32	8.2	39	10.5	45	11.8	51	14.4
1963	7	1.0	27	4.8	27	5.8	26	6.7
1964	-	-	30	5.8	32	7.4	41	10.0
1965	-	-	51	12.3	49	16.6	52	17.7
1966	-	-	23	5.2	27	6.3	22	7.1
1967	-	-	32	7.8	36	9.9	41	12.7
Normal	-	-		6.4		10.0		11.9

<u>Bryan Flat (Hoback River)</u>								
1958	32	6.5	32	7.6	35	8.9	33	10.3
1959	16	3.9	26	6.0	31	8.3	27	9.4
1960	10	1.0	14	4.6	20	4.4	18	5.4
1961	-	-	18	4.3	23	5.3	21	5.9
1962	-	-	36	9.7	40	11.5	42	13.3
1963	-	-	13	2.3	7	1.9	5	1.6
1964	-	-	26	4.7	28	5.8	36	8.2
1965	-	-	35	11.5	37	13.4	38	14.0
1966	-	-	26	6.5	35	8.5	23	8.2
1967	-	-	24	6.2	29	8.6	24	9.7
Normal	-	-		7.0		9.1		11.1

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Gros Ventre (Gros Ventre River)</u>								
1958			32	6.7	-	7.2	32	8.8
1959			-	-	43	11.9	46	13.7
1960			21	5.0	-	14.0	31	9.0
1961			19	4.0	34	8.0	37	9.8
1962			43	12.0	54	15.0	57	17.1
1963			37	8.5	32	8.0	34	9.2
1964			37	8.0	34	8.0	49	17.2
1965			58	14.5	56	19.0	55	19.0
1966			25	5.5	41	10.5	37	8.6
1967			36	9.0	44	10.5	51	13.9
Normal				8.1		11.1		12.8
<u>Grover Park Divide (Salt River)</u>								
1958	26	6.0	41	8.4	45	13.0	43	14.9
1959	21	5.2	24	5.5	37	9.3	32	10.2
1960	16	2.6	25	5.1	39	10.5	35	11.3
1961	23	5.5	21	4.6	30	7.5	29	7.5
1962	30	8.1	37	10.5	43	12.9	40	15.0
1963	7	1.0	23	5.1	30	7.4	25	8.1
1964	18	3.9	30	6.7	33	9.0	42	13.1
1965	31	7.9	51	12.4	41	13.6	40	13.4
1966	22	4.1	25	5.9	30	7.8	26	8.5
1967	17	3.8	31	8.0	38	11.3	39	12.8
Normal		5.0		7.7		10.4		12.4
<u>CCC Camp FF12 (Salt River)</u>								
1958	26	6.0	37	7.9	35	10.7	37	12.4
1959	24	5.8	24	5.9	38	9.3	33	10.7
1960	15	2.6	24	5.0	38	9.3	26	9.6
1961	25	5.3	24	4.8	28	6.5	30	6.9
1962	31	7.0	36	9.3	45	11.7	40	11.5
1963	8	1.6	22	5.0	28	7.8	27	8.5
1964	20	4.0	36	8.0	38	9.6	45	13.5
1965	38	8.8	49	13.4	48	16.3	50	16.6
1966	16	3.5	28	5.4	32	8.1	28	7.6
1967			32	8.4	42	12.5	39	12.6
Normal		5.1		7.8		10.4		12.0
<u>Salt River Summit (Salt River)</u>								
1958	35	7.8	44	9.9	51	16.1	49	16.1
1959	27	6.7	30	7.4	45	11.6	42	14.3
1960	15	2.0	26	5.0	41	10.1	35	12.3
1961	31	7.3	30	6.6	38	8.7	36	10.0
1962	40	8.7	44	13.0	57	14.9	55	19.4
1963	11	2.0	29	5.6	41	10.4	38	11.8
1964	24	5.4	45	10.3	43	12.5	54	16.6
1965	50	12.4	60	16.6	60	22.1	56	19.6
1966	23	5.9	35	8.5	41	12.0	38	11.5
1967	20	4.0	41	11.2	49	16.1	54	17.6
Normal		6.5		10.2		13.3		16.0

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Greys Boundary (Greys River)</u>								
1958	36	6.9	45	10.2	41	13.5	35	12.2
1959	16	4.7	23	6.2	37	11.0	36	11.9
1960	9	1.9	24	5.0	37	9.2	27	10.5
1961	22	5.3	21	3.9	26	6.9	25	7.5
1962	30	6.8	39	9.5	42	10.9	39	13.2
1963	T	0	20	4.5	12	3.3	T	0
1964	24	4.2	39	9.8	40	11.6	51	15.1
1965	19	4.4	41	9.1	35	10.8	35	11.9
1966	14	3.3	25	4.9	32	8.1	26	7.4
1967	13	1.9	28	8.3	35	10.3	29	9.2
Normal		4.9		7.8		10.8		12.2

On April 1, 1967, the snow (water content) was the following average percent of normal: above Jackson Lake 100%, Moran to Heise 98%, Island Park 126%, Falls River 95%, Teton River 95%.

Comparable figures for run-off during the year ending September 30, 1967, as percent of normal were: Snake River at Moran 107%, Snake River near Heise 104%, Henrys Fork near Ashton 115%, Falls River near Squirrel 107%, Teton River near St. Anthony 109%.

Precipitation for November, January, April, May, June and July was above normal. For all other months it was below normal.

The following tables show forecasts of streamflow made last spring compared to observed run-off:

Forecasts by Soil Conservation Service - April 1, 1967

Station	Runoff in Acre-feet - April thru Sept.		
	Forecast	Observed*	% difference
Snake River at Moran	863,000	939,900	-8.2
Snake River near Heise	3,800,000	4,119,000	-7.8
Salt River near Etna	370,000	377,100	-1.9
Henrys Fork near Ashton	655,000	716,500	-8.6
Teton River nr. St. Anthony	370,000	441,100**	-16.1

* Corrected for storage in upstream reservoirs

** Corrected for inflow from Cross Cut Canal.

Forecasts by U. S. Weather Bureau - April 1, 1967

<u>Station</u>	<u>Runoff in acre-feet - April thru Sept.</u>		
	<u>Forecast</u>	<u>Observed*</u>	<u>% difference</u>
Snake River at Moran	821,000	939,900	-12.7
Snake River near Heise	3,810,000	4,119,000	- 7.8
Salt River near Etna	327,000	377,100	-13.3
Henrys Fork near Ashton	705,000	716,500	-16.0
Henrys Fork near Rexburg	1,430,000	1,862,000**	-23.2
Falls River nr. Squirrel	419,000	442,300	- 5.3
Teton River nr. St. Anthony	424,000	441,100**	- 3.9

* Corrected for storage in upstream reservoirs

** Corrected for diversions.

June precipitation was more than double the normal amount over the entire watershed. For this reason all forecasts were lower than amounts observed.

1967 REGULATION SCHEDULE

July	11	Cut off July 28, 1939 rights
	14	Filled part of December 22, 1915 priority
	17	Cut off January 22, 1916 rights in upper valley
	19	Filled part of March 26, 1903 priority
	21	Filled part of December 22, 1915 priority
	24	Filled June 16, 1908 priority
	26	Cut off rights later than October 11, 1900 above Blackfoot
	28	Cut off 1898 rights above Blackfoot
Aug.	2	Cut off 1897 rights above Blackfoot
	4	Cut off November 5, 1895 rights above Blackfoot
	7	Restored 1896 rights above Blackfoot
	11	Cut off 1896 rights above Blackfoot
	12	Cut off November 5, 1895 rights above Blackfoot
	14	Cut off June 1, 1895 rights
	16	Cut off March 22, 1895 rights
	17	Filled 50% February 6, 1895 priority
	23	Cut off February 6, 1895 priority
	28	Cut off all 1895 rights
	30	Cut off all 1893 rights
Sept.	5	Filled 50% June 1, 1892 rights
	11	Cut off May 1, 1892 rights
	14	Restored June 1, 1892 rights
	15	Restored all 1893 rights above Blackfoot
	19	Filled 50% August 18, 1894 priority
	20	Filled (all) August 18, 1894 priority
	25	Cut off August 18, 1894 rights
	27	Cut off June 1, 1892 rights
Oct.	2	Filled 20% February 6, 1895 rights
	3	Filled all 1895 rights
	4	Filled all 1896 rights
	5	Discontinued regulation in upper valley
	9	Discontinued all regulation.

WATER SUPPLY

Runoff in acre-feet at various gaging stations during the year ending September 30, 1967, was as follows:

<u>Station</u>	<u>1967 Runoff</u>	<u>Average runoff past years</u>	<u>Years of Record</u>	<u>1967 % of Average</u>
Snake River at Moran	1,108,000	1,039,000	64	107
Snake River near Heise	5,170,000	4,955,000	57	104
Snake River at Neeley	5,362,000	4,909,000	41	109
Falls River near Squirrel	583,600	546,300	53	107
Teton River near St. Anthony	589,200	541,200	34	109
Henrys Fork near Ashton	1,148,000	999,100	47	115
Henrys Fork near Rexburg	1,494,000	1,378,000	58	108

The runoff at Moran has been corrected for Jackson Lake holdovers; near Heise for Jackson Lake and Palisades holdovers; at Neeley for Palisades and American Falls holdovers; at Squirrel for Grassy Lake holdovers; at Ashton for Island Park and Henrys Lake holdovers; at Rexburg for Grassy Lake, Island Park and Henrys Lake holdovers; at St. Anthony for Cross Cut Canal discharge into Teton River.

Runoff was above normal for all stations.

Peak daily discharges were as follows:

Snake River at Moran	4,680 cfs on June 16
Snake River near Heise	20,300 cfs on July 1
Snake River near Blackfoot	16,700 cfs on June 16, 17
Henrys Fork near Rexburg	7,130 cfs on May 31
Teton River near St. Anthony	4,150 cfs on June 23
Blackfoot River near Blackfoot	878* cfs on May 11
Snake River at Milner	11,600 cfs on June 18

* Includes 492 cfs in Bypass channel.

No flooding occurred on any of the above streams.

Annual reservoir holdovers on September 30 during the past ten years are shown in the following tabulation:

WATER SUPPLY

Runoff in acre-feet at various gaging stations during the year ending September 30, 1967, was as follows:

<u>Station</u>	<u>1967 Runoff</u>	<u>Average runoff past years</u>	<u>Years of Record</u>	<u>1967 % of Average</u>
Snake River at Moran	1,108,000	1,039,000	64	107
Snake River near Heise	5,170,000	4,955,000	57	104
Snake River at Neeley	5,362,000	4,909,000	41	109
Falls River near Squirrel	583,600	546,300	53	107
Teton River near St. Anthony	589,200	541,200	34	109
Henrys Fork near Ashton	1,148,000	999,100	47	115
Henrys Fork near Rexburg	1,494,000	1,378,000	58	108

The runoff at Moran has been corrected for Jackson Lake holdovers; near Heise for Jackson Lake and Palisades holdovers; at Neeley for Palisades and American Falls holdovers; at Squirrel for Grassy Lake holdovers; at Ashton for Island Park and Henrys Lake holdovers; at Rexburg for Grassy Lake, Island Park and Henrys Lake holdovers; at St. Anthony for Cross Cut Canal discharge into Teton River.

Runoff was above normal for all stations.

Peak daily discharges were as follows:

Snake River at Moran	4,680 cfs on June 16
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Teton River near St. Anthony	4,150 cfs on June 23
Blackfoot River near Blackfoot	878* cfs on May 11
Snake River at Milner	11,600 cfs on June 18

* Includes 492 cfs in Bypass channel.

No flooding occurred on any of the above streams.

Annual reservoir holdovers on September 30 during the past ten years are shown in the following tabulation:

Holdovers on September 30 in thousands of acre-feet

<u>Year</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>American Falls</u>	<u>Lake Walcott</u>	<u>Henrys Lake</u>	<u>Island Park</u>	<u>Grassy Lake</u>	<u>Total</u>
1958	497.3	535	256	21.3	54.7	17.2	9.3	1,390.8
1959	551.3	449	90	95.2	63.1	19.8	6.4	1,274.8
1960	375.0	42	14	32.8	45.5	12.8	4.5	526.6
1961	3.3	294	101	57.2	38.8	13.6	5.6	513.5
1962	525.4	770	265	92.5	67.5	65.0	11.3	1,796.7
1963	611.9	696	353	87.0	64.1	33.5	6.3	1,851.8
1964	588.4	849	475	89.8	62.8	68.7	10.4	2,144.1
1965	631.6	1,161	1,023	95.3	70.4	102.8	11.3	3,095.4
1966	516.8	271	9	49.7	56.3	5.5	6.6	914.9
1967	558.8	828	494	95.8	75.6	80.8	9.6	2,142.6
Av.	486.0	590	308	71.7	59.9	42.0	8.2	1,565.1

Palisades figures are after deducting 200,000 acre-feet dead storage. The usable capacity of the above reservoirs is 4,082,000 acre-feet. The 1967 holdover is the greatest since 1965.

CHANGES IN POINT OF DIVERSION

Transfer of Water Right No. 1080, in the name of Morrell Hampton, changes the place of use of 4.8 cfs of February 1, 1890 priority. This is a part of the Smith-Maxwell decree formerly diverted through the Reservation Canal. The new point of diversion is from the Blackfoot River upstream from the Reservation Canal. A 20% canal loss is to be charged leaving 3.84 cfs available for diversion. The 4.8 cfs will continue to be diverted by the Reservation Canal and used by the Fort Hall project in exchange for the 3.84 cfs of Blackfoot River water used by Hampton.

LITIGATION

Suits were commenced in 1967 in the District Courts in Idaho Falls and Twin Falls to grant April 1, 1939, floodwater decrees to various canals. Provisions for these proposed decrees were made a part of the Palisades contracts. The Idaho State Reclamation Engineer has intervened in these suits raising the question of such high diversions being considered a beneficial use.

COMMUNITY LATERAL MANAGERS

None.

CANAL DELIVERIES

Daily diversions from Snake River by canals above American Falls reservoir during the 1967 irrigation season are shown on Plates 6-10, 53, 54. Daily diversions for canals below American Falls are shown on Plates 58-70. Miscellaneous measurements of various canals and streams in the headwater areas are shown on Plate 24.

Total canal diversions during the 1967 irrigation season by all canals in the district, including headwater areas, as tabulated in the annual watermaster bill, amounted to 8,196,000 acre-feet. This is almost as high as the 1962 and 1966 years which were the greatest of record.

Diversions during 1967 irrigation season by Snake River Canals (downstream order from Heise)

(May thru September for upper valley canals; April 15 to Sept. 30
for lower valley canals)

Canal	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Riley	5,200	900	5.8
Progressive Irr. Dist.	234,600 (a)	33,000	7.1
Farmers Friend	102,700	10,500	9.8
Enterprise Canal	44,020 (b)	5,200	8.5
Nelson	110	55	2.0
Mattson Craig & Arnsberger	3,140	485	6.5
Ross & Rand	620	145	4.3
Butler Island	13,450	1,100	12.2
Steele	2,220	220	10.1
Harrison	145,900	13,000	11.2
Cheney	1,950	103	19.0
Rudy Irr. Co.	65,600	5,000	13.1
Kite & Nord	1,850	210	8.8
Burgess	253,700	22,000	11.5
Clark & Edwards	20,730	1,940	10.7
Lowder	13,090	1,000	13.1
East Labelle	33,380	3,000	11.1
Sunnydell	38,260	3,780	10.1

Diversions by Snake River canals, 1967 - continued

Canal	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Lenroot	40,200	3,100	13.0
Reid	51,690	5,500	9.4
Texas Feeder	89,730	10,000	9.0
Nelson Corey	1,780	270	6.6
Hill Pettinger	1,080	200	5.4
Rigby	50,260	4,000	12.6
Dilts	7,310	580	12.6
Island	45,760	5,500	8.3
W. Labelle & Long Island	137,400	10,500	13.1
Parks & Lewisville	88,050	7,000	12.6
North Rigby	14,760	1,400	10.5
White	580	110	5.3
Ellis	660	70	9.4
Bramwell	2,760	470	5.9
Butte & Market Lake	73,040	20,000	3.7
Osgood	10,090 (c)	6,210 (c)	1.6
Bear Island & Smith	1,120	330	4.3
Idaho	263,000 (a)	35,850	7.3
Kennedy	9,860	2,700	3.4
Great Western & Porter	206,600	30,220 (d)	6.8
Kellar	0	0	0
Woodville	24,150	2,350	10.3
Snake River Valley	179,500 (a)	20,790	8.7
Reservation	112,000 (e)	54,773	2.0
Blackfoot	92,120	15,000	6.1
New Lava Side	39,950	6,000	6.7
Peoples	122,200	20,000	6.1
Aberdeen	339,900	63,000 (j)	5.4
Corbett	51,250	6,000	8.6
Nielsen-Hansen	3,190	460	6.9
Riverside	32,430	5,000	6.5
Danskin	55,780	6,000	9.3
Trego	18,080	1,620	11.2
Wearyrick	18,280	1,600	11.4
Watson	30,580	3,000	10.2
Parsons	12,340	930	13.3
Fort Hall Michaud Canal	23,370 (f)	8,693 (f)	2.7
Falls Irrig. Dist.	20,900 (g)	6,721 (g)	3.1
Minidoka Irr. Dist.	495,400	72,000	6.9
Burley Irr. Dist.	266,500	48,000	5.6
A&B Irrigation Dist.	49,460	14,520	3.4
Twin Falls Canal Co.	1,120,000	202,700	5.5
North Side Canal Co.	1,168,000	160,000 (h)	7.3
Milner Low Lift	62,430	13,470 (i)	4.6
Gooding	470,900	63,700	7.4
Total	6,884,960	1,041,975	6.8

(a) Received additional water from Willow and Sand Creeks

(b) Used additional water from Willow Creek early in season.

(c) Water pumped from wells for about 600 acres of this land.

- (d) Includes 7,680 acres outside New Sweden District to which water was delivered.
- (e) Received additional water from Sand Creek & Blackfoot R.
- (f) An additional 2,290 acre-feet was pumped from wells for irrigation of another 1,343 acres.
- (g) Acreage includes 653 acres of non-project land supplied from canal. An additional 198 acres supplied from wells by private users and 3,658 acres of project land were irrigated by pumping 7,252 acre-feet from wells.
- (h) Includes about 12,000 acres delivered to Pumping Company not previously reported.
- (i) Also delivered water to 645 acres outside the district.

These main river canals diverted about 2.3% less water than in 1966. Total diversions were among the highest of record.

Of the 3,632,000 acre-feet diverted by lower valley canals (below Neeley), 1,314,000 acre-feet or 36% was stored water. Upper valley main canals diverted 3,252,000 acre-feet, of which 463,000 acre-feet or 14% 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

<u>Year</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1958	509	733	811	597	435	3,085
1959	580	788	814	690	519	3,391
1960	592	791	825	615	487	3,310
1961	584	746	711	521	292	2,854
1962	530	749	837	703	557	3,376
1963	303	553	907	668	476	2,907
1964	277	560	869	717	556	2,979
1965	389	721	806	661	468	3,045
1966	623	783	810	642	485	3,343
1967	384	620	822	742	640	3,208
Average	477	704	821	656	492	3,150

Henry's Fork and Tributaries
(excluding headwater areas)

<u>Year</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1958	209	247	231	177	114	978
1959	223	270	233	190	130	1,046
1960	216	261	221	178	132	1,008
1961	170	247	174	138	75	804
1962	235	261	221	196	140	1,053
1963	174	207	250	189	115	935
1964	163	212	256	203	144	978
1965	188	249	248	197	124	1,006
1966	225	240	215	169	117	966
1967	190	243	234	204	149	1,020
Average	199	244	228	184	124	979

Figures are after deduction for water spilled from Cross
Cut Canal into Teton River.

Minidoka Project

<u>Year</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1958	22	174	149	181	167	96	789
1959	74	119	166	183	159	85	786
1960	46	162	165	188	157	109	827
1961	21	169	156	175	134	28	683
1962	30	122	140	189	163	111	755
1963	18	116	114	191	160	89	688
1964	5	133	97	200	178	112	725
1965	27	136	158	187	139	111	758
1966	76	172	150	191	155	86	830
1967	27	124	124	201	176	115	767
Average	35	143	142	189	159	94	761

North Side Canal Co. Project

1958	61	208	214	243	230	168	1,124
1959	106	181	201	234	223	142	1,087
1960	76	194	206	240	226	170	1,112
1961	84	185	147	196	159	60	831
1962	70	190	202	247	236	191	1,136
1963	71	183	193	246	230	168	1,091
1964	42	186	201	247	244	192	1,112
1965	86	195	209	237	224	166	1,117
1966	109	217	212	243	229	172	1,182
1967	104	198	202	254	242	202	1,202
Average	81	194	199	239	224	163	1,099

Twin Falls Project

<u>Year</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1958	85	209	196	225	215	144	1,074
1959	118	185	190	222	213	128	1,056
1960	95	207	201	227	215	160	1,105
1961	108	194	190	228	204	110	1,034
1962	98	196	191	232	223	181	1,121
1963	76	193	186	238	220	162	1,075
1964	41	197	185	239	233	178	1,073
1965	98	209	203	232	219	159	1,120
1966	140	220	190	226	219	164	1,159
1967	101	201	191	237	234	186	1,150
Average	96	201	192	231	220	157	1,097

Gooding Project

1958	23	78	91	99	94	76	461
1959	27	78	82	93	85	68	433
1960	21	89	91	99	89	63	452
1961	16	82	77	84	79	18	356
1962	22	83	87	102	99	85	478
1963	15	75	82	101	94	81	448
1964	2	76	90	102	97	79	446
1965	16	75	82	95	85	71	424
1966	27	88	88	94	82	67	446
1967	21	84	85	102	98	80	470
Average	19	81	86	97	90	69	441

Most diversions were among the highest of record. They were generally below average for May and June but remained much above average for August and September.

Ground water, both east and west of Rigby, again reached high levels in August and September.

RIVER DATA

The usual methods of segregating stored water and normal flow at the reservoir outlets was continued in use during 1967. Palisades reservoir was operated on the same basis as Jackson Lake, namely, convert the daily drop in Lake level to second-feet and call it storage released from Palisades. For some time after storage draft started a lag of several days was maintained in making normal flow cuts to avoid any possible natural flow losses at the high lake

levels existing at Palisades and Jackson Lake. Later on in the season when dropping lake and river levels resulted in bank storage return this water was gradually recovered for credit as stored water so that it balanced out by the end of the irrigation season.

Daily figures showing segregation of flow at the various river gaging stations and storage diversions by canals are shown on Plates 12 and 13 for Snake River and Plate 21 for Henrys Fork.

Storage use started in the lower valley on July 12 and continued through October 8. There were no unusual conditions to complicate the computations of reservoir allotments or distribution of stored water.

Total storage passing the Blackfoot station during the season amounted to 149,000 acre-feet.

Blackfoot River Reservoir holdover on September 30 was 216,800 acre-feet. The Indian Service 1891 decree was not cut off in 1967.

A number of canals were bothered with moss growth during the 1967 season. The Snake River Valley canal reported good results in removal of moss with new type mechanical equipment. The Aberdeen Canal reported an overall loss of 37.2% compared to 37.9% in 1966.

STORED WATER DELIVERIES

Reservoir Allotments

All reservoirs filled and allotments were made as follows:

American Falls	1,700,000 acre-feet
Jackson Lake	847,000 acre-feet
Palisades	1,200,000 acre-feet

1967 Storage Allotments in Acre-feet
(Downstream order from Heise)

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Poplar Irrigation Dist.	673	1,589	1,500	3,812
Progressive Irr. Dist.	12,485	7,209	28,500	48,194
Farmers Friend		2,000	9,400	11,400
Enterprise Canal Co.	8,923	11,252	19,600	39,775
Mattson Craig			1,440	1,440
Butler Island			250	250
Harrison	12,025	11,943	23,500	47,468
Rudy	2,649	3,530	15,700	21,879
Burgess	9,496	10,603	31,400	51,499
Clark & Edwards			800	800
Lowder		1,040	1,600	2,640
East Labelle			800	800
Sunnydell		4,000	6,300	10,300
Lenroot	3,868	5,234	7,850	16,952
Reid	2,549	1,472	3,150	7,171
Texas & Liberty Park			4,700	4,700
Enterprise Irr. Dist. (N.F.)	10,188	5,883		16,071
Fremont-Madison Dist. (N.F.)			1,000	1,000
Rigby			6,300	6,300
Island			4,700	4,700
Dilts	886	511	1,200	2,597
West Labelle			1,000	1,000
Long Island			5,000	5,000
Parks & Lewisville			5,500	5,500
North Rigby			1,200	1,200
Butte & Market Lake	4,666	2,695	44,000	51,361
Osgood (U.I.S.Co.)	13,459	7,771	15,250	36,480
Bear Island	191	110		301
Sakaguchi (Smith & Kennedy)	71	41		112
Clement Bros. (Kennedy)		155		155
Owners Mutual		200	290	490
Shattuck Irrigation			3,900	3,900
Idaho	22,911	13,230	58,800	94,941
Martin	2,006	2,659	5,600	10,265
New Sweden Irr. Dist.	25,731	19,857	31,400	76,988
West Side Mutual			2,350	2,350
Woodville	6,047	3,491	6,000	15,538
Snake River Valley	26,367	30,225	35,300	91,892
Palisades Waterusers			50,230	50,230
Blackfoot	12,763	7,370	4,050	24,183
New Lava Side			11,750	11,750
Peoples	21,415	20,365	35,000	76,780
Aberdeen	55,591	74,626	152,800	283,017
Corbett	3,396	1,961	6,300	11,657
Riverside			1,500	1,500
Danskin			2,350	2,350
Trego	1,314	758	3,200	5,272

1967 Storage Allotments - continued

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Wearyrick			600	600
Watson			2,350	2,350
Parsons			700	700
Total above Blackfoot	259,670	251,780	656,160	1,167,610
Fort Hall Michaud	47,700		83,900	131,600
Falls Irrig. Dist.	23,300		40,900	64,200
Minidoka Irrig. Dist.	83,563	186,030	35,000	304,593
Burley Irrig. Dist.	157,942		39,200	197,142
A&B Irrig. Dist.	47,593		90,800	138,393
Milner Low Lift	45,687		44,500	90,187
Twin Falls Canal Co.	151,185	97,183		248,368
Hillsdale	41,146			41,146
North Side Canal Co.	397,214	312,007	116,600	825,821
Gooding	400,000		1,000	401,000
Idaho Power Co.	45,000			45,000
City of Pocatello			50,000	50,000
Westvaco			5,000	5,000
J. R. Simplot			2,500	2,500
*U. S.			34,440	34,440
Total below Blackfoot	1,440,330	595,220	543,840	2,579,390
Grand Total	1,700,000	847,000	1,200,000	3,747,000

* Wyoming 33,000 a.f.; contingencies 1,440 a.f.

The large holdovers at the end of the season indicate that much water will be spilled prior to the 1968 irrigation season. For this reason, no computations were made of individual holdovers.

The storage rental committee consisting of E. H. Neal, Leonard Graham, and H. C. Eagle supervised water rentals.

Summary of Water District No. 36 Rentals - 1967

<u>Supply</u>		<u>Use</u>	
U. S. Indian Service	3,140 a.f.	Swan Valley	176 a.f.
Falls Irrigation Dist.	1,046	Heise to Shelley	1,610
Paul Traughber	400	Reservation Canal	750
M. J. Danielsen	80	Milner Low Lift	1,360
		Other	770
	4,666 a.f.		4,666 a.f.

All rentals were at the rate of 50¢ per acre-foot.

The Fremont-Madison Irrigation District rented an additional 1,700 acre-feet to users in the Henrys Fork area.

Supply and Disposal of stored water, 1967
(acre-feet)

Supply

Jackson Lake Contents	July 11	848,000
Palisades (usable)	July 11	1,202,000
American Falls	July 11	1,695,000
Lake Walcott	July 11	94,020
Henrys Lake	July 15	85,300
Island Park	July 16	135,530
Grassy Lake	July 26	15,010
Indian and Bergman Res. yield		683
Sheridan Creek right		1,904*
Gain Neeley to Milner		36,268*
Total		4,113,715

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

Disposal

Used by Snake River rights		1,828,762
Used by Henrys Fork rights		110,065
Storage transmission loss, Snake River		52,348
Storage transmission loss, Henrys Fork		1,876
Storage transmission loss, Cross Cut		2,830
River operation storage waste past Milner		2,753
American Falls loss		1,000
Henrys Lake loss		1,557
Holdovers: Jackson	Oct. 4	559,550
Palisades (usable)	Oct. 4	811,000
American Falls	Oct. 7	474,000
Lake Walcott	Oct. 7	98,080
Henrys Lake	Oct. 3	75,200
Island Park	Oct. 4	81,900
Grassy Lake	Sept. 15	9,580
Total		4,110,501

There is a difference of 3,214 acre-feet with more water accounted for than that shown in the supply. To this gain can be added the storage chargeable to the Simplot and Westvaco pumping.

Michaud Project use of stored water

The annual reports since 1958 have contained a detailed analysis of the water used on the Michaud Project by the Falls Irrigation District. Tabulated below is a summary of this data for the past five years.

Area No. 1 (Tributary to American Falls)
(figures in acre-feet)

Year	(from Wells)			(From Am.Falls Res.)			Excess	Contr. to Gr.Water
	Acres	Pumped	Consumed	Acres	Del'd	Consumed		
1963	2,774	4,051	5,000	4,455	13,900	8,020	5,880	880
1964	2,774	5,439	5,000	4,455	15,040	8,020	7,020	2,020
1965	2,774	4,550	5,000	4,455	16,830	8,020	8,810	3,810
1966	*2,984	6,072	5,370	**4,909	18,228	8,840	10,090	4,018
1967	*2,972	5,382	5,350	**4,915	15,841	8,490	7,351	2,001

* Project land 2,774

**Project land 4,455

Area No. 2 (Tributary below American Falls)

Year	(from Wells)			(From Am. Falls Res.)			Excess	Contr. to Gr. Water
	Acres	Pumped	Consumed	Acres	Del'd	Consumed		
1963	884	2,071	1,600	1,613	4,956	2,900	2,056	456
1964	884	2,123	1,600	1,613	5,284	2,900	2,384	784
1965	884	1,818	1,600	1,613	5,829	2,900	2,929	1,329
1966	884	3,064	1,600	*1,794	6,292	3,230	4,526	1,462
1967	884	1,870	1,600	*1,806	5,903	3,250	2,653	1,053

* Project land 1,613

The above data is computed assuming a consumptive use of 1.8 acre-feet per acre. Deliveries to East Branch Canal are reduced by 4% for estimated canal loss in the 1½ miles which is non-tributary to American Falls Reservoir. No account is taken of this 4% loss in the contribution to ground water in Area 2.

In the tabulations in this report the Falls Irrigation District was charged only with the water pumped from American Falls Reservoir.

GROUNDWATER PUMPING

An additional credit to American Falls reservoir is water now pumped from wells by the City of Pocatello, Westvaco Company, J. R. Simplot, and Fort Hall Michaud Project. Palisades contracts for Westvaco and Simplot provide that storage charges be made on one-half of water pumped. The City of Pocatello (including Alameda) is permitted to pump 10,000 acre-feet each season before there is any charge. In the case of the Fort Hall Michaud Project 22,400 acre-feet of pumping from wells is permitted before there is a charge against their reservoir storage.

Tabulated below is a summary of above pumping for the period July 1 to September 30 (figures in acre-feet):

<u>Canal</u>	<u>Pumped</u>
Fort Hall Michaud Project (wells)	1,536
City of Pocatello	4,770
J. R. Simplot Co.*	2,700
Westvaco Co.	<u>1,450</u>
Total	10,456

*Reported 2,700 acre-feet pumped and 10% of this used consumptively.

Water was being spilled past Milner during the winter of 1967 in excess of the Minidoka Power right. Any adverse effect on American Falls by the above pumping would result in lesser amounts of water available for the winter spill.

RIVER LOSSES AND GAINS

Gains and losses between river stations for the months May through September (using time intervals shown on Plate 13) are shown in the following tabulations:

Gain in Snake River, Moran to Alpine gaging station, 1967 (Alpine dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Moran	69,230	86,250	104,840	108,140	57,000	425,460
Snake - Alpine	243,070	442,700	334,560	185,080	110,370	1,315,780
Total gain cfs	173,840	356,450	229,720	76,940	53,370	890,320
Mean gain cfs	5,608	11,880	7,410	2,482	1,779	5,819
Total gain a.f.	344,800	707,000	455,600	152,600	105,900	1,765,900

The mean gain is much greater than in 1966 and considerably less than that in the high runoff year of 1965.

Gain in Snake River, Alpine gaging station to State Line, 1967 (24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Greys River	52,648	78,890	40,050	16,638	11,864	200,090
Salt River	42,037	49,710	36,126	20,570	21,729	170,172
Total gain cfs	94,685	128,600	76,176	37,208	33,593	370,262
Mean gain cfs	3,054	4,287	2,457	1,200	1,120	2,420
Total gain a.f.	187,800	255,100	151,100	73,800	66,630	734,430

All gains are greater than last year and less than in 1965.

Gain in Snake River, State Line to Heise, 1967

Station	May	June	July	Aug.	Sept.	Total
Palisades release	-46,380	-182,510	-2,520	81,170	89,740	-60,500
Total supply*	291,375	388,790	408,216	303,428	233,703	1,625,512
Heise	358,520	478,400	450,300	324,650	254,870	1,866,740
Riley	333	566	590	688	443	2,620
Total acct for	358,853	478,966	450,890	325,338	255,313	1,869,360
Total gain cfs	67,478	90,176	42,674	21,910	21,610	243,848
Mean gain cfs	2,177	3,006	1,377	707	720	1,594
Total gain a.f.	133,840	178,860	84,640	43,460	42,860	483,660

*Sum of Snake near Alpine, Greys and Salt Rivers plus Palisades release.

The June and July gains are much greater than in 1965, probably owing to the heavy June and July precipitation. August and September

gains are below those in 1965. The precipitation at Palisades for these two months was much below normal.

Gain in Snake River, Heise to Shelley, 1967
(Heise dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Rexburg	94,614	159,140	86,868	42,610	34,260	417,492
Total Supply**	453,467	638,106	537,758	367,948	289,573	2,286,852
Diversions	125,885	229,650	295,200	267,410	231,270	1,149,415
Shelley	324,510	458,500	304,330	155,530	106,080	1,348,950
Total acct for	450,395	688,150	599,530	422,940	337,350	2,498,365
Total gain cfs	-3,072	50,044	61,772	54,992	47,777	211,513
Mean gain cfs	-99	1,668	1,993	1,774	1,593	1,382
Total gain a.f.	-6,090	99,260	122,500	109,100	94,760	419,530

**Rexburg plus Heise and Riley from previous table.

The loss in May is not unusual. This occurs while the river is high and before ground water has been built up by canal waste. The average gain of 1,382 is the greatest since 1955. This gain includes inflow from Market Lake Springs which is credited to Owners Mutual Canal Co.

Gain or loss in Snake River, Shelley to Blackfoot, 1967
(Shelley dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Shelley	320,510	453,000	313,130	156,590	106,960	1,350,190
Blackfoot River	8,313	6,389	2,009	2,700	2,180	21,591
Total Supply	328,823	459,389	315,139	159,290	109,140	1,371,781
Diversions	67,523	83,060	119,180	106,630	91,500	467,893
Blackfoot	251,600	369,370	197,220	64,220	29,090	911,500
Total acct for	319,123	452,430	316,400	170,850	120,590	1,379,393
Total diff cfs	-9,700	-6,959	1,261	11,560	11,450	7,612
Mean diff cfs	-313	-2,320	41	373	382	498
Total diff a.f.	-19,240	-13,800	2,500	22,930	22,710	15,100

The pattern is the same as for other years of high runoff such as 1943 and 1956. There is a substantial loss during May and June when the river is high and there is little return flow from canals. There are large gains later in the season when spills from canals are high. The average gain appears to be the highest of record. It includes the 180 cfs inflow that enters above the Blackfoot gage.

Gain or loss in Snake River, Blackfoot to Neeley, 1967
(Neeley dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Blackfoot	250,500	361,790	207,720	64,720	29,352	914,082
Inflow*	94,754	90,939	81,320	80,997	82,159	430,169
Res. draft	-504	-48,400	166,880	252,080	185,500	555,556
Total supply	344,750	404,329	455,920	397,797	297,011	1,899,807
Diversions	3,030	5,970	6,940	5,320	2,610	23,870
Neeley	331,340	403,710	439,600	399,730	296,280	1,870,660
Total use	344,370	409,680	446,540	405,050	298,890	1,894,530
Total diff cfs	-10,020	5,351	-9,380	7,253	1,879	-4,917
Mean diff cfs	-323	178	-303	234	63	-32
Total diff a.f.	-19,870	10,610	-18,600	14,390	3,730	-9,740

The average loss of 32 cfs is much less than usual. Heavy precipitation in June probably produced substantial unmeasured inflow between Blackfoot and Neeley. The gain in August is unusual. It is partly caused by return flow from bank storage with the rapid draw-down in American Falls reservoir. A loss of 1,000 acre-feet for the period of storage deliveries was used in computing the disposal of stored water.

* A tabulation of inflow data is shown on Plate 11. Nine sets of measurements were obtained during the period and figures interpolated between measurements. Portneuf River inflow was depleted by pumping for Indian Service Michaud Canal. Amount pumped each day is shown at bottom of Plate 11. Monthly totals in above table are actual inflow. Inflow figures shown on Plates 12 and 13 are theoretical inflow computed by adding pump diversion figures to actual inflow. These are shown on last line of Plate 11. The above computations fulfill requirements of Section 8 (b) of Fort Hall Michaud Division - Palisades contract. Daily figures of waste from the Aberdeen Project were furnished by Mr. Jake Isaak, Manager. Unmeasured inflow as computed from the "Newell" formula varied from 1,280 to 1,320 cfs.

The following measurements of the flow of Ruegar Springs were obtained:

<u>Date</u>	<u>Discharge in cfs</u>
May 6, 1967	24.5
June 13	22.5
June 26	21.9
July 21	21.8
Aug. 8	23.3
Aug. 23	19.9
Sept. 13	18.0
Sept. 23	21.7

Gain or Loss in Snake River, Neeley to Minidoka, 1967
(Minidoka dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Neeley	329,220	402,540	440,670	400,030	297,640	1,870,100
Walcott release	-1,820	-950	660	-1,500	910	-2,700
Total supply	327,400	401,590	441,330	398,530	298,550	1,867,400
No. Minidoka	40,113	33,273	56,060	47,940	30,898	208,284
So. Minidoka	22,186	29,305	45,270	40,760	26,997	164,518
Minidoka	262,650	332,520	328,060	297,210	244,290	1,464,730
Total acct for	324,949	395,098	429,390	385,910	302,185	1,837,532
Total diff cfs	-2,451	-6,492	-11,940	-12,620	3,635	-29,868
Mean diff cfs	-79	-216	-385	-407	121	-195
Total diff a.f.	-4,860	-12,880	-23,680	-25,030	7,210	-59,240

The average loss of 195 cfs compares to a loss of 70 cfs in 1966 and a gain of 45 in 1965.

Gain in Snake River, Minidoka to Milner, 1967
(Milner dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Minidoka	261,200	330,400	329,940	297,320	245,470	1,464,330
Min. N.S.Pump	3,231	4,233	7,537	6,350	3,240	24,591
P. A.	1,652	1,912	2,327	2,271	1,496	9,658
Milner Low Lift	5,397	5,034	8,326	7,438	4,785	30,980
Gooding	70,290	70,700	83,440	79,170	66,980	370,580
North Side	70,450	71,990	93,990	90,270	73,820	400,520
Twin Falls	101,420	96,220	119,370	118,030	93,860	528,900
Lake Milner Stored	980	-70	510	-260	-390	770
Milner	16,756	97,926	28,735	7,663	7,851	158,931
Total acct for	270,176	347,945	344,235	310,932	251,642	1,524,930
Total gain cfs	8,976	17,545	14,295	13,612	6,172	60,600
Mean gain cfs	290	585	453	439	206	396
Total gain a.f.	17,800	34,800	28,350	27,000	12,240	120,190

The average gain of 396 cfs compares with 434 in 1966 and 468 in 1965.

The total gain from Neeley to Milner for period May through September was 60,950 acre-feet. For the period July 11 through October 7 this gain was about 40,000 acre-feet. The Minidoka Project was credited with 36,270 acre-feet of gain which occurred during period July 11 to October 3.

DISTRIBUTION ON HENRYS FORK

Mr. L. C. Anderson served as Deputy Watermaster at St. Anthony in charge of water distribution on Henrys Fork, Falls River and lower Teton River. He was assisted by S. B. Garrett on Henrys Fork and Falls River and O. P. Mortensen on Teton River.

The water supply from Squirrel Creek was sufficient so that the Squirrel Creek Canal users did not pump water from Conant Creek. Diversions were regulated so that shortages were experienced for only a few days.

Holdovers in Henrys Fork reservoirs at the end of the season were about 87% of capacity.

Releases from Henrys Lake were continued until October 16. Those from Grassy Lake were cut off on August 31, and from Island Park Reservoir on September 14.

The usual methods described in previous reports of segregating stored water and normal flow at the outlets of Henrys Lake and Island Park reservoirs were continued in 1967. During the period July 16-31 stored water was charged a daily loss of 30 cfs. During period August 16-31 stored releases were credited with a like amount. This adjustment has been used in past years and presumably corrects the observed normal flow to pre-reservoir conditions. When Island Park Reservoir is full there is a loss to ground water which is later recovered when the reservoir level drops. By making the above adjustment, normal flow is more nearly distributed to the rights that would be in effect if Island Park reservoir were not in the river system.

1967 REGULATION SCHEDULE

Both the Henrys Fork and Teton River remained on the same regulation schedule as the main Snake River.

Figures showing the operation of the Cross Cut Canal in 1967 are shown on Plate 23A. It delivered 29,280 acre-feet to the Fall River Canal and 17,150 acre-feet to Teton River. This delivery was mostly as a matter of convenience and more water was being spilled back to the Henrys Fork than was being delivered to the Teton River throughout the season. The percentage loss for the season was 14.2%. This percentage is high because of the small flow in the Cross Cut. No account was taken of the Cross Cut loss in making storage allotments to Teton Canals.

Mr. A. L. Larson made two trips to the Island Park area during the season to regulate and measure. The following miscellaneous measurements were made while regulating water in this area:

July 26, 1967

Sheridan Creek into reservoir (past Green Canyon road)	3	cfs
Railroad ranch diversion	8	
Willow Creek at highway 22	2	
Icehouse Creek at highway 22	18	
Hotel Creek at highway 22	18	
Sheep Creek at Highway 22	3	
Sheridan Creek at highway 22 - Gage 0.91	11.5	
Sheridan Creek at Forest road	42.8	
Meyer Creek	5	
Snider Creek	3	
Willow Creek at Forest road	8	
Icehouse Creek at Forest road	7	
Grubb Diversion	2	

August 14

Howard Creek at highway	8.0	cfs
Targhee Creek at highway	25	
Duck Creek at highway	12	
Rock Creek at road	0.5	
Moedl diversion from Rock Creek	2.0	

Occasional measurements of Big Springs near Island Park were tabulated on page 33 of the 1965 report. Recent measurements are tabulated below:

<u>Date</u>	<u>Discharge in cfs</u>
September 14, 1964	184
August 5, 1965	202
November 8, 1965	194
September 15, 1967	183

CANAL DELIVERIES IN HENRYS FORK BASIN

Diversions during the 1967 irrigation season, May to September, from Falls River, Henrys Fork and Lower Teton River

<u>Canal</u>	<u>Diversions (acre-feet)</u>	<u>Area Irrigated (acres)</u>	<u>Acre-feet per acre</u>
<u>Falls River Canals</u>			
Yellowstone	1,910	2,100	0.9
Marysville	31,240	15,000	2.1
Farmers Own	16,430	4,800	3.4
Almy	240	130	1.8
Enterprise	30,730	5,890	5.2
Bell	1,040	110	9.5
Fall River	87,590 (a)	9,000	9.7
McBee	510	125	4.1
Chester	15,740	1,400	11.2
Silkey	5,980	1,080	5.5
Curr	12,300	1,300	9.5
Total Falls River	203,710	40,485	5.0

(a) Includes 29,280 diverted through Cross Cut.

<u>Henrys Fork canals</u>			
Dewey	6,690	1,200	5.6
Last Chance	25,310	1,860	13.6
St. Anthony Union	133,100	9,700	13.7
Farmers Friend	30,490	3,025	10.1
Twin Groves	32,880	2,500	13.1
Salem Union	53,980	5,500	9.8
Egin	78,970	7,000	11.3
St. Anthony U. Feeder	17,890	2,300	7.8
Independent	81,960	6,000	13.6
Consolidated Farmers	56,510	6,000	9.4
Total Henrys Fork	517,660	45,085	11.5

Diversions during 1967 irrigation season - continued

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
<u>Lower Teton Canals</u>			
Siddoway	3,170	500	6.3
Wilford	32,580	2,300	14.1
Teton Irrigation	26,150	2,000	13.1
Good Luck	3,780	330	11.4
Pioneer	3,400	300	11.3
Stewart	6,180	478	12.9
Pincock-Byington	5,080	260	19.5
Pincock-Garner	5,200	480	10.8
Teton Island Feeder	106,600	10,400	10.1
Roxana	4,490	880	5.1
Island Ward	8,110	3,300	2.5
North Salem	1,640 (b)	450	3.6
Bigler Slough	540	160	3.4
Woodmansee-Johnson	11,110 (c)	1,320	8.4
City of Rexburg	4,990	950	5.3
Rexburg Irrigation	66,550	5,280	12.6
McCormick-Rowe	1,850	160	11.5
Saurey Sommers	4,220	275	15.4
Gardner	0	200	0
Eames Thompson	110	70	1.6
Total Lower Teton	295,750	30,093	9.8

Total Falls River,
Henrys Fork and
Lower Teton

1,017,120 116,113 8.8

(b) Used additional water from Henrys Fork thru Salem Union

(c) Used additional water from Moody Creek and Teton Irrigation
Canal waste.

The diversions in this area were a little greater than in 1966.

Of the total diversions of 1,017,120 acre-feet, 98,594 acre-
feet or 9.7% was stored water.

Diversions by some of the principal canals in the headwater areas for the 1967 irrigation season (May 15 to September 30) are shown below:

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
String Canal	14,200	2,300	6.2
Trail Creek Irr. Co.	37,600	5,220	7.2
Fox Creek Canals	12,300	3,760	3.3
Darby Creek Canals	17,300	4,800	3.6
Grand Teton Canal	35,500	7,000	5.1
Canyon Creek Canal	4,380	2,200	1.9
Conant Creek Canal	3,470	1,040	2.4
*Squirrel Creek Canal	1,300	540	1.2
Boom Creek Canal	850	130	6.5

*No water pumped from Conant Creek.

Diversions were much greater than in 1966.

STORED WATER DELIVERIES ON HENRYS FORK

Water available for Fremont-Madison allotments was as follows:

Island Park Reservoir	(July 16)	135,530 a.f.
Grassy Lake Reservoir	(July 26)	15,010
Sheridan Creek right		<u>1,904</u>
Total		152,444 a.f.

The District allotted 132,633 acre-feet for the 1967 season.

In addition 1,700 acre-feet was rented to Henrys Fork users.

Henrys Lake Allotments, 1967

In 1967 the North Fork Reservoir Company completed repairs on the Henrys Lake dam. This involved a new spillway, placing of an earth-fill dam below and supporting the old concrete dam and raising the dam one foot. This increases the usable contents of the reservoir to 85,760 acre-feet. The reservoir contents on July 10 was 85,500 acre-feet. From this a figure of 3,000 acre-feet was deducted for dead storage and loss.

<u>Allotted</u>		
<u>Canal</u>	<u>Percent</u>	<u>Allotment acre-feet</u>
Independent	26.90	22,193
Salem Union	24.21	19,973
Consolidated Farmers	20.17	16,640
Last Chance	13.85	11,426
St. Anthony Union	6.72	5,544
Egin	6.72	5,544
Dewey	<u>1.43</u>	<u>1,180</u>
	100.00	82,500

Henrys Fork Storage Operations, 1967
(all figures in acre-feet)

<u>Canal</u>	<u>Henrys Lake Storage Used</u>
Dewey	1,180
Last Chance	5,734
Independent	<u>9,885</u>
Total used	16,799
Plus storage transmission loss	<u>759</u>
Total storage charge	17,558
Storage released from Henrys Lake (July 10 to October 16)	11,400
Excess use over release	6,158

Henrys Fork Total

Henrys Fork near Rexburg storage balance for 1967 -42,805 a.f.

Credit from other reservoirs:		
Enterprise use	18,182	
Other individuals	400	
Fremont-Madison Palisades allotment	<u>1,000</u>	
	19,582	<u>19,582</u>

Henrys Fork owes main river 23,223

Deficit chargeable to Henrys Lake users 6,158

Deficit to Henrys Fork users 17,065

It was apparent early in the summer that all Snake River reservoirs would end the season with large holdovers. The Henrys

Fork reservoirs were therefore allowed to retain more holdover than would have been the case had storage been in short supply. Water was being released from Island Park Reservoir early in December 1967. As soon as 23,223 acre-feet has been released the above deficit will be cancelled. Water was also being spilled from American Falls Reservoir in excess of Minidoka Power rights in late December. This cancels any deficit operations on any part of the river system.

RIVER GAINS IN HENRYS FORK BASIN, 1967

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

Lake to Island Park	20 hrs.
Island Park to Ashton	19 hrs.
Ashton to St. Anthony	5 hrs.
St. Anthony to Rexburg	12 hrs.
Squirrel to Chester	8 hrs.

Gain in Henrys Fork, Lake to Island Park, 1967 (Island Park dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Lake	425	5,512	5,647	2,768	3,494	17,846
I. P. release	-4,260	1,250	7,050	19,000	-3,060	19,980
Total supply	-3,835	6,762	12,697	21,768	434	37,826
Island Park	32,978	47,220	33,751	38,170	21,668	173,787
Total gain cfs	36,813	40,458	21,054	16,402	21,234	135,961
Mean gain cfs	1,188	1,349	679	529	708	889
Total gain a.f.	73,020	80,250	41,760	32,530	42,120	269,680

The average gain is 889 cfs compared to 574 in 1966 and 784 in 1965.

Gain in Henrys Fork, Island Park to Ashton, 1967 (Ashton dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Island Park	31,878	47,540	33,481	38,660	22,068	173,627
Ashton	82,230	89,750	63,170	68,520	44,930	348,600
Total gain cfs	50,352	42,210	29,689	29,860	22,862	174,973
Mean gain cfs	1,624	1,407	958	963	762	1,144
Total gain a.f.	99,870	83,720	58,890	59,230	45,350	347,060

The gain for September is slightly less than last year. For all other months it is greater than in 1966. The mean gain is 1,144 cfs compared to 860 in 1966 and 1,222 in 1965.

Gain in Henrys Fork, Ashton to St. Anthony, 1967
(St. Anthony dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Ashton	81,710	90,020	63,090	68,670	45,070	348,560
Chester	53,489	77,210	34,491	5,773	5,764	176,727
Total Supply	135,199	167,230	97,581	74,443	50,834	525,287
Diversions	33,550	38,760	35,186	33,810	26,009	167,315
St. Anthony	110,060	127,800	65,384	39,664	29,770	372,678
Total acct for	143,610	166,560	100,570	73,474	55,779	539,993
Total gain cfs	8,411	-670	2,989	-969	4,945	14,706
Mean gain cfs	271	-22	96	-31	165	96
Total gain a.f.	16,680	-1,330	5,930	-1,920	9,810	29,170

The average gain is 96 cfs compared to 69 in 1966 and 95 in 1965. The indicated losses in June and August may result from the poor record of discharge at Ashton during period of heavy moss growth.

Gain in Falls River, Squirrel to Chester, 1967
(Chester dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Squirrel	50,906	80,670	44,314	18,877	16,078	210,845
Diversions	7,711	15,843	17,954	17,324	12,392	71,224
Chester	53,489	77,210	34,491	5,773	5,764	176,727
Total acct for	61,200	93,053	52,445	23,097	18,156	247,951
Total gain cfs	10,294	12,383	8,131	4,220	2,078	37,106
Mean gain cfs	332	413	262	136	69	243
Total gain a.f.	20,420	24,560	16,130	8,370	4,120	73,600

The gain in September was less than a year ago. For all other months it was much greater. The average was 243 cfs compared with 125 in 1966 and 212 in 1965.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg, 1967
(St. Anthony dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Teton River	36,606	79,670	53,660	27,211	20,121	217,268
Henrys Fork	110,060	127,800	65,384	39,664	29,770	372,678
Total supply	146,666	207,470	119,044	66,875	49,891	589,946
H.Fk.diversions	30,281	27,842	24,050	21,345	15,118	118,636
Teton diver.	24,313	38,240	36,091	29,126	21,099	148,869
Rexburg	97,661	158,225	84,943	42,710	33,961	417,500
Total acct.for	152,255	224,307	145,084	93,181	70,178	685,005
Total gain cfs	5,589	16,837	26,040	26,306	20,287	95,059
Mean gain cfs	180	561	840	849	676	621
Total gain a.f.	11,090	33,400	51,650	52,180	40,240	188,560

The average gain was 621 cfs compared to 616 in 1966 and 746 in 1965. The gain is produced mostly from return flow from upstream irrigation. The 188,560 acre-feet gain is 18½% of the 1,017,120 acre-feet diverted by the canals above Rexburg. This percentage was 18½% in 1966 and 22% in 1965. Much additional return flow moves westward towards Mud Lake and there is further drain-off to the Henrys Fork during the non-irrigation season.

On pages 43-45 of 1963 report there appears a tabulation of Teton River gains. A similar tabulation for August 1967 follows:

Teton River Gains - August 1967
(24-hr second-feet)

<u>Station</u>	
Teton River near St. Anthony	27,211
Diversions	8,031
(1) North Branch Teton	10,771
(2) South Branch Teton	6,392
(3) Millrace	1,814
Total accounted for	27,008
Total loss	203
Mean loss	7

Teton River Gains - August 1967 - continued

North Teton

(1) North Teton	10,771
Diversions	10,320
(4) North Teton at Highway 191	3,007
Total accounted for	13,327
Total gain	2,556
Mean gain	82
(4) North Teton at Highway 191	3,007
(5) North Teton above Roxana	3,332
Total gain	325
Mean gain	10
(5) North Teton above Roxana	3,332
Diversions	1,822
North Teton below Saurey Sommers	3,667
Total accounted for	5,489
Total gain	2,157
Mean gain	70

South Teton

(2) South Teton	6,392
(3) Millrace	1,814
Total supply	8,206
Diversions	8,987
(7) South Teton at Rexburg	1,314
Total accounted for	10,301
Total gain	2,095
Mean gain	68
Total loss above branch	-203
Total gain North Teton	5,038
Total gain South Teton*	2,095
Total gain Teton River	6,930
Mean gain Teton River	223

* No record for lower station on South Teton.

During 1967 a gage was placed on the Henrys Fork at the Parker-Salem bridge about 5 miles southwest of St. Anthony. The following measurements were obtained:

<u>Date</u>	<u>Gage Height</u>	<u>Discharge</u> <u>(cfs)</u>
July 28	1.16	456
July 31	1.57	748
Aug. 28	1.57	724

TETON BASIN

Mr. Arthur Wilson, with summer office at Driggs, continued as Deputy Watermaster in Teton Basin during 1967.

The water content of snow on April 1 on the Teton watershed was 95% of normal. April to September precipitation at Driggs was 12.16" compared to the normal of 8.08". The yearly runoff of Teton River near St. Anthony was 109% of the 34 year average.

Seasonal diversions for all canals in this area were much greater than in 1966.

Again this year, canal diversions were started early and water spread to build up the groundwater table. This practice seems to result in a greater sustained flow of the Teton River later in the season. This early water spreading may result in undesirably high sub in the low areas along the river in some years.

The discharge of various streams and canals and storage used in Teton Basin through exchange for natural flow is shown on Plates 23 and 24. Water formerly diverted by South Fox Canal was diverted by a pipeline from the North Canal and is included in figures for North Canal above pipeline on Plate 24.

Water distribution on Teton Creek between Wyoming and Idaho users was on the basis of the 1940 Wyoming Federal Court decree. Stored water diversions by Teton Basin users, through exchange for natural flow belonging to prior downstream rights, was on the basis of diverting 1.625 times the amount of replacement storage delivered to lower Teton River at the St. Anthony gaging station, in accordance with an agreement reached by upper and lower users on Teton River in 1949.

Canals in Teton Basin did not use all of their storage allotments. No water was rented from sources outside the Basin.

There has been an increase in the use of sprinklers in recent years in Teton Basin. Plans are in progress for the conversion of a large part of the String Canal system to sprinklers.

Mr. Seth Hansen of Tetonia served as special deputy on the Leigh and Spring Creeks on an hourly basis for time actually spent. Considerable time is required to keep the headgates on these creeks regulated and it is impossible for one man to look after the other streams in Teton Basin and still give the necessary attention to the streams in the vicinity of Tetonia. One-half of the cost of Mr. Hansen's services, amounting to \$402.75, was charged as a special item to the local users and a similar amount was charged as general District 36 expense.

Mr. Wilson had to return at the end of August to his position as teacher in the Rexburg High School, but continued to look after water matters in the Basin during several weekends thereafter.

SWAN VALLEY

Leland Moore served as Deputy Watermaster and also as watermaster on several canals. The local users were charged \$5.00 a day or \$450.00 total, as a special charge and the balance of the cost of watermaster's services, amounting to \$810.00, was charged as general expense to District 36.

There was little demand for stored water by individuals not owning space in Palisades Reservoir. Swan Valley users rented 176 acre-feet from Water District 36 during 1967.

CLIMATOLOGICAL DATA

(Precipitation in inches for year ending September 30, 1967)

Month	<u>Alta</u>		<u>Moran</u>		<u>Jackson</u>		<u>Bedford</u>		<u>Palisades</u>	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.*
Oct.	0.28	1.48	0.70	1.45	0.77	1.11	0.38	1.57	0.39	1.11
Nov.	1.67	1.41	2.84	1.88	1.96	1.11	1.92	1.78	1.87	1.73
Dec.	1.13	1.51	2.12	2.36	1.48	1.54	2.68	2.18	1.39	2.21
Jan.	2.87	1.60	4.79	2.35	2.17	1.43	2.78	2.11	3.02	1.86
Feb.	.84	1.48	1.72	2.28	.85	1.32	1.92	1.95	1.36	1.83
Mar.	.87	1.51	2.24	2.08	1.08	1.20	1.66	2.02	.93	1.66
Apr.	2.90	1.48	2.14	1.73	1.73	1.20	2.59	1.67	1.39	1.61
May	2.78	2.04	2.05	1.85	1.34	1.50	2.15	2.13	1.43	1.94
June	5.24	2.29	2.50	1.77	4.82	1.51	3.97	2.08	4.03	2.16
July	1.62	.94	.77	.97	1.48	.75	1.93	.93	1.56	.89
Aug.	.82	1.19	1.19	1.30	.73	1.12	.89	1.04	.35	1.07
Sept.	.82	1.28	1.11	1.28	1.23	1.04	** .90	1.26	.85	1.35
Year	21.84	18.21	24.17	21.30	19.64	14.83	23.77	20.72	18.57	19.42

Month	<u>Ashton</u>		<u>Idaho Falls</u>		<u>Pocatello</u>		<u>Twin Falls</u>		<u>Av. 9 Stas.</u>	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	0.61	1.35	0.36	0.63	0.40	0.89	0.06	0.76	0.44	1.15
Nov.	1.88	1.56	.29	.62	.63	.99	1.09	.92	1.57	1.33
Dec.	1.59	1.89	.90	.80	.72	1.00	.71	.86	1.41	1.55
Jan.	1.52	1.82	1.15	.89	1.08	1.21	.62	1.04	2.22	1.59
Feb.	.32	1.77	.15	.71	.18	.92	.03	.70	.82	1.44
Mar.	1.10	1.39	.53	.66	1.21	1.02	.93	.84	1.17	1.38
Apr.	1.65	1.04	.90	.66	1.81	1.06	1.66	.93	1.86	1.26
May	2.07	1.45	1.22	.98	1.14	1.13	.51	1.00	1.63	1.56
June	4.08	1.91	3.06	1.13	3.30	.96	1.85	.79	3.65	1.62
July	2.52	.82	.85	.46	.22	.51	.18	.24	1.24	.73
Aug.	.38	.95	.07	.50	.13	.55	T	.17	.51	.88
Sept.	.86	.94	.20	.63	.14	.61	.18	.49	.70	.99
Year	18.58	16.89	9.68	8.67	10.96	10.85	7.32	8.74	17.22	15.48

* Used 20 year average.

** Estimated. Station discontinued.

On an average for the nine stations the precipitation for the year ending September 30, 1967, was 111% of normal. June and July were 225% and 170% of normal, respectively.

CLIMATOLOGICAL DATA

(Precipitation in inches for year ending September 30, 1967)

Month	<u>Alta</u>		<u>Moran</u>		<u>Jackson</u>		<u>Bedford</u>		<u>Palisades</u>	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.*
Oct.	0.28	1.48	0.70	1.45	0.77	1.11	0.38	1.57	0.39	1.11
Nov.	1.67	1.41	2.84	1.88	1.96	1.11	1.92	1.78	1.87	1.73
Dec.	1.13	1.51	2.12	2.36	1.48	1.54	2.68	2.18	1.39	2.21
Jan.	2.87	1.60	4.79	2.35	2.17	1.43	2.78	2.11	3.02	1.86
Feb.	.84	1.48	1.72	2.28	.85	1.32	1.92	1.95	1.36	1.83
Mar.	.87	1.51	2.24	2.08	1.08	1.20	1.66	2.02	.93	1.66
Apr.	2.90	1.48	2.14	1.73	1.73	1.20	2.59	1.67	1.39	1.61
May	2.78	2.04	2.05	1.85	1.34	1.50	2.15	2.13	1.43	1.94
June	5.24	2.29	2.50	1.77	4.82	1.51	3.97	2.08	4.03	2.16
July	1.62	.94	.77	.97	1.48	.75	1.93	.93	1.56	.89
Aug.	.82	1.19	1.19	1.30	.73	1.12	.89	1.04	.35	1.07
Sept.	.82	1.28	1.11	1.28	1.23	1.04	** .90	1.26	.85	1.35
Year	21.84	18.21	24.17	21.30	19.64	14.83	23.77	20.72	18.57	19.42

Month	<u>Ashton</u>		<u>Idaho Falls</u>		<u>Pocatello</u>		<u>Twin Falls</u>		<u>Av. 9 Stas.</u>	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	0.61	1.35	0.36	0.63	0.40	0.89	0.06	0.76	0.44	1.15
Nov.	1.88	1.56	.29	.62	.63	.99	1.09	.92	1.57	1.33
Dec.	1.59	1.89	.90	.80	.72	1.00	.71	.86	1.41	1.55
Jan.	1.52	1.82	1.15	.89	1.08	1.21	.62	1.04	2.22	1.59
Feb.	.32	1.77	.15	.71	.18	.92	.03	.70	.82	1.44
Mar.	1.10	1.39	.53	.66	1.21	1.02	.93	.84	1.17	1.38
Apr.	1.65	1.04	.90	.66	1.81	1.06	1.66	.93	1.86	1.26
May	2.07	1.45	1.22	.98	1.14	1.13	.51	1.00	1.63	1.56
June	4.08	1.91	3.06	1.13	3.30	.96	1.85	.79	3.65	1.62
July	2.52	.82	.85	.46	.22	.51	.18	.24	1.24	.73
Aug.	.38	.95	.07	.50	.13	.55	T	.17	.51	.88
Sept.	.86	.94	.20	.63	.14	.61	.18	.49	.70	.99
Year	18.58	16.89	9.68	8.67	10.96	10.85	7.32	8.74	17.22	15.48

* Used 20 year average.

** Estimated. Station discontinued.

On an average for the nine stations the precipitation for the year ending September 30, 1967, was 111% of normal. June and July were 225% and 170% of normal, respectively.

EXPENDITURES DURING YEAR ENDING SEPTEMBER 30, 1967

Engineers and Hydrographers:

H. C. Eagle	Salary, 1 year	\$14,227.20
A. L. Larson	Salary, 1 year	11,876.00
C. M. Bennett	Salary, 1 year	8,748.80
Oleen Dummer	Salary, 1.01 mo. @ \$470 mo.	
	1.69 mo. @ \$480 mo.	1,284.00
Laird Dummer	Salary, 2.85 mo. @ \$480 mo.	1,369.14
A. H. Bush	Salary, 3.00 mo. @ \$480 mo.	1,440.00
A. W. Wilson	Salary, 4.05 mo. @ \$480 mo.	1,944.63

Clerk:

Charlotte E. Wood	Salary, 1 year	6,739.20
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River Riders:

Bruce D. Cole	2 days @ \$14.00 incl. mileage	
	80 days @ \$14.50 incl. mileage	1,188.00
J. M. Brown	1 day @ \$14.00 incl. mileage	
	80 days @ \$14.50 incl. mileage	1,174.00
J. A. Balmforth	1 day @ \$15.00 incl. mileage	
	39 days @ \$15.50 incl. mileage	619.50
C. J. Anderson	1 day @ \$14.00 incl. mileage	
	81 days @ \$14.50 incl. mileage	1,188.50
O. P. Mortensen	112 days @ \$19.00 incl. mileage	2,128.00
L. C. Anderson	1 day @ \$10.00 incl. mileage	
	60½ days @ \$19.00 incl. mileage	1,159.50
S. B. Garrett	76 days @ \$19.00 incl. mileage	1,444.00
Elmer Lenz	2.68 mo. @ \$155 mo. incl. mileage	415.00
S. L. Hansen	358 hrs. @ \$2.25 hr. incl. mileage	805.50
L. H. Moore	90 days @ \$14.00 incl. mileage	1,260.00

Miscellaneous:

Gage Readers	583.84
Transportation, 25,646 miles @ 10¢ a mile	2,564.60
Transportation, Government car, 1 year	2,094.65
Government Travel expense, C. M. Bennett	448.50
Government Travel expense, A. L. Larson	403.31
Subsistence	426.33
Telephone and Telemark	742.54
Supplies and Equipment	1,278.31
Postage	244.15
Water District Bond and Insurance	403.97
Federal Insurance	519.02
Retirement	2,703.64
Social Security	552.51
Groundwater Investigations	1,500.00
Snow Pillow, Glade Creek	8,032.90

TOTAL

\$81,509.24

Expenditures during year ending September 30, 1967 - continued

Expenditures from various funds:

Consolidated State repay and Federal accounts	\$38,253.36
Water District No. 36 †	<u>43,255.88</u>
Total	\$81,509.24

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$525.00 for services at \$10.00 per day and expenses, which was pro-rated among upper valley canals.

Funds on hand September 30, 1967

Federal and State accounts	\$18,825.00
(Fiscal year begins July 1)	
Water District Funds	<u>-11,946.12</u>
Total	\$ 6,878.88

† \$12,800 of this amount transferred to Washington to be deposited to Cooperative repay account.

*Waterusers operating funds are collected after October 1 of each year. There is always a deficit of Water District funds at the end of September. This year in the Water District account on September 30, there was \$2,333.00 collected for rental water, which was later disbursed to various companies and individuals who had water for rent. Also, \$11,500 was borrowed from the Twin Falls Canal Company. The actual Water District balance on September 30 was -\$25,779.12. The balance on December 31 was \$8,000.05.

Federal funds provided are for the operation of 65 stream flow gaging stations which are located within and near the boundaries of Water District 36.

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DEVELOPMENT OF SNAKE RIVER IRRIGATION

Henry C. Eagle
Watermaster, Idaho Water District No. 36

"The earliest water rights in the upper Snake River Valley were established in 1874 when the waters of Willow Creek northeast of Eagle Rock (now Idaho Falls) were first diverted for irrigation use. . . . The first water right on the main Snake River dates from June 1, 1880, when water was diverted to serve lands now under the Long Island Canal near Menan. On August 1 of the same year work started on the diversion of 160 cfs by the Eagle Rock and Willow Creek Canal near Heise."¹ From this modest beginning irrigation development has continued until about 1,300,000 acres were being irrigated in 1967 from the surface waters of Snake River and its tributaries.

During the period 1884-1896 construction had commenced on practically all of the canals now diverting water above American Falls. The combined capacity of these canals was about 16,000 cfs. During these early years there was no indication that there would ever be a shortage of water on Snake River. The crops were mostly hay and grain with little demand for late season water.

"The filing for the first project below American Falls was made on October 11, 1900, for the Twin Falls Project designed to serve 200,000 acres. . . . The National Reclamation Act was passed by Congress in 1902 and on March 26, 1903, the Government made a filing on 1,726 cfs of water for the Minidoka Project. . . . The filing for the Jerome Project was made in 1905."¹

"The year of 1905 was the first year that the Snake River canals experienced any water shortage of consequence. During the late summer of that year Snake River was dry for a distance of about 10 miles in the vicinity of Blackfoot. At that time the lower users in the vicinity of Blackfoot endeavored, without much success, to get the canals further upstream to turn down some water. A serious shortage was also experienced on Teton River in the same year. As a consequence a suit was started soon after to adjudicate the water rights on Snake River and tributaries above Blackfoot. This culminated in the so-called Rexburg decree in 1910 covering water rights in the upper valley. The Foster Decree adjudicating lower valley rights was handed down in 1913. In later years many of the canals increased their diverting capacity and in the so-called Woodville Decree of 1929 additional floodwater rights of 1916 priority were awarded by stipulation to these canals."¹

Most of the Rexburg decrees appear to have been based on one inch of water per acre. Some in areas of heavy gravel or sub-irrigation were permitted 2 to 4 inches per acre. Several of the larger projects were planned on the basis of 5/8 inch per acre.

Prior to the construction of Palisades Reservoir, many canals had been diverting water in excess of their established decrees. These diversions had increased as brush areas were cleared and water applied to

a larger part of the land to which the decrees applied. Also, some ground after years of use has been found to require more water than was originally required. Further, the changes in crop practices have created a need for more water. As a consequence, most of these canals have diverted an additional 10 to 20% when water was available.

In accordance with the practice of not letting a new development interfere with established uses it was decided to permit these canals to make supplemental filings for the additional amounts that had been used above their decrees. This decision was made a part of the *Palisades Contracts*. Suits were commenced in 1967 in the District Courts in Idaho Falls and Twin Falls to have decrees of April 1, 1939, granted to the above canals. The Idaho State Reclamation Engineer has intervened in these suits raising a question as to whether these high diversions can be considered a beneficial use. He notes that this question is especially pertinent in the Rigby area where increased use of water in recent years has raised the ground water to damaging levels.

"To provide storage for the Minidoka Project the Government in 1906 constructed a log-crib dam at the outlet of Jackson Lake to store 300,000 acre-feet of water. This dam washed out in 1910 and was replaced by an earth dam storing 380,000 acre-feet. . . . In 1915 the Government decided that the Minidoka Project as then constructed did not need all its space in Jackson Lake, and sold 102,000 acre-feet to various canals in the upper valley above American Falls."¹

The Milner diversion dam was completed in 1905 and Minidoka dam in 1906. The latter dam was built about nine feet higher than needed for the canal diversions and provides about 97,000 acre-feet of usable storage.

In 1915 the Jackson Lake dam was raised and the outlet channel dredged. This increased the reservoir capacity to 847,000 acre-feet with so-called bottom rights of about 409,000 and top rights of 438,000 acre-feet. The latter space is owned by the Twin Falls Canal Company and the North Side Canal Company.

"The year of 1919 was a severe shock to the Snake River waterusers. The river runoff was very low and large crop losses were sustained by users under the various canals, all the way from Ashton to King Hill."¹ A river operating organization was set up in the spring of 1919 to deal with growing problems in the distribution of the waters of Snake River. This resulted in the creation of the Committee of Nine and the setting up of Water District 36 on a year-round basis.

"In District No. 36 on Snake River the work of water distribution requires constant use of streamflow records. Discharges from the river and canal gaging stations are necessary daily during the water regulation period. On account of this intimate connection between the work of stream gaging and water distribution a cooperative agreement was entered into in 1919 and has since continued in effect between the U. S. Geological Survey, State of Idaho, and Water District No. 36 whereby the District Engineer of the U. S. Geological Survey is elected annually as watermaster by the Snake River waterusers. An

executive order authorizes him to hold both Federal and State positions as part of the Geological Survey's cooperative program with the states. The Geological Survey and the State of Idaho contribute towards the cost of the work from cooperative stream-gaging funds an amount equal to what it would cost to operate and maintain the gaging stations in the District that are of general public interest. The balance of the cost of operations relating to water distribution is paid by the waterusers of Water District No. 36. The cooperative feature of the work has made it possible to get the streamflow records computed and available for use much more speedily than is the case elsewhere."² This cooperative agreement eliminates duplication of work and personnel. The combined responsibilities provide a challenge and interest to those in charge that would be diminished if the work were divided among two or more organizations. It has been an effective and efficient arrangement which might well be copied in other areas of joint Federal-State-Municipal endeavors.

The Committee of Nine is the executive body acting for the waterusers. Members are elected from the various areas of the district to provide a wide representation. The Committee has no legal authority but its recommendations receive much public support. Its prestige has increased through the years as a result of calm, studied decisions on countless controversial matters. "The Committee has gradually grown in influence; it passes on the annual budget, determines policies and generally acts in the capacity of the Board of Directors of a corporation of which the watermaster acts as manager. It acted as the Idaho Compact Commission in the agreement between Idaho and Wyoming for division of the waters of Snake River between the two states. This plan of river operation that has evolved on Snake River through 40 years of operating experience, ranging from extreme drought to heavy floodwater years, is essentially a democratic plan controlled by the waterusers, in proportion to their respective interests. They have demonstrated their ability to resolve their differences among themselves. The Committee of Nine provides an organized well-informed group that can sit down with the Bureau of Reclamation, for example, and discuss any differences of ideas as to what ought to be done in the way of water development or operation. At times the Committee has strongly opposed plans of the Bureau of Reclamation for developments on the river but through mutual discussion it has always so far been found possible to agree upon a plan that has been mutually acceptable and which has probably been more equitable than if one party had been able to impose its will upon the other."²

The watermaster acts as an executive secretary for the Committee of Nine and supervises the many details of the district operations. Each year, after his election, he is appointed watermaster by the Idaho State Reclamation Engineer. He delivers the water in accordance with court decrees and state law and in this area is under the supervision of the Idaho Department of Reclamation. In other areas he acts under the supervision of the District Chief of the U. S. Geological Survey or the Committee of Nine.

As a result of the 1919 water shortage the government made a 1921 filing on the American Falls reservoir. This reservoir was completed

in late 1926, with a capacity of 1,700,000 acre-feet, and filled for the first time in 1927. Canal companies paid for the construction in advance and could be persuaded to buy only one-half of the available space. The government paid for the balance of the space. Shortly after the reservoir was built, 400,000 acre-feet of space was disposed of to the old Idaho Irrigation Project on Big Wood River. The Milner-Gooding canal was constructed for delivery of this water. The remaining 433,000 acre-feet was leased to the Idaho Power Company until January 1931. Thereafter, it was leased for irrigation to various canal companies in the district. It was finally disposed of to various canal companies under terms of the Palisades contracts.

During the years 1929-42 the Snake River water supply was much below any previous period of record. Only the 1936 and 1938 years were near average. Runoff at Moran was about 67% of average in 1930 and 53% in 1934. Heavy crop losses occurred in all the Snake River area and emphasized the need for additional storage reservoirs. In 1939 the Bureau of Reclamation completed Island Park and Grassy Lake reservoirs with a combined capacity of 146,000 acre-feet. These reservoirs, together with Henrys Lake reservoir which was constructed by the North Fork Reservoir Company in 1923, took care of the most pressing needs for storage in the Henrys Fork area. A filing was made by the Bureau of Reclamation in July 1939 for the Palisades Reservoir. Studies and negotiations continued until 1952 when construction was started. The reservoir was completed in 1956 with 1,200,000 acre-feet of usable storage.

The addition of reservoirs to the river system has introduced complications in its operation. Perhaps the first was the problem of running storage water down the river from Jackson Lake and past the upper valley canals to the lower valley. This required measurements of the transmission losses in the various sections of the river. Computations for the 1910 season showed a transmission loss of over 29% between Jackson Lake and Minidoka dam. Studies in following years showed variable losses of mostly a lesser amount. By 1925 the losses in the various sections of the river were fairly well defined. Since that date practically the same river losses have been approved each year by the waterusers at their annual meeting. The loss from Moran to Blackfoot is now accepted as 12.8%. There is a gain in the section from Blackfoot to Neeley and Neeley to Milner.

The schedule of transmission losses on stored water that has been approved by the waterusers on the main river during recent years is as follows: 1.7% Moran to Palisades; 0.8% Palisades to Heise; 4.4% Heise to Lorenzo; 0.5% Lorenzo to Woodville, 6% Woodville to Shelley. To compute separate losses to each of the canal diversions would be a cumbersome matter and one of endless contention among the various canals. Instead, a uniform charge is made against all of the canals from Heise to Blackfoot. Prior to the time of Palisades Reservoir a river loss of 7.25% was added to the storage diverted by each canal to compute the storage withdrawal at Jackson Lake. Since Palisades water has been available a loss of 6.5% has been added to storage diverted to get the reservoir equivalent. This reduction in river loss is possible since most of the storage water now used is from the lower reservoir.

There is enough inflow below Blackfoot so that part of the October 11, 1900, right remains in effect throughout the irrigation season. Prior to the construction of American Falls Reservoir this inflow was directly available to the lower canals. With the building of the reservoir this inflow was impounded. Studies by T. R. Newell related the inflow above the reservoir flow line to that below. All significant tributaries were measured where they entered the reservoir. These same points are now measured periodically during the irrigation season and their total is the measured inflow. The Newell formula (unmeasured inflow in cfs = 840 plus 1/3 measured inflow) is used to compute the inflow available to the 1900 right. Since 1964 pumping diversions from the Portneuf River by the Bureau of Indian Affairs have reduced the measured inflow. Theoretical inflow is now computed on Plate 11 of the annual hydrometric report of Water District No. 36. This theoretical inflow is credited to lower valley canals.

At the time the Government made filings for the Minidoka Project it also filed on any return flow that might return to the river as a result of use of water on the project land. This was a departure from previous practices on the river but was permitted by the waterusers. No attempt is made to compute this gain on a daily basis. The losses and gains in all sections of the river are computed on a monthly basis. The Minidoka Project is credited with the gain from Neeley to Milner during the period this project is using stored water. In the dry year of 1961 this amounted to 43,000 acre-feet; in 1966 it was 113,000 acre-feet.

From time to time other entities on the river have requested that they be given credit for waste water or return flow from their areas. This has always been denied. Pressure has come especially from the Henrys Fork area, from which a large amount of water returns to the river. Again, the practice has been to retain for the natural flow users the conditions that existed at the time of their decrees. In the case of the Henrys Fork users and others on the river their projects had been in use for a long period and were a part of the river system at the time of the river decrees. The Minidoka Project, however, was a later project and its return flow became an added source of supply to the river.

A division of the costs of administering the water district between users of stored water and normal flow is a matter of consequence. For many years prior to 1941 the costs were paid for, 60% by normal flow users and 40% by those using stored water. Since 1941 assessments have been made in proportion to the amount of water diverted, with no distinction being made between stored and normal flow diversions. Some special charges, such as the cost of the groundwater investigations around American Falls, are assessed against those having a direct interest in the projects involved.

With the raising of Jackson Lake a difference of opinion was created as to the nature of the upper and lower rights in that reservoir. The matter of holding over from one year to another in the bottom space storage not used by upper space owners was in dispute. Mr. Barry Dibble, Superintendent of the Minidoka Project ruled that there

were no holdover rights in Jackson Lake and top³ right owners could only get water after bottom rights were filled.

This position was modified somewhat in the American Falls Reservoir purchase contracts. These provided that upper valley purchasers of American Falls space would have the water exchanged each year for an equal amount in Jackson Lake and would have the privilege of holding over until the next year any unused portion. The disagreement has been settled by the Palisades contracts, which provide for holdover rights on all water in Jackson Lake.

Idaho law permits transfers in the place of use of decreed water. This process requires the consent of the Idaho Department of Reclamation and can be accomplished unless someone can show that he will be injured. In early years such transfers were made with little objection. It later became apparent that some of these transfers were creating an additional demand on the river. For example, water was being transferred from the Long Island area where the ground water is tributary to the river above Idaho Falls to the New Sweden area. The ground water is at great depth in this latter area and does not get back to Snake River above Blackfoot. Return flow which could be used again above Blackfoot if water was applied on Long Island would be lost if used on New Sweden land. Such transfers are now permitted but only 50% of the water transferred may be used at the new diversion. No transfers are permitted from areas above Blackfoot to points below American Falls.

Users in headwater areas are permitted to divert natural flow in excess of their decrees in exchange for storage water. In areas where return flow comes back directly to the stream such users have been permitted to divert twice as much water as they are charged for storage. This attempts to charge them for the amount of water actually used.

As new developments have occurred, an attempt has been made to maintain the natural flow rights as they would have been without these changes. Early in the season the cuts in decrees are delayed a few days to compensate for heavy losses to bank storage and evaporation. Later in the season this stored water is recovered from return flow from bank storage. With the addition of reservoirs to the river system nearly all users now have reservoir storage to supplement their decreed rights. As a result the former division between the two groups has almost disappeared.

Additional reservoirs have increased the degree of control on the river. At the same time they have made more complicated the river computations. Water is credited to the various reservoirs in accordance with their several priorities. Reservoirs are operated to retain as much as possible in the upstream reservoirs. This sometimes results in differences of opinion on reservoir allotments. In 1961 American Falls Reservoir failed to fill. This was the first year since 1935 that this had occurred. In the intervening years Island Park and Grassy Lake reservoirs had been completed. These two reservoirs in 1961 stored 81,500 acre-feet of water that was creditable to the American Falls priority. Also 55,000 acre-feet of water had been stored in American Falls that was creditable to Palisades Reservoir

under terms of the Palisades contracts. These contracts allow Palisades to store ahead of American Falls up to 259,600 acre-feet which is available from winter water savings. These savings are effected by shutting canals off for 150 days during the winter. With the above adjustments the American Falls right was only 94% filled. Except for winter water savings, there was no water available for storage to Palisades reservoir rights.

There was about 190,000 acre-feet of storage in the three Henrys Fork reservoirs at the beginning of the 1961 irrigation season. However, much of this belonged to downstream reservoirs because of storage adverse to American Falls and overuse of natural flow without replacement from Henrys Fork reservoirs during the 1960 season. Only 81,000 acre-feet was creditable to these reservoirs. This was supplemented by rental of 31,253 acre-feet of American Falls storage from the Idaho Power Company and 13,000 acre-feet from other sources. It was not necessary to run any of the Henrys Fork storage down to lower valley users. At the end of the 1961 season there was 55,000 acre-feet of holdover water in the Henrys Fork reservoirs, all of which was creditable to Snake River reservoirs. Fortunately, 1962 was a good water year. All reservoirs filled and eliminated possible controversies over the 1961 allotments. In a series of dry years in the future it will again be hard to convince users on the Henrys Fork that water stored in their reservoirs may be called upon to supply the earlier American Falls rights.

At the time American Falls Reservoir was built there was comparatively little effect on the river flow by other storage reservoirs. The reservoir was operated to furnish irrigation water during the summer and complete filling during the period of flood runoff. This did not result in the reservoir being full during ice periods and the dam was not designed to withstand ice pressures.

With the addition of other reservoirs and particularly after Palisades became available it has been necessary to alter the former storage practices at American Falls. It can usually be fairly well filled during the winter period allowing upper reservoirs to be filled by the heavy spring runoff. American Falls reservoir has been full at several times while ice was on the reservoir. After the deterioration of the concrete in the American Falls dam was discovered it seemed unwise to permit the reservoir to be full while it was still covered with ice. Present practice calls for keeping the top 8 feet of space vacant until ice has left the reservoir. In some years this makes it impossible to fill the reservoir between the time the ice leaves and heavy canal diversions begin. As a result water is spilled down the river that could be stored if a properly designed dam were available. The wasted water is kept to a minimum by keeping as much water as possible in upstream reservoirs.

In operating the reservoir system to keep water upstream it is usually possible to store more water than would be the case if reservoirs were physically filled in the order of their priorities. In many years water is retained during the storage season in Palisades Reservoir that is creditable to the American Falls storage right. When American Falls later fills physically this water is credited to Palisades.

Questions arise regarding the right of American Falls to store water after it has once filled. One point of view is that after the reservoir once fills it should not be permitted to store further water during that season. However, the reservoir storage rights are operated in the same order as decreed rights for canal diversions. During many years there is a period in the early spring when users in the lower valley are diverting more water than is entering American Falls reservoir. This occurs before the heavy snowmelt begins and at a time when storage is likely taking place in upper reservoirs. At these times American Falls is drawn down below its capacity. At such times water is being stored in Palisades or other reservoirs that is creditable to the American Falls right. Later in the season there is more than enough normal flow in the river to fill all rights earlier than the American Falls 1921 storage right. This reservoir is then either refilled physically or credited with the adverse storage in Palisades or other reservoirs. Here, again, the attempt is to preserve for American Falls reservoir the storage rights it was entitled to prior to the time of later reservoirs. While this reduces the amount of water available to Palisades users in many years it is in accordance with a proper administration of the decreed rights. During many of these same years, Palisades Reservoir has already been credited with American Falls water held over or adversely stored.

Further complications may be faced if an enlarged American Falls Reservoir becomes a reality. With additional space available in the downstream reservoir, some of the established storage practices may be questioned. Should Palisades or other upstream reservoirs be permitted to adversely store American Falls water which would otherwise be available for storage in the enlarged space? Should these same reservoirs be allowed to hold over American Falls water and have it credited to their space when the present American Falls reservoir space fills? It appears to the writer that the above practices have established a right by use that should not be interfered with by an enlarged American Falls reservoir. A straightforward approach (and one that would be simple to administer) would be to allow an American Falls enlarged reservoir to be credited with only the water actually physically stored above the present 1,700,000 acre-foot capacity. However, this would not prevent the top rights from holding water over in the bottom space as long as it caused no loss of water to the earlier rights.

An enlarged American Falls Reservoir will require surveys to determine the new contents. This will make it possible to compute the amount of silting that has taken place during the life of the reservoir. Crandall³ estimated that this might amount to as much as 2.5% of the original reservoir space.

Others⁴ have noted that with an enlarged American Falls Reservoir there will likely be new land developed in the downstream area. This will result in a larger withdrawal of water each year from that reservoir. Under these new conditions it will be necessary to arrive at operating rules that will not permit upstream reservoirs to hold over and acquire title to storage that should go to the American Falls rights.

There is wide difference of opinion as to the merits of an enlarged American Falls Reservoir. Possibly the most serious objections arise from the loss of grazing land to the Fort Hall Indians. Possibly other low ground in nearby areas could be purchased and exchanged with the Indians for the ground that would be lost to an enlarged reservoir. With an American Falls Reservoir of the present size and even after the development of Lynn Crandall or another upstream reservoir, there will be years when water will spill to waste that could be stored if a larger reservoir were available. A dam built at this time should be usable for up to 100 years. It is likely that at that time there will be demand for all possible storage on the Snake River above Milner.

Footnotes

¹History of Irrigation Development in the Snake River Valley -
Lynn Crandall

²Snow River - Lynn Crandall

³Open letter in 1954 from Lynn Crandall to Minidoka Irrigation
District

⁴Martin K. Fulcher, U. S. Bureau of Reclamation, Boise, Idaho

Table 1

SHARPE RIVER NEAR HESTER, IDAHO - ADJUSTED MEAN FLOW IN CFS

Water Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
1911	3,440	3,390	3,070	3,010	2,720	2,770	4,870	15,800	31,500	14,300	5,710	4,210	7,896
1912	4,030	3,800	2,900	2,869	2,939	2,950	4,140	14,800	32,100	16,000	8,430	5,650	8,392
1913	4,980	4,110	3,500	3,530	3,360	3,150	8,740	21,900	26,700	13,900	7,070	5,000	8,845
1914	4,640	4,180	3,330	3,260	3,030	3,060	8,560	22,000	23,000	10,800	5,730	5,250	8,083
1915	5,220	4,110	3,318	3,122	2,879	2,880	7,200	9,700	11,600	7,450	4,270	3,930	5,480
1916	3,580	3,150	2,812	2,763	3,077	3,911	8,900	15,700	25,000	16,700	7,390	4,850	8,163
1917	4,430	3,580	3,280	2,790	3,000	2,989	4,390	17,500	30,280	21,565	7,810	5,710	8,966
1918	4,680	4,670	4,890	4,100	3,900	4,214	6,418	15,636	38,000	12,900	6,220	4,760	9,199
1919	5,140	4,360	3,840	3,560	3,790	4,104	6,922	14,600	8,380	3,900	3,210	3,000	5,410
1920	3,280	3,080	2,370	2,540	2,490	2,548	3,860	18,600	24,800	11,900	5,780	4,610	7,146
1921	4,248	4,022	3,832	3,732	3,617	3,880	6,025	21,800	27,000	9,720	5,930	4,770	8,228
1922	3,750	3,840	3,837	2,962	2,971	3,036	3,892	17,760	25,700	9,340	6,170	4,770	7,347
1923	3,415	3,249	3,160	3,300	2,987	3,233	4,801	17,600	20,500	11,600	5,800	4,120	6,987
1924	3,760	3,270	2,866	2,726	3,181	2,831	4,870	14,200	10,500	5,460	3,220	3,060	4,993
1925	3,780	3,100	2,540	2,880	2,970	3,070	8,660	23,100	21,400	13,800	6,880	5,590	8,175
1926	4,460	3,790	3,280	2,760	2,900	3,480	8,230	13,800	9,380	5,110	4,130	3,300	5,403
1927	3,470	3,470	3,220	3,190	3,060	2,660	5,040	17,800	32,800	16,800	6,970	5,790	8,695
1928	4,840	5,010	4,170	3,960	3,150	3,570	6,030	30,400	19,400	12,500	5,880	4,330	8,638
1929	4,050	3,480	3,050	2,910	3,090	2,800	3,800	12,000	18,000	8,840	4,790	4,490	5,951
1930	3,600	2,980	3,010	2,540	2,710	2,890	7,670	12,300	15,200	7,760	5,760	4,170	5,894
1931	4,700	3,390	2,870	2,500	2,580	2,700	4,280	8,180	9,210	3,450	2,950	2,690	4,127
1932	2,790	2,640	2,430	2,340	2,320	2,500	4,560	16,700	21,400	10,500	5,480	3,980	6,471
1933	3,480	3,250	2,840	3,000	2,710	2,550	3,980	9,560	22,400	7,150	4,360	3,580	5,735
1934	3,030	2,830	2,490	2,550	2,360	2,860	6,010	10,300	5,630	3,340	2,450	2,140	3,846
1935	2,560	2,460	2,260	2,237	2,133	2,230	5,183	11,750	20,690	8,971	4,457	3,165	5,680
1936	2,941	2,795	2,381	2,581	2,545	2,332	7,174	26,920	21,510	7,965	5,129	4,064	7,371
1937	3,356	2,914	2,744	2,523	2,566	2,390	3,671	16,080	13,530	6,470	3,574	3,178	5,265
1938	3,112	2,895	2,919	2,591	2,510	2,778	7,082	17,110	23,680	11,130	5,334	4,266	7,128
1939	3,849	3,467	3,138	2,945	2,751	3,169	8,223	15,980	12,350	7,438	4,467	3,654	5,969
1940	3,214	2,649	2,500	2,509	2,615	2,796	4,851	13,460	11,180	4,494	3,108	3,107	4,710

Water

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
1941	2,955	2,743	2,429	2,398	2,300	2,514	4,172	13,380	12,800	6,120	4,970	4,311	5,104
1942	3,813	3,280	3,245	2,567	2,529	2,399	7,722	11,890	17,460	8,937	4,145	3,441	5,959
1943	3,061	3,244	3,028	2,991	2,742	2,702	13,000	18,965	27,110	18,540	7,485	4,862	8,995
1944	4,259	3,839	3,208	2,819	2,849	2,663	4,018	9,672	16,100	8,662	4,188	3,375	5,470
1945	3,093	3,144	2,719	2,551	2,706	2,531	3,486	13,611	18,837	13,382	6,370	5,094	6,478
1946	4,081	3,758	3,340	2,915	2,927	3,348	12,778	18,460	17,950	8,755	5,014	4,408	7,322
1947	4,121	3,568	3,451	2,735	2,816	3,223	5,513	20,388	19,247	11,104	6,582	4,563	7,303
1948	3,804	3,489	3,044	2,894	2,713	2,586	5,038	17,550	22,181	7,550	4,500	3,750	6,592
1949	3,418	3,322	3,021	2,594	2,743	2,871	7,642	20,155	18,508	7,999	4,573	3,871	6,741
1950	3,961	3,504	2,951	2,897	3,016	3,061	7,156	15,883	28,268	17,422	6,873	5,231	8,367
1951	4,708	4,314	3,714	3,338	3,532	3,252	8,755	22,311	22,435	14,620	8,519	5,192	8,751
1952	4,699	3,833	3,513	3,323	3,200	3,133	8,359	23,747	21,267	9,101	5,646	4,211	7,844
1953	3,539	3,086	2,997	3,172	2,856	2,743	4,941	10,008	23,031	10,486	5,209	3,868	6,331
1954	3,322	3,172	2,866	2,959	2,779	2,777	5,910	20,881	17,335	12,368	5,319	4,153	7,014
1955	3,527	3,222	2,717	2,583	2,611	2,649	3,394	11,120	17,622	8,122	4,617	3,486	5,480
1956	3,299	3,278	3,946	3,485	2,711	3,031	10,043	26,590	31,363	12,093	6,142	4,742	9,230
1957	4,013	3,343	3,363	3,009	3,151	3,092	4,534	17,896	25,643	13,383	5,511	4,338	7,622
1958	3,783	3,254	3,231	2,824	2,994	2,778	4,424	20,601	14,743	5,874	3,817	3,420	5,998
1959	3,109	3,327	2,915	2,681	2,797	2,696	5,046	11,060	22,451	8,609	4,638	3,852	6,098
1960	4,014	3,177	2,777	2,752	2,684	2,907	6,087	11,329	14,721	5,743	3,898	3,396	5,287
1961	3,493	3,115	2,589	2,371	2,569	2,752	4,179	12,072	14,112	4,534	3,448	3,764	4,921
1962	3,756	3,174	2,988	2,642	3,495	2,870	10,550	19,558	20,300	10,645	5,390	3,930	7,452
1963	3,735	3,250	2,856	2,541	3,547	2,761	3,887	14,391	20,265	8,270	4,253	4,376	6,179
1964	3,480	3,442	2,717	2,680	2,464	2,576	4,369	15,880	24,830	13,800	5,406	4,141	7,153
1965	3,518	3,352	4,139	3,664	3,252	2,930	8,190	18,180	30,110	17,305	7,511	5,660	9,001
1966	4,496	3,991	3,300	3,232	2,960	3,074	5,365	16,409	13,394	5,844	3,862	3,866	5,830
1967	3,283	3,057	2,700	2,883	2,721	2,819	3,877	13,820	26,817	14,093	5,352	4,158	7,141

Adjusted for changes in Jackson Lake and Palisades Reservoir contents.
No correction for time of travel.

Water

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
1911	211.5	201.7	188.8	185.1	151.1	170.3	289.8	971.5	1,874.4	879.3	351.1	250.5	5,730
1912	247.8	226.1	178.3	176.4	169.1	181.4	246.3	910.0	1,910.1	983.8	518.3	336.2	6,080
1913	306.2	244.6	215.2	217.1	186.6	193.7	520.1	1,346.6	1,588.8	854.7	434.7	297.5	6,410
1914	285.3	248.8	204.8	200.4	168.3	188.2	509.4	1,352.7	1,368.6	664.1	352.3	312.4	5,860
1915	321.0	244.6	204.0	192.0	159.9	177.1	428.4	596.4	690.2	458.1	262.6	233.9	3,970
1916	220.1	187.4	172.9	169.9	177.0	240.5	529.6	965.4	1,487.6	1,026.8	454.4	288.6	5,920
1917	272.4	213.0	201.7	171.6	166.6	183.8	256.4	1,076.0	1,801.9	1,326.0	480.2	339.8	6,490
1918	287.8	277.9	300.7	252.1	216.6	259.1	381.9	961.4	2,261.2	793.2	382.5	283.2	6,660
1919	316.0	259.4	236.1	218.9	210.5	252.3	411.9	897.7	498.6	239.8	197.4	178.5	3,920
1920	201.7	183.3	145.7	156.2	143.2	156.7	229.7	1,143.7	1,475.7	731.7	355.4	274.3	5,200
1921	261.2	239.3	235.6	229.5	200.9	238.6	358.5	1,340.4	1,606.6	597.7	364.6	283.8	5,960
1922	230.6	228.5	235.9	182.1	165.0	186.7	231.6	1,092.0	1,529.3	574.3	379.4	283.8	5,320
1923	210.0	193.3	194.3	202.9	165.9	198.8	285.7	1,082.2	1,219.8	713.3	356.6	245.2	5,070
1924	231.2	194.6	176.2	167.6	183.0	174.1	289.8	873.1	624.8	335.7	198.0	182.1	3,630
1925	232.4	184.5	156.2	177.1	164.9	188.8	515.3	1,420.4	1,273.4	848.5	423.0	332.6	5,920
1926	274.2	225.5	201.7	169.7	161.1	214.0	489.7	848.5	558.1	314.2	253.9	196.4	3,910
1927	213.4	206.5	198.0	196.1	169.9	163.6	299.9	1,094.5	1,951.7	1,033.0	428.6	344.5	6,300
1928	297.6	298.1	256.4	243.5	181.2	219.5	358.8	1,869.2	1,154.4	768.6	361.5	257.7	6,270
1929	249.0	207.1	187.5	178.9	171.6	172.2	226.1	737.9	1,071.1	543.6	294.5	267.2	4,310
1930	221.4	177.3	185.1	156.2	150.5	177.7	456.4	756.3	904.5	477.1	354.2	248.1	4,260
1931	289.0	201.7	176.5	153.7	143.3	166.0	254.7	503.0	548.0	212.1	181.4	160.1	2,990
1932	171.6	157.1	149.4	143.9	133.4	153.7	271.3	1,026.8	1,273.4	645.6	337.0	236.8	4,700
1933	214.0	193.4	174.6	184.5	150.5	156.8	236.8	587.8	1,332.9	439.6	268.1	213.0	4,150
1934	186.3	168.4	153.1	156.8	131.1	175.9	357.6	633.3	335.0	205.4	150.6	127.3	2,780
1935	157.4	146.4	139.0	137.5	118.5	137.1	308.4	722.5	1,231.1	551.6	274.1	188.3	4,112
1936	180.8	166.3	146.4	158.7	146.4	143.4	426.9	1,655.2	1,279.9	489.7	315.4	241.8	5,351
1937	206.4	173.4	168.7	155.1	142.5	147.0	218.4	988.7	805.1	397.8	219.8	189.1	3,812
1938	191.3	172.3	179.5	159.3	139.4	170.8	421.4	1,052.1	1,409.1	684.4	328.0	253.8	5,161
1939	236.7	206.3	192.9	181.1	152.8	194.9	489.3	982.6	734.9	457.3	274.7	217.4	4,321
1940	197.6	157.6	153.7	154.3	150.4	171.9	288.7	827.6	665.3	276.3	191.1	184.9	3,419

Water Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual ¹
1941	181.7	163.2	149.4	147.4	127.7	154.6	248.3	822.7	761.7	376.3	305.6	256.5	3,695
1942	234.5	195.2	199.5	157.8	140.5	147.5	459.5	731.1	1,038.9	549.5	254.9	204.8	4,314
1943	183.2	193.0	186.2	183.9	152.3	166.1	773.6	1,166.1	1,613.2	1,140.0	460.2	289.3	6,512
1944	261.9	228.4	197.3	173.3	163.9	163.7	239.1	594.7	958.0	532.6	257.5	200.8	3,971
1945	190.2	187.1	167.2	156.9	150.3	155.6	207.4	836.9	1,120.9	822.8	391.7	303.1	4,690
1946	250.9	223.6	205.4	179.2	162.6	205.9	760.3	1,135.1	1,068.1	538.3	308.3	262.3	5,300
1947	253.4	212.3	212.2	168.2	156.4	198.2	328.0	1,252.6	1,145.3	682.8	404.7	271.5	5,287
1948	233.9	207.6	187.2	177.9	156.1	159.0	299.8	1,079.1	1,319.9	464.2	276.7	223.1	4,784
1949	210.2	197.7	185.8	159.5	152.3	176.5	454.7	1,239.3	1,101.3	491.8	281.2	230.3	4,881
1950	243.6	208.5	181.4	178.1	167.5	188.2	425.8	976.6	1,682.1	1,071.2	422.6	311.3	6,057
1951	289.5	256.7	228.4	205.2	196.2	200.0	521.0	1,371.8	1,335.0	898.9	523.8	308.9	6,335
1952	288.9	228.1	216.0	204.3	184.1	192.6	497.4	1,460.1	1,265.5	559.6	347.2	250.6	5,694
1953	217.6	183.6	184.3	195.0	158.6	168.7	294.0	615.4	1,370.4	644.8	320.3	230.2	4,583
1954	204.3	188.7	176.2	181.9	154.3	170.8	351.7	1,283.9	1,031.5	760.5	327.1	247.1	5,078
1955	216.9	191.7	167.1	158.8	145.0	162.9	202.0	683.7	1,048.6	499.4	283.9	207.4	3,967
1956	202.8	195.1	242.6	214.3	155.9	186.4	597.6	1,635.0	1,866.2	743.6	377.7	282.2	6,699
1957	246.7	193.9	206.8	185.0	175.0	190.1	269.8	1,100.4	1,525.9	822.9	338.9	258.1	5,518
1958	232.6	193.6	198.7	173.6	166.3	170.8	263.2	1,266.7	877.3	361.2	234.7	203.5	4,342
1959	191.2	198.0	179.2	164.8	155.3	165.8	300.3	680.1	1,335.9	529.3	285.2	229.2	4,414
1960	246.8	189.0	170.8	169.2	154.4	178.7	362.2	696.6	876.0	353.1	239.7	202.1	3,839
1961	214.8	185.4	159.2	145.8	142.7	169.2	248.7	742.3	839.7	278.8	212.0	224.0	3,563
1962	230.9	188.9	183.7	162.5	194.1	176.4	627.8	1,202.6	1,207.9	654.5	331.4	233.9	5,395
1963	229.7	193.4	175.6	156.2	197.0	169.8	231.3	884.9	1,205.9	508.5	261.5	260.4	4,474
1964	214.0	204.8	167.1	164.8	141.7	158.4	260.0	976.4	1,477.5	848.5	332.4	246.4	5,192
1965	216.3	199.5	254.5	225.3	180.6	180.2	487.3	1,117.8	1,791.7	1,064.0	461.8	336.8	6,516
1966	276.4	237.5	202.9	198.7	164.4	189.0	319.2	1,009.0	797.0	359.3	237.5	230.0	4,221
1967	201.9	181.9	166.0	177.3	151.1	173.3	230.7	849.8	1,595.7	866.5	329.1	247.4	5,171

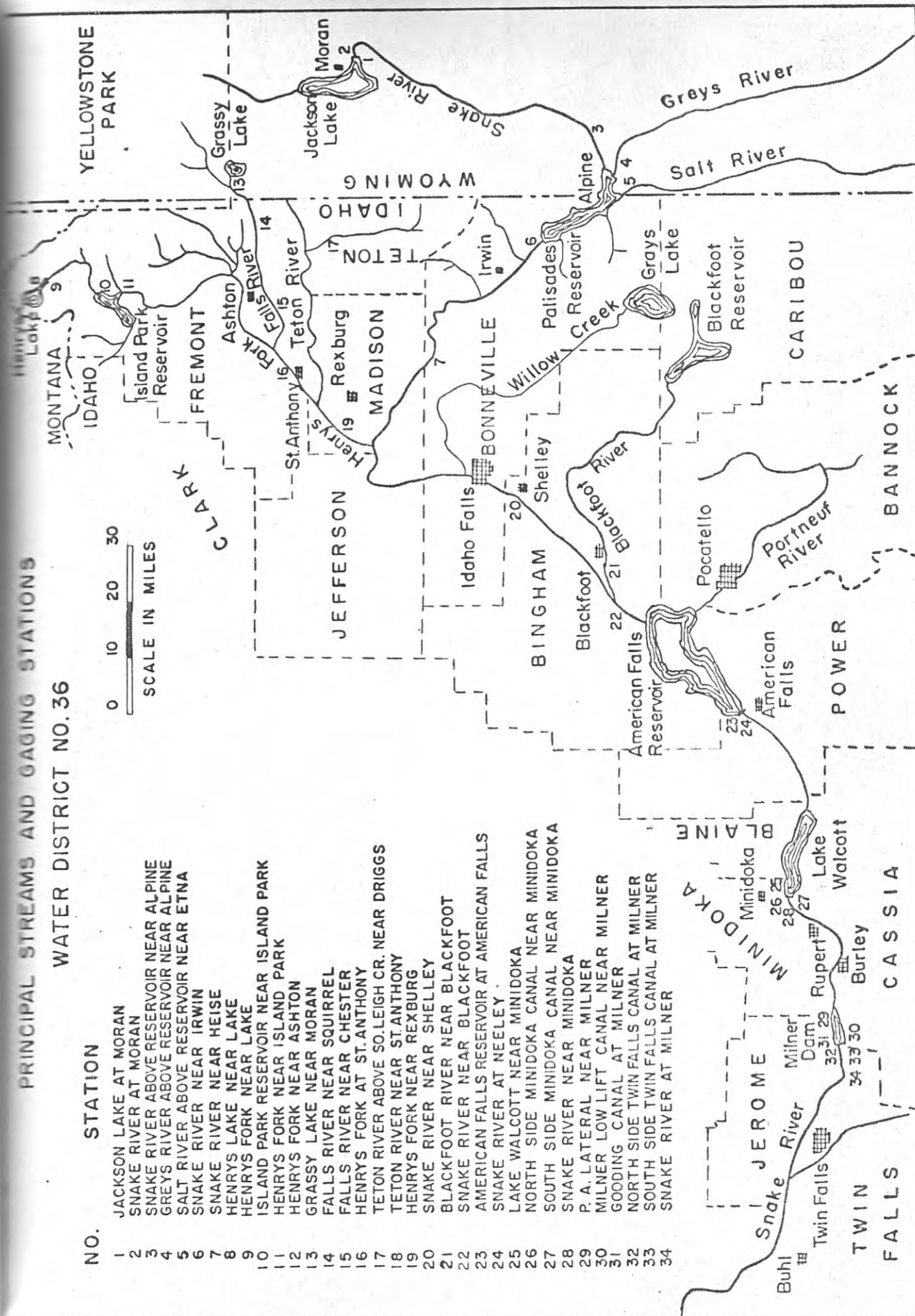
Adjusted for changes in Jackson Lake and Palisades Reservoir contents.

No correction for time of travel.

PRINCIPAL STREAMS AND GAGING STATIONS

WATER DISTRICT NO. 36

- | NO. | STATION |
|-----|---|
| 1 | JACKSON LAKE AT MORAN |
| 2 | SNAKE RIVER AT MORAN |
| 3 | SNAKE RIVER ABOVE RESERVOIR NEAR ALPINE |
| 4 | GREYS RIVER ABOVE RESERVOIR NEAR ALPINE |
| 5 | SALT RIVER ABOVE RESERVOIR NEAR ETNA |
| 6 | SNAKE RIVER NEAR IRWIN |
| 7 | SNAKE RIVER NEAR HEISE |
| 8 | HENRYS LAKE NEAR LAKE |
| 9 | HENRYS FORK NEAR LAKE |
| 10 | ISLAND PARK RESERVOIR NEAR ISLAND PARK |
| 11 | HENRYS FORK NEAR ISLAND PARK |
| 12 | HENRYS FORK NEAR ASHTON |
| 13 | GRASSY LAKE NEAR MORAN |
| 14 | FALLS RIVER NEAR SQUIRREL |
| 15 | FALLS RIVER NEAR CHESTER |
| 16 | HENRYS FORK AT ST. ANTHONY |
| 17 | TETON RIVER ABOVE SO. LEIGH CR. NEAR DRIGGS |
| 18 | TETON RIVER NEAR ST. ANTHONY |
| 19 | HENRYS FORK NEAR REXBURG |
| 20 | SNAKE RIVER NEAR SHELLEY |
| 21 | BLACKFOOT RIVER NEAR BLACKFOOT |
| 22 | SNAKE RIVER NEAR BLACKFOOT |
| 23 | AMERICAN FALLS RESERVOIR AT AMERICAN FALLS |
| 24 | SNAKE RIVER AT NEELEY |
| 25 | LAKE WALCOTT NEAR MINIDOKA |
| 26 | NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA |
| 27 | SOUTH SIDE MINIDOKA CANAL NEAR MINIDOKA |
| 28 | SNAKE RIVER NEAR MINIDOKA |
| 29 | P. A. LATERAL NEAR MILNER |
| 30 | MILNER LOW LIFT CANAL NEAR MILNER |
| 31 | GOODING CANAL AT MILNER |
| 32 | NORTH SIDE TWIN FALLS CANAL AT MILNER |
| 33 | SOUTH SIDE TWIN FALLS CANAL AT MILNER |
| 34 | SNAKE RIVER AT MILNER |

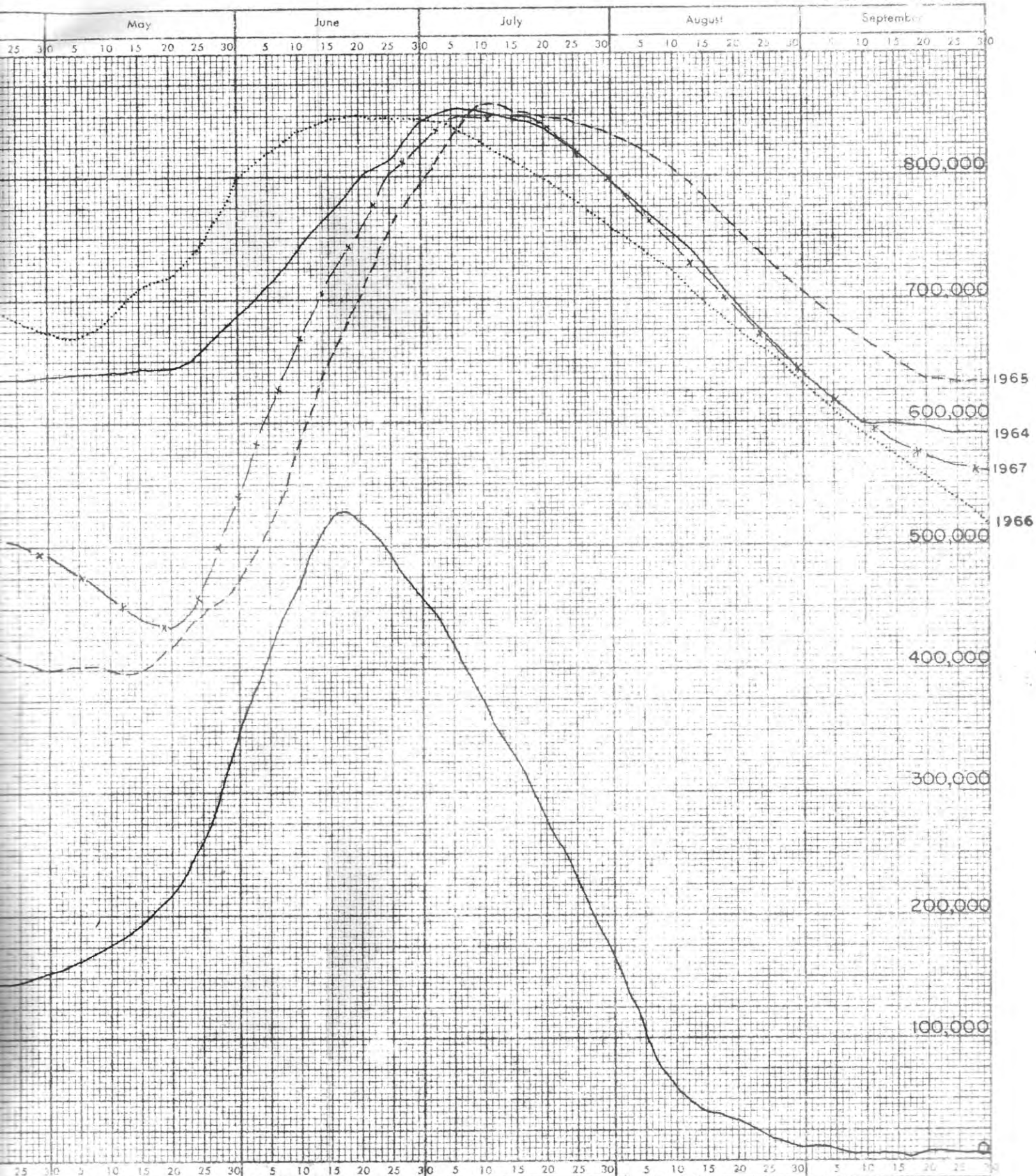


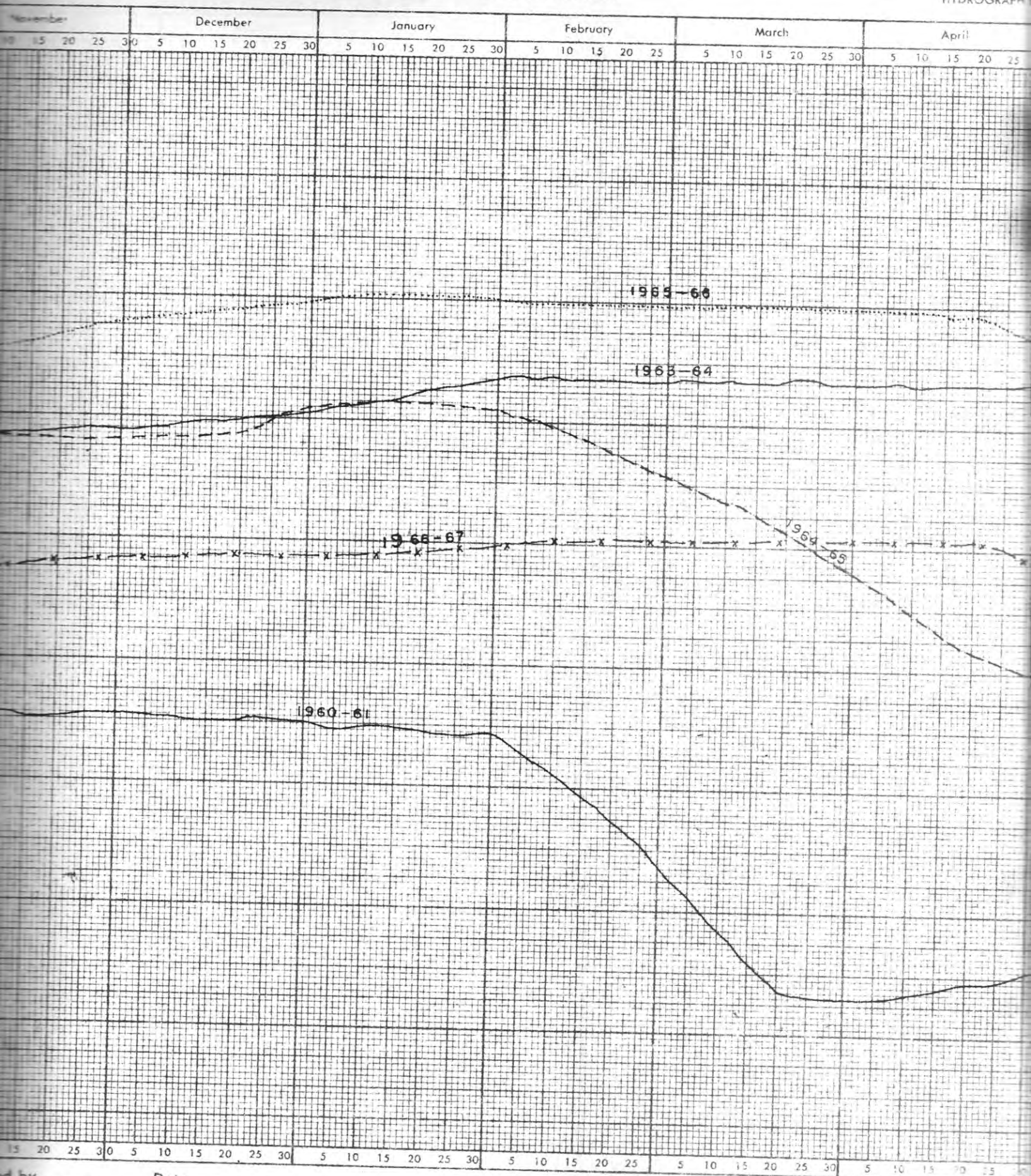
GRAPH FOR

JACKSON LAKE AT MORAN, WYO.

Washington
File No.

PLATE NO. 2

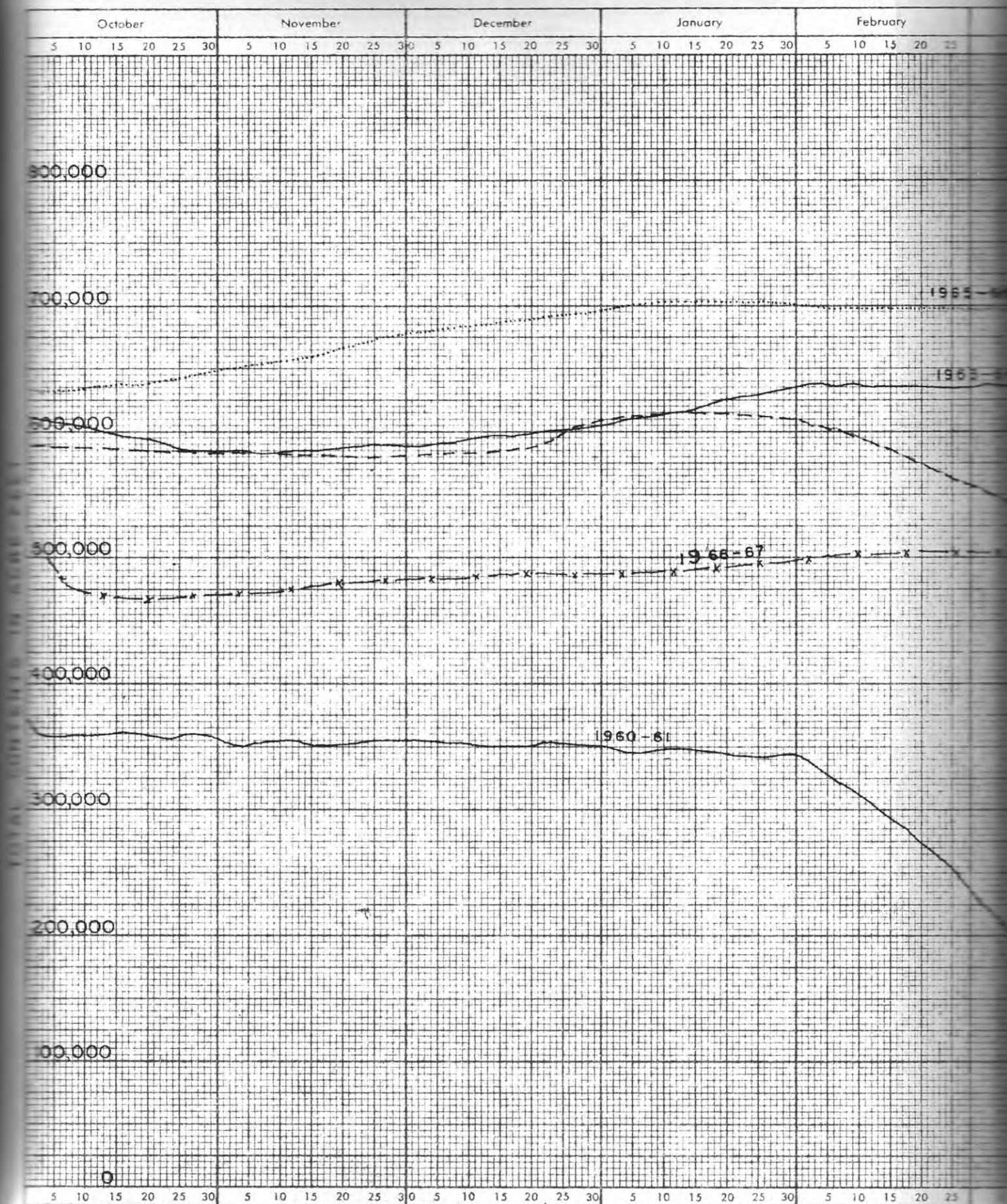




UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

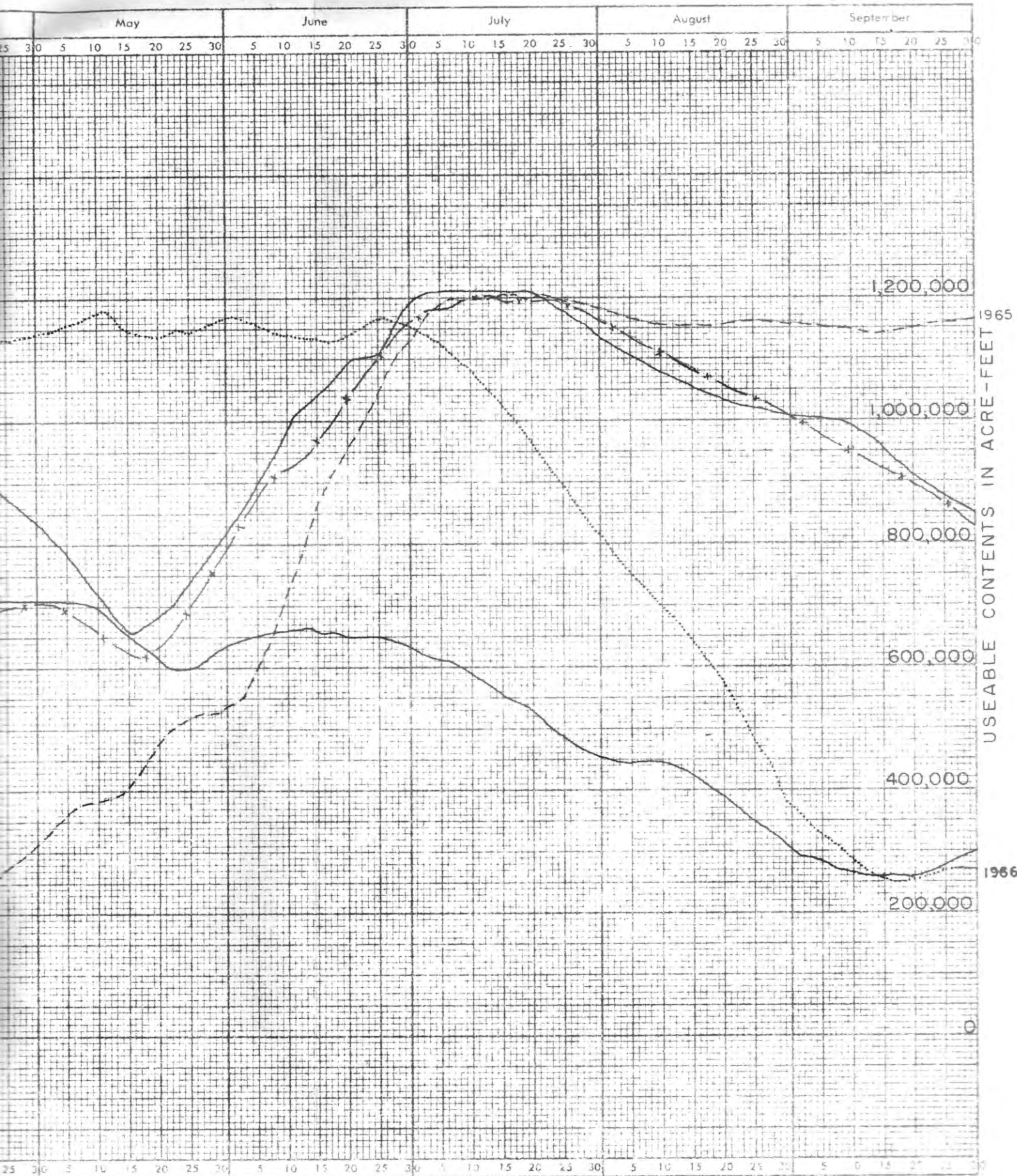
(WATER RESOURCES DIVISION)

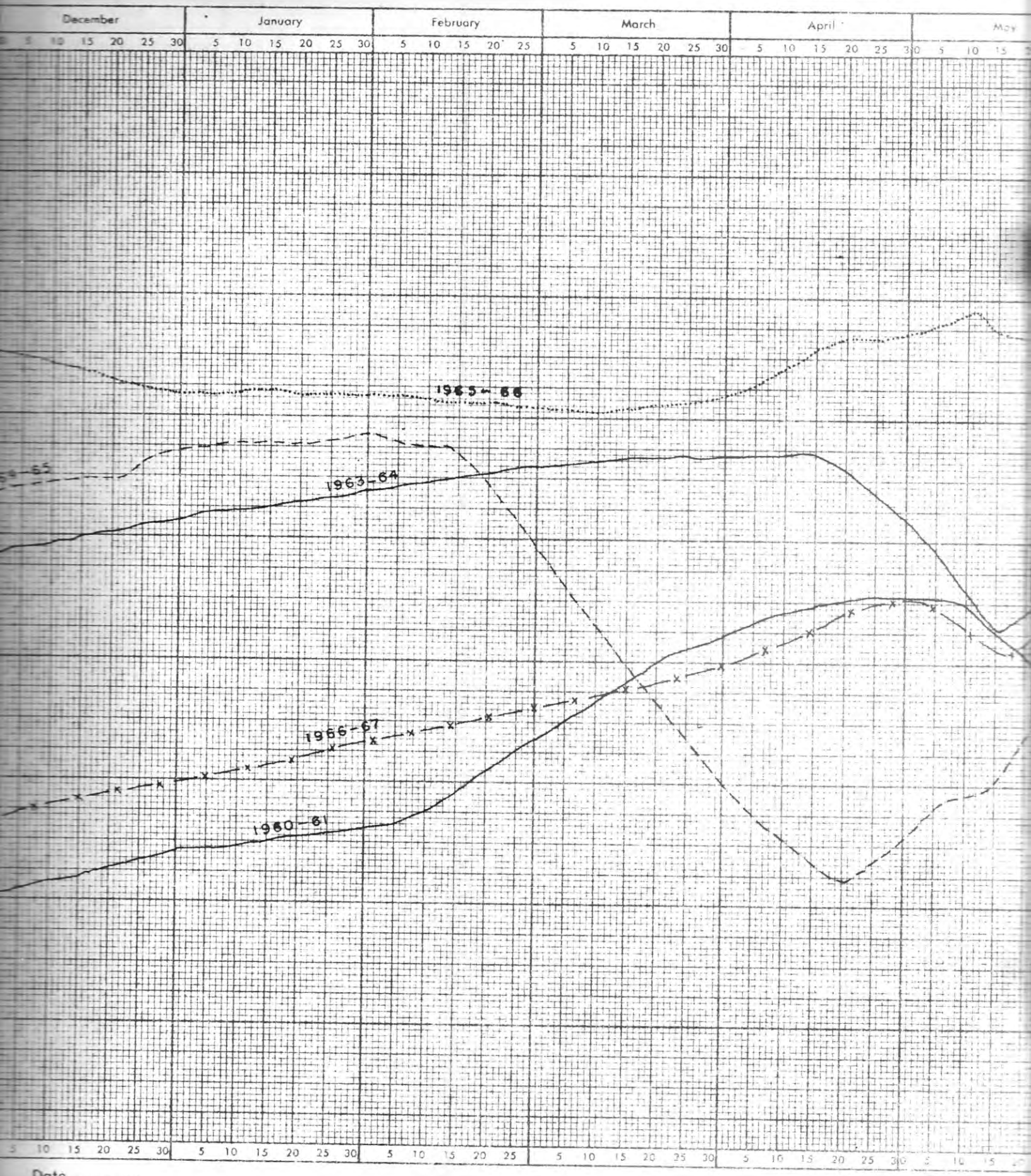


Plotted by _____ Checked by _____ Date _____

PALISADES RESERVOIR NEAR IRWIN, IDAHO

PLATE NO. 2A



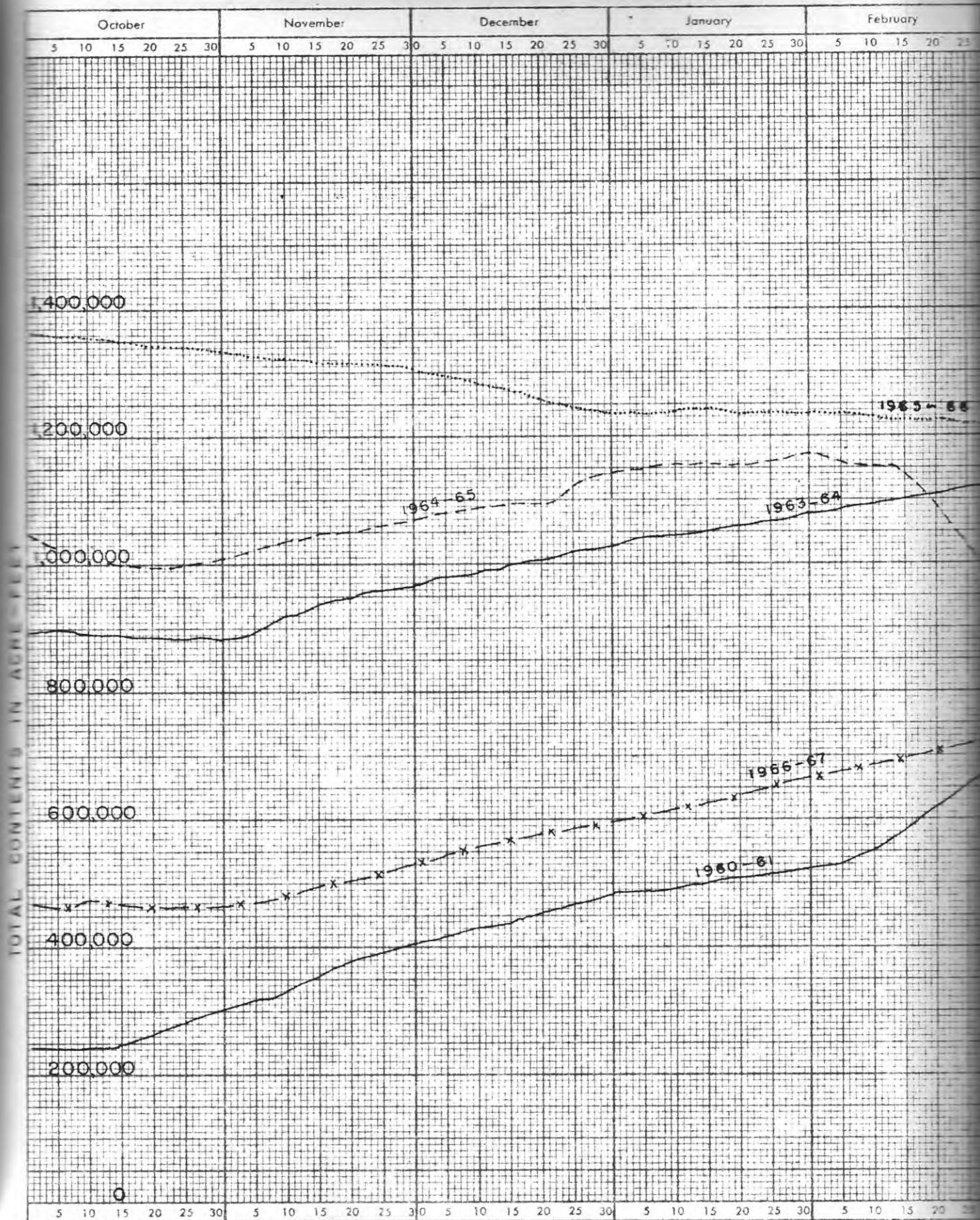


9-279-c Sept. 1916

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

(WATER RESOURCES DIVISION)



Plotted by _____ Checked by _____ Date _____

GRAPH FOR

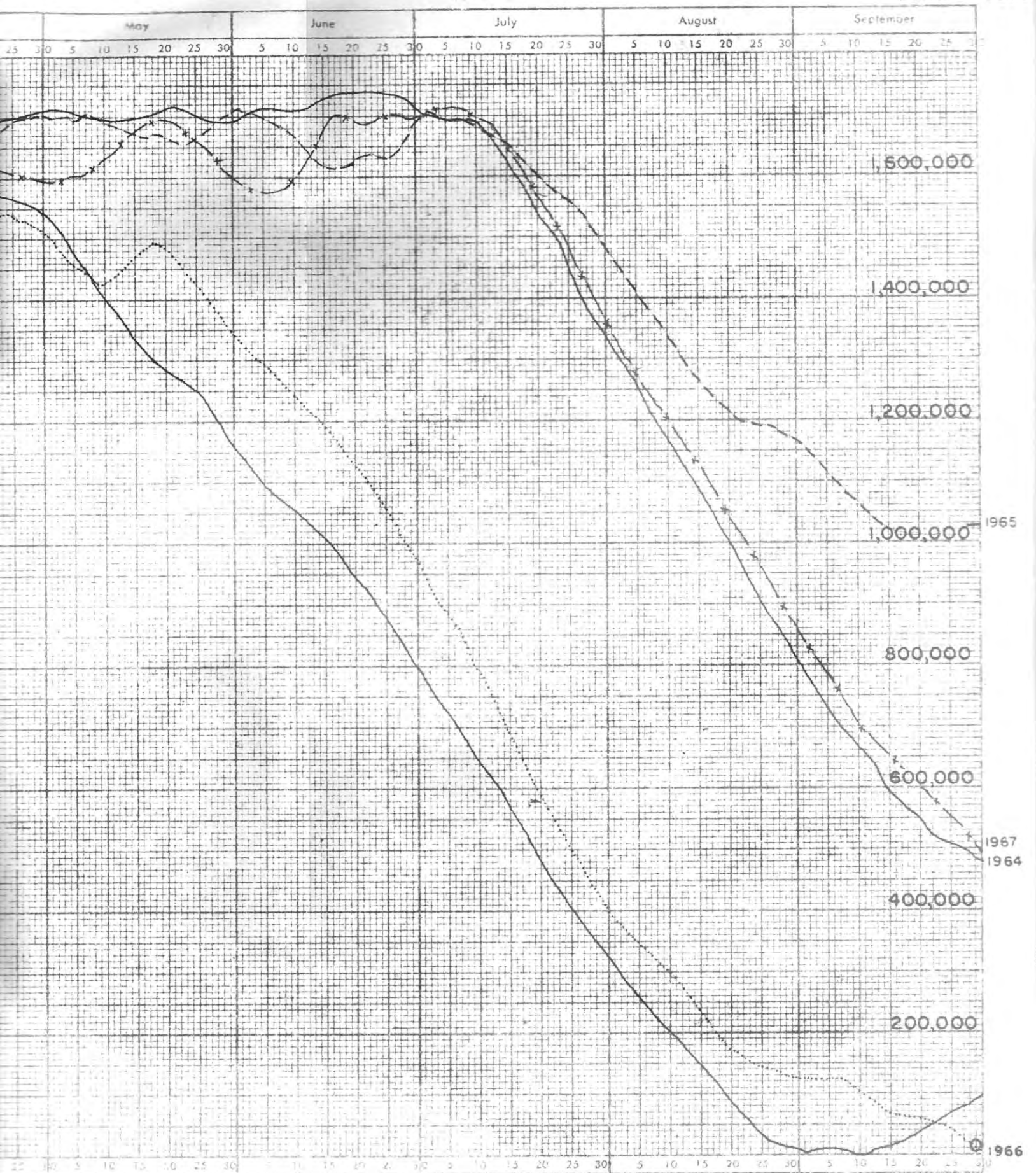
AMERICAN FALLS RESERVOIR

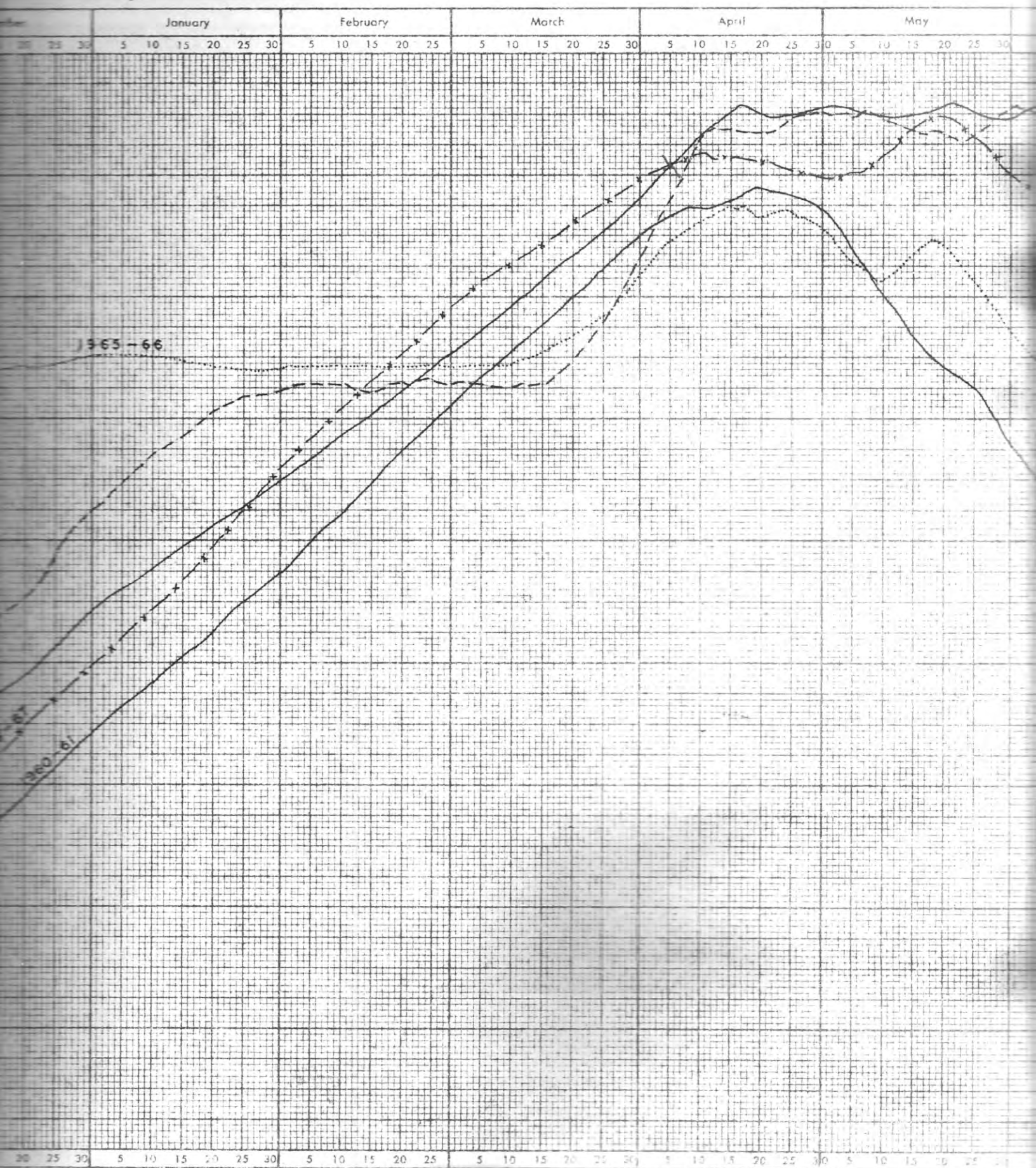
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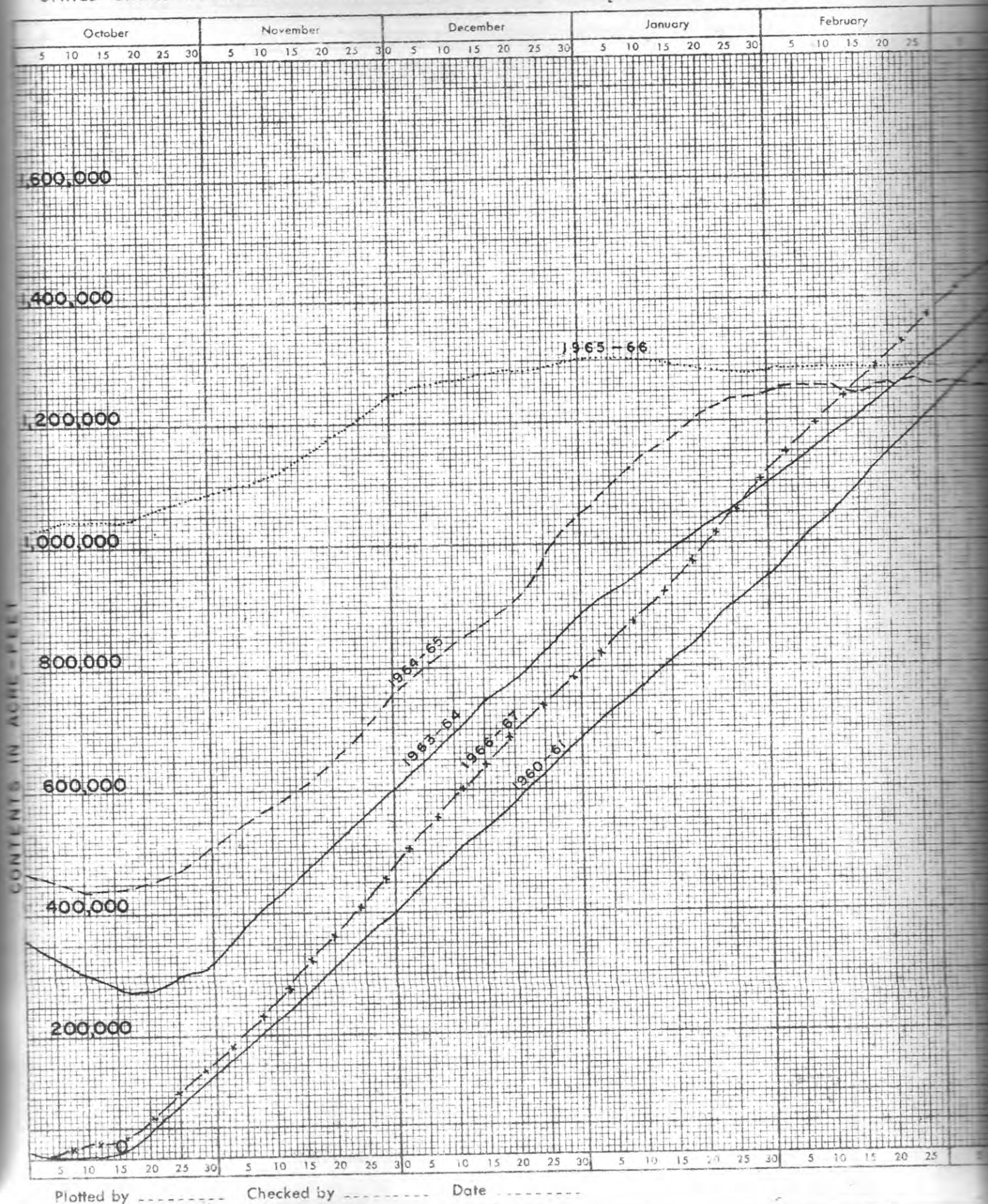
or Catalogue

Title

PLATE NO. 3

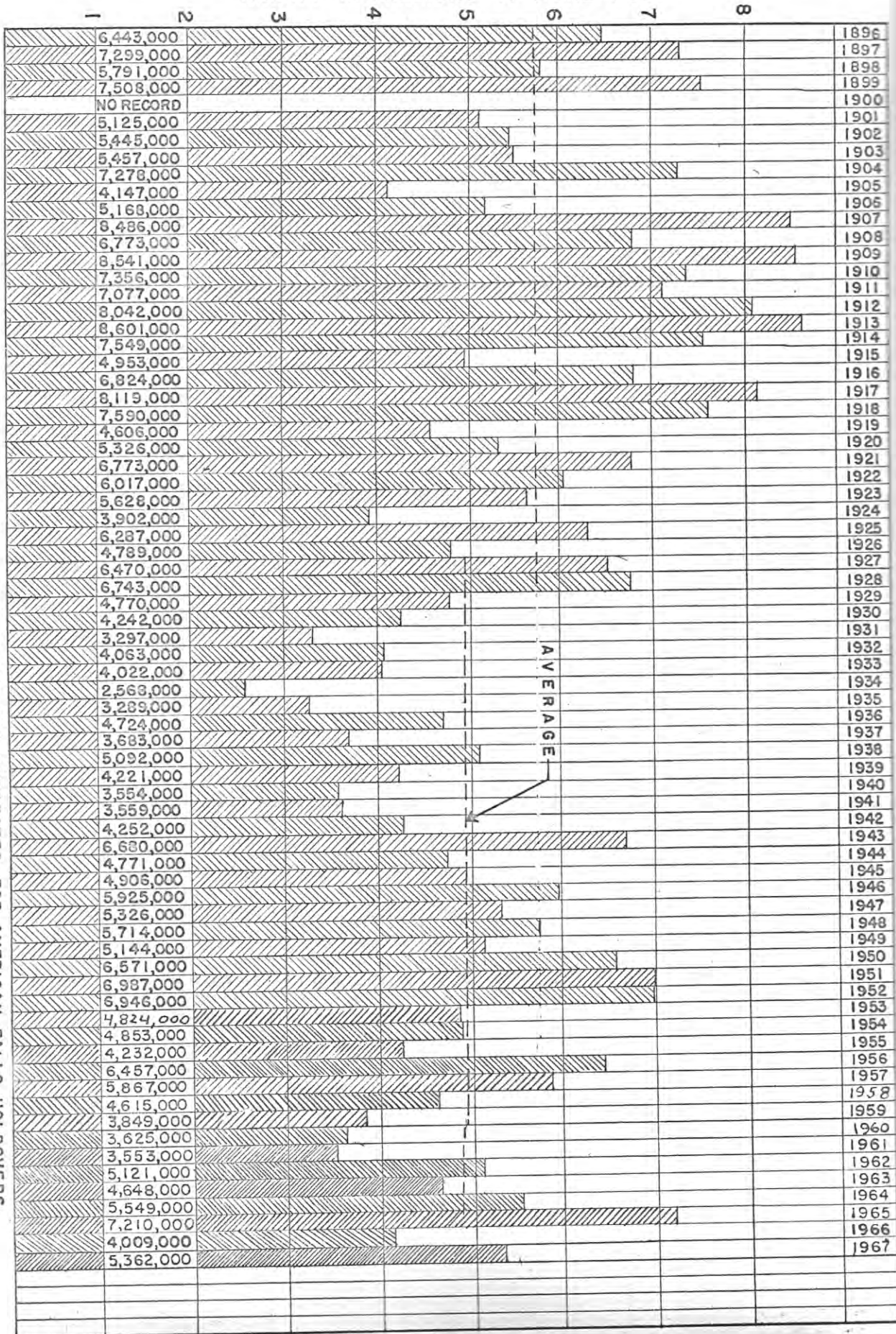






RUNOFF IN MILLIONS OF ACRE-FEET

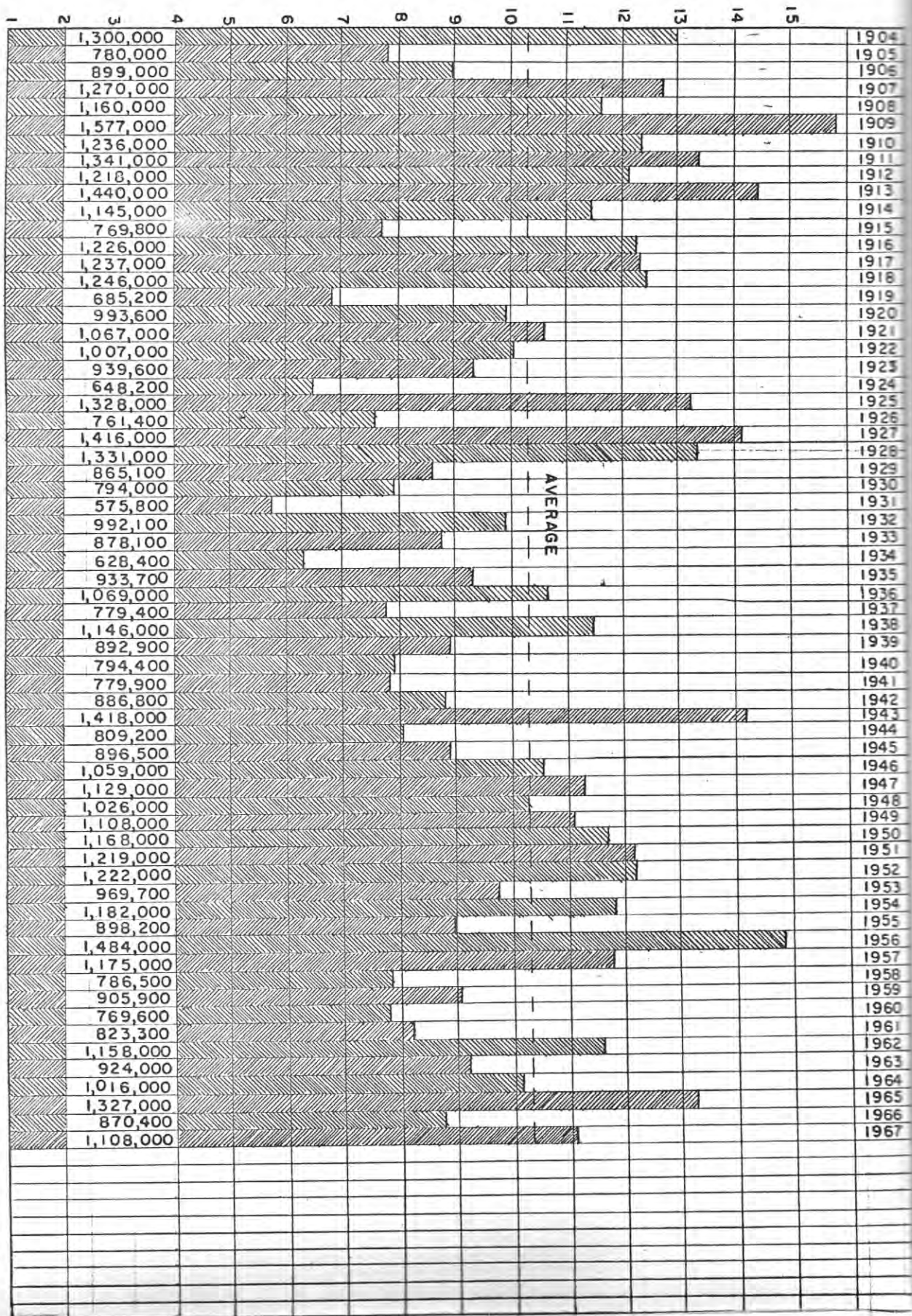
NOTE: RUNOFF TOTALS ARE FOR WATER YEAR ENDING SEPT. 30 AND ARE CORRECTED FOR AMERICAN FALLS HOLDOVERS.
RECORDS AT MONTGOMERY FERRY USED PRIOR TO 1907.



ANNUAL RUNOFF OF SNAKE RIVER AT MELLEY, IDAHO

RUNOFF IN HUNDREDS OF THOUSANDS OF ACRE-FEET

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



DAILY DISCHARGE IN CUBIC FEET OF SEVERAL SMALL STREAMS DRAINING INTO THE MISSISSIPPI RIVER AT THE FALLS OF THE GREAT RAPIDS

RILEY	25	26	27	28	60	54	47	41	33	26	20	30	40	50	48	46	44	74	105	126	146	167	255	274	416	409	408	407	406	406	4,653	
ANDERSON	20	20	20	20	30	30	30	30	40	40	40	40	40	50	60	70	80	90	100	110	120	130	211	273	392	507	470	433	395	554	511	4,956
EAGLE ROCK	20	25	30	35	40	45	50	55	57	58	59	62	66	69	72	76	86	96	120	252	284	401	462	471	480	490	499	485	470	455	440	6,410
FARMERS FRIEND																																2,774
ENTERPRISE																																0
NELSON																																55
MATSON-CRAIG																																0
ARNBERGER																																0
BUTLER ISLAND																																1,142
ROSS & RAND																																0
STEELE						2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2,10
HARRISON	80	82	84	86	88	90	92	94	97	100	129	120	124	128	132	152	173	180	254	327	343	640	671	706	706	706	706	706	706	706	9,752	
CHENEY																																96
BOOMER																																2,465
RUDY	10	12	14	15	16	17	18	17	16	14	13	20	20	20	20	20	27	38	46	53	63	71	76	81	85	90	95	78	67	59	62	1,253
KITE & NORD																																68
BURGESS	216	156	185	216	221	238	255	282	370	397	401	348	338	329	363	397	477	505	538	673	775	894	951	968	996	987	987	987	977	968	17,391	
CLARK & EDWARDS																																942
LOWDER & JENNINGS																																437
EAST LABELLE																																1,535
SUNNYDELL																																437
LENROOT																																1,535
REID	40	45	50	55	60	65	69	71	58	60	63	62	61	60	64	68	71	75	97	104	116	120	125	145	154	162	171	173	168	164	160	2,950
TEXAS FEEDER																																4,251
NELSON COREY	170	180	190	200	210	220	230	240	250	260	262	264	267	269	272	275	278	282	283	252	254	248	301	294	295	276	259	254	254	314	310	7,910
HILL PETTINGER																																0
RIGBY																																2,966
ISLAND																																1,606
DILTS																																311
WEST LABELLE & LONG ISLAND																																6,372
PARKS & LEWISVILLE																																5,157
NORTH RIGBY																																874
WHITE																																0
ELLIS																																0
BRAMWELL																																0
BUTE & MARKET LAKE																																2,620
OSGOOD																																150
BEAR ISLAND & SMITH																																32
KENNEDY																																69
IDAH0																																12,344
GREAT WESTERN	33	33	33	33	31	29	28	28	29	100	128	95	54	54	102	128	131	119	113	134	179	228	236	277	299	367	423	428	471	499	495	5,331
PORTER	75	75	75	95	75	75	82	82	82	70	70	72	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	4,231	
COY & KELLER																																0
WOODVILLE																																1,566
SNAKE RIVER VALLEY																																11,019
TOTAL HEISE TO SHELLEY	689	654	708	894	1202	1271	1279	1444	1481	1505	1520	1551	1544	1720	1916	2105	2745	3005	3601	4279	4873	6069	7181	8229	8724	9115	9289	9218	9333	9531	9296	125,907
RESERVATION	226	142	260	341	316	276	229	200	145	41	0	0	0	85	181	261	255	254	253	250	241	408	545	545	537	563	555	550	561	571	574	9,371
BLACKFOOT	100	100	105	105	110	110	115	115	120	121	130	138	146	154	162	168	174	179	206	223	260	287	378	458	530	530	534	538	528	570	572	1,866
NEW LAVA SIDE																																2,515
PEOPLES	398	341	98	88	221	410	416	481	524	530	521	518	515	499	439	519	609	634	596	764	905	1080	1180	1320	1430	1480	1480	1478	1500	1490	23,081	
ABERDEEN	56	56	58	58	58	58	58	59	59	58	59	59	58	61	61	67	89	138	139	138	138	138	138	138	138	138	138	138	138	138	138	3,862
CORBETT																																2,23
NIELSEN-HANSEN																																2,632
RIVERSIDE	90	90	100	100	110	120	120	120	122	122	136	150	164	178	192	206	220	233	233	233	233	233	233	233	233	233	233	233	233	233	233	5,825
DANSKIN																																671
TREGO																																830
WEAVERICK																																2,326
WATSON																																870
PARSONS																																67,523
TOTAL SHELLEY TO BLACKFOOT	870	729	621	692	815	976	1048	1165	1166	1019	1088	1165	1160	1272	1407	1559	1723	1929	2100	2143	2276	3001	3569	3832	4144	4313	4348	4354	4382	4340	4728	67,523

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	30	25	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	566
ANDERSON	405	404	404	355	306	267	238	219	210	195	180	164	163	134	152	170	192	215	212	415	408	401	394	409	424	439	349	299	276	294	8,713
EAGLE ROCK	327	352	376	400	371	352	323	284	215	266	257	248	239	244	250	226	261	346	273	232	323	342	332	323	342	332	323	342	332	323	9,123
FARMERS FRIEND	453	380	334	334	334	316	297	308	320	331	331	330	330	330	257	252	248	303	358	446	448	450	451	387	374	361	348	334	258	261	10,236
ENTERPRISE	153	136	179	178	176	175	173	172	170	169	165	162	158	154	150	155	160	165	170	176	181	186	176	178	174	170	166	163	160	156	5,006
NELSON	12	15	15	15	15	10	10	10	8	8	8	7	6	5	3	3	3	3	3	3	10	11	12	12	13	13	14	14	15	288	
MATSON-CRAIG	54	54	52	50	48	46	44	42	40	38	36	34	33	32	34	36	38	40	42	44	45	46	47	48	49	50	50	51	52	53	206
ARNESBERGER										0	2	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1,328
BUTLER ISLAND																															93
ROSS & RAND																															206
STEELE	537	462	406	350	416	368	320	273	275	271	279	281	283	306	330	352	374	413	476	736	736	736	736	736	736	736	736	736	736	736	14,100
HARRISON	6	6	6	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	211
CHENEY	190	179	166	139	148	136	124	140	148	151	164	157	141	125	109	124	142	156	168	232	210	224	198	186	183	221	200	180	160	139	4,920
BOOMER	64	68	71	74	76	72	68	64	70	76	83	87	68	50	32	46	40	40	49	63	70	80	74	86	93	75	61	47	52	56	1,955
RUDY	4	4	3	3	3	2	2	0																							126
KITE & NORD	949	854	854	885	881	867	863	863	863	854	850	776	709	700	691	700	771	881	991	1020	1000	1000	1000	1000	996	996	977	890	913	26,413	
BURGESS	76	59	65	65	72	61	85	83	93	88	87	84	87	84	78	78	79	79	86	94	91	91	89	88	87	84	86	82	67	2,452	
CLARK & EDWARDS	71	73	74	76	70	64	58	54	46	38	37	36	36	36	35	35	35	36	46	60	64	63	63	63	63	68	78	74	71	68	1,664
LOWDER & JENNINGS	168	170	171	173	174	154	136	134	132	130	128	126	126	126	126	126	126	126	138	152	152	151	150	149	148	148	147	146	145	144	4,322
EAST LABELLE	145	146	147	147	147	147	147	147	147	147	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	148	4,387
SUNNYDELL	140	130	120	109	112	120	150	151	144	138	131	142	152	138	116	155	153	153	108	109	155	201	200	198	197	160	160	157	155	152	4,445
LENROOT	227	187	176	176	225	186	187	128	116	108	104	133	148	108	116	155	140	140	168	254	267	276	272	254	255	274	255	157	203	210	5,592
TEXAS FEEDER	296	320	307	295	278	318	324	319	319	327	341	344	314	332	334	332	328	307	298	300	298	286	301	332	332	331	333	314	332	351	9,545
NELSON COREY	2	4	6	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	182
HILL PETTINGER	191	187	184	180	176	177	178	163	158	152	151	139	124	118	113	131	166	189	212	229	246	254	262	264	265	258	256	254	246	5,775	
RIGBY	183	194	205	202	198	182	183	188	184	181	175	169	164	158	153	160	166	172	179	182	184	184	183	178	174	197	174	172	169	168	5,731
ISLAND	26	22	22	22	22	22	22	21	20	19	19	18	18	18	19	21	27	28	32	33	34	34	34	34	34	34	34	34	34	34	7,777
DILLS	588	556	600	582	571	588	606	612	588	591	591	597	554	554	568	588	582	582	588	577	592	606	606	600	585	618	606	606	588	17,692	
WEST LABELLE & LONG ISLAND	375	348	312	312	312	294	301	249	249	249	240	238	238	310	316	338	328	364	401	417	420	418	366	366	403	397	312	312	312	9,736	
PARKS & LEWISVILLE	58	58	58	58	57	57	57	58	58	59	52	46	46	45	44	44	43	42	49	62	66	71	70	69	68	68	79	68	96	1,694	
NORTH RIGBY																														52	
WHITE																														65	
ELLIS	3	3	4	5	5	5	5	5	4	2	0																			197	
BRAMWELL	4	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	8,350
BUTTE & MARKET LAKE	328	292	282	272	272	289	292	269	275	286	278	269	274	276	277	262	261	254	247	248	250	247	270	292	299	304	298	292	294	304	280
OSGOOD	20	13	0	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	138	
BEAR ISLAND & SMITH	15	20	25	30	30	30	31	31	31	30	30	30	30	0	18	37	37	38	38	39	40	41	42	43	43	43	42	40	861		
KENNEDY	972	898	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	749	20,709	
IDAHO	491	492	494	481	467	465	467	471	470	460	459	441	431	433	441	427	406	406	414	430	441	441	452	457	457	455	449	441	431	435	13,505
GREAT WESTERN	331	316	316	316	320	316	320	306	316	316	320	281	284	239	235	230	230	230	246	244	230	250	255	263	250	253	253	253	253	8,228	
PORTER																														0	
COY & KELLER	109	111	102	105	106	106	109	108	106	97	100	93	93	98	93	91	92	86	92	96	94	101	99	81	80	77	79	82	79	2,857	
WOODVILLE	835	751	665	665	669	647	625	617	623	607	582	496	481	494	486	462	478	472	489	526	556	553	549	539	543	524	557	594	585	600	17,435
SNAKE RIVER VALLEY	884	826	798	781	785	767	752	719	691	719	691	616	648	633	633	629	634	678	739	848	864	870	858	843	861	842	842	842	842	22,976	
TOTAL HEISE TO SHELLEY	574	428	352	374	323	331	274	214	212	158	119	116	114	113	112	110	110	110	238	248	112	58	58	248	266	279	276	249	581	6,565	
RESERVATION	496	451	406	358	370	361	352	344	350	315	298	284	270	256	242	228	214	200	186	172	183	194	205	216	280	343	326	308	335	354	8,907
BLACKFOOT	189	188	183	185	183	171	172	172	172	151	141	136	138	113	0			0	28	110	107	106	105	109	108	110	106	119	132	120	3,549
NEW LAVA SIDE	559	562	554	559	554	516	497	502	475	430	368	364	368	345	0			66	399	398	398	403	406	410	410	483	521	526	11,471		
PEOPLES	1480	1460	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	29,879	
ABERDEEN	223	178	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	4,895	
CORRETT	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	279	
NIELSEN-HANSEN	157	131	118	106	93	99	105	111	117	117	118	119	120	120	122	123	124	138	152	122	123	120	118	116	114	112	110	108	105	106	3,544

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																														
	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
RILEY	15	15	15	14	14	14	14	18	20	22	24	24	24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
ANDERSON	305316	327	389	393	390	386	342	344	345	412	454	472	490	499	508	517	500	497	495	478	480	480	501	510	528	513	504	504	504	504	504
EAGLE ROCK	401454	360	319	313	403	461	504	466	464	731	729	718	708	710	712	713	706	708	708	636	630	560	562	729	740	746	753	748	748	748	748
FARMERS FRIEND	244267	270	272	275	295	297	449	466	476	484	520	521	520	518	516	467	487	478	478	413	408	412	387	401	415	493	494	502	504	500	500
ENTERPRISE	153	150	147	147	147	146	144	166	184	201	196	190	205	220	217	215	212	180	159	155	152	152	156	184	185	186	208	208	208	208	208
NELSON	16	17	18	17	17	17	17	18	20	21	20	18	20	22	21	19	18	18	12	11	10	10	9	15	14	23	25	24	23	25	25
MATSON-CRAIG	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ARNBERGER	54	55	54	53	52	53	54	55	57	58	62	66	60	55	55	55	53	51	46	46	46	43	43	44	44	49	52	47	47	47	47
BUTLER ISLAND	13	13	13	6	0	7	14	14	14	14	15	16	8	0	5	10	15	0	11	5	7	6	0	0	11	13	13	12	10	10	10
ROSS & RAND	357	400	443	412	382	380	379	424	448	512	564	616	622	727	734	740	746	652	452	448	622	679	679	688	688	751	757	751	739	742	742
STEELE	4	4	4	4	4	4	4	5	5	6	8	8	7	8	8	9	10	8	8	7	7	7	7	7	7	7	7	7	7	7	7
HARRISON	128	116	121	156	140	152	140	156	173	190	194	199	222	247	203	119	245	154	162	162	152	162	210	247	243	205	723	196	229	194	210
CHENEY	60	65	75	68	64	74	82	94	86	84	88	93	85	88	90	91	93	77	80	78	77	75	74	72	77	83	85	81	93	86	75
BOOMER	11	11	11	11	12	12	13	8	4	0	0	10	14	13	13	12	13	12	13	12	12	11	11	11	10	8	7	7	7	7	7
RUDY	918	872	918	916	913	913	941	936	945	944	396	1030	1030	1030	1060	1030	1010	1010	1010	1010	1020	1020	1040	1050	1070	1070	1070	58	58	58	58
BURGESS	67	72	78	74	85	93	93	93	98	98	92	101	100	100	98	99	102	78	81	80	77	75	77	78	79	83	81	80	91	84	81
CLARK & EDWARDS	65	61	57	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
LOWDER & JENNINGS	150	157	155	152	148	154	120	132	144	157	182	208	190	172	162	152	145	137	123	114	109	108	102	134	144	140	136	145	149	128	4,472
EAST LABELLE	142	119	114	136	157	140	122	132	142	152	164	177	180	182	177	172	165	142	0	0	164	162	165	164	186	187	187	193	197	197	4,986
SUNNYDELL	148	146	148	143	138	148	150	151	151	152	170	188	197	206	207	209	210	128	91	106	167	150	169	170	154	187	139	170	164	173	156
LENRHOOT	215	212	130	198	184	212	195	160	192	205	218	235	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245
REID	346	351	322	319	380	385	388	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318	318
TEXAS FEEDER	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
NELSON CORRY	239	239	239	223	204	192	186	198	210	222	221	266	282	271	287	237	217	206	183	178	194	226	220	232	220	236	207	191	21	23	6,897
HILL PETTINGER	164	166	166	166	174	166	174	166	174	166	174	166	174	166	174	166	174	166	174	166	174	166	174	166	174	166	174	166	174	166	174
RIGBY	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
ISLAND	585	591	591	580	582	582	570	571	573	573	568	571	580	562	591	603	577	565	558	559	571	565	571	571	565	571	565	571	565	571	565
DILTS	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276
WEST LABELLE BLOW ISLAND	47	51	55	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
PARKS & LEWISVILLE	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	0	0	0
NORTH RIGBY	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
WHITE	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
ELLIS	301	313	325	325	301	253	274	284	294	307	307	355	375	383	360	367	373	309	315	326	330	345	360	355	363	365	371	386	397	395	394
BRAMWELL	12	0	6	39	61	74	10	4	66	71	77	6	8	9	6	4	5	4	9	4	5	6	4	4	1	2	4	8	5	5	1,643
BUTE & MARKET LAKE	38	37	35	46	57	56	56	55	53	52	56	61	62	64	59	54	49	47	45	56	57	48	46	43	46	50	52	55	54	52	51
OSGOOD	434	441	435	407	403	436	435	430	439	492	502	559	597	588	571	578	605	598	588	592	585	590	593	593	581	585	580	576	580	575	1,581
BEAR ISLAND & SMITH	216	216	224	257	253	253	257	255	295	345	354	352	346	337	321	323	329	321	340	331	328	322	333	329	327	320	321	327	329	328	327
KENNEDY	81	80	77	77	79	86	85	86	87	104	113	108	104	114	115	112	123	115	115	0	0	0	0	0	0	0	0	0	0	0	0
IDAHO	655	621	697	719	713	693	705	693	691	818	912	950	935	375	218	218	714	922	925	928	922	915	885	848	838	880	882	830	832	823	781
GREAT WESTERN	7561	7732	7852	8800	8064	8286	8364	8528	8588	9381	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694	9694
PORTR	404	369	444	311	363	366	416	444	531	542	539	542	539	498	478	486	493	498	498	493	493	511	493	436	474	499	499	504	512	548	512
COY & KELLER	332	342	351	340	390	342	354	355	356	356	346	412	448	426	390	354	350	358	370	450	444	436	434	431	413	413	415	418	422	347	14,109
WOODVILLE	141	149	166	164	157	165	172	168	158	164	165	173	168	166	186	194	191	206	197	195	179	0	0	142	154	185	188	208	211	182	12,071
SNAKE RIVER VALLEY	489	468	446	442	437	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	511	5,074
TOTAL HEISE TO SHELLEY	1220	1280	1400	1300	1330	1370	1410	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600
RESERVATION	10	14	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
BLACKFOOT	108	108	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
NEW LAVA SIDE	184	188	192	194	195	198	200	202	202	202	202	202	20																		

[illegible]

DAILY
F CANAL

NAME OF CANAL																														TOTAL		
RILEY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL	
ANDERSON	24	25	25	25	6	23	23	20	21	22	14	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10,891	
EAGLE ROCK	389	389	391	391	389	392	392	391	392	394	391	388	368	344	342	344	343	342	340	342	339	339	340	341	342	351	350	348	344	345	16,963	
FARMERS FRIEND	559	559	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	10,824	
ENTERPRISE	332	332	337	336	366	366	359	385	382	382	383	380	382	315	363	363	360	360	361	360	361	358	358	368	354	341	342	342	340	356	358	8,836
NELSON	128	129	135	156	156	149	148	147	149	149	148	149	153	140	140	137	148	158	157	162	156	157	175	0	86	108	107	109	0	0	0	
MATSON-CRAIG	6	6	6	6	10	15	15	15	14	8	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	247	
ARNESBERGER	2	2	2	2	0	2	2	2	0	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	30	
BULLER ISLAND	47	47	43	43	43	46	47	46	46	41	41	40	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	1,206	
ROSS & RAND	4	4	3	3	4	0	5	5	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	41	
STEELE	6	7	9	9	8	10	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	180	
HARRISON	421	421	409	408	605	557	586	583	545	548	540	543	493	488	491	448	458	468	493	548	583	583	501	492	465	436	486	486	488	488	15,187	
CHENEY	12	12	10	9	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	215	
BOOMER	160	172	154	154	159	196	194	190	190	192	203	223	238	212	168	190	186	183	182	150	166	164	121	140	159	160	160	148	148	114	5,196	
RUDY	48	38	35	34	53	79	79	101	111	114	104	103	86	28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1,639	
KITE & NORD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	157	
BURGESS	895	886	812	895	890	904	922	918	913	913	859	859	841	845	845	850	859	863	850	867	859	797	832	866	876	867	872	872	845	845	26,092	
CLARK & EDWARDS	72	71	70	78	70	70	70	69	70	70	70	70	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	1,974	
LOWDER & JENNINGS	30	30	28	28	36	46	39	39	40	40	40	40	40	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	1,122	
EAST LABELLE	108	108	95	94	88	99	98	98	98	98	98	99	102	99	99	103	102	100	99	85	94	95	67	82	97	96	137	137	137	140	3,053	
SUNNYDELL	118	141	146	145	143	158	139	136	150	149	150	142	130	128	125	126	127	124	128	119	129	139	136	132	138	136	141	139	137	137	4,071	
LENROOT	128	128	135	135	124	123	124	132	132	138	163	164	142	135	132	131	126	122	124	128	119	129	139	136	132	138	136	141	139	137	3,911	
REID	148	204	182	176	171	150	182	182	154	154	154	154	126	126	146	146	142	138	135	143	143	148	140	140	140	140	143	146	135	135	4,527	
TEXAS FEEDER	290	282	286	301	295	278	280	271	274	280	280	270	248	233	231	244	247	246	218	236	227	248	244	241	256	253	253	244	244	244	7,854	
NELSON COREY	7	7	8	8	9	8	9	8	5	5	0	0	5	14	11	10	14	18	17	20	14	13	21	28	13	9	10	9	10	0	294	
HILL PETTINGER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	114	
RIGBY	162	0	161	164	165	165	165	161	161	160	160	160	160	163	152	150	148	153	165	189	192	0	0	156	156	183	170	168	131	131	4,060	
ISLAND	190	159	146	146	138	145	151	146	146	143	143	143	149	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	4,381	
DILLS	31	31	25	28	25	25	26	26	26	27	27	27	27	26	26	26	27	27	26	22	21	22	21	22	24	24	22	22	22	26	711	
WEST LABELLE & LONG ISLAND	419	419	454	441	457	487	410	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485	14,056	
PARKS & LEWISVILLE	312	324	242	290	292	293	310	297	299	274	281	277	277	249	249	282	251	250	250	247	319	326	0	0	258	315	304	305	302	315	7,974	
NORTH RIGBY	50	52	46	49	38	50	52	54	52	55	54	52	52	50	50	50	50	50	49	0	57	67	0	0	38	46	36	44	44	53	1,341	
WHITE	0	2	4	4	1	5	3	2	3	3	3	2	2	2	3	3	3	3	2	0	1	1	1	1	1	1	1	1	1	1	49	
BRAMWELL	12	12	12	12	10	9	7	11	12	13	14	14	14	14	15	15	16	16	8	0	5	10	12	14	15	10	4	5	6	6	323	
BUTTE & MARKET LAKE	206	206	206	206	200	194	205	203	206	205	204	204	206	198	189	193	197	201	214	228	250	251	262	261	250	270	282	286	181	170	6,534	
OSGOOD	66	44	4	50	64	66	66	64	43	4	57	60	50	47	41	33	4	45	50	53	54	54	54	54	54	54	54	54	54	54	1,376	
GEAR ISLAND & SMITH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	101	
KENNEDY	36	39	42	45	48	49	50	50	50	49	48	50	53	52	52	38	24	9	19	28	24	18	14	10	5	12	18	19	20	18	989	
IDAHO	1060	1060	1020	1020	1020	1030	1020	1060	1050	1070	1070	1070	1080	915	881	811	778	811	811	768	775	854	874	942	908	928	928	935	915	915	27,800	
GREAT WESTERN	484	483	483	476	479	508	519	518	515	519	519	513	495	481	439	451	479	476	473	473	476	476	454	425	423	423	423	423	423	423	14,090	
PORTER	270	269	267	266	264	270	275	276	277	279	280	282	285	246	237	236	234	233	232	232	226	221	216	212	207	187	190	192	194	190	7,201	
COY & KELLER	19	86	55	55	55	56	72	73	74	75	76	76	84	65	72	72	67	73	72	72	74	71	82	91	81	83	83	83	83	83	2,252	
WOODVILLE	563	575	565	560	643	643	673	713	715	687	679	667	661	619	603	583	585	573	548	558	555	559	541	543	541	541	543	550	528	504	11,851	
SNAKE RIVER VALLEY	7918	7768	7480	7687	8101	8241	8365	8518	8472	8258	8378	8678	7939	7516	7451	7330	7332	7439	7506	7476	7721	7809	6713	6758	674	7491	7579	7609	7405	7201	23,126	
TOTAL HEISE TO SHELLEY	445	445	445	445	438	432	409	405	442	436	435	401	380	386	379	369	365	386	409	400	395	405	407	409	436	425	425	416	421	422	422	12,356
RESERVATION	315	312	318	285	318	285	298	304	307	311	314	314	309	304	309	242	204	244	249	390	357	260	257	257	260	260	260	260	260	260	8,553	
BLACKFOOT	135	132	132	127	131	131	118	133	135	136	133	135	136	135	136	139	140	142	128	132	135	134	135	139	132	125	132	134	135	135	4,002	
NEW LAVA SIDE	430	430	432	430	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	12,601	
PEOPLES	1230	1230	1230	1190	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	33,259	
ABERDEEN	199	184	177	174	174	174	171	172	169	171	172	170	161	157	143	143	143	143	133	132	136	141	92	144	146	149	149	149	146	146	4,666	
CORRETT	121	109	111	111	111	111	111	111	111	111	111	111	111	111</																		

PLATE NO 11

SEPTEMBER

SEPTEMBER																													
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
5	26	26	27	27	28	28	29	30	30	31	31	32	32	33	34	34	34	34	34	34	34	34	34						
25	228	236	237	244	246	250	256	263	264	264	263	263	262	253	252	252	254	254	254	250	249	249	245						
79	479	480	480	481	482	483	484	484	485	486	487	488	488	489	490	491	491	491	491	491	491	491	491						
55	135	136	136	137	137	138	139	139	140	141	141	142	143	144	145	145	145	145	145	145	145	145	145						
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6						
26	26	26	26	26	26	26	26	26	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27						
54	54	54	54	54	54	54	54	54	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53						
8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7						
26	26	26	26	26	26	26	26	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27						
8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7						
2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3						
86	82	79	79	78	79	82	83	84	83	81	81	82	86	87	83	84	84	84	84	78	70	48	55						
0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
33	33	33	33	34	34	34	34	34	34	34	35	35	35	35	35	35	35	35	35	35	35	35	35						
64	64	64	64	64	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65						
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2						
10	10	11	11	12	12	12	13	13	14	14	15	15	15	16	16	16	16	16	16	16	16	16	16						
0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2						
45	45	40	60	55	55	55	55	55	50	50	55	40	45	50	43	50	55	55	50	50	45	45	50						
20	20	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18						
2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1						
10	10	5	20	20	25	30	20	30	10	15	20	10	5	25	22	10	10	15	15	10	20	35	30						
67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67						
25	25	25	25	26	26	26	26	27	27	27	28	28	28	29	29	29	29	29	29	29	29	29	29						
18	18	18	18	18	18	18	18	18	19	19	20	20	21	21	22	22	22	22	22	22	22	22	22						
1375	1375	1372	1409	1416	1426	1440	1441	1462	1442	1448	1461	1440	1445	1467	1456	1453	1460	1466	1461	1446	1442	1435	1438						
310	1310	1310	1310	1310	1310	1310	1310	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320						
2686	2685	2682	2719	2726	2736	2750	2751	2782	2762	2768	2781	2760	2765	2787	2776	2773	2780	2786	2781	2766	2762	2755	2758						

82,159

87	85	77	77	77	70	67	62	54	52	52	50	50	50	58	58	58	56	56	56	60	61	61	65
2775	2770	2759	2796	2803	2806	2817	2813	2836	2814	2820	2831	2810	2815	2845	2834	2831	2836	2842	2837	2826	2823	2816	2823

84,219

T																																			
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	0										
25	25	25	25	26	26	26	26	26	26	26	26	26	26	26	25	25	25	25	25	25	25	25	26	26	27	27									
198	196	201	211	200	188	188	186	187	190	189	194	198	202	202	203	202	215	217	213	221	222	225	228	236	237	244									
458	460	462	464	465	466	468	469	469	470	471	472	472	473	474	474	475	476	477	477	478	479	479	479	480	480	481									
128	128	128	128	128	128	128	128	128	129	130	130	130	131	131	131	132	132	132	133	134	135	135	135	136	136	137									
7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6									
27	27	26	26	25	25	24	24	24	24	24	24	24	25	25	25	25	25	25	25	26	26	26	26	26	26	26									
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54									
7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8									
27	27	28	28	29	29	29	30	30	30	30	29	29	29	28	28	28	27	27	27	26	26	26	26	26	26	26									
7	7	7	7	6	6	6	6	6	6	6	6	6	7	7	7	7	7	8	8	8	8	8	8	8	8	8									
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									
72	80	73	73	71	74	83	73	77	77	77	84	84	87	79	81	80	80	86	82	86	89	86	82	79	79	78									
1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0									
32	33	33	34	34	35	35	36	36	36	36	36	36	35	35	35	34	34	34	33	33	33	33	33	33	33	34									
63	63	64	64	65	65	66	66	66	66	66	66	66	65	65	65	65	65	65	64	64	64	64	64	64	64	64									
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
18	17	16	14	13	12	10	9	8	8	8	8	8	9	9	9	9	10	10	10	10	10	10	10	10	11	12									
1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0									
55	55	50	50	55	50	45	45	51	45	50	60	60	50	40	40	35	45	40	55	55	50	45	45	40	60	55									
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19									
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									
5	15	10	0	5	20	15	25	24	20	20	20	20	20	10	10	15	10	25	35	15	5	10	10	5	20	20									
61	62	63	64	65	66	67	68	68	68	68	68	68	68	68	68	68	68	68	68	67	67	67	67	67	67	67									
35	35	36	36	37	37	38	38	37	36	35	34	33	32	32	31	30	30	29	28	27	26	25	25	25	25	26									
21	21	21	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	18	18	18	18	18									
1329	1347	1339	1340	1340	1343	1344	1345	1353	1347	1352	1373	1376	1374	1345	1345	1344	1362	1382	1397	1389	1378	1376	1375	1372	1409	1416									
1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1300	1300	1300	1300	1300	1300	1310	1310	1310	1310	1310	1310	1310									
2619	2637	2629	2630	2630	2633	2634	2635	2643	2637	2642	2663	2666	2674	2645	2645	2644	2662	2682	2707	2699	2688	2686	2685	2682	2719	2726									
80,997																																			
3	115	115	108	95	104	114	112	112	112	110	112	108	104	101	102	102	104	92	91	96	89	89	87	85	77	77	77								
24	2734	2752	2737	2725	2734	2747	2746	2747	2755	2747	2754	2771	2770	2775	2747	2747	2746	2754	2773	2803	2788	2777	2773	2770	2759	2796	2801								
84,248																																			

1967

[illegible]

AMERICAN FALLS RESERVOIR

BETWEEN BLACKFOOT AND NEELEY STATIONS
24-HOUR SECOND-FOOT

JULY

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
31	31	31	31	31	30	30	30	30	30	30	29	29	29	29	29	28	28	28	28	27	27	27	27	27	27	27	26
55	156	157	158	161	151	144	150	151	145	134	134	140	147	151	145	144	147	155	164	180	185	186	175	174	175	184	185
458	457	456	455	454	453	452	451	450	449	449	448	447	446	445	444	443	442	441	440	439	438	437	436	437	438	439	440
129	129	129	129	129	129	129	129	128	128	128	128	128	128	128	128	128	127	127	127	127	127	127	127	127	127	127	127
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
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
54	54	54	54	54	54	53	53	53	53	53	53	52	52	52	52	52	52	52	52	51	51	51	51	51	51	51	52
11	11	11	11	11	11	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	8	8	8	8	8	8
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
6	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3
426	388	296	258	249	236	244	320	280	217	179	149	134	112	100	98	68	87	136	107	81	55	61	56	71	7	64	64
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	32	32	31	31	31	31	30	30	30	29	29	29	28	28	28	27	27	27	27	26	26	26	25	25	25	25	25
60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
4	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
8	8	8	8	8	8	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	11	11	11	11	11	11	12
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
45	50	60	50	45	45	45	40	35	35	30	35	35	35	35	35	40	30	35	35	40	40	35	35	35	32	32	32
20	20	15	15	15	15	15	10	10	10	5	5	5	4	4	4	3	3	2	2	2	1	0	1	1	1	1	1
3	3	4	4	5	5	6	7	7	8	8	9	9	10	11	11	12	12	13	14	14	15	15	16	17	17	17	17
20	40	35	5	5	5	2	2	2	2	0	0	0	1	1	1	1	1	0	5	10	5	1	1	0	0	0	0
69	68	67	66	65	64	63	62	62	61	60	59	58	57	56	55	54	53	52	52	51	50	49	48	48	48	48	48
35	34	33	32	31	31	30	29	28	27	26	26	25	24	23	22	21	20	19	18	17	17	16	16	17	18	18	18
21	21	21	21	21	21	21	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19
1658	1641	1548	1467	1454	1428	1423	1491	1444	1373	1308	1282	1269	1251	1241	1229	1198	1206	1263	1245	1240	1213	1206	1189	1205	1208	1208	1208
1310	1310	1310	1310	1310	1310	1300	1300	1300	1300	1300	1300	1300	1300	1290	1290	1290	1290	1290	1290	1280	1280	1280	1280	1280	1280	1280	1280
2968	2951	2858	2777	2764	2738	2723	2791	2744	2673	2608	2582	2569	2541	2531	2519	2488	2496	2553	2525	2520	2493	2486	2469	2485	2482	2482	2482

81,320

114	114	114	114	112	123	131	126	126	135	145	146	141	135	132	138	140	138	131	123	108	104	104	117	9	9	9	9
43082	3065	2972	2891	2876	2861	2854	2917	2870	2808	2753	2728	2710	2676	2663	2657	2628	2634	2684	2648	2628	2597	2590	2586	2604	2605	2605	2605

85,111

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0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	82	52	52	52	56	74	74	73	80	82
343	3049	3142	3232	3254	3234	3187	3144	3116	3095	3136	3144	3185	3148	3112	3155	3166	3163	3152	3106	3001	2967	2984	2978	2955	2878	2865	2855	
95.363																												

	M A Y																
STREAM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BIG JIMMY CREEK	30	30	30	30	30	30	30	30	30	31	31	31	31	31	31	32	32
PORTNEUF RIVER INFLOW BELOW POCATELLO	223	189	196	223	223	223	223	223	189	223	223	222	221	219	218	217	216
BIG SPRING CREEK	411	411	411	411	411	411	411	411	411	411	411	411	412	412	412	412	412
CLEAR CREEK	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
FORD CREEK	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
KINNEY CREEK	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
WIDE CREEK	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PYLE SPRINGS	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8
MC TUCKER SPRINGS	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
HULL SPRINGS	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8
TRIPLE CREEK & TANNER SPRINGS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PORTNEUF RIVER AT POCATELLO	360	355	352	357	364	369	374	428	506	550	599	570	530	494	477	477	519
CRYSTAL DITCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYSTAL WASTE	36	36	36	36	36	36	36	35	35	34	33	32	31	31	30	29	29
DANIELSEN SPRINGS	48	48	48	48	48	48	48	48	48	48	48	48	49	49	49	49	49
ARTESIAN SPRINGS	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
STERLING WASTE	5	5	5	5	5	5	5	6	6	7	7	8	8	8	9	9	9
COLBURN WASTE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ABERDEEN WASTE	140	120	220	70	60	13	12	100	110	125	120	120	115	115	110	95	100
TARTAR WASTE	35	25	3	1	2	1	1	30	30	40	40	40	40	40	40	40	35
SCHILTZ WASTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEDAR WASTE	50	40	40	0	0	0	0	35	40	60	40	50	50	45	40	35	35
ROSS FORK	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	62	62
BANNOCK CREEK	30	30	30	30	30	30	30	30	30	30	30	30	29	29	29	28	28
RUEGAR SPRINGS	24	24	24	24	24	24	24	24	24	24	23	23	23	23	23	23	23
TOTAL MEASURED	1721	1642	1724	1564	1562	1519	1523	1729	1788	1912	1934	1914	1867	1824	1796	1775	1816
UNMEASURED INFLOW	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
TOTAL INFLOW BLACKFOOT TO NEELEY	3041	2962	3044	2884	2882	2839	2843	3049	3108	3232	3254	3234	3187	3144	3116	3095	3136
	94,754																
FT. HALL MICHAUD CANAL	0	36	27	0	0	0	0	0	34	0	0	0	0	0	0	0	0
THEORETICAL INFLOW	3041	2998	3071	2884	2882	2839	2843	3049	3142	3232	3254	3234	3187	3144	3116	3095	3136
	95,363																

PLATE NO. 12

IDE CANAL COMPANY				TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
3,060	4,146					3,820	0	277	277	0	593	593
3,020	4,096					3,840	0	285	285	0	59	59
3,040	4,127	0	4,127	0	3,870	3,870	0	0	299	27	0	27
3,090	4,198	1,161	3,037	280	3,600	3,880	300	0	300	34	0	94
3,100	4,228	1,010	3,218	880	3,000	3,880	295	0	295	266	0	266
3,080	4,208	1,208	3,000	860	3,000	3,860	295	0	295	264	0	264
3,080	4,208	3,049	1,159	860	3,000	3,860	295	0	295	261	0	261
3,080	4,218	1,406	2,812	850	3,000	3,850	293	0	293	264	0	264
3,060	4,198	2,289	1,909	850	3,000	3,850	283	0	283	264	0	264
3,040	4,178	2,753	1,425	870	3,000	3,870	236	0	236	264	0	264
3,020	4,158	1,158	3,000	900	3,000	3,900	275	0	275	264	0	264
3,030	4,158	1,117	3,041	320	3,600	3,920	272	0	272	264	0	264
3,050	4,178	1,178	3,000	920	3,000	3,920	272	0	272	261	0	261
3,040	4,168	1,273	2,895	920	3,000	3,920	268	0	268	242	0	242
3,040	4,168	2,342	1,826	930	3,000	3,930	268	0	268	240	0	240
3,050	4,168	3,837	331	1,458	2,482	3,940	264	0	264	244	0	244
3,040	4,158	3,827	331	1,474	2,476	3,950	269	0	269	247	0	247
3,000	4,128	3,790	338	1,409	2,531	3,940	265	0	265	252	0	252
3,000	4,108	3,168	340	1,383	2,547	3,930	259	0	259	249	0	249
3,010	4,128	3,788	340	1,392	2,548	3,940	252	0	252	252	0	252
3,010	4,128	3,790	338	1,394	2,536	3,930	250	0	250	254	0	254
2,960	4,068	3,734	334	1,419	2,501	3,920	241	0	241	254	0	254
2,940	4,018	3,684	334	1,387	2,503	3,890	239	0	239	252	0	252
2,940	3,998	3,665	333	1,387	2,493	3,880	246	0	246	249	0	249
2,960	4,018	3,683	335	1,374	2,506	3,880	246	0	246	247	0	247
2,980	4,037	3,702	335	1,384	2,506	3,890	240	0	240	244	0	244
2,970	4,027	3,688	339	1,340	2,540	3,880	231	0	231	247	0	247
2,960	4,016	3,668	348	1,240	2,610	3,850	218	0	218	247	0	247
2,950	4,006	3,645	361	1,149	2,701	3,850	211	0	211	247	0	247
2,900	3,954	3,594	360	1,124	2,696	3,820	226	0	226	247	0	247
2,900	3,943	3,584	359	1,120	2,690	3,810	229	0	229	247	0	247
2,890	3,923	3,569	354	1,156	2,654	3,810	226	0	226	247	0	247
2,910	3,943	3,591	352	1,185	2,635	3,820	227	0	227	242	0	242
2,940	3,963	3,609	354	1,180	2,650	3,830	227	0	227	242	0	242
2,920	3,941	3,584	357	1,146	2,674	3,820	226	0	226	242	0	242
2,910	3,931	3,571	360	1,111	2,699	3,810	225	0	225	242	0	242
2,890	3,912	3,554	358	1,127	2,683	3,810	225	0	225	242	0	242
2,890	3,902	3,547	355	1,152	2,658	3,810	232	0	232	242	0	242
2,880	3,892	3,540	352	1,164	2,636	3,800	233	0	233	242	0	242
2,880	3,892	3,540	352	1,141	2,639	3,780	232	0	232	244	0	244
2,860	3,873	3,525	348	1,141	2,609	3,750	231	0	231	247	0	247
2,870	3,883	3,529	354	1,086	2,654	3,740	235	0	235	247	0	247
2,880	3,893	3,529	364	1,037	2,723	3,760	243	0	243	244	0	244
2,850	3,863	3,497	366	1,017	2,743	3,760	247	0	247	244	0	244
2,840	3,843	3,482	361	1,049	2,701	3,750	248	0	248	244	0	244
2,860	3,863	3,510	353	1,101	2,659	3,760	255	0	255	249	0	249
2,880	3,883	3,531	352	1,129	2,631	3,760	255	0	255	252	0	252

1967

LAKE RIVER MINIDOKA			DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COM				
ED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P. A.	GOODING	MAIN	TOTAL	STORE
		12,600	JULY 11	11.06			0	1,650	1,650	76	1,010	3,060	4,146	
		9,540	12	10.88		10	0	1,640	1,640	76	1,000	3,020	4,096	
0	9,420	9,420	13	10.74	254	10	0	1,640	1,640	77	1,010	3,040	4,127	
63	6,637	10,200	14	10.91	254	10	1,670	0	1,670	78	1,030	3,090	4,198	1,16
12	6,218	10,400	15	11.04	253	10	1,700	0	1,700	78	1,050	3,100	4,228	1,01
20	6,000	10,200	16	11.04	253	10	1,680	0	1,680	78	1,050	3,080	4,208	1,20
31	4,159	9,990	17	10.94	253	10	1,680	0	1,680	78	1,050	3,080	4,208	3,04
38	5,812	10,300	18	11.08	253	10	1,710	0	1,710	78	1,060	3,080	4,218	1,40
49	4,909	10,300	19	11.09	253	10	1,700	0	1,700	78	1,060	3,060	4,198	2,28
55	4,425	10,200	20	11.10	253	10	1,700	0	1,700	78	1,060	3,040	4,178	2,75
60	6,000	10,200	21	11.07	253	15	1,700	0	1,700	78	1,060	3,020	4,158	1,15
68	6,541	10,200	22	11.07	238	15	1,700	0	1,700	78	1,050	3,030	4,158	1,11
70	6,000	10,300	23	11.12	238	15	1,700	0	1,700	78	1,050	3,050	4,178	1,17
78	5,895	10,200	24	11.17	238	15	1,700	0	1,700	78	1,050	3,040	4,168	1,27
79	4,826	0,100	25	11.16	238	15	1,690	0	1,690	78	1,050	3,040	4,168	2,3
87	2,813	0,100	26	11.10	232	15	1,680	0	1,680	78	1,040	3,050	4,168	2,83
93	2,807	0,100	27	11.13	232	15	1,690	0	1,690	78	1,040	3,040	4,158	2,83
98	2,869	0,200	28	11.18	224	15	1,700	0	1,700	78	1,050	3,000	4,128	3,79
99	2,867	9,850	29	11.10	215	15	1,680	0	1,680	78	1,030	3,000	4,108	3,76
99	2,868	9,890	30	11.18	215	15	1,680	0	1,680	78	1,040	3,010	4,128	3,78
99	2,874	9,930	31	11.18	212	15	1,690	0	1,690	78	1,040	3,010	4,128	3,79
95	2,835	9,830	AUG 1	11.23	212	15	1,690	0	1,690	78	1,030	2,960	4,068	3,73
73	2,837	9,610	2	11.16	203	15	1,680	0	1,680	78	1,000	2,940	4,018	3,58
24	2,826	9,450	3	11.09	212	15	1,680	0	1,680	78	980	2,940	3,998	3,56
79	2,841	9,420	4	11.00	212	15	1,670	0	1,670	78	980	2,960	4,018	3,51
09	2,841	9,450	5	10.95	208	15	1,680	0	1,680	77	980	2,980	4,037	3,71
21	2,879	9,700	6	11.04	208	15	1,690	0	1,690	77	980	2,970	4,027	3,68
72	2,958	9,730	7	11.02	208	15	1,660	0	1,660	76	980	2,960	4,016	3,61
38	3,062	9,800	8	11.14	212	15	1,650	0	1,650	76	980	2,950	4,006	3,64
14	3,056	9,570	9	11.15	208	15	1,620	0	1,620	74	980	2,900	3,954	3,59
11	3,049	9,360	10	11.10	197	15	1,580	0	1,580	73	970	2,900	3,943	3,58
92	3,008	9,200	11	10.97	191	15	1,620	0	1,620	73	960	2,890	3,923	3,54
73	2,987	9,260	12	10.88	183	15	1,630	0	1,630	73	960	2,910	3,943	3,59
16	3,004	9,320	13	10.83	183	15	1,630	0	1,630	73	950	2,940	3,963	3,60
29	3,031	9,360	14	10.80	191	15	1,640	0	1,640	71	950	2,920	3,941	3,56
81	3,059	9,540	15	10.80	202	15	1,630	0	1,630	71	950	2,910	3,931	3,51
39	3,041	9,480	16	10.73	208	15	1,630	0	1,630	72	950	2,890	3,912	3,55
27	3,013	9,640	17	10.71	212	15	1,630	0	1,630	72	940	2,890	3,902	3,54
42	2,988	9,730	18	10.71	212	15	1,590	0	1,590	72	940	2,880	3,892	3,54
79	2,991	9,770	19	10.75	208	15	1,550	0	1,550	72	940	2,880	3,892	3,54
13	2,957	9,770	20	10.90	208	15	1,530	0	1,530	73	940	2,860	3,873	3,51
62	3,008	9,670	21	10.78	212	15	1,530	0	1,530	73	940	2,870	3,883	3,52
13	3,087	9,800	22	10.94	212	15	1,540	0	1,540	73	940	2,880	3,893	3,52
21	3,109	9,730	23	10.96	212	15	1,530	0	1,530	73	940	2,850	3,863	3,49
48	3,062	9,610	24	10.90	212	15	1,520	0	1,520	73	930	2,840	3,843	3,48
18	3,012	9,730	25	10.88	212	15	1,530	0	1,530	73	930	2,860	3,863	3,51
87	2,983	9,770	26	10.92	197	15	1,530	0	1,530	73	930	2,880	3,883	3,52

RIVER GAGING STATIONS

NEELEY STORED VERSIONS	DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-FOOT	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS ACRE-FOOT	MINIDOKA CANALS					SNAKE NEAR M	
			STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL
	JULY 9	1,704											
	10	1,699	0	14,600	14,600	96,150							
	11	1,695	330	12,270	12,600	94,020							
	12	1,687	2,142	11,258	13,400	94,720	1,870	1,490	3,360	0		0	3
268	13	1,673	4,437	9,363	13,800	94,140	1,870	1,490	3,360	634	2,726	3,563	6
262	14	1,660	5,356	8,944	14,300	94,250	1,870	1,490	3,360	634	2,726	4,180	5
277	15	1,647	5,802	7,998	13,800	95,180	1,880	1,490	3,370	1,372	1,998	4,200	6
263	16	1,629	7,715	5,885	13,600	95,310	1,880	1,490	3,370	1,644	1,726	5,831	4
257	17	1,614	6,262	7,538	13,800	94,950	1,890	1,480	3,370	1,644	1,726	4,488	5
263	18	1,597	6,965	6,635	13,600	95,430	1,890	1,480	3,370	1,644	1,726	5,391	4
271	19	1,581	7,149	6,151	13,300	94,720	1,890	1,460	3,350	1,624	1,726	5,775	4
272	20	1,567	4,781	8,719	13,500	94,720	1,880	1,460	3,340	621	2,719	4,200	6
265	21	1,553	4,535	9,367	13,700	94,950	1,850	1,450	3,300	574	2,726	3,559	6
249	22	1,538	4,894	8,706	13,600	95,180	1,780	1,480	3,260	554	2,708	4,300	6
220	23	1,520	5,779	7,621	13,400	95,180	1,680	1,480	3,160	1,434	1,726	4,305	5
212	24	1,503	6,748	6,552	13,300	95,430	1,660	1,480	3,140	1,414	1,726	5,274	4
224	25	1,487	10,487	2,813	13,300	95,790	1,710	1,480	3,190	3,190	0	7,287	2
237	26	1,464	10,393	2,807	13,200	94,720	1,700	1,480	3,180	3,180	0	7,293	2
239	27	1,443	10,531	2,869	13,400	93,790	1,700	1,470	3,170	3,170	0	7,331	2
239	28	1,424	10,513	2,887	13,400	94,250	1,710	1,460	3,170	3,170	0	6,973	2
231	29	1,403	10,712	2,888	13,600	94,250	1,700	1,440	3,140	3,140	0	7,002	2
217	30	1,384	10,526	2,874	13,400	95,070	1,600	1,450	3,050	3,050	0	7,056	2
242	31	1,362	10,465	2,835	13,300	94,600	1,550	1,440	2,990	2,990	0	6,995	2
209	AUG 1	1,344	10,363	2,837	13,200	94,950	1,500	1,430	2,930	2,930	0	6,773	2
210	2	1,328	10,374	2,826	13,200	95,670	1,440	1,430	2,870	2,870	0	6,624	2
200	3	1,310	10,359	2,841	13,200	96,390	1,470	1,400	2,870	2,870	0	6,579	2
197	4	1,295	10,359	2,841	13,200	96,870	1,510	1,370	2,880	2,880	0	6,609	2
196	5	1,275	10,321	2,879	13,200	96,870	1,450	1,350	2,800	2,800	0	6,821	2
196	6	1,257	10,042	2,958	13,000	97,230	1,370	1,330	2,700	2,700	0	6,772	3
194	7	1,241	9,938	3,062	13,000	97,110	1,330	1,290	2,620	2,620	0	6,738	3
196	8	1,230	9,744	3,056	12,800	97,350	1,240	1,230	2,570	2,570	0	6,514	3
196	9	1,216	9,551	3,049	12,600	98,320	1,390	1,210	2,600	2,600	0	6,311	3
196	10	1,202	9,192	3,008	12,200	99,040	1,460	1,230	2,690	2,690	0	6,192	3
195	11	1,188	9,113	2,987	12,100	98,080	1,520	1,240	2,760	2,760	0	6,273	2
192	12	1,173	8,996	3,004	12,000	96,990	1,540	1,270	2,810	2,810	0	6,316	3
178	13	1,164	6,299	3,031	9,330	94,250	1,540	1,260	2,800	2,800	0	6,329	3
182	14	1,144	11,941	3,059	15,000	91,460	1,560	1,230	2,790	2,790	0	6,481	3
200	15	1,129	8,959	3,041	12,000	94,950	1,590	1,280	2,870	2,870	0	6,439	3
205	16	1,113	9,787	3,013	12,800	92,390	1,650	1,330	2,980	2,980	0	6,627	3
207	17	1,095	10,612	2,988	13,600	92,620	1,710	1,340	3,050	3,050	0	6,742	2
207	18	1,076	10,809	2,991	13,800	93,790	1,730	1,340	3,070	3,070	0	6,779	2
200	19	1,058	10,743	2,957	13,700	94,490	1,680	1,340	3,020	3,020	0	6,813	2
183	20	1,041	10,592	3,008	13,600	95,550	1,630	1,350	2,980	2,980	0	6,662	3
177	21	1,024	10,513	3,087	13,600	96,150	1,620	1,350	2,970	2,970	0	6,713	3
204	22	1,010	10,291	3,109	13,400	97,110	1,630	1,350	2,980	2,980	0	6,621	3
206	23	993	10,238	3,062	13,300	98,080	1,630	1,350	2,980	2,980	0	6,548	3
206	24	974	10,188	3,012	13,200	98,560	1,630	1,330	2,960	2,960	0	6,718	3
205	25	960	10,117	2,983	13,100	99,040	1,640	1,320	2,960	2,960	0	6,787	2

AT AND BETWEEN SNAKE RIVER

24 HOUR SECOND- FEET EXCEPT AS NOTED

RIVER SHELLEY		SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY		DATE
NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS				STORED	NORMAL	TOTAL	CALCULATED IN FLOW	STORED DIVERSIONS	
	16,000				JULY 9	146			10,500	2,917		
	13,500				10	121			9,400	2,870		
	12,800				11	45			8,450	2,808		
400	11,400				12	40			6,610	2,753	268	
773	9,820	- 57		- 896	13	15	- 896	6,216	5,320	2,728	282	
417	8,940	- 29		- 448	14	12	- 448	5,288	4,840	2,710	277	
033	8,710	77	399	1,201	15	49	1,201	3,209	4,410	2,676	263	
750	7,950	- 72	397	- 1,125	16	57	- 1,125	4,875	3,750	2,663	257	
944	7,260	- 63	357	- 978	17	55	- 978	3,978	3,000	2,657	263	
719	6,270	- 61	575	- 963	18	28	- 963	3,523	2,560	2,628	271	
903	6,900	- 155	577	- 2,425	19	27	- 2,425	6,085	3,660	2,634	272	
814	8,150	- 135	584	- 2,113	20	30	- 2,113	6,683	4,570	2,684	265	
934	8,380	- 127	561	- 1,988	21	20	- 1,988	6,058	4,070	2,648	249	
642	7,590	- 100	611	- 1,563	22	15	- 1,563	4,993	3,430	2,628	220	
627	6,860	- 81	583	- 1,269	23	45	- 1,135	3,955	2,820	2,597	212	
987	6,180	- 20	524	- 311	24	43	2,457	221	2,680	2,590	224	
433	5,860	- 4	487	- 56	25	41	1,729	22	1,950	2,586	237	
452	4,740	- 13	502	- 201	26	85	553	81	818	2,604	239	
151	3,770	13	404	202	27	102	117	8	399	2,605	239	
006	3,790	81	436	1,267	28	106	30	256	316	2,602	231	
264	3,940	7	553	116	29	89	130	23	399	2,605	217	
806	4,080	48	470	756	30	43	595	223	818	2,612	212	
337	5,030	72	504	117	31	46	1,374	226	1,600	2,611	209	AUG
184	5,410	100	453	667	AUG 1	16	1,354	196	1,550	2,630	210	
284	5,380	157	476	463	2	27	1,343	207	1,550	2,634	200	
395	5,150	130	482	2,137	3	25	1,045	205	1,250	2,636	197	
798	4,910	157	490	2,465	4	50	950	230	1,180	2,649	196	
091	5,060	151	451	367	5	93	1,287	273	1,560	2,685	196	
132	5,830	135	490	2,075	6	113	2,397	393	2,790	2,669	194	
721	6,900	101	497	1,581	7	208	3,622	388	4,010	2,668	196	
634	7,100	122	434	1,910	8	184	3,356	364	3,720	2,685	196	
829	6,500	136	401	2,134	9	130	2,540	310	2,850	2,698	196	
390	5,700	178	349	2,783	10	117	1,973	287	2,260	2,700	195	
746	5,090	184	280	2,880	11	114	1,536	294	1,830	2,710	192	
281	4,740	196	198	3,065	12	140	1,610	320	1,930	2,711	178	
967	4,760	159	151	2,483	13	149	1,871	329	2,200	2,730	182	
133	4,970	161	152	2,524	14	130	2,120	310	2,430	2,731	200	
099	4,670	163	154	2,554	15	109	1,921	289	2,210	2,724	205	
176	4,600	142	57	2,225	16	74	1,486	254	1,740	2,734	207	
023	4,310	136	10	2,141	17	59	1,411	239	1,650	2,752	207	
858	4,340	105	737	1,640	18	40	1,430	220	1,650	2,737	200	
889	4,520	115	713	1,803	19	103	1,647	283	1,930	2,725	183	
275	4,910	114	732	1,789	20	173	2,207	353	2,560	2,734	177	
214	5,350	144	733	2,259	21	182	2,428	362	2,790	2,747	204	
130	5,410	154	712	2,414	22	136	2,314	316	2,630	2,746	206	
120	5,030	132	705	2,073	23	85	1,925	265	2,190	2,747	206	
686	4,680	109	1,178	1,707	24	48	1,802	228	2,030	2,755	205	

DAILY SEGREGATION OF DATA AT A

YEAR TOTAL	IRWIN TO HEISE		HEISE & RILEY			STORED INFLOW HENRYS FORK	HEISE TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY		
	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL
17,000					18,618				JUL 8			16,000
14,500					15,320				9			13,500
15,200					15,522				10			12,800
15,400			0	16,024	16,024				11		1,400	11,400
14,500	- 8		-1,002	16,126	15,124		49		12	953	10,773	9,820
15,000	- 4		- 501	15,625	15,124		- 24		13	- 477	9,417	8,940
15,100	14		1,763	13,761	15,524		86		14	1,677	1,033	8,710
14,100	3		374	14,251	14,625		18	1,156	15	800	3,750	7,950
13,700	1		130	13,895	14,025		6	808	16	- 684	7,944	7,260
13,400	3		374	13,251	13,625		18	805	17	- 449	6,719	6,270
13,100	4		501	13,124	13,625		24	2,480	18	-2,003	8,903	6,900
12,800	3		587	12,715	13,300	- 45	29	2,175	19	-1,664	9,814	8,150
12,200	3		670	12,130	12,800	- 33	33	2,058	20	-1,554	9,934	8,380
11,900	3		930	11,268	12,200	- 69	45	1,870	21	-1,052	8,642	7,590
11,700	12	2	1,43	10,593	12,024	134	70	1,994	22	- 767	7,627	6,860
11,500	13	2	2,205	9,519	11,724	- 127	08	1,777	23	193	5,987	6,180
11,400	18	2	2,215	9,504	11,719	49	08	1,729	24	427	5,433	5,860
11,200	18	2	2,215	9,304	11,519	50	108	1,869	25	288	4,452	4,740
11,200	23	2	2,938	8,280	11,218	69	143	2,245	26	619	3,151	3,770
11,700	3	4	4,438	7,383	11,821	135	216	2,573	27	1,784	- 006	3,790
12,000	3	4	3,903	8,218	12,121	- 232	191	2,804	28	676	3,264	3,940
12,000	37	4	4,607	7,618	12,225	40	225	3,148	29	1,274	7806	4,080
11,600	38	4	4,604	7,330	11,934	72	229	2,844	30	1,693	7,337	5,030
11,600	38	4	4,694	7,231	11,925	332	229	2,571	31	2,226	3,184	5,410
11,800	45	4	5,517	6,508	12,025	455	269	2,607	AUG 1	3,096	2,284	5,380
12,100	44	5	5,478	6,949	12,427	452	268	2,907	2	2,755	2,395	5,150
12,000	46	5	5,666	6,661	12,327	525	277	2,802	3	3,112	1,798	4,910
11,900	48	5	5,831	6,395	12,226	117	287	2,692	4	2,969	2,091	5,060
11,800	47	5	5,812	6,415	12,227	76	286	2,904	5	2,698	3,132	5,830
11,800	43	5	5,324	6,902	12,226	- 224	262	2,659	6	2,179	4,721	6,900
11,900	43	5	5,324	6,896	12,220	- 230	262	2,366	7	2,466	4,634	7,100
11,500	40	5	4,903	7,117	12,020	- 132	242	1,858	8	2,677	3,829	6,500
11,000	42	5	5,190	6,232	11,422	276	255	1,901	9	3,311	2,390	5,700
10,800	42	5	5,190	5,831	11,021	273	255	1,864	10	3,344	1,746	5,090
10,700	42	5	5,239	5,682	10,921	195	257	1,718	11	3,455	1,281	4,740
10,600	42	5	5,179	5,642	10,821	29	255	2,160	12	2,793	1,967	4,760
10,600	42	5	5,229	5,590	10,819	- 144	257	1,991	13	2,837	2,133	4,970
10,600	42	5	5,229	5,591	10,820	- 367	257	1,734	14	2,871	2,099	4,970
10,700	41	5	5,050	5,669	10,719	- 347	248	2,031	15	2,424	2,176	4,600
10,100	40	5	4,981	5,438	10,419	- 605	245	1,844	16	2,267	2,023	4,290
10,000	42	4	5,230	5,191	10,421	- 656	257	1,835	17	2,481	1,858	4,340
9,920	43	4	5,289	5,033	10,322	- 581	260	1,817	18	2,631	1,889	4,520
9,850	41	4	5,041	5,183	10,224	- 510	248	1,648	19	2,635	2,275	4,910
9,750	41	4	5,060	5,062	10,122	- 171	249	1,504	20	3,136	2,214	5,350
9,710	41	4	5,060	4,961	10,021	- 152	249	1,379	21	3,280	2,130	5,410
9,330	39	3	4,823	5,048	9,871	- 246	235	1,432	22	2,910	2,120	5,030
9,120	39	3	4,853	4,598	9,451	- 256	237	1,366	23	2,994	1,686	4,680

DATE	JACKSON LAKE CONTENTS ACRE- FEET	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS OF ACRE- FEET	STORED
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		
JULY 6	848,000			4,340		JULY 7			14,100	1,385	
7	848,250			3,890		8			13,600	1,392	
8	848,760			3,890		9			13,200	1,396	
9	849,280			3,860		10			12,800	1,399	
10	848,780			3,810		11			12,400	1,402	1,010
11	848,000			3,790		12	0	11,900	11,900	1,403	- 505
12	846,460	780	2,370	3,150	13	13	767	9,833	10,600	1,401	1,777
13	846,720	- 130	2,300	2,170	- 2	14	- 128	9,958	9,830	1,399	377
14	847,480	- 380	2,630	2,250	- 6	15	- 374	10,004	9,630	1,398	131
15	847,740	- 130	2,280	2,150	- 2	16	- 128	9,258	9,130	1,395	377
16	848,000	0	2,150	2,150	0	17	0	8,930	8,930	1,393	505
17	847,740	600	2,220	2,820	10	18	590	9,410	10,000	1,395	590
18	846,460	1,200	2,270	3,470	20	19	1,180	8,590	9,770	1,396	675
19	844,170	1,470	1,990	3,460	25	20	1,445	7,965	9,410	1,396	940
20	841,630	1,470	1,970	3,440	25	21	1,445	7,485	8,930	1,396	1,445
21	838,320	750	1,690	3,440	30	22	1,720	6,960	8,680	1,396	2,225
22	835,010	1,760	1,670	3,430	30	23	1,730	6,720	8,450	1,395	2,235
23	831,190	1,760	1,660	3,420	30	24	1,730	6,500	8,230	1,394	2,235
24	827,890	2,500	1,150	3,650	42	25	2,458	5,852	8,310	1,392	2,963
25	823,310	2,500	1,450	3,950	42	26	2,458	5,692	8,150	1,389	4,478
26	817,990	2,470	1,480	3,950	42	27	2,428	5,552	7,980	1,385	3,938
27	813,190	2,500	1,440	3,940	42	28	2,458	5,272	7,730	1,381	4,648
28	808,140	2,590	1,400	3,950	44	29	2,546	5,044	7,590	1,376	4,736
29	802,580	2,590	1,360	3,950	44	30	2,546	4,964	7,510	1,372	4,737
30	797,530	2,590	1,350	3,940	44	31	2,546	4,854	7,400	1,367	5,566
31	792,750	2,550	1,360	3,910	43	AUG 1	2,507	4,843	7,350	1,361	5,527
AUG 1	787,990	2,550	1,340	3,890	43	2	2,507	4,733	7,240	1,354	5,717
2	782,720	2,720	1,140	3,860	46	3	2,674	4,406	7,080	1,348	5,881
3	777,460	2,720	1,100	3,820	46	4	2,674	4,326	7,000	1,342	5,864
4	772,940	2,220	1,590	3,810	38	5	2,182	4,848	7,030	1,336	5,372
5	767,450	2,220	1,570	3,790	38	6	2,182	4,818	7,000	1,329	5,372
6	762,720	2,220	1,570	3,790	38	7	2,182	4,978	7,160	1,323	4,949
7	758,740	2,520	1,270	3,790	43	8	2,477	4,683	7,160	1,318	5,277
8	753,760	2,520	1,130	3,650	43	9	2,477	4,153	6,630	1,314	5,237
9	748,780	2,570	1,010	3,580	44	10	2,526	3,894	6,420	1,308	5,261
10	743,560	2,570	1,010	3,580	44	11	2,526	3,744	6,270	1,303	5,228
11	738,620	2,620	960	3,580	44	12	2,576	3,594	6,170	1,298	5,278
12	733,180	2,620	940	3,560	44	13	2,576	3,524	6,100	1,293	5,276
13	727,990	2,620	930	3,550	44	14	2,576	3,424	6,000	1,288	5,095
14	723,040	2,550	990	3,540	44	15	2,506	3,394	5,900	1,283	5,021
15	718,120	2,550	960	3,510	44	16	2,506	3,314	5,820	1,278	5,271
16	712,960	2,610	890	3,500	44	17	2,566	3,134	5,700	1,273	5,335
17	707,560	2,610	870	3,480	44	18	2,566	3,054	5,620	1,268	5,083
18	702,650	2,630	840	3,470	45	19	2,585	2,995	5,580	1,263	5,105
19	697,500	2,630	830	3,460	45	20	2,585	2,945	5,530	1,258	5,105
20	692,130	2,630	830	3,460	45	21	2,585	2,945	5,530	1,252	4,865
21	687,010	2,660	780	3,440	45	22	2,615	2,865	5,480	1,248	4,895

PLATE NO. 13

DE CANAL COMPANY				TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
2,920	3,912	3,564	348	1,153	2,607	3,760	256	0	256	254	0	254
2,930	3,930	3,580	350	1,141	2,619	3,760	266	0	266	254	0	254
2,910	3,909	3,557	352	1,131	2,629	3,760	267	0	267	254	0	254
2,940	3,939	3,587	352	1,128	2,632	3,760	277	0	277	254	0	254
2,960	3,956	3,605	351	1,123	2,627	3,750	276	0	276	254	0	254
2,900	3,883	3,536	347	1,120	2,600	3,720	261	0	261	256	0	256
2,840	3,833	3,486	347	1,135	2,605	3,740	250	0	250	256	0	256
2,840	3,832	3,482	350	1,100	2,620	3,720	240	0	240	256	0	256
2,830	3,822	3,465	357	1,009	2,681	3,690	228	0	228	256	0	256
2,830	3,811	3,452	359	996	2,694	3,690	219	0	219	254	0	254
2,820	3,792	3,432	360	971	2,699	3,670	209	0	209	252	0	252
2,800	3,772	3,415	357	907	2,683	3,590	200	0	200	269	0	269
2,780	3,742	3,390	352	901	2,639	3,540	195	0	195	256	0	256
2,720	3,672	3,323	349	873	2,617	3,490	189	0	189	256	0	256
2,720	3,672	3,323	349	823	2,617	3,440	186	0	186	256	0	256
2,690	3,642	3,292	350	711	2,619	3,330	169	0	169	256	0	256
2,610	3,572	3,210	362	559	2,711	3,270	156	0	156	254	0	254
2,580	3,532	3,168	364	544	2,726	3,270	149	0	149	266	0	266
2,500	3,432	3,065	367	441	2,749	3,190	143	0	143	417	0	417
2,470	3,392	3,023	369	291	2,769	3,060	134	0	134	264	0	264
2,410	3,332	2,966	366	185	2,745	2,930	134	0	134	256	0	256
2,410	3,332	2,968	364	150	2,730	2,880	134	0	134	254	0	254
2,370	3,293	2,934	359	199	2,691	2,800	137	0	137	254	0	254
2,330	3,253	2,891	362	166	2,714	2,880	127	0	127	254	0	254
2,330	3,253	2,891	362	147	2,713	2,860	122	0	122	254	0	254
2,320	3,243	2,884	359	135	2,685	2,820	112	0	112	254	0	254
2,240	3,163	2,804	359	111	2,689	2,800	112	0	112	254	0	254
2,150	3,083	2,721	362	66	2,714	2,780	112	0	112	252	0	252
2,140	3,073	2,713	360	49	2,701	2,750	112	0	112	252	0	252
2,120	2,980	2,620	360	33	2,697	2,730	112	0	112	256	0	256
2,080	2,940	2,540	400	0	2,650	2,650	121	0	121	261	0	261
2,050	2,930	2,530	400		2,620	2,620	132	0	132	254	0	254
2,020	2,890	2,490	400		2,620	2,620	131	0	131	254	0	254
1,980	2,850	2,450	400		2,620	2,620	130	0	130	254	0	254

1967

LAKE RIVER MINIDOKA			DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COM				
NO	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED
75	2,955	9,730	27	10.96	197	15	1,530	0	1,530	72	920	2,920	3,912	3,581
91	2,969	9,800	28	11.07	207	15	1,540	0	1,540	70	930	2,930	3,930	3,581
59	2,981	9,640	29	11.10	207	15	1,550	0	1,550	69	930	2,910	3,909	3,555
96	2,984	9,480	30	11.05	202	15	1,550	0	1,550	69	930	2,940	3,939	3,558
02	2,978	9,480	31	11.01	202	15	1,550	0	1,550	66	930	2,960	3,956	3,600
63	2,947	9,610	SEPT. 1	11.04	186	15	1,550	0	1,550	63	920	2,900	3,883	3,553
18	2,952	9,570	2	11.08	171	15	1,550	0	1,550	63	930	2,840	3,833	3,488
00	2,970	9,570	3	11.08	171	15	1,550	0	1,550	62	930	2,840	3,832	3,441
82	3,038	9,420	4	11.12	165	15	1,550	0	1,550	62	930	2,830	3,822	3,441
77	3,053	9,230	5	11.05	151	15	1,550	0	1,550	61	920	2,830	3,811	3,441
41	3,059	9,200	6	10.96	146	10	1,490	0	1,490	62	910	2,820	3,792	3,441
70	3,040	9,110	7	11.02	136	10	1,470	0	1,470	62	910	2,800	3,772	3,441
09	2,991	8,900	8	11.03	131	10	1,440	0	1,440	62	900	2,780	3,742	3,331
44	2,966	8,810	9	11.05	116	10	1,420	0	1,420	62	890	2,720	3,672	3,331
14	2,966	8,580	10	11.00	116	10	1,410	0	1,410	62	890	2,720	3,672	3,331
11	2,969	8,550	11	10.95	106	10	1,410	0	1,410	62	890	2,690	3,642	3,231
67	3,073	8,640	12	10.93	113	10	1,420	0	1,420	62	900	2,610	3,572	3,231
70	3,090	8,960	13	11.18	108	10	1,420	0	1,420	62	890	2,580	3,532	3,181
94	3,116	8,610	14	11.30	103	10	1,390	0	1,390	62	870	2,500	3,432	3,081
32	3,138	8,070	15	11.14	96	10	1,300	0	1,300	62	860	2,470	3,392	3,081
19	3,111	7,430	16	11.02	86	10	1,260	0	1,260	62	860	2,410	3,332	2,981
66	3,094	7,560	17	10.96	86	10	1,260	0	1,260	62	860	2,410	3,332	2,981
40	3,050	7,790	18	10.98	86	10	1,260	0	1,260	63	860	2,370	3,293	2,981
84	3,076	7,760	19	11.02	86	10	1,270	0	1,270	63	860	2,330	3,253	2,881
45	3,075	7,820	20	11.05	75	10	1,270	0	1,270	63	860	2,330	3,253	2,881
46	3,044	7,790	21	11.05	75	10	1,230	0	1,230	63	860	2,320	3,243	2,881
12	3,048	7,560	22	10.96	75	10	1,220	0	1,220	63	860	2,240	3,163	2,881
64	3,076	7,540	23	10.98	75	10	1,220	0	1,220	63	870	2,150	3,083	2,781
39	3,061	7,400	24	10.96	75	10	1,230	0	1,230	63	870	2,140	3,073	2,781
83	3,057	7,340	25	10.92	75	10	1,220	0	1,220	0	860	2,120	2,980	2,681
40	3,050	7,290	26	10.93	82	10	1,220	0	1,220		860	2,080	2,940	2,581
90	3,020	7,260	27	10.96	86	10	1,230	0	1,230		880	2,050	2,930	2,581
20	3,020	7,240	28	10.88	86	10	1,230	0	1,230		870	2,020	2,890	2,481
70	3,020	6,890	29	10.80	86	10	1,220	0	1,220		870	1,980	2,850	2,481
40	3,020	7,160	30	10.75	91	10	1,220	0	1,220		860	1,940	2,800	2,481
00	3,040	7,240	OCT. 1	10.84	91	0	1,200	0	1,200		860	1,880	2,740	2,381
20	2,990	7,210	2	10.99	91		1,210	0	1,210		880	1,880	2,760	2,381
00	2,620	7,020	3	9.76	91		1,170	0	1,170		860	1,800	2,660	2,281
80	2,590	6,970	4	11.34	76		1,120	0	1,120		860	1,690	2,550	2,181
44	4,256	6,400	5	11.12	73		1,100	0	1,100		850	1,580	2,430	2,081
44	5,506	6,050	6	11.21	67		0	1,070	1,070		830	1,530	2,360	2,081
93	4,867	5,460	7	11.20	62		238	792	1,030		840	1,500	2,340	2,081
10	4,780	4,670	8	10.90	62		269	761	1,030		840	1,480	2,320	2,081
					14,764	1,045	126,817							254,081

ER GAGING STATIONS

196

DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-Feet	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS ACRE-Feet	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA		
		STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL
AUG 26	943	10,045	2,955	13,000	99,230	1,640	1,310	2,950	2,950	0	6,775	2,955	9,730
27	925	9,831	2,969	12,800	99,040	1,630	1,300	2,930	2,930	0	6,831	2,969	9,800
28	911	9,619	2,981	12,600	98,800	1,580	1,290	2,870	2,870	0	6,659	2,981	9,640
29	896	9,416	2,984	12,400	98,920	1,510	1,290	2,800	2,800	0	6,496	2,984	9,480
30	879	9,422	2,978	12,400	98,440	1,510	1,310	2,820	2,820	0	6,502	2,978	9,480
31	862	9,453	2,947	12,400	97,590	1,510	1,310	2,820	2,820	0	6,663	2,947	9,610
SEPT 1	846	9,448	2,952	12,400	96,870	1,460	1,310	2,770	2,770	0	6,618	2,952	9,570
2	829	9,330	2,970	12,300	96,150	1,400	1,310	2,710	2,710	0	6,600	2,970	9,570
3	814	9,162	3,038	12,200	95,910	1,400	1,300	2,700	2,700	0	6,382	3,038	9,420
4	800	8,947	3,053	12,000	95,910	1,400	1,270	2,670	2,670	0	6,177	3,053	9,230
5	783	8,841	3,059	11,900	95,310	1,400	1,260	2,660	2,660	0	6,141	3,059	9,200
6	769	8,760	3,040	11,800	95,180	1,380	1,230	2,590	2,590	0	6,070	3,040	9,110
7	753	8,609	2,991	11,600	95,670	1,300	1,200	2,500	2,500	0	5,909	2,991	8,900
8	739	8,434	2,966	11,400	95,910	1,270	1,130	2,400	2,400	0	5,844	2,966	8,810
9	724	8,134	2,966	11,100	95,910	1,200	1,050	2,250	2,250	0	5,614	2,966	8,580
10	708	8,031	2,969	11,000	96,390	1,110	985	2,095	2,095	0	5,581	2,969	8,550
11	690	7,527	3,073	10,600	96,870	1,000	901	1,901	1,901	0	5,567	3,073	8,640
12	682	7,110	3,090	10,200	96,270	874	895	1,769	1,769	0	5,870	3,090	8,960
13	670	6,884	3,116	10,000	96,270	843	838	1,681	1,681	0	5,494	3,116	8,610
14	661	6,312	3,138	9,450	96,390	843	757	1,600	1,600	0	4,932	3,138	8,070
15	652	5,939	3,111	9,050	96,030	803	710	1,513	1,513	0	4,319	3,111	7,430
16	641	5,956	3,094	9,050	96,870	753	690	1,443	1,443	0	4,466	3,094	7,560
17	632	5,850	3,050	8,900	96,630	750	679	1,429	1,429	0	4,740	3,050	7,790
18	621	5,784	3,076	8,860	96,390	748	652	1,400	1,400	0	4,684	3,076	7,760
19	610	5,785	3,075	8,860	96,030	746	649	1,395	1,395	0	4,745	3,075	7,820
20	601	5,766	3,044	8,810	96,030	770	665	1,435	1,435	0	4,746	3,044	7,790
21	591	5,512	3,048	8,560	96,030	843	749	1,592	1,592	0	4,512	3,048	7,560
22	580	5,444	3,076	8,520	95,430	900	718	1,618	1,618	0	4,464	3,076	7,540
23	570	5,409	3,061	8,470	95,180	920	696	1,616	1,616	0	4,339	3,061	7,400
24	560	5,413	3,057	8,470	95,070	920	712	1,632	1,632	0	4,283	3,057	7,340
25	550	5,415	3,055	8,470	94,720	960	732	1,692	1,687	5	4,240	3,050	7,290
26	542	5,417	3,103	8,520	94,720	982	740	1,722	1,639	83	4,240	3,020	7,260
27	532	5,415	3,105	8,520	94,950	982	754	1,736	1,651	85	4,220	3,020	7,240
28	522	5,383	3,087	8,470	95,910	987	784	1,771	1,704	67	3,870	3,020	6,890
29	510	5,389	3,081	8,470	96,150	987	808	1,795	1,734	61	4,140	3,020	7,160
30	494	5,232	3,098	8,330	95,790	987	823	1,810	1,752	58	4,200	3,040	7,240
OCT 1	485	5,121	3,109	8,230	95,430	907	829	1,736	1,617	119	4,220	2,990	7,210
2	475	4,761	3,199	7,960	96,380	783	808	1,591	1,012	579	4,400	2,620	7,020
3	471	3,981	3,759	7,740	95,670	714	724	1,438	269	1,169	4,380	2,590	6,970
4	472	1,712	5,628	7,340	96,750	718	654	1,372	0	1,372	2,144	4,256	6,400
5	474	- 31	6,781	6,750	95,910	634	641	1,275	0	1,275	544	5,506	6,050
6	471	220	6,050	6,270	96,750	584	599	1,183	0	1,183	593	4,867	5,460
7	474	- 200	5,870	5,670	98,030	588	502	1,090	0	1,090	- 110	4,780	4,670
		673,749							184,817		478,890		

AND BETWEEN SNAKE RIVER

24 HOUR SECOND-FEET EXCEPT AS NOTED

TOTAL	SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY		DATE	AMERICAN RESEERVA CONSERVATION THOUSANDS ACRES
	STORED LOSS	STORED DIVERSIONS				STORED	NORMAL	TOTAL	CALCULATED IN FLOW	STORED DIVERSIONS		
1,710	101	1,173	1,585	AUG 25	28	1,852	208	2,060	2,747	203	AUG 26	
1,880	95	1,193	1,481	26	35	1,885	215	2,100	2,754	205	27	
1,850	125	1,195	1,961	27	30	1,790	210	2,000	2,771	201	28	
1,740	112	1,224	1,754	28	34	1,626	214	1,840	2,770	197	29	
1,490	98	1,396	1,540	29	23	1,327	203	1,530	2,775	193	30	
1,290	93	1,434	1,457	30	20	1,100	200	1,300	2,747	194	31	
1,180	58	1,665	900	31	25	975	205	1,180	2,747	194	SEPT 1	
1,140	57	1,650	899	SEPT 1	42	1,108	222	1,330	2,748	196	2	
1,390	38	1,665	601	2	104	1,206	284	1,490	2,754	167	3	
1,420	62	1,661	966	3	100	1,180	280	1,460	2,773	161	4	
1,420	64	1,674	1,007	4	76	1,314	256	1,570	2,803	166	5	
1,420	71	1,615	1,114	5	72	1,168	252	1,420	2,788	159	6	
1,140	66	1,605	1,041	6	34	826	214	1,040	2,777	159	7	
1,750	55	1,574	864	7	13	545	193	738	2,773	157	8	
1,560	49	1,621	763	8	16	408	196	604	2,770	155	9	
1,500	47	1,599	741	9	30	332	210	542	2,759	133	10	
1,450	32	1,642	509	10	97	313	277	590	2,796	129	11	
1,630	29	1,662	461	11	107	563	287	850	2,803	129	12	
1,720	31	1,731	477	12	130	860	310	1,170	2,806	122	13	
1,960	27	1,681	416	13	141	1,239	321	1,560	2,817	119	14	
1,140	30	1,600	472	14	118	1,322	298	1,620	2,813	114	15	
1,870	8	1,484	118	15	78	1,112	258	1,370	2,836	104	16	
1,590	23	1,483	353	16	56	1,014	236	1,250	2,814	102	17	
1,430	27	1,264	421	17	76	864	256	1,120	2,820	102	18	
1,390	22	1,222	336	18	64	826	244	1,070	2,831	99	19	
1,360	2	1,239	36	19	54	704	234	938	2,810	99	20	
1,150	5	1,219	85	20	53	490	233	723	2,815	99	21	
1,130	5	1,080	73	21	51	436	231	667	2,845	107	22	
1,970	26	1,091	400	22	47	225	227	452	2,834	107	23	
1,180	15	1,060	234	23	46	124	226	350	2,831	107	24	
1,930	29	1,050	461	24	39	305	219	524	2,836	105	25	
1,450	43	1,063	678	25	81	661	261	922	2,842	105	26	
1,300	32	1,480	488	26	88	441	268	709	2,837	105	27	
1,090	46	1,443	872	27	81	329	261	590	2,826	109	28	
1,240	56	1,410	852	28	78	480	258	738	2,823	110	29	
1,300	45	1,385	706	29	102	592	282	874	2,816	110	30	
1,300	38	1,347	594	30	106	676	286	962	2,823	114	OCT 1	
1,280	31	1,303	485	OCT 1	199	851	379	1,230	2,820	75	2	
1,750	22	1,301	338	2	344	1,301	939	2,240	2,820	82	3	
1,520	70	592	1,102	3	352	592	2,808	3,400	2,820	85	4	
1,630	107	9	1,684	4	264	9	3,961	3,970	2,820	66	5	
1,630	48	4	751	5	176	4	3,230	3,230	2,820	37	6	
1,910	32	0	506	6	279	0	3,050	3,050	2,820		7	
	4,782	75,348	75,102			75,102				15,117		

DAILY SEGREGATION

SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS OF ACRE- FEET	SNAKE RIVER NEAR IRWIN			IRWIN TO HEISE		HEISE & RILEY			STORE INFL HENRYS F
STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERIONS	STORED	NORMAL	TOTAL	
2,615	2,795	5,410	1,243	4,625	4,505	9,130	37		4,585	4,837	9,422	- 18
2,556	2,754	5,310	1,239	4,566	4,434	9,000	37		4,526	4,895	9,421	- 18
2,517	2,583	5,100	1,235	4,877	3,963	8,840	39		4,835	4,235	9,070	- 6
2,408	2,492	4,900	1,230	4,758	4,062	8,830	38	2	4,728	4,344	9,072	- 2
2,408	2,522	4,930	1,225	4,758	4,082	8,850	38	2	4,728	4,374	9,102	- 29
2,408	2,542	4,950	1,221	4,928	3,812	8,740	39	2	4,887	4,217	9,104	- 27
2,222	2,688	4,910	1,216	4,742	3,898	8,640	38	2	4,702	4,270	8,972	- 28
2,222	2,708	4,930	1,211	4,742	3,928	8,670	38	2	4,702	4,332	9,034	- 26
1,848	2,942	4,790	1,206	4,368	4,312	8,680	35	2	4,331	4,743	9,074	- 24
1,848	2,812	4,660	1,200	4,748	3,962	8,710	38	0	4,710	4,394	9,104	- 23
2,084	2,476	4,560	1,194	4,984	3,726	8,710	40		4,944	4,201	9,145	- 38
2,084	2,416	4,500	1,189	4,984	3,726	8,710	40		4,944	4,201	9,145	- 45
2,084	2,366	4,450	1,183	4,984	3,766	8,750	40		4,944	4,231	9,175	- 42
2,084	2,346	4,430	1,177	5,114	3,626	8,740	41		5,073	4,113	9,186	- 38
2,015	2,395	4,410	1,170	5,045	3,695	8,740	40		5,005	4,198	9,203	- 38
2,015	2,375	4,390	1,164	5,045	3,735	8,780	40		5,005	4,198	9,203	- 35
2,015	2,345	4,360	1,157	5,045	3,725	8,770	40		5,005	4,235	9,240	- 36
1,937	2,583	4,520	1,152	4,967	3,833	8,800	40		4,927	4,354	9,281	- 37
1,937	2,563	4,500	1,146	4,967	3,853	8,820	40		4,927	4,355	9,282	- 39
1,937	2,563	4,500	1,140	4,967	3,853	8,820	40		4,927	4,314	9,241	- 45
1,868	2,692	4,560	1,135	4,898	3,602	8,500	39		4,859	4,235	9,094	- 57
1,868	2,672	4,540	1,131	3,868	3,962	7,830	31		3,837	4,643	8,480	- 56
1,710	2,650	4,360	1,128	3,230	4,230	7,460	26		3,204	4,647	7,851	- 53
1,416	2,694	4,110	1,123	3,596	3,904	7,500	29		3,567	4,284	7,851	- 37
1,170	2,670	3,840	1,119	3,350	4,170	7,520	27		3,323	4,568	7,891	- 35
1,170	2,510	3,680	1,115	3,350	4,190	7,540	27		3,323	4,568	7,891	- 65
973	2,487	3,460	1,110	3,503	4,057	7,560	28		3,475	4,416	7,891	- 60
816	2,444	3,260	1,104	3,346	4,214	7,560	27		3,319	4,572	7,891	- 61
718	2,392	3,110	1,098	3,748	3,832	7,580	30		3,718	4,202	7,920	- 56
590	2,350	2,940	1,092	3,620	3,980	7,600	29		3,591	4,329	7,920	- 59
492	2,228	2,720	1,085	3,852	3,748	7,600	31		3,821	4,099	7,920	- 58

DATE	JACKSON LAKE CONTENTS ACRE- FEET	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS OF ACRE- FEET	STORAGE
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		
22	681,640	2,660	770	3,430	45	AUG 23	2,615	2,795	5,410	1,243	4.1
23	675,520	2,600	820	3,420	44	24	2,556	2,754	5,310	1,239	4.1
24	671,170	2,560	690	3,250	43	25	2,517	2,583	5,100	1,235	4.1
25	666,320	2,450	710	3,160	42	26	2,408	2,492	4,900	1,230	4.1
26	661,480	2,450	700	3,150	42	27	2,408	2,522	4,930	1,225	4.1
27	656,880	2,450	680	3,130	42	28	2,408	2,542	4,950	1,221	4.1
28	651,800	2,260	860	3,120	38	29	2,222	2,688	4,910	1,216	4.1
29	647,200	2,260	850	3,110	38	30	2,222	2,708	4,930	1,211	4.1
30	642,870	1,880	1,060	2,940	32	31	1,848	2,942	4,790	1,206	4.1
31	639,020	1,880	880	2,760	32	SEPT 1	1,848	2,812	4,660	1,200	4.1
SEPT 1	635,420	2,120	630	2,750	36	2	2,084	2,476	4,560	1,194	4.1
2	631,330	2,120	620	2,740	36	3	2,084	2,416	4,500	1,189	4.1
3	627,000	2,120	600	2,720	36	4	2,084	2,366	4,450	1,183	4.1
4	622,680	2,120	590	2,710	36	5	2,084	2,346	4,430	1,177	5.1
5	618,620	2,050	650	2,700	35	6	2,015	2,395	4,410	1,170	5.0
6	614,080	2,050	640	2,690	35	7	2,015	2,375	4,390	1,164	5.0
7	610,260	2,050	630	2,680	35	8	2,015	2,345	4,360	1,157	5.0
8	606,440	1,970	680	2,650	33	9	1,937	2,583	4,520	1,152	4.9
9	602,380	1,970	680	2,650	33	10	1,937	2,563	4,500	1,146	4.9
10	598,570	1,970	670	2,640	33	11	1,937	2,563	4,500	1,140	4.9
11	594,780	1,900	730	2,630	32	12	1,868	2,692	4,560	1,135	4.8
12	591,220	1,900	710	2,610	32	13	1,868	2,672	4,540	1,131	3.8
13	587,190	1,740	770	2,510	30	14	1,710	2,650	4,360	1,128	3.2
14	583,630	1,440	820	2,260	24	15	1,416	2,694	4,110	1,123	3.5
15	580,310	1,190	810	2,000	20	16	1,170	2,670	3,840	1,119	3.3
16	577,460	1,190	630	1,820	20	17	1,170	2,510	3,680	1,115	3.3
17	575,100	990	590	1,580	17	18	973	2,487	3,460	1,110	3.5
18	573,220	830	590	1,420	14	19	816	2,444	3,260	1,104	3.3
19	571,570	730	580	1,310	12	20	718	2,392	3,110	1,098	3.7
20	569,920	600	600	1,200	10	21	590	2,350	2,940	1,092	3.6
21	568,500	500	540	1,040	8	22	492	2,228	2,720	1,085	3.8
22	567,560	515	471	986	9	23	506	2,114	2,620	1,079	3.8
23	566,150	515	464	979	9	24	506	2,084	2,590	1,072	3.8
24	565,680	515	464	979	9	25	506	2,064	2,570	1,065	4.3

PLATE NO 14

PALISADES ACRE-FEET	RENTALS (1) ACRE-FEET	OTHER RIGHTS ACRE-FEET	TOTAL SUPPLY ACRE-FEET
	176	(2) 6,190	6,366
1,550			3,812
28,500		(2) 508	48,702
9,400	250	(2) 135	11,785
19,600		(2) 60	39,835
		(2) 480	480
1,440			1,440
		(2) 240	240
250			250
		(2) 60	60
		(2) 600	600
23,500		(2) 645	48,113
		(2) 400	400
15,700		(2) 4,031	25,910
		(2) 304	304
31,400			51,499
800		(2) 299	1,099
		(2) 1,100	1,100
1,600			2,640
800			800
6,300		(2) 940	11,240
7,850			16,952
3,150			7,171
4,700			5,058
		(2) 420	420
		(2) 890	890
6,300		(2) 190	6,490
4,700			4,700
1,200			2,597
6,000			6,000
5,500			5,500
1,200			1,200
		(2) 375	375
	200		200
44,000			51,361
15,250			36,480
		(2) 720	1,021
		(2) 246	279
4,190		(2) 470	5,094
58,800			94,941
(4) 33,750	250	(2) 2,255	81,843
5,600	200	(2) 200	10,665
6,000			15,538
35,300			91,892
	710	(2) 8,242	8,952
384,330	1,610	24,168	705,928
	750	(2) 150	900
4,050			24,183
11,750			11,750
35,000			76,780
152,800		(5) - 55	282,962
6,300			11,657
1,500			1,500
2,350			2,350
3,200			5,272
600			600
2,350		(6) -294	2,056
700		(6) 294	994
220,600	750	95	421,004
83,900		(8) -3,140	128,460
40,900		(8) -1,046	63,154
74,200		(9) 130,410	632,145
	1,020	(2) 2,330	3,350
90,800			138,393
1,000			401,000
116,600			866,967
			248,368
44,500	1,360		91,547
			45,000
(10) 34,440			34,440
		(8) 4,666	4,666
(11) 1,091,270	4,916	163,673	3,790,788

NOTES

- (1) RENTED FROM WATER DISTRICT NO. 36
- (2) FROM PALISADES WATER USERS
- (3) WEST LABELLE, 463 A.F.; LONG ISLAND 1,295
- (4) INCLUDES 2,350 A.F. TO WEST SIDE MUTUAL
- (5) TRANSFER TO ABERDEEN PUMP
- (6) TRANSFER FROM WATSON TO PARSONS
- (7) FORMERLY MINIDOKA NORTH SIDE PUMP
- (8) RENTED TO INDIVIDUALS THROUGH WATER DISTRICT 36
- (9) LAKE WALCOTT 94,140 A.F.; GAIN NEELEY TO MILNER 36,270
- (10) WYOMING 33,000 A.F.; CONTINGENCIES 1,440
- (11) DOES NOT INCLUDE FOLLOWING ALLOTMENTS:

CITY OF POCATELLO	50,000
SIMPLOT	2,500
WESTVACO	5,000
PALISADES WATER USERS	50,230

			OCTOBER								NO.	TOTAL		RESERVOIR EQUIVALENT ACRE-FEET	AMERICAN FALLS ACRE-FEET	JACKSON ACRE-FEET	PALISADES ACRE-FEET
29	30		1	2	3	4	5	6	7	8		SECOND-FeET	ACRE-FeET				
											1	156	309	330			
2	10	11	9	8	9	2	0				2	1,304	2,586	2,758	673	1,589	550
7	51	0									3	13,516	26,809	28,596	12,485	7,209	26,500
5	21	23	10	0	1	0					4	3,656	7,252	7,735		2,000	9,400
4	163	158	109	109	109	88	0				5	8,787	17,429	18,591	8,923	11,252	19,600
											6	24	48	51			
4	4	4	0								7	270	536	572			1,440
											8	0	0	0			
											9	115	228	243			250
											10	26	52	55			
7	7	7	5	3	1	4	0				11	298	591	630			
7	175	177	175	0							12	12,113	24,026	25,628	12,025	11,943	23,500
											13	211	418	446			
2	52	18	15	11	0						14	8,747	17,349	18,506	2,649	3,530	5,700
											15	97	193	206			
3	196	204	170	129	0						16	18,043	35,788	38,174	9,496	10,603	31,400
											17	417	827	882			800
											18	221	438	467			
2	22	22	22	0							19	289	573	611		1,040	1,600
7	7	20	22	24	0						20	363	720	768			800
5	43	41	20	2	16	0					21	3,359	6,662	7,106		4,000	6,300
5	45	37	48	58	49	31	0				22	4,877	9,673	10,318	3,868	5,234	18,500
											23	1,772	3,515	3,749	2,549	1,472	3,900
	12	12	58	9	0						24	2,391	4,742	5,058			1,700
											25	61	121	129			
											26	203	402	429			
9	7	0									27	1,581	3,136	3,313			6,300
											28	25	50	53			4,700
											29	34	67	71	986	511	1,200
											30	831	1,648	(3) 1,578			6,000
											31	1,573	3,120				2,300
											32	282	559	596			300
											33	105	208	222			
											34	76	151	161			
											35	303	601		4,666	2,695	44,000
1	32	12	0	0	8	8	0				36	1,950	3,868	4,126	13,459	7,771	15,250
	4	4									37	200	397	423	191	110	
											38	62	123	131	21	12	
											39	533	1,057	1,127	50	384	4,900
											40	10,580	20,985	22,384	22,911	13,230	58,800
											41	10,495	20,817	22,205	25,731	19,857	(4) 33,750
7	91	90	88	0							42	2,247	4,457	4,754	2,006	2,659	5,600
0	328	304	305	248	62	66					43	1,858	3,685	3,931	6,047	3,491	6,000
											44	26,994	53,542	57,111	26,367	30,225	35,300
											45	2,087	4,140	4,416			
7	1260	1144	1056	601	255	199	0				46	142,976	283,589		155,003	140,817	384,330
											47	0	0				
											48	933	1,851	1,974	12,763	7,370	4,050
											49	906	1,797	1,917			11,750
9	354	358	376	0							50	14,200	28,165	30,043	21,415	20,365	35,000
0	989	940	919	585	0						51	56,383	111,834	120,576	55,591	74,626	152,800
											52	176	349	372	3,396	1,961	6,300
											53	424	841	897			1,500
	0	1	1	1	3	0					54	657	1,303	1,390			2,350
											55	281	557	594	1,314	758	3,200
											56	0	0				600
5	4	4	5	6	6	4					57	954	1,892	2,018			2,350
											58	434	861	918			700
5	1347	1303	1301	592	9	4					59	75,348	149,450	160,699	94,479	105,080	220,600
											60	7,961	15,790		47,700		83,900
9	49	49	49	40	32	29	19				61	7,082	14,047		23,300		40,900
			1617	1012	269	0					62	184,817	366,579		241,505	186,030	74,200
											63	1,045	2,073				
			91	91	91	76	73	67	62	62	64	14,764	29,284		47,593		90,800
					1170	1120	1100	0	238	269	65	126,817	251,538		400,000		1,000
					2150	114	0				66	254,080	503,960		438,360	312,007	116,600
											67	68,094	135,062		151,185	97,183	
					111	105	100	0			68	17,690	35,088		45,687		44,500
					271	270	270	270	270	277	69	22,142	43,918		45,000		
											70						(10) 34,440
											71						
GRAND TOTALS															1,689,812	841,117	(11) 1,091,270

AS NOTED

1

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	
20	21	22	21	14	10	11	11	11	11	11	11	10	10	10	10	10	10	13	12	12	10	11	9	5	
212	205	144	141	80	53	0	55	52	21	137	135	138	135	135	140	146	96	106	59	57	51	0			
47	47	48	45	47	40	28	28	25	25	26	25	26	21	23	33	19	6	7	7	25	21	23	10	0	
147	149	149	148	153	140	140	137	149	150	158	157	162	150	157	175	0	56	56	140	164	163	158	109	109	
8	7	1	2	2		0									0	2	5	4	4	4	4	4	0		
										0	5	5	7	7	2	4	7	5	7	7	7	7	5		
272	234	237	229	235	162	177	179	137	147	157	182	237	272	272	190	181	172	175	175	175	175	177	175		
6	6	6	6	1	2	1	1	1	1	1	1	0													
66	175	180	181	200	198	114	88	83	88	93	90	70	93	91	35	58	84	86	86	52	52	18	15		
261	277	272	272	218	218	200	204	204	209	218	222	209	226	218	156	191	225	235	226	231	196	204	170	29	
5	5	0																							
1	1	1	14	14	14	0												0	20	21	22	22	22	0	
																		0	17	17	17	20	22	24	
40	56	53	56	50	46	34	32	29	30	31	28	32	23	33	43	40	36	42	40	45	43	41	20		
76	76	82	110	111	99	77	74	73	68	64	64	83	78	91	101	80	59	64	44	45	45	37	48	58	
31	3	3	3	3	0																				
32	35	41	48	48	39	2	0											0	21	21	12	12	58	9	
			0	3	0			0	3	7	6	9	3	2	10	2	0								
				0	4	4	4	4	1	0	0	5	3	4	4	4	0								
4	4	0			0	2	0				0	4	28	31	0			0	22	9	7	0			
4	2	5	4	2	2	0	0																		
	1	1	2	2	2	2	3	3	4	4	0				0	2	3	0							
42	21	0	35	38	28	25	25	11	0	23	28	31	32	32	15	0	31	37	32	31	32	12	0	0	
1	0						0	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
10	10	9	8	10	13	12	12	0																	
50	70	60	50	20	0																				
24	122	128	129	111	80	57	6	17	43	39	35	35	32	27	0	0									
38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	5	0								
73	74	75	76	76	84	65	0								0	5	5	0	83	87	91	90	88	0	
513	515	487	479	467	461	419	403	389	385	375	348	358	355	339	341	343	341	341	348	350	328	304	305	248	
10	10	10	7	0																					
2214	2164	2052	2105	1943	1729	1408	1304	1228	1228	1388	1380	1456	1516	1514	1297	1094	1140	1175	1349	1357	1280	1144	1056	601	2
406	415	439	444	442	437	408	408	208	206	203	163	0			0	10	410	356	344	349	354	358	376	0	
1180	1210	1210	1210	1170	1100	1070	1070	1050	1010	1030	1050	1080	1090	1060	1050	1050	1070	1080	1060	1030	989	940	919	585	
		0	63	61	52	0																			
3	0	4	6	4	7	6	5	6	6	6	6	0	1	0	0	3	0	1	0		0	1	1	1	
10	17	9	8	4	4	0																			
0																	0	6	6	6	4	4	5	6	
1599	1642	1662	1731	1681	1600	1484	1483	1264	1222	1239	1219	1080	1091	1060	1050	1063	1480	1443	1410	1385	1347	1303	1301	592	
85	77	77	77	70	67	62	54	52	52	50	50	50	58	58	58	56	56	56	60	61	61	65	28	42	
69	55	51	51	51	51	51	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	40	
												</													

DAILY STORAGE DIVERSIONS - M

24 HOUR SECOND- FEET EXCEPT AS

AUGUST

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
5	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	0							
19	21	22	24	22	21	21	21	22	21	20	22	22	24	22	24	24	24	25	25	25	6	23	23	20
166	167	128	87	50	38	37	0						0	57	96	96	93	43	42	45	164	172	135	212
0									0	4	4	1	0					0	2	31	31	24	50	47
165	166	166	173	171	170	170	164	165	165	176	163	127	128	126	127	128	128	129	135	156	156	149	136	147
2	3	0	2	0	2	2	1	2	0															
11	8	11	11	10	0					0	7	0								0	3	8	8	8
		0	5	5	0																			
0	1	1	0																					
4	5	5	4	4	0	6	7	7	8	3	7	0				0	2	3	5	4	6	6	0	
97	41	17	8	0	7	39	0		0	1	0	30	172	281	110	108	110	110	98	157	294	246	275	272
2	2	2	2	2	1	1	6	6	1	0	1	6	7	7	8	7	7	7	5	1	6	6	6	6
115	139	124	101	95	91	78	115	98	112	63	96	103	78	55	81	74	82	84	63	62	92	149	147	166
2	3	3	3	3	4	4	4	5	2	0			0	2	3	3	0							
336	294	294	258	286	290	258	300	249	249	204	191	231	253	253	272	244	254	254	245	231	254	249	263	281
6	7	0	9	9	7	7	2	8	9	3	2	14	16	4	0	0	2	1	1	0	8	0		
6	6	7	5	5	5	5	6	0	0	0	3	4	5	5	6	6	6	6	5	5	5	6	6	5
						0	9	12	12	0	0	7	8	0							0	7	1	1
25	58	56	61	61	29	34	28	25	25	32	29	25	21	25	25	24	22	45	50	49	47	42	43	40
33	34	80	40	34	58	54	43	74	64	75	45	48	46	52	51	51	70	70	77	77	68	67	68	76
0	0	9	11	17	9	11	9	11	11	11	6	6	0	11	0	3	0	53	31	25	20	0	31	31
37	37	29	35	34	40	39	21	21	21	29	34	19	25	19	48	48	44	36	40	55	56	39	41	32
12	12	4	6	6	10	2	2	0					0	4	4	4	4	6	9	4	4	1	0	
12	7	13	0		0	1	3	0				0	8	1	2	0	1	0			0	3	4	4
																0	4	4	0					
8	8	20	0	8	0			0	5	0														
1	4	0																						
1	2	7	2	2	2	1	5	4	0								0	4	0		0	2	4	
1	0	0	3	1	0													0	2	5	3	1	0	
					0	3	1	0	0	1	0													
38	40	41	40	19	0	34	42	44	45	47	26	0	28	42	42	42	44	22	0	28	42	44	44	42
0	4	4	4	4	4	6	0		0	3	5	5	5	5	5	5	5	5	5	5	5	3	0	
0										0	2	1	2	2	2	2	2	2	2	2	2	2	2	2
16	19	16	14	12	10	7	8	9	3	0								0	2	5	8	9	10	10
90	90	90	90	20	0			0	30	30	0	0	30	30	60	60	60	60	20	20	30	20	0	50
153	146	128	112	116	122	117	106	94	94	93	88	88	80	77	77	81	84	82	80	72	73	108	126	24
38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
0	0	7	11	9	11	16	7	11	0					0	22	68	79	86	55	55	55	56	72	73
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1844	1835	1817	1648	1504	1379	1432	1366	1336	1347	1250	1176	1168	1394	1567	1606	1571	1558	1576	1452	1570	1949	1941	2014	2242
0			0	8	3	0																		
37	0	0	3	13	18	22	13	18	13	3	15	39	225	230	439	401	406	406	415	406	401	401	430	408
10	0	730	710	710	710	690	690	1160	1160	1190	1180	1180	1170	1190	1210	1230	1230	1230	1230	1190	1180	1160	1180	1180
											0	5	0	3	7	8	9	0	8	6	8	0		
																	0	3	0			0	3	
																		0	2	0				
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113	115	115	108	95	104	114	112	112	112	110	112	108	104	101	102	102	104	92	91	96	89	89	87	85
90	90	90	90	76	71	88	92	92	91	91	91	91	91	91	91	91	91	74	69	69	69	69	69	69

9	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12
		2	2	2	2	2	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5
38	386	314	291	223	225	407	433	457	449	435	435	435	356	349	245	286	307	307	309	275	226	188	188	187
52	113	95	73	77	52	45	80	158	159	167	171	185	160	156	160	118	122	75	23	16	40	36	36	36
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										16	18	17	16	15	15	0				0	5	4	4	12
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2	1	0					0	2	2	1	1	1	2	2	1	0	0	1	1	1	1	1	0	
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9	209	209	209	219	239	249	269	269	269	0		0	269	259	279	289	269	279	269	249	249	249	239	209
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13	0				0	14	24	20	16	25	29	8	3	4	3	6	0	12	9	0	3	3	3	3
							91	91	97	97	101	95	100	98	116	84	98	70	56	47	66	63	61	43
14	14	14	0	17	67	87	89	89	87	22	67	61	64	58	72	41	33	0	3	25	68	62	41	28
33	17	17	17	17	21	0	1	0	66	82	50	43	56	34	40	40	53	67	67	58	21	6	23	28
						0	7	7	4	0		1	0				0	1	0					
22	17	33	65	65	59	71	59	75	65	46	30	62	72	60	63	64	29	8	8	8	4	4	1	2
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36	37	55	43	55	55	43	5	29	34	17	17	23	25	29	34	5	0	0	1	0				
42	4	98	104	13	73	83	98	109	104	111	0	90	94	94	73	52	28	0			0	4	5	11
12	1	16	9	20	13	6	14	15	18	20	7	7	7	7	7	8	1	0		0	3			

PLATE	D0
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	D0
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	D0
	D0
	D0

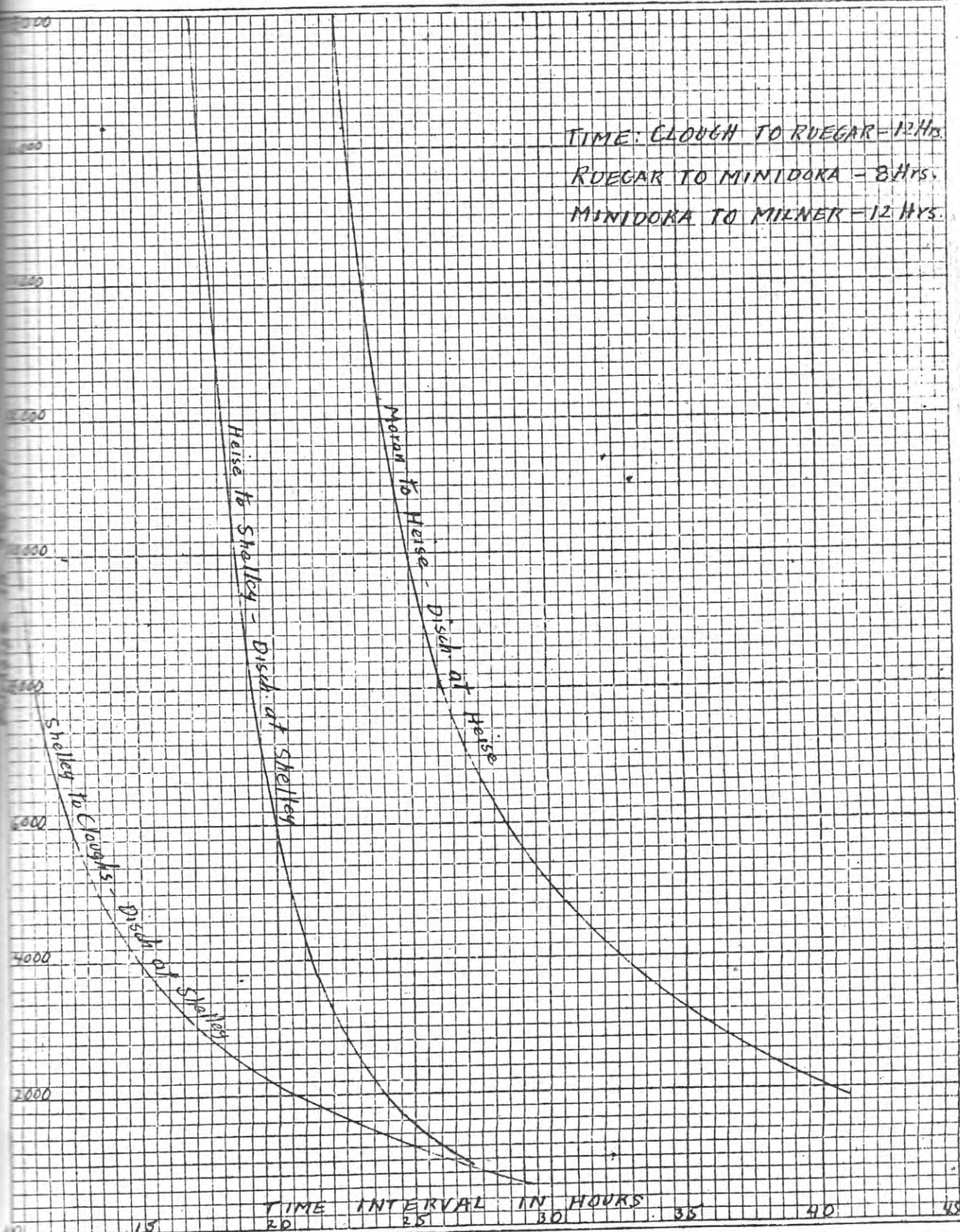
[illegible]

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

File Washington
Number District

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No. 15



[illegible]

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-------

[illegible]

584	574	585	579	581	583	626	589	600	605	614	626	647	659	664	660	596	582	557	564	574	573	523	501	501	531	561	546	545	560	586	17,9
59	56	53	42	30	30	29	28	28	27	30	33	33	33	33	31	29	28	30	31	37	36	35	32	32	39	38	32	39	40	39	
26	26	25	24	24	20	16	16	15	15	22	29	26	23	20	18	16	16	13	13	11	11	10	10	8	22	22	21	20	19		
82	85	88	84	84	83	82	83	85	87	84	82	80	79	82	85	89	87	79	74	60	58	44	42	41	51	56	62	63	62		
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213	191	204	200	212	212	254	222	226	281	240	251	266	270	266	261	193	193	189	171	119	115	193	189	197	224	231	212	204	209	231	
9	8	8	7	6	6	7	7	8	8	6	3	4	6	4	2	0															
126	125	124	127	130	132	134	133	132	131	127	123	133	144	152	160	168	158	153	153	149	149	146	143	144	143	143	142	139	153	150	
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66	79	79	91	91	96	100	96	102	102	101	101	101	100	106	102	99	93	87	87	83	81	80	80	75	74	74	74	78	78	78	
148	156	163	183	202	210	218	222	227	232	241	249	256	262	264	264	266	127	168	142	135	135	142	141	166	165	194	193	193	216	227	
147	154	160	178	195	203	211	214	218	222	228	233	240	246	250	254	257	114	155	128	122	122	139	138	162	161	189	188	188	207	210	
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584	574	585	579	581	583	626	589	600	605	614	626	647	659	664	660	596	582	557	564	574	573	523	501	501	531	561	546	545	560	586	

[illegible]

27	27	26	25	24	24	25	25	25	24	24	23	22	22	22	25	22	21	20	20	19	22	26	28	30	30								
114	112	111	110	110	111	110	110	109	109	106	103	82	101	90	126	210	178	137	150	143	158	190	186	277	284	279	282	288					
122	127	131	124	117	115	115	109	103	96	91	86	110	135	82	29	1	1	126	210	178	137	150	143	158	190	186	277	284	279	282	288		
474	474	474	476	472	472	472	472	472	472	462	451	440	453	462	482	483	501	476	451	266	258	259	282	329	401	476	470	480	453	480	499	492	480
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101	101	103	99	101	101	101	101	101	99	101	125	151	163	169	151	151	84	20	45	65	75	85	80	106	108	112	119	142	154	154	135	135	
246	236	226	206	185	184	183	176	168	160	186	211	242	274	248	118	190	84	85	82	80	79	114	114	216	235	263	259	293	299	247	5	5	5
1193	1190	1188	1156	1123	1118	1118	1093	1066	1035	1076	1135	1266	1373	1306	1177	1182	736	677	688	713	782	950	1081	1237	1271	1404	1450	1498	1470	1391	3	5	1
315	315	314	302	289	262	235	241	247	253	270	287	304	320	319	319	318	20	20	141	0	237	287	303	337	354	339	322	328	264	264	264	264	
58	66	74	68	63	58	48	47	45	44	48	46	56	54	51	47	44	22	21	20	33	35	48	53	50	50	44	36	62	60	60	60	60	
314	320	327	270	214	224	237	240	252	274	309	344	344	344	338	332	355	104	119	116	203	200	266	281	289	302	298	340	348	335	335	335	335	
162	178	193	193	193	186	178	159	140	122	123	124	163	202	228	254	219	151	147	146	144	140	139	135	123	120	259	272	287	291	277	277	277	
849	879	908	833	759	732	698	687	684	693	750	801	961	920	936	952	966	297	307	423	380	612	742	772	809	936	942	990	1025	950	926	24	1	1

TETON RIVER CANALS

14	14	15	15	14	12	12	10	8	8	14	14	15	16	18	21	19	18	17	19	13	13	14	16	18	11	16	16	16	4.1		
144	141	138	135	148	142	148	135	142	149	155	216	231	216	201	198	194	57	55	31	67	66	65	62	131	134	183	167	109	105	109	
109	112	114	116	114	111	110	109	108	107	111	104	119	112	105	110	114	121	107	100	106	113	98	89	107	114	112	110	107	106	101	
21	28	29	30	22	13	17	21	57	2	17	17	27	25	23	22	22	0						0	41	13	13	2	0	4		
0	12	24	38	40	47	38	28	39	50	40	25	25	12	0	1	2							0	25	22	22	22	22	22		
45	46	46	47	38	30	30	29	28	28	41	54	52	42	32	32	32	31	24	24	16	15	22	21	21	22	35	36	34	34	32	32
43	41	40	39	39	39	39	38	37	34	30	29	19	19	18	18	17	31	31	31	27	8	8	8	8	8	8	21	17	10	9	
26	26	27	27	24	24	24	26	24	24	24	21	22	22	21	26	31	38	34	17	17	21	20	20	24	23	22	23	19	19	19	
430	440	449	458	455	412	399	364	372	357	337	372	493	476	460	448	437	410	378	355	342	338	330	326	374	365	378	382	416	407	407	12.1
8	7	6	5	3	0																										
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5	22	40	58	36	13	13	13	19	25	32	29	58	62	66	65	64	0	5	8	5	5	5	5	67	52	42	32	46	34	57	9
49	48	48	41	54	62	64	66	64	61	46	46	39	38	37	36	36	45	47	43	41	38	38	41	22	22	34	31	19	21	52	1
0	2	3	4	2	1	0				0	3	3	2	0																	
19	19	23	18	18	17	16	16	16	16	14	15	7	14	18	22	20	18	18	26	26	20	21	18	17	21	17	20	15	13	14	15
30	26	28	20	18	17	16	16	16	16	12	19	14	18	22	20	18	18	26	26	20	21	18	17	21	17	20	15	13	14	15	15
237	249	264	264	271	294	264	298	251	233	285	237	270	241	299	307	296	295	285	257	255	306	259	233	246	241	261	255	120	161	216	1
17	17	16	16	15	14	15	16	16	15	15	21	10	10	9	9	14	15	19	8	10	9	10	12	6	1	11	15	15	16	16	36
1253	1292	1334	1363	1318	1300	1230	1223	1215	1135	1181	1224	1409	1365	1324	1354	1308	1083	1051	923	937	972	836	858	1110	1110	1185	1149	989	986	103	

CANAL

AUGUST 1967

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	20	15	18	23	23	0	23	23	22	22	27	26	27	27	22	22	22	19	18	0	15	15	15	16	15	7	15	15	14	572	
MARYSVILLE	228	225	225	214	196	234	232	231	231	228	165	162	160	161	191	189	189	0	176	184	171	171	152	135	136	115	116	118	128	728	5,191
TOTAL ABOVE SQUIRREL	248	240	243	237	219	234	235	234	233	230	192	188	187	188	215	211	211	22	22	195	202	171	186	167	150	152	130	123	143	142	5,763
FARMERS OWN	78	74	72	72	72	72	72	71	64	71	71	73	82	87	87	87	81	81	81	50	43	46	44	44	54	54	60	60	60	2,131	
ALMY	0	2	3	5	4	4	4	4	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	61	
ENTERPRISE	152	149	148	147	151	152	151	146	143	139	138	137	140	140	140	138	139	149	147	139	144	134	131	0	125	125	117	140	155	126	4,190
BELL	7	6	6	6	8	8	8	8	7	7	6	6	6	6	5	5	5	8	7	6	6	5	6	6	7	6	6	6	6	197	
FALL RIVER	231	228	228	231	254	247	247	254	249	249	244	244	244	238	238	238	233	256	242	233	215	215	222	217	208	200	204	206	219	219	7,168
MC BEE	1	1	1	1	1	2	2	2	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	2	1	1	1	31	
CHESTER	62	59	60	61	65	68	68	65	66	66	65	64	65	65	64	35	38	42	41	43	41	40	40	40	40	40	40	38	3	1,527	
SILKEY	19	21	21	21	23	25	25	24	21	22	18	17	16	18	16	16	16	23	23	21	21	22	26	12	13	12	12	12	12	12	583
CURR	39	38	45	46	47	49	47	48	46	46	46	46	44	44	43	44	43	50	48	49	46	41	48	48	50	49	48	48	48	48	1,436
TOTAL SQUIRREL TO CHESTER	589	578	584	590	646	627	624	622	597	601	589	588	599	600	595	565	563	612	592	577	557	515	508	392	498	486	479	508	477	478	17,324

HENRYS FORK CANALS

DEWEY	28	27	27	25	25	25	25	22	22	22	22	22	22	22	22	22	24	23	23	23	23	23	23	23	23	23	23	23	22	22	722
LAST CHANCE	81	81	81	86	86	86	79	81	74	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	2,182
CROSS CUT	301	285	281	270	298	297	284	267	279	274	278	283	283	280	286	290	291	295	287	281	283	284	290	289	289	289	289	289	289	289	8,878
ST. ANTHONY UNION	480	455	466	478	367	373	389	415	443	449	451	447	445	447	443	445	434	438	436	437	436	420	411	415	413	413	405	430	434	432	13,383
FARMERS FRIEND	87	72	72	101	57	47	43	43	45	33	41	64	44	46	46	28	29	28	23	31	38	38	48	48	35	23	23	23	23	24	1,325
TWIN GROVES	112	103	104	118	123	90	90	90	88	88	83	88	100	106	107	106	91	90	85	85	96	97	87	81	81	81	75	75	81	73	2,849
SALEM UNION	218	178	176	164	95	95	95	127	162	164	186	187	213	156	160	164	171	127	125	125	127	129	124	124	124	124	124	124	123	123	4,450
TOTAL ASHTON TO ST. ANTHONY	1307	1201	1207	1242	1061	1014	1019	1035	1066	1109	1111	1156	1154	1161	1170	1088	1093	1105	1054	1047	1070	1050	1035	1046	1038	1026	1000	1021	1019	1027	33,789
EGIN	276	261	262	262	68	151	199	240	247	258	271	280	294	283	287	251	244	332	269	289	271	274	267	253	211	256	289	269	265	233	7,848
ST. ANTHONY UNION FEEDER	58	57	56	62	40	40	40	40	45	50	48	48	47	46	52	47	50	46	50	44	44	42	39	39	39	37	42	42	44	42	1,442
INDEPENDENT	274	289	281	281	102	102	157	191	218	250	283	274	274	275	270	272	277	254	260	220	218	196	200	194	193	265	266	268	244	246	7,332
CONSOLIDATED FARMERS	259	214	213	208	173	109	108	106	104	104	119	148	147	147	146	144	148	147	151	149	149	149	149	152	137	149	149	126	126	128	4,743
TOTAL ST. ANTHONY TO REXBURG	861	821	812	813	383	402	504	582	619	736	781	149	761	757	750	717	715	783	724	702	680	658	655	658	578	712	746	730	677	647	21,345

TETON RIVER CANALS

SIDDOWAY	16	13	14	17	18	17	16	16	15	15	15	15	14	12	14	14	0	13	13	11	14	14	14	14	14	14	14	14	14	390		
WILFORD	110	104	116	116	124	121	119	148	137	139	134	134	128	125	120	114	118	111	107	106	105	104	103	101	93	92	91	85	87	88	3,492	
TETON IRRIGATION	101	99	111	108	107	114	114	108	104	102	99	97	102	92	89	87	85	86	88	89	93	96	99	103	107	115	115	116	116	118	3,175	
GOOD LUCK	13	14	14	16	17	0	2	20	0	31	31	18	0	0	12	10	0	6	39	4	0	20	20	1	1	0	0	7	4	7	314	
PIONEER	21	21	19	17	16	0	0	0	0	15	0	14	13	14	13	12	7	7	0	10	9	12	12	10	22	8	10	10	22	16	222	
STEWART	34	35	32	0	0	0	17	24	22	23	0	0	25	25	21	20	0	11	10	9	12	12	10	22	8	10	10	22	16	438		
PINCOCK-BYINGTON	10	8	8	9	8	7	8	8	12	12	10	10	10	12	9	9	8	7	8	12	12	12	10	10	8	10	11	11	10	9	298	
PINCOCK-GARNER	19	18	17	18	17	16	16	16	16	16	16	15	15	15	16	16	16	16	16	15	16	18	17	16	16	16	16	17	17	16	509	
GARDNER																															0	
TETON ISLAND FEEDER	416	405	407	391	391	386	354	328	328	321	330	313	309	309	304	300	309	304	304	304	258	254	254	254	250	239	143	210	270	274	2,513	
NORTH SALEM																															0	
ROXANA	22	24	22	24	23	25	13	14	14	17	8	11	14	14	34	39	37	38	28	28	14	14	13	12	12	7	8	5	6	7	554	
ISLAND WARD	51	63	53	64	62	5	4	4	29	28	42	46	42	17	60	28	28	29	29	29	2	2	1	4	6	6	6	2	3	3	750	
WOODMANSEE-JOHNSON	47	50	42	40	38	48	48	48	48	48	45	44	44	42	39	42	44	43	47	46	51	42	47	46	48	44	45	46	45	36	1,367	
EAMES-THOMPSON	0	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0	0	0	0	30	
MC CORMICK-ROWE	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	56	
CITY OF REXBURG	15	15	13	16	16	19	10	15	16	16	13	15	13	13	13	12	12	14	15	15	15	14	14	15	14	15	16	14	15	15	444	
REXBURG IRRIGATION	204	205	202	194	237	216	216	211	211	240	253	252	252	251	237	234	229	237	234	229	235	235	234	231	208	240	237	231	225	216	225	7,061
SAURY-SOMMERS	23	25	25	24	24	12	16	16	12	17	15	10	13	26	16	26	27	27	23	24	29	5	6	6	7	7	14	21	7	8	518	
TOTAL TETON RIVER	1103	1103	1099	1058	1104	980	919	969	968	1041	1038	996	971	969	1003	966	942	927	956	914	860	844	848	874	821	824	820	737	830	846	855	29,135

FALL RIVER CANALS

YELLOWSTONE	10	5	5	5	4	4	1	0	95	95	83	83	82	81	81	1	3	3	3	3	3	4	12	6	5	18	16	117
MARYSVILLE	114	115	115	97	95	95	95	88	95	95	88	83	82	81	81	81	81	80	80	80	80	80	98	98	98	98	97	2,703
TOTAL ABOVE SQUIRREL	124	118	118	100	98	99	99	96	88	95	95	83	83	82	82	82	84	84	83	83	83	84	92	104	103	116	113	2,620
FARMERS OWN	60	60	56	52	48	52	52	49	42	36	36	36	51	51	51	51	51	51	51	51	51	51	50	50	50	50	1,476	
ALMY	4	1	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	47	
ENTERPRISE	131	125	122	124	105	107	106	103	108	108	111	113	112	105	107	106	105	106	107	106	107	107	109	107	107	104	106	3,303
BELL	6	4	4	4	4	5	4	5	4	4	5	4	6	5	5	5	4	4	1	1	1	1	1	1	1	3	3	104
FALL RIVER	219	219	219	224	228	226	231	231	231	235	202	206	206	204	204	199	200	200	195	193	181	189	190	177	177	177	177	6,122
MC BEE	1	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	15	
CHESTER	2	4	4	4	2	2	2	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	75
SILKEY	12	10	10	10	10	13	13	14	15	11	10	11	12	11	11	11	9	9	9	8	9	9	12	18	17	16	16	358
CURR	41	43	43	43	42	42	39	39	38	39	38	18	19	18	17	17	16	16	27	27	28	27	28	28	26	26	27	890
TOTAL SQUIRREL TO CHESTER	482	465	461	464	464	450	446	448	435	432	435	385	396	407	397	393	389	390	395	391	381	389	386	385	382	381	382	12,392

HENRYS FORK CANALS

[illegible]

TETON RIVER CANALS

SIDDOWAY	12	13	11	11	11	9	11	11	8	9	9	7	0	4	4	4	8	7	7	8	8	8	12	8	8	7	9	9	8	252	
WILFORD	64	66	43	60	66	67	66	68	65	72	74	74	76	74	71	71	71	78	73	74	72	72	72	72	68	66	66	66	2,083		
TEIION IRRIGATION	107	106	103	107	106	106	98	108	108	105	105	71	71	68	57	59	62	77	83	81	86	97	92	90	91	91	90	34	2,633		
GOOD LUCK	7	3	3	3	2	0	0	16	24	22	0	0	20	17	17	20	20	20	14	14	14	14	13	13	13	13	10	316	3,164		
PIONEER	12	11	11	11	10	9	9	9	10	10	0	17	0	0	19	18	18	18	18	18	19	19	19	16	0	0	0	292	3,928		
STEWART	20	20	12	12	12	12	0	17	17	14	14	15	15	0	15	14	14	14	14	15	15	15	13	13	13	13	13	211	2,111		
PINCOCK-BYINGTON	9	8	8	7	9	9	8	8	7	7	8	8	7	4	7	4	6	7	7	7	7	7	7	7	7	7	7	372	3,723		
PINCOCK-GARNER	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	11	0	7,092		
GARDNER																												0	0		
TEIION ISLAND FEEDER	258	250	250	250	250	250	243	224	243	214	285	290	290	266	264	237	233	237	210	206	206	210	206	206	203	203	199	195	7,092	7,092	
NORTH SALEM																												0	0		
ROXANA						0	0	10	8	11	11	12	11	10	9	12	11	27	25	27	33	32	27	32	36	18	0	0	14	15	
ISLAND WARD	6	4	4	4	4	4	4	19	23	23	23	8	8	8	8	8	4	4	5	3	3	3	3	3	3	3	3	3	4	228	
WOODMANSEE-JOHNSON	43	51	38	36	34	33	30	26	33	32	31	33	32	32	32	31	31	30	21	21	21	18	18	18	17	18	18	21	853	8,533	
EAMES-THOMPSON	3	0						0	3	3	3	0					0	3	3	3	0	2	2	2	2	2	2	3	33	333	
MC CORMICK-ROWE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	43	4,343	
CITY OF REXBURG	16	16	14	13	13	13	13	14	16	17	16	16	17	17	17	17	17	15	15	15	15	15	10	10	7	10	14	5	5,144	5,144	
REXBURG IRRIGATION	213	210	201	187	176	171	148	128	175	207	196	215	231	217	208	199	181	184	152	147	139	139	142	134	142	139	142	149	5	5,144	
SAURY-SOMMERS	5	5	5	5	3	4	5	7	9	15	16	19	14	14	13	14	13	2	0	2	13	13	13	13	19	19	16	14	32	3,322	
TOTAL TETON RIVER	789	757	737	720	711	706	657	636	709	799	831	818	811	756	718	735	680	689	695	672	675	665	677	667	673	659	618	602	621	566	21,029

[illegible]

ISLAND PARK RESERVOIR CONTENTS CUMULATIVE CUBIC FEET	HENRYS FORK NEAR ISLAND PARK			ISLAND PARK TO ASHTON		DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE (1)	STORED DIVERSIONS ASHTON TO S. ANTHONY	HE AT STORE
	STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL			
90,100	550	600	1,150	14	4	AUG 29	532	1,528	2,060	110	481	16
88,900	550	600	1,150	14	4	30	532	1,548	2,080	115	463	18
87,720	550	600	1,150	14	4	31	532	1,548	2,080	119	463	19
86,920	480	600	1,080	12	4	SEPT 1	464	1,386	1,850	0	447	20
86,060	364	580	944	9	4	2	351	1,349	1,700		427	21
85,440	346	580	926	9	4	3	333	1,347	1,680		419	22
84,900	340	580	920	9	4	4	327	1,313	1,640		398	23
84,300	334	580	914	8	4	5	322	1,298	1,620		392	24
83,690	334	580	914	8	4	6	322	1,318	1,640		380	25
83,030	334	580	914	8	4	7	322	1,338	1,660		410	26
82,440	322	580	902	8	4	8	310	1,350	1,660		405	27
81,840	322	580	902	8	4	9	310	1,440	1,750		380	28
81,370	322	580	902	8	4	10	310	1,390	1,700		387	29
80,840	322	580	902	8	4	11	310	1,440	1,750		465	30
80,310	316	580	896	8	4	12	304	1,506	1,810		456	31
80,020	316	580	896	8	4	13	304	1,466	1,770		455	32
79,260	316	580	896	8	4	14	304	1,446	1,750		378	33
78,690	316	580	896	8	4	15	304	916	1,220		364	34
78,860	-12	570	558	0	4	16	-16	1,256	1,240		367	35
78,860	-12	570	558	0	4	17	-16	1,276	1,260		347	36
79,100	-12	570	558	0	4	18	-16	1,296	1,280		346	37
79,320	-2	570	568	0	4	19	-6	1,296	1,290		336	38
79,380	-2	570	568	0	4	20	-6	1,296	1,290		365	39
79,560	-2	570	568	0	4	21	-6	1,296	1,290		356	40
79,730	3	570	573	0	3	22	0	1,330	1,330		354	41
79,900	9	570	579	0	3	23	6	1,324	1,330		353	42
80,020	9	570	579	0	3	24	6	1,344	1,350		356	43
80,200	9	570	579	0	3	25	6	1,304	1,310		362	44
80,370	3	570	573	0	3	26	0	1,330	1,330		383	45
80,430	3	570	573	0	3	27	0	1,310	1,310		500	46
80,430	9	570	579	0	3	28	6	1,344	1,350		494	47
80,540	9	570	579	0	3	29	6	1,364	1,370		514	48
80,720	9	570	579	0	2	30	7	1,393	1,400		511	49
80,840	3	570	573	0	0	OCT. 1	3	1,457	1,460		467	50
81,140	9	570	579	0		2	9	1,471	1,480		346	51
81,430	9	570	579	0		3	9	1,411	1,420		207	52
81,900	14	570	584	0		4	14	1,406	1,420		194	53
81,720	9	570	579	0		5	9	1,471	1,480			54

ION OF FLOW 1967

PT AS NOTED

DATE	HENRYS LAKE CONTENTS ACRE-Feet	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	STORED DIVERSIONS ABOVE ISLAND PARK	F.M.DIST. SHERIDAN CREEK RIGHT	STORED INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-Feet	HENRYS NEAR ISLAND	
		STORED	NORMAL	TOTAL							STORED	NORMAL
AUG 27		65	36	101	3	12	12	62	AUG 28	90,100	550	500
28		65	36	101	3	12	12	62	29	88,900	550	600
29		65	36	101	3	12	12	62	30	87,720	550	600
30		65	36	101	3	12	12	62	31	86,920	480	600
31		65	29	94	3	12	12	62	SEPT 1	86,060	364	580
SEPT 1		75	39	114	3	12	12	72	2	85,440	346	580
2		75	39	114	3	10	12	74	3	84,900	340	580
3		75	39	114	3	10	12	74	4	84,300	334	580
4		75	39	114	3	10	12	74	5	83,690	334	580
5		75	39	114	3	10	12	74	6	83,030	334	580
6		70	44	114	3	10	12	69	7	82,440	322	580
7		70	44	114	3	10	12	69	8	81,840	322	580
8		70	44	114	3	10	12	69	9	81,370	322	580
9		70	45	115	3	10	12	69	10	80,840	322	580
10		70	49	119	3	10	12	69	11	80,310	316	580
11		70	47	117	3	10	12	69	12	80,020	316	580
12		70	47	117	3	10	12	69	13	79,260	316	580
13		70	45	115	3	10	12	69	14	78,690	316	580
14		70	45	115	3	10	12	69	15	78,860	- 12	580
15	77,600	70	47	117	3	10	12	69	16	78,860	- 12	580
16		65	52	117	3	8	12	66	17	79,100	- 12	580
17		65	52	117	3	8	12	66	18	79,320	- 2	580
18		65	52	117	3	8	12	66	19	79,380	- 2	580
19		65	56	121	3	8	12	66	20	79,560	- 2	580
20		65	54	119	3	8	12	66	21	79,730	3	580
21		60	61	121	2	5	12	65	22	79,900	9	580
22		60	63	123	2	5	12	65	23	80,020	9	580
23		60	63	123	2	5	12	65	24	80,200	9	580
24		60	61	121	2	5	12	65	25	80,370	3	580
25		60	61	121	2	0	12	70	26	80,430	3	580
26		55	66	121	2		12	65	27	80,430	9	580
27		55	62	117	2		12	65	28	80,540	9	580
28		55	62	117	2		12	65	29	80,720	9	580
29		55	60	115	2		12	65	30	80,840	3	580
30		55	60	115	2		12	65	OCT. 1	81,140	9	580
OCT 1		55	60	115	2		12	65	2	81,430	9	580
2		40	64	104	2		12	50	3	81,900	14	580
3	75,200	50	67	117	2		12	60	4	81,720	9	580
TOTAL		4,160			171	834	960	4,115			31,23	
											(1) LISTED HERE ONE DAY	

FORK - DAILY SEGREGATION OF

24 HOUR SECOND - FEET EXCEPT AS NOTED

HENRYS FORK AT ST. ANTHONY			STORED DIVERSIONS ST. ANTHONY TO REXBURG		DATE	HENRYS FORK NEAR REXBURG		
STORED	NORMAL	TOTAL	HENRYS FORK	TETON RIVER		STORED	NORMAL	TOTAL
- 4	1,484	1,480	24	17	JULY 18	- 45	2,725	2,680
11	2,159	2,170	0	144	19	- 133	3,543	3,410
21	2,149	2,170		90	20	- 69	3,319	3,250
- 111	2,021	1,910		23	21	- 134	2,934	2,800
- 107	1,787	1,680		20	22	- 127	2,447	2,320
60	1,380	1,440		11	23	49	1,831	1,880
61	1,159	1,220		11	24	50	1,480	1,530
80	1,000	1,080		11	25	69	1,151	1,220
146	840	986	0	11	26	135	821	956
- 50	1,048	998	1	181	27	- 232	1,146	914
259	791	1,050	5	214	28	40	898	938
480	770	1,250	18	390	29	72	948	1,020
618	712	1,330	33	253	30	332	818	1,150
716	674	1,390	37	224	31	455	805	1,260
808	692	1,500	22	334	AUG 1	452	928	1,380
839	601	1,440	4	310	2	525	755	1,280
428	862	1,290	0	311	3	117	1,033	1,150
371	839	1,210		295	4	76	1,044	1,120
45	1,175	1,220		269	5	- 224	1,854	1,630
87	1,373	1,460	0	317	6	- 230	2,140	1,910
84	1,456	1,540	1	215	7	- 132	2,052	1,920
495	1,005	1,500	1	218	8	276	1,484	1,760
503	917	1,420	1	229	9	273	1,337	1,610
442	788	1,230	1	246	10	195	1,105	1,300
329	801	1,130	1	299	11	29	1,141	1,170
165	945	1,110	0	309	12	- 144	1,234	1,090
- 82	1,112	1,030		285	13	- 367	1,397	1,030
- 57	1,087	1,030	0	290	14	- 347	1,407	1,060
- 56	1,076	1,020	275	274	15	- 605	1,605	1,000
- 74	1,048	974	270	312	16	- 656	1,676	1,020
- 29	1,079	1,050	272	280	17	- 581	1,681	1,100
44	1,126	1,170	277	277	18	- 510	1,760	1,250
386	1,004	1,390	286	271	19	- 171	1,571	1,400
402	988	1,390	261	293	20	- 152	1,572	1,420
226	1,094	1,320	221	251	21	- 246	1,706	1,450
187	1,153	1,340	219	224	22	- 256	1,756	1,500
253	1,117	1,370	197	223	23	- 167	1,697	1,530
237	1,183	1,420	200	226	24	- 189	1,749	1,560
331	999	1,330	194	205	25	- 68	1,538	1,470
156	1,144	1,300	193	194	26	- 231	1,651	1,420
169	1,131	1,300	265	199	27	- 295	1,645	1,350
192	1,108	1,300	266	197	28	- 271	1,721	1,450
180	1,150	1,330	268	194	29	- 282	1,692	1,410

DATE	HENRYS LAKE CONTENT'S ACRE-Feet	STO
AUG 27		
28		
29		
30		
31		
SEPT 1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15	77,600	
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
OCT 1		
2		
3	75,200	
TOTAL		

GAL	STORED LOSS LAKE TO ISLAND PARK	STORED DIVERSIONS ABOVE ISLAND PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORED INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESEVOIR CONTENTS, ACRE-FEET	HENRYS FORK NEAR ISLAND PARK			ISLAND PARK TO ASHTON		DATE
							STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	
					JULY 16	135,530	34	750	784	1		JULY 17
44	1	0	12	41	17	135,360	43	769	812	1	5	18
38	1	10	12	31	18	136,100	48	800	848	1	5	19
34	1	10	12	31	19	135,940	56	780	836	1	5	20
26	1	10	12	31	20	135,770	56	750	806	1	5	21
19	1	10	12	31	21	135,450	84	700	784	2	5	22
12	1	15	12	26	22	135,120	82	652	734	2	5	23
11	1	15	12	26	23	134,960	98	620	718	2	5	24
90	1	15	12	26	24	134,880	167	600	767	4	5	25
74	1	15	12	21	25	134,720	296	600	896	7	5	26
76	1	15	12	21	26	133,750	650	590	1,240	16	5	27
77	1	15	12	21	27	132,630	850	590	1,440	21	5	28
77	1	15	12	21	28	130,720	1,010	580	1,590	25	5	29
76	1	15	12	16	29	128,680	1,130	570	1,700	28	5	30
77	1	15	12	16	30	126,560	1,150	570	1,720	29	5	31
77	1	15	12	16	31	124,550	1,130	570	1,700	28	5	AUG 1
99	1	15	12	16	AUG 1	122,720	790	600	1,390	20	5	2
66	1	15	12	16	2	121,200	730	600	1,330	18	5	3
53	1	15	12	16	3	119,680	730	600	1,330	18	5	4
50	1	15	12	16	4	118,340	720	600	1,320	18	5	5
49	1	15	12	16	5	117,080	730	600	1,330	18	5	6
67	1	15	12	26	6	115,890	720	610	1,330	18	5	7
90	2	15	12	45	7	114,570	720	610	1,330	18	5	8
91	2	15	12	45	8	113,180	650	610	1,260	16	5	9
91	2	15	12	45	9	112,170	520	610	1,130	13	5	10
91	2	15	12	45	10	111,090	520	610	1,130	13	5	11
93	2	15	12	45	11	110,080	520	610	1,130	13	5	12
93	2	15	12	45	12	109,080	540	610	1,150	14	5	13
94	2	15	12	45	13	108,090	540	610	1,150	14	5	14
95	2	15	12	45	14	107,100	540	610	1,150	14	5	15
97	2	15	12	45	15	106,200	540	610	1,150	14	5	16
97	2	15	12	45	16	105,220	620	580	1,200	16	4	17
95	2	12	12	53	17	103,970	750	580	1,330	19	4	18
95	2	12	12	53	18	102,600	750	580	1,330	19	4	19
95	2	12	12	58	19	101,240	740	580	1,320	18	4	20
95	2	12	12	58	20	99,880	720	590	1,310	18	4	21
95	3	12	12	62	21	98,480	720	590	1,310	18	4	22
97	3	12	12	62	22	97,080	700	600	1,300	18	4	23
98	3	12	12	62	23	96,700	660	600	1,260	16	4	24
00	3	12	12	62	24	94,520	580	600	1,180	14	4	25
98	3	12	12	62	25	93,420	570	600	1,170	14	4	26
98	3	12	12	62	26	92,320	560	600	1,160	14	4	27
00	3	12	12	62	27	91,240	560	600	1,160	14	4	28

DATE	HENRYS LAKE CONTENTS ACRE-FEET	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLANDPARK	STORED DIVERSIONS ABOVE ISLANDPARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORED INFLOW TO ISLANDPARK RESERVOIR	DATE	ISLAND PARK RESEVOIR CONTENTS ACRE-FEET
		STORED	NORMAL	TOTAL						
JULY 15	85,300								JULY 16	135,530
16		30	114	144	1	0	12	41	17	135,360
17		30	108	138	1	10	12	31	18	136,100
18		30	104	134	1	10	12	31	19	135,940
19		30	96	126	1	10	12	31	20	135,770
20		30	89	119	1	10	12	31	21	135,450
21		30	82	112	1	15	12	26	22	135,120
22		30	81	111	1	15	12	26	23	134,960
23	84,900	30	60	90	1	15	12	26	24	134,880
24		25	49	74	1	15	12	21	25	134,720
25		25	51	76	1	15	12	21	26	133,750
26		25	52	77	1	15	12	21	27	132,630
27		25	52	77	1	15	12	21	28	130,720
28		20	56	76	1	15	12	16	29	128,680
29		20	57	77	1	15	12	16	30	126,560
30		20	57	77	1	15	12	16	31	124,550
31		20	59	79	1	15	12	16	AUG 1	122,720
AUG 1		20	46	66	1	15	12	16	2	121,200
2		20	33	53	1	15	12	16	3	119,680
3		20	30	50	1	15	12	16	4	118,340
4		20	29	49	1	15	12	16	5	117,080
5		30	37	67	1	15	12	26	6	115,890
6		50	40	90	2	15	12	45	7	114,570
7		50	41	91	2	15	12	45	8	113,180
8		50	41	91	2	15	12	45	9	112,170
9		50	41	91	2	15	12	45	10	111,090
10		50	43	93	2	15	12	45	11	110,080
11		50	43	93	2	15	12	45	12	109,080
12		50	44	94	2	15	12	45	13	108,090
13		50	45	95	2	15	12	45	14	107,100
14	83,200	50	47	97	2	15	12	45	15	106,200
15		50	47	97	2	15	12	45	16	105,220
16		55	40	95	2	12	12	53	17	103,970
17		55	40	95	2	12	12	53	18	102,600
18		60	35	95	2	12	12	58	19	101,240
19		60	35	95	2	12	12	58	20	99,880
20	82,200	65	30	95	3	12	12	62	21	98,480
21		65	32	97	3	12	12	62	22	97,080
22		65	33	98	3	12	12	62	23	96,700
23		65	35	100	3	12	12	62	24	94,520
24		65	33	98	3	12	12	62	25	93,420
25		65	33	98	3	12	12	62	26	92,320
26		65	35	100	3	12	12	62	27	91,240

		OCT.				NO.	TOTAL		RESERVOIR ALLOTMENTS IN ACRE-FEET					
9	30	1	2	3	4		SECOND- FEET	ACRE- FEET	FREMONT- MADISON	HENRYS LAKE	OTHER RIGHTS	RENTALS	TOTAL	HEADGATE EQUIVALENT
						1	832	1,650	1,590		(1) 1,280		2,870	2,750
2	0					2	320	635	689				689	672
						3	140	278	313				313	305
3	3					4	309	613	700				700	682
8	8					5	752	1,530	1,479			(2) 50	1,529	1,491
						6	211	419	165			(2) 250	415	405
5	5					7	382	758	240		(3) 683		923	917
8	16	16	16	0		8	553	1,097	1,664				1,664	1,622
8	97	97	97	0		9	6,323	12,541	19,800				19,800	19,305
5	45	45	0			10	2,652	5,260	8,103				8,103	7,900
						11	21	42	80				80	78
6	106	107	107	107	100	12	9,107	18,182	10,180		(4) 16,071		26,251	24,991
						13	45	89	140				140	136
						14	22	44	7,968		(5) 1,625		6,343	6,184
1	1	0				15	1,102	2,186	1,537		(5) 705		2,242	2,186
						16	11	22	511				511	498
						17	9	18	50				50	49
15	15	15	15	8	8	18	1,381	2,739	619	1,180		(2) 1,050	2,849	2,732
58	58	58	58	58	52	19	3,836	7,609	1,875	11,426			13,301	12,523
						20	0	0	3,382	5,544			8,926	8,486
53	53	53	53	34	34	21	3,485	6,912	5,595		(7) 1,494		7,089	6,912
04	104	76	0			22	829	1,644	5,705		(8) - 800		4,905	4,782
						23	161	319	7,523	19,973	(8) - 260		27,236	25,776
14	511	467	346	207	194	24	31,391	62,302	77,629	38,123	16,268	1,350	133,370	127,960
						25	32	64	2,342	5,544	(9) - 376		7,510	7,105
17	117	123	123	0		26	9,608	19,057	9,172	22,193			31,365	29,715
44	39	39	0			27	495	982	5,097	16,640			21,737	20,545
						28	14	28	28				28	28
61	156	162	123			29	10,149	20,131	16,639	44,377	- 376		60,640	57,393

IMERS FRIEND; 800 FROM TWIN GROVES;
EGIN

END

ERS FRIEND; 136 TO STEWART

AND FALL RIVER

1967

SEPTEMBER																					OCT.			
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
10	10	10	10	10	10	8	8	8	8	8	5	5	5	5	0									
4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	2	0				
1	1	1	1	1	0																			
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
10	10	10	10	10	10	10	10	10	5	5	3	3	3	3	3	3	8	8	8	8				
									0	4	2	0	0	4	4	4	4	0						
5	5	5	5	5	5	5	5	5	4	4	4	4	3	2	1	1	1	3	5	5				
			0	1	1	1	1	3	3	3	3	3	3	3	4	12	6	5	18	16	16	16	0	
95	95	83	83	82	81	81	81	81	81	80	80	80	80	80	80	80	98	98	98	97	97	97	0	
31	31	31	31	46	46	46	46	46	43	43	43	43	43	43	43	43	45	45	45	45	45	0		
						0	1	0						0	1	0								
108	108	111	113	112	105	107	106	105	106	107	106	106	107	107	109	107	107	106	106	106	107	107	107	00
		0	1	0																				
0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0		
0	2	0																						
18	18	18	18	17	17	17	14	14	13	14	14	14	13	13	14	15	15	14	15	15	15	15	8	8
63	63	63	63	63	63	63	62	62	62	62	60	60	60	60	60	60	58	58	58	58	58	58	58	52
37	38	38	36	37	32	33	16	15	14	38	36	36	36	36	38	53	51	51	53	53	53	53	34	34
14	90	92	90	0												0	102	102	104	104	76	0		
387	465	456	455	378	364	367	347	346	336	365	356	354	353	356	362	383	500	494	514	511	467	346	207	34
206	206	178	160	160	160	142	140	142	140	142	143	143	147	147	127	123	123	123	117	117	123	123	0	
0	46	48	52	0												0	44	44	44	39	39	0		
206	252	226	212	160	160	142	140	142	140	142	143	143	147	147	127	123	167	167	161	156	162	123		

A. F.; AMERICAN FALLS 10,188 A.F.

CHESTER; 194 TO FARMERS FRIEND;
65 TO STEWART

L RIVER CANAL

(7) TRANSFER 194 A.F. FROM FARMERS FRIEND; 800 FROM TW
260 FROM SALEM; 240 FROM EGIN

(8) TRANSFER TO FARMERS FRIEND

(9) TRANSFER 240 A.F. TO FARMERS FRIEND; 136 TO STEWART

24 HOUR SECOND-FEET EXCEPT AS NOTED

(6) TRANSFER FROM FALL RIVER CANAL

STORAGE DI

							AUGUST																			
5	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
5	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	12	12	12	12	
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	
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	
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	
	15	16	15	16	20	20	20	15	17	17	16	15	14	13	13	15	16	15	15	11	10	10	10	9	10	
	6	6	7	8	8	10	10	6	6	5	5	6	6	5	4	2	3	4	4	4	6	8	5	5	5	
	8	9	7	6	8	7	6	11	11	10	10	11	11	10	10	10	10	8	7	6	4	3	4	8	8	
										23	23	0				0	2	26	27	27	24	22	22	22	22	
										214	196	234	0				0	162	160	161	191	189	189	0	0	
								21	19	19	19	19	0			0	18	65	74	79	79	79	79	73	73	
								1	1	1	1	1	1	1	0			0			0	1	1	1	1	
4	143	143	142	139	153	150	152	149	148	147	151	152	151	146	143	139	138	137	140	140	140	138	139	149	47	
						1	2	1	1	1	3	3	3	3	2	2	1	1	1	1	0		0	3	2	
	0	11	2	0	0	2	0								0	2	0						0	5	0	
										60	64	67	0			0	64	63	64	64	63	34	37	41	40	
										0	1	3	0								0	1	1	1	0	
										0	1	0										0	2	0	0	
			28	30	30	30	28	27	27	25	25	25	25	25	22	22	22	22	22	22	22	22	24	23	23	
								81	81	86	86	86	0			0	76	71	69	71	65	65	65	65	65	
	154	184	176	162	152	130	87	72	72	101	57	47	43	43	45	33	41	64	49	45	40	28	29	28	23	
				0	3	3	0																			
		23	19	53	59	7	0																			
12	334	400	404	422	441	368	313	392	391	717	665	678	262	254	247	233	397	644	638	637	650	605	611	441	425	
																							0	32	0	
																					275	270	272	277	254	260
	0	4	17	32	36	22	4	0																		
	1	1	1	1	1	0					0	1	1	1	1	1	0	0						0		
0	1	5	18	33	37	22	4	0			0	1	1	1	1	1	0	0	0	275	270	272	277	286	260	

(1) FROM PAL

(2) RENTED FR

(3) DRAFT FR

NAME OF CANAL	NO.	JULY													
		17	18	19	20	21	22	23	24	25	26	27	28	29	30
USERS ABOVE ISLAND PARK DAM	1	10	10	10	10	15	15	15	15	15	15	15	15	15	
MISCEL. ISLAND PARK TO ASHTON	2	5	5	5	5	5	5	5	5	5	5	5	5	5	
MISCEL. ASHTON TO ST. ANTHONY	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
USERS ON FALLS RIVER	4	5	5	5	5	5	5	5	5	5	5	5	5	5	
CONANT CREEK CANAL	5										15	16	15	16	
BOOM CREEK CANAL	6										6	6	7	8	
SQUIRREL CREEK CANAL	7										8	9	7	6	
YELLOWSTONE	8														
MARYSVILLE	9														
FARMERS OWN	10														
ALMY	11														
ENTERPRISE	12	28	18	13	153	149	9	6	3	4	143	143	142	139	
BELL	13														
FALL RIVER CANAL	14										0	11	2	0	
CHESTER	15														
SILKEY	16														
CURR	17														
DEWEY	18												28	30	
LAST CHANCE	19														
ST. ANTHONY UNION	20														
FARMERS FRIEND	21										154	184	176	162	
TWIN GROVES	22	1	0											0	
SALEM UNION	23											23	19	53	
TOTAL ASHTON TO ST. ANTHONY	24	37	26	21	161	157	17	14	11	12	334	400	404	422	
EGIN	25														
INDEPENDENT	26														
CONSOLIDATED FARMERS	27										0	4	17	32	
SORENSEN	28										1	1	1	1	
TOTAL ST. ANTHONY TO REXBURG	29									0	1	5	18	33	

PLATE NO 23

		OCTOBER				NO.	TOTAL		RESERVOIR ALLOTMENT IN ACRE-FEET				
29	30	1	2	3	4		SECOND FEET	ACRE FEET	FREMONT MADISON	OTHER RIGHTS	RENTALS	TOTAL	HEADGATE EQUIVALENT
21	32					1	2,373	4,707	3,226			3,226	5,110
						2	271	538	1,608			1,608	2,547
						3	136	270	837			837	1,326
						4	0	0	631			631	1,000
						5	0	0	181			181	287
						6	0	0	297			297	470
						7	77	153	168			168	266
21	32					8	2,857	5,668	6,948			6,948	11,006
14	13					9	1,742	3,455					
6	6	6	6	6	6	10	739	1,466	1,591			1,591	1,551
						11	354	702	700	(1) 1,750		2,450	2,323
20	19	6	6	6	6	12	2,835	5,623	9,239	1,750		10,989	14,880
51	51					13	8,648	17,153					
						14							
						15	0	0	503			503	490
						16	2	4	1,386	(2) - 271		1,115	1,087
						17	1,683	3,338	2,874	(3) 550		3,424	3,338
3	0					18	258	512	367		(4) 150	517	504
						19	187	371	144		(4) 200	344	335
4	4	4	4	4	4	20	522	1,035	479	(5) 583		1,062	1,035
						21	148	294	285			285	278
3	2	2	2	2	2	22	395	783	504	(6) 300		804	784
						23	288	571	9,355	(7) - 3,800		5,555	5,416
1	0					24	47	93	97			97	95
3	0					25	63	125	120			120	117
						26	302	599	754			754	735
						27	12	24	80			80	78
						28	763	1,513	1,539			1,539	1,501
9	6	6	6	6	6	29	1,265	2,509	3,603			3,603	3,513
0	6	0				30	(8) 4,008	7,950	4,637	(6) 3,500		8,137	7,934
						31	11	22	103			103	100
						32	8	16	17			17	17
23	18	12	12	12	12	33	9,962	19,759	26,847	862	350	28,059	27,357
43	37	18	18	18	18		12,797	25,382	36,086	2,612	350	39,048	42,237

FROM TETON RIVER

COND- FEET EXCEPT AS NOTED

1967

S E P T E M B E R																														O C T O B E R		
9	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							
67	66	65	48	48	48	40	41	38	26	25	24	24	23	23	23	23	23	23	23	23	21	32										
2																																
69	66	65	48	48	48	40	41	38	26	25	24	24	23	23	23	23	23	23	23	23	21	32										
44	42	41	40	30	30	30	25	25	23	16	15	15	15	14	14	14	14	14	14	14	14	13										
7	8	9	9	9	9	9	8	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6								
4	4	4																														
55	54	50	49	39	39	39	33	32	30	23	22	21	21	20	20	20	20	20	20	20	20	19	6	5	5							
57	91	91	89	94	94	94	94	96	96	96	94	94	94	69	62	54	54	52	51	51	51											
0	4	6	6	8	8	6	3	3	3	3	5	5	6	4	4	4	4	4	0													
0	6	14	12	0		0	10	7	7	10	10	10	4	4	4	4	4	4	3	3	3	0										
			0	6	0				0	8	7	7	7	7	8	8	8	5	0													
8	5	5	6	6	0	0	6	5	6	5	5	5	5	6	6	6	6	6	4	4	4	4	4	4	4							
0	0	1	1	0																												
4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2							
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0										
0	3	3	3	0						0	3	3	3	0		0	3	3	3	3	0											
								0	11	9	11	17	16	11	16	20	2	0														
1	8	7	6	8	7	7	7	6	6	5	0																					
19	23	23	23	8	7	8	8	8	4	4	5	3	3	3	3	3	3	3	3	9	6	6	6	6								
34	67	56	74	90	77	68	59	41	44	10	5	0								0	6	0										
67	121	120	136	131	104	94	98	74	85	59	56	55	49	40	46	49	34	22	17	23	18	12	12	12								
122	175	170	185	170	143	133	131	106	115	82	78	76	70	60	66	69	54	42	37	43	37	18	18	18								

IR CANAL

(4) RENTED FROM FREMONT-MADISON DISTRICT

IR- BARNER;

(8) REXBURG IRRIGATION USED PART OF CITY OF REXBURG DECREE

STORAGE DIVERSIONS FROM

24 HOUR SECOND-

37																									
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	
55	56	51	47	46	45	43	41	39	39	39	42	41	42	51	52	50	48	47	46	46	46	69	67		
5	3	2	2	2	2	2	3	3	0																
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2		
63	61	56	52	51	50	48	47	45	42	42	45	44	45	54	54	52	50	49	48	48	48	71	69		
38	39	38	34	32	31	31	30	29	28	26	26	28	27	28	33	33	32	31	30	30	30	30	44		
11	11	10	11	10	11	11	11	9	9	9	9	8	8	9	9	9	8	7	15	7	7	7	7		
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4		
54	55	56	54	51	48	48	48	47	44	43	41	41	42	41	43	46	46	44	42	49	41	41	41		
144	151	158	160	163	166	163	163	177	172	167	165	165	160	162	159	77	77	77	78	73	73	69	71		
						387						308											57		
46	50	43	43	39	38	37	36	35	33	25	24	23	17	19	20	0							0		
0		0	29	0	0	10	10	0															0		
0	0												0	7	5	1	0								
12	11	0	2	1	0	3	3	1	13	0	0	1	1	13	7	11	11	3	3	3	3	0	8		
2	2	1	1	0	1	5	5	5	3	3	1	3	4	4	3	2	2	1	1	0	2	2	1		
7	7	7	7	6	7	9	8	9	8	7	7	7	7	8	8	7	3	3	3	3	3	3	3		
							0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		0	3	3	3	0							0	3	3	3	0						0		
23	21	22	12	12	0																				
17	19	18	22	21	26	17	22	21	23	19	20	21	20	11	9	18	6	13	11	9	9	8	5		
28	28	29	29	29	2	2	2	1	4	6	6	6	2	3	3	6	4	4	4	4	4	4	19		
84	94	92	87	93	93	91	88	66	97	95	90	82	74	83	72	69	58	43	32	27	4	0			
	1	1	1	0																					
226	222	215	239	200	176	175	178	158	150	156	156	153	135	142	140	117	95	83	65	54	49	21			
280	277	271	293	251	224	223	226	205	194	199	197	194	197	183	183	163	141	127	107	103	90	62			

(2) TRANSFER 176 A. F. TO STEWART

(3) TRANSFER FROM FALL RIVER CANAL

(6) TRANSFER FROM TETON ISLAND FEEDER

(7) TRANSFER 300 A.F. TO PINCOCK-34
3,500 TO REXBURG IRRIGATION

(5) TRANSFER 136 A.F. FROM EGIN; 271 FROM TETON IRRIGATION;
176 FROM FALL RIVER

CANAL	NO.	JULY															
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
TRAIL CREEK IRRIGATION CO.	1	97	35	0	5	0				0	5	42	27	12	1	0	
STRING CANAL	2	15	15	5	5	5	5	5	4	4	4	4	4	16	16	7	
TETON CREEK CANALS	3	81	55	0													
SOUTH LEIGH CREEK CANALS	4																
NORTH LEIGH CREEK CANALS	5																
SPRING CREEK CANALS	6																
SWAMPS, MISC.	7								1	1	1	1	1	1	1	1	
TOTAL IN TETON BASIN	8	193	105	5	10	5	5	5	5	5	10	47	32	29	18	8	
EQUIVALENT AT ST. ANTHONY	9		119	65	3	6	3	3	3	3	3	6	29	20	18	11	
CANYON CREEK CANAL	10												23	22	21	20	
MISCELLANEOUS	11	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	
TOTAL ABOVE ST. ANTHONY GAGE	12	10	129	75	13	14	11	11	11	11	11	14	60	50	47	39	
CROSS CUT INFLOW	13	109	129	148	113	95	81	79	67	65	90	116	114	111	111	109	
TETON RIVER BELOW DIVERSIONS	14																
SIDDOWAY	15																
TETON IRRIGATION	16	0	2	0													
WILFORD	17												99	41	37	41	
GOOD LUCK	18									5	0	3	0			0	
PIONEER	19												11	12	11	11	
STEWART	20	2	0							0	8	27	25	25	23	23	
PINCOCK - BYINGTON	21			10	10	6	0					0	14	10	3	2	
PINCOCK - GARNER	22	0	7	3	0							0	14	10	10	10	
TETON ISLAND FEEDER	23											0	10	44	35	35	
GARDNER	24										1	1	1	1	1	1	
EAMES-THOMPSON	25																
ROXANA	26	0	1	0							0	3	0	12	5	15	
BIGLER	27	5	5	2	0												
WOODMANSEE-JOHNSON	28												5	0	0	26	
ISLAND WARD	29										52	42	32	46	34	57	
REXBURG IRRIGATION	30										101	124	113	0	18	74	
MC CORMICK - ROWE	31										3	3	3	2	0		
MISCELLANEOUS	32															0	
TOTAL BELOW ST. ANTHONY GAGE	33	7	15	15	10	6	0			0	170	200	330	203	177	295	
TOTAL TETON RIVER	34	17	144	90	23	20	11	11	11	11	181	214	390	253	224	334	

OF CROSS CUT CANAL DURING 1967

24 HOUR SECOND - FEET

MAY

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
17	17	17	20	23	26	27	28	24	20	19	17	16	13	10	29	49	62	72	85	75	67	97	128	133	136	141	142	144	1,689
0	0	0	0	0	0	15	30	40	49	48	47	46	50	54	62	69	70	72	73	75	78	79	80	79	79	78	80	82	1,436
17	17	17	20	23	26	28	31	36	41	39	36	34	35	36	48	60	62	63	65	66	66	74	82	82	82	82	92	103	1,497
0	0	0	0	0	0	14	27	28	28	28	28	28	28	28	43	58	70	81	93	86	79	102	126	130	133	137	130	123	1,628
																													0
																													0

JUNE

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
43	136	130	131	131	133	135	125	117	107	102	95	96	98	107	118	127	124	121	144	167	165	162	161	147	133	126	119	3,878
78	81	84	82	81	79	77	79	80	82	78	75	71	67	61	55	49	56	63	60	58	58	61	62	66	70	68	67	2,102
104	103	105	103	103	103	103	102	101	100	90	80	82	85	88	92	95	100	104	104	105	106	107	108	108	108	104	100	2,999
117	114	111	110	109	109	109	102	96	89	90	90	85	80	80	81	81	80	80	100	120	118	116	115	105	95	90	86	2,981
																												0
																												0

JULY

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	
31	124	117	115	115	109	103	96	91	86	110	135	82	29	91	126	210	178	137	150	143	158	190	186	277	284	279	282	288	4,677	
56	57	58	68	77	79	80	82	83	84	87	90	98	106	115	71	60	49	53	49	67	65	55	70	72	63	68	63	82	2,231	
100	100	100	95	90	92	93	95	97	99	95	93	62	31	0	67	74	61	60	60	71	70	72	72	92	94	93	89	92	2,509	
87	81	75	88	102	96	90	83	77	71	102	132	118	104	90	0	46	46	37	49	53	66	81	89	120	119	119	120	121	2,635	
														0	116	130	150	120	93	90	86	87	92	96	137	134	135	136	157	1,758
														0	109	129	148	113	95	81	79	67	65	90	116	114	111	111	109	1,537

AUGUST

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
281	270	308	298	297	286	267	279	274	278	283	283	280	286	290	297	295	287	293	281	283	284	290	289	289	284	279	284	297	8,878
75	76	89	98	101	102	105	83	90	88	81	83	81	79	78	78	84	81	75	75	76	74	70	70	68	67	69	71	66	2,514
96	92	100	99	100	101	103	101	105	108	107	111	104	108	100	99	103	104	106	102	103	104	99	100	105	100	100	104	99	3,158
97	98	97	101	103	104	104	95	87	90	80	79	85	85	88	88	88	78	77	71	71	74	73	73	73	73	72	72	75	2,670
164	156	200	196	195	183	165	166	172	168	177	176	172	172	180	188	188	186	185	183	185	180	188	186	179	178	176	179	189	5,564
116	124	160	168	165	160	150	150	148	141	143	145	156	144	151	158	160	163	166	163	163	177	172	167	165	165	160	162	159	4,798

SEPTEMBER

3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
190	190	187	183	188	179	182	222	225	219	219	214	214	212	207	215	212	213	210	211	196	169	159	152	140	135	137	148	5,721
56	56	56	55	56	56	54	53	52	61	63	61	61	61	59	59	46	45	55	51	51	54	49	56	55	56	55	55	1,678
90	91	89	88	91	88	87	84	84	84	84	84	84	84	84	86	86	85	85	85	85	87	85	85	85	84	84	85	2,598
68	66	66	64	66	66	73	78	80	83	73	70	72	70	73	75	63	64	73	74	74	68	66	66	56	53	49	59	2,048
88	89	88	86	87	81	76	113	113	113	125	121	119	119	109	113	109	109	107	103	88	68	57	57	54	54	59	59	2,753
77	78	73	73	69	71	57	91	91	89	94	94	94	94	96	96	96	94	94	94	69	62	54	54	52	51	51	51	2,313

SEASON LOSS = 1,427 + 10,075 = 14.2 %

TOTAL INTO TETON RIVER FOR SEASON = 8,648 S.F. = 17,153 A.F.

OPERATION OF CROSS CUT CANAL

24 HOUR SECOND- FEET

LOCATION	MAY																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DIVERTED AT HEAD	17	17	17	17	17	20	23	26	27	28	24	20	19	17	16	13	10
INFLOW FROM FALL RIVER CANAL	0	0	0	0	0	0	0	0	15	30	40	49	48	47	46	50	54
NORTH BRANCH DIVERSION	17	17	17	17	17	20	23	26	28	31	36	41	39	36	34	35	36
MIDDLE BRANCH DIVERSION	0	0	0	0	0	0	0	0	14	27	28	28	28	28	28	28	28
BELOW FALL RIVER CANAL DIVERSIONS																	
CROSS CUT AT END																	

LOCATION	JUNE																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DIVERTED AT HEAD	129	149	143	136	130	131	131	133	135	125	117	107	102	95	96	98	107
INFLOW FROM FALL RIVER CANAL	78	75	78	81	84	82	81	79	77	79	80	82	78	75	71	67	61
NORTH BRANCH DIVERSION	104	104	104	103	103	103	103	103	103	102	101	100	90	80	82	85	88
MIDDLE BRANCH DIVERSION	103	120	117	114	111	110	109	109	109	102	96	89	90	90	85	80	80
BELOW FALL RIVER CANAL DIVERSIONS																	
CROSS CUT AT END																	

LOCATION	JULY																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DIVERTED AT HEAD	122	127	131	124	117	115	115	109	103	96	91	86	110	135	82	29	91
INFLOW FROM FALL RIVER CANAL	64	60	56	57	58	68	77	79	80	82	83	84	87	90	98	106	115
NORTH BRANCH DIVERSION	100	100	100	100	100	95	90	92	93	95	97	99	95	93	62	31	0
MIDDLE BRANCH DIVERSION	86	87	87	81	75	88	102	96	90	83	77	71	102	132	118	104	90
BELOW FALL RIVER CANAL DIVERSIONS																	
CROSS CUT AT END																0	116

LOCATION	AUGUST																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DIVERTED AT HEAD	301	285	281	270	308	298	297	286	267	279	274	278	283	283	280	286	290
INFLOW FROM FALL RIVER CANAL	93	87	76	76	89	98	101	102	105	83	90	88	81	83	81	79	78
NORTH BRANCH DIVERSION	99	96	96	92	100	99	100	101	103	101	105	108	107	111	104	108	100
MIDDLE BRANCH DIVERSION	116	103	97	98	97	101	103	104	104	95	87	90	80	79	85	85	88
BELOW FALL RIVER CANAL DIVERSIONS	179	173	164	156	200	196	195	183	165	166	172	168	177	176	172	172	180
CROSS CUT AT END	141	136	116	124	160	168	165	160	150	150	148	141	143	145	156	144	151

LOCATION	SEPTEMBER																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DIVERTED AT HEAD	201	192	190	190	187	183	188	179	182	222	225	219	219	214	214	212	207
INFLOW FROM FALL RIVER CANAL	66	65	56	56	56	55	56	56	54	53	52	61	63	61	61	61	59
NORTH BRANCH DIVERSION	100	95	90	91	89	88	91	88	87	84	84	84	84	84	84	84	86
MIDDLE BRANCH DIVERSION	70	70	68	66	66	64	66	66	73	78	80	83	73	70	72	70	73
BELOW FALL RIVER CANAL DIVERSIONS	97	92	88	89	88	86	87	81	76	113	113	113	125	121	119	119	109
CROSS CUT AT END	77	77	77	78	73	73	69	71	57	91	91	89	94	94	94	94	96

SEASON LOSS = 1,427 + 10,075 = 14.2 %

TOTAL INTO TETON RIVER FOR SEASON = 8,648 S. F. = 1

SEPTEMBER

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
			72					86	78		80				75			72										68	
			3					5	15		15				13			12										3	
			28				22		22		22				22			22										22	
			10				13		9		9				9			9										9	
			4				7		7		4				5			4										4	
			6				19		19		16				16			16										16	
			6				11		11		8				8			8										8	
			10				19		19		11				12			10										10	
								14							12													10	
				21				21			22				21			17										15	
				12				12			13				12			11										10	
				5				5			5				5			4										5	
				18				8			19				18			9										6	
				8							8				8			8										8	
												</																	

S E P T E M B E R

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AUGUST																																			
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	
109					96			94			102			86	89			82	74	75	87	74	72												
29					24			21			21			18	13			13	13	13	15	13													
45	39				40			40	38		38			33	33			34	28	29	29	28													
12	15	15	15	15	15	15	15	15			15			12	13			11	11	11	10	10													
7	7	7	7	7	7	7	7	7			7			7	6			5	5	5	5	5													
25	25	23	22	21	21	21	21	21			21			20	20			16	16	15	16	16													
10	11	11	11	11	11	11	10	10			10			9	9			8	8	8	9	9													
5	5	5	5	5	5	5	5	5			5			4	4			4	4	4	4	4													
15	21	18	16	15	15	12	11				15			12	10			12	12	12	12	12													
	20							18			17			16				11			11														
	15							13			14			13				8			8														
	7							6			3			3				3			3														
	30					26			23				19						15																
	5							4						4					3																
	10							19						18					17																
	16							4						1					1																
	4																																		
	2																																		
		78				66			65			45							32			26		25		24				21					
		5				3			3			3							2			2		2		2									
						25			22			18							15			14		13		13				12					
						13			10			10							9			6		6		6				5					

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24 HOUR SECOND-FOOT

J U L Y

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
		264			195				157		161					132		127				94		124		110			109				
		105			88				63		63					44		40				30		24		28			29				
		47			36				50	50	53	40	40			39		39		49	49	40		40		46			45	39			
		22			22				26		20		20			20		20				12		12		13			12	15	15	15	15
		30			30				25		11		11			11		20				7		7		8			7	7	7	7	7
		54			50				50		25		25			25		35				24		24		27			25	25	23	22	22
		41			41				36		14		14			14		15				13		13		14			10	11	11	11	11
		21			21				17		7		7			7		8				4		4		5			5	5	5	5	5
		36			35				29		19		19			19		28				14		16		19			15	21	18	18	18
106						86					47						38					28			23				20				
29						28					23						21					18			17				15				
42						22					18						17					10			7				7				
		168				127			110		95				62			48					42				33			30			
		4						4			4							6					5				5			5			
		17						13			12							12					10				10			10			
		28						25			25							27					16				16			16			
		32						31			31							25					4				4			4			
		16						16			16							15					12				5			2			
		430							330		7				6		190				170		4		145			102					78
		35							35								33				3						35			29			
		26							26								26					30					23			23			
		9							9								14					33					5			5			
		70							70								73					15					63			57			
		165			245				230		170						162		135			0				38							30
					8				90							0					0												
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	M
STREAM	I 2 3 4 5 6 7 8 9 10 11 12 13 14 15
UPPER TETON RIVER	
TRAIL CREEK ABOVE STRING CANAL	
GAME CREEK NEAR MOUTH	
STRING CANAL (INCLUDES WARM CREEK)	
KIMBALL	
RICKS-KEARSLEY	
TOWN	
SPENCER	
HUMBLE	
TONKS	
FOX CREEK ABOVE DIVERSIONS	
NORTH CANAL ABOVE PIPE LINE	
CENTER CANAL	
DARBY CREEK ABOVE DIVERSIONS	
WINGER CANAL (WYO.)	
HILL	
TODD	
CANNON	
CHERRY GROVE	
TETON CREEK ABOVE DIVERSIONS	
MILL CREEK	
NORTH CANAL	
SOUTH CANAL	
WADDELL	
TOTAL WYOMING DIVERSIONS	
GRAND TETON CANAL	
TETON CREEK BELOW GRAND TETON CANAL	
CENTRAL CANAL (IDAHO)	
PRICE - FAIRBANKS	
DRAKE	
GROVE	
BOUQUET	
HENDERSON	
SOUTH TWIN	
NORTH TWIN	
MAHOGANY	
HORSESHOE	
PACKSADDLE	
PATTERSON	
SOUTH LEIGH CREEK AT STATE LINE	
LEIGH CREEK CANAL ABOVE STATE LINE	
KILPACK	
DESERT	
GALE-MOFFAT	
BELL-MC CRACKEN	
BLACK	
NORTH LEIGH CREEK AT FOREST BOUNDARY	
NORTH	
WEAVER	
SIDITCH	
CENTER	
HUBBARD	
SPRING CREEK AT HIGHWAY	
TETONIA	
BRECKENRIDGE	
HANKS	
BLAIR	
FULLMER	
BADGER CREEK AT RAMMELL ROAD	
HADEN	
PHILLIPS	
RICKS	
STEWART	
WARD	
CANYON CREEK CANAL	
BOOM CREEK CANAL	
MAIN RIVER AND HENRY'S FORK	
PALISADES CREEK BELOW CANAL	
PALISADES CANAL	
RAINEY CREEK ABOVE DIVERSIONS	
RAINEY CREEK BELOW MC KAY DAM	
CONANT CREEK CANAL	
MARKET LAKE SPRINGS	

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	513.290	472.010	481.410	486.930	498.930	505.160	507.940	491.550	555.000	828.650	787.990	635.420
2	509.340	472.240	481.860	486.930	499.160	504.930	508.180	488.320	570.000	832.720	782.720	631.330
3	505.400	472.240	482.100	487.160	499.630	504.930	508.410	484.850	585.000	837.560	777.460	627.000
4	499.400	472.240	482.550	487.160	500.090	504.930	508.180	481.180	598.570	844.420	771.940	622.680
5	492.700	472.240	482.780	488.780	500.550	504.930	507.710	476.820	602.550	847.740	767.450	618.620
6	486.010	472.700	483.470	489.240	500.780	504.930	507.940	472.010	621.250	848.000	762.720	614.080
7	479.340	473.160	483.930	489.240	501.010	505.160	508.180	467.660	634.220	848.250	758.740	610.260
8	474.530	474.070	484.620	489.470	501.240	505.160	508.410	463.990	644.560	848.760	753.760	606.440
9	471.780	474.300	484.620	489.470	501.240	505.400	508.180	460.550	655.190	849.280	748.780	602.380
10	470.640	474.530	484.620	489.240	501.470	504.930	508.180	457.830	667.780	848.760	743.560	598.570
11	470.410	475.220	484.850	489.010	501.240	504.470	508.410	457.830	678.230	848.000	738.620	594.780
12	470.180	476.600	484.850	489.010	501.010	504.010	508.640	454.420	687.250	846.460	733.180	591.220
13	470.180	477.050	485.080	489.470	500.550	504.930	508.640	449.870	698.720	846.720	727.990	587.190
14	469.260	477.280	485.550	489.700	501.700	505.400	508.410	445.770	707.810	847.480	723.040	583.630
15	468.580	477.740	485.780	490.160	502.160	505.160	508.640	442.360	715.670	847.740	718.120	580.310
16	468.350	478.200	485.780	491.090	502.630	504.930	509.340	439.630	723.290	848.000	712.960	577.460
17	468.120	478.890	486.010	490.860	503.090	505.400	509.570	436.690	730.210	847.740	707.560	575.100
18	468.120	479.120	486.010	490.860	503.780	505.400	508.870	434.660	737.380	846.460	702.650	573.220
19	467.890	479.340	486.010	491.090	504.930	505.400	507.940	433.980	744.550	844.170	697.500	571.570
20	467.890	479.570	486.240	491.320	505.160	505.630	507.480	434.430	753.510	841.630	692.130	569.920
21	468.350	480.030	486.240	492.930	505.400	505.860	507.250	435.560	765.210	838.320	687.010	568.500
22	468.350	480.030	486.240	495.010	505.400	506.090	506.090	438.950	775.950	835.010	681.640	567.560
23	468.580	480.720	486.240	495.470	505.160	506.090	504.700	446.000	786.730	831.190	676.520	566.150
24	468.800	480.720	486.470	495.700	505.160	505.860	504.700	454.870	796.770	827.890	671.170	565.680
25	469.030	480.720	486.470	495.930	504.930	505.860	503.320	462.620	802.330	823.310	666.320	564.500
26	469.030	481.180	486.700	496.390	504.700	506.090	501.470	472.700	806.370	817.990	661.480	563.080
27	469.260	481.180	486.700	496.860	504.700	506.320	499.160	485.000	810.660	813.190	656.880	562.140
28	469.720	481.180	486.470	497.090	504.930	506.320	497.090	500.000	815.460	808.140	651.800	560.960
29	470.180	481.180	486.240	497.780	-	507.010	494.780	514.000	820.260	802.580	647.200	559.790
30	470.870	481.180	486.240	498.240	-	507.480	493.620	527.000	824.580	797.530	642.870	558.840
31	471.550	-	486.470	498.470	-	507.710	-	540.000	-	792.750	639.020	-

MEAN												
ACRE-												
FEET												

DAY	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2,560	51	394	381	390	394	390	2,030	1,200	3,710	3,890	2,750
2	2,560	198	394	381	390	394	390	2,700	1,200	2,900	3,860	2,740
3	3,110	269	394	381	390	394	390	2,690	1,210	1,590	3,820	2,720
4	4,060	265	390	381	390	394	390	2,720	1,220	2,300	3,810	2,710
5	4,040	265	386	381	390	394	394	2,760	1,230	3,910	3,790	2,700
6	4,040	265	381	381	390	394	394	2,760	1,230	4,340	3,790	2,690
7	3,480	265	381	381	390	394	394	2,750	1,230	3,890	3,790	2,680
8	2,200	265	381	381	390	390	394	2,750	1,240	3,890	3,650	2,650
9	1,180	265	381	381	390	390	399	2,750	1,250	3,860	3,580	2,650
10	591	265	381	381	390	390	399	2,750	1,260	3,810	3,580	2,640
11	545	262	381	381	390	390	399	2,740	1,270	3,790	3,580	2,630
12	525	262	381	381	390	386	399	2,720	1,290	3,150	3,560	2,610
13	490	265	381	381	390	386	399	2,720	2,410	2,170	3,550	2,510
14	485	265	381	381	390	386	399	2,710	4,300	2,250	3,540	2,260
15	485	265	381	381	390	386	399	2,700	4,670	2,150	3,510	2,000
16	485	265	381	381	390	386	399	2,990	4,640	2,150	3,500	1,820
17	462	265	381	381	390	386	640	3,200	4,540	2,820	3,480	1,580
18	408	262	381	381	390	386	958	3,210	4,550	3,470	3,470	1,420
19	349	262	381	381	390	386	958	3,210	3,890	3,460	3,460	1,310
20	211	262	381	381	390	381	979	2,750	3,430	3,440	3,460	1,200
21	204	262	381	381	394	381	1,000	1,910	3,460	3,440	3,440	1,040
22	201	262	381	381	394	381	1,000	1,130	3,500	3,430	3,430	986
23	201	316	381	381	394	381	1,000	1,130	3,520	3,420	3,420	979
24	204	390	381	381	394	381	1,280	1,140	3,540	3,650	3,250	979
25	201	390	381	381	394	381	1,530	1,140	4,000	3,950	3,160	979
26	180	390	381	386	399	381	1,520	1,150	4,440	3,950	3,150	979
27	132	390	381	386	399	381	1,520	1,150	4,430	3,940	3,130	979
28	127	390	381	390	399	381	1,520	1,160	4,440	3,950	3,120	972
29	127	394	381	390	-	386	1,520	1,180	4,430	3,940	3,110	972
30	46	394	381	390	-	386	1,510	1,180	4,430	3,910	2,940	972
31	8	-	381	390	-	390	-	1,190	-	-	2,760	-

MEAN	1,093	286	383	382	392	387	775	2,228	2,915	3,374	3,470	1,870
ACRE- FEET	67,230	17,040	23,530	23,520	21,750	23,800	46,140	137,000	173,500	207,400	213,400	111,300

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

SNAKE RIVER AT MORAN, WYOMING

YEAR
on
-PROD-
MEAN
ACRE-
FEET
1,472
1,066,000

Plate No. 26

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	180	134	142	125	110	105	123	118	1,940	3,460	674	275
2	185	132	148	118	110	105	117	123	2,220	3,170	609	272
3	190	130	150	120	115	105	116	120	2,200	2,950	563	265
4	178	128	150	123	115	105	123	120	2,140	2,800	541	259
5	177	128	150	125	115	105	126	121	2,150	2,800	614	259
6	176	147	148	120	110	106	120	128	2,300	2,720	552	250
7	176	145	145	110	105	110	121	132	1,940	2,580	563	250
8	174	144	140	110	92	112	124	153	1,780	2,500	597	250
9	174	125	135	115	93	120	123	211	1,940	2,330	503	253
10	164	160	140	115	96	128	124	272	1,950	2,400	455	259
11	164	176	142	115	97	130	126	256	2,070	2,360	422	256
12	167	167	145	120	100	135	124	214	2,140	2,260	408	288
13	167	158	148	125	100	140	128	192	2,200	2,180	391	278
14	155	151	148	125	105	132	132	186	2,460	2,060	374	268
15	155	145	148	125	90	128	131	184	2,350	1,930	365	275
16	151	149	146	120	92	130	128	205	2,510	1,820	350	253
17	155	140	145	110	95	133	120	294	2,620	1,740	335	250
18	155	147	142	112	96	140	124	497	2,600	1,600	335	250
19	149	138	142	115	93	140	129	716	2,940	1,510	328	240
20	160	131	143	120	85	135	129	650	3,500	1,340	318	234
21	164	155	145	120	84	135	126	872	3,320	1,290	314	228
22	144	147	145	125	90	135	118	1,230	3,390	1,240	308	222
23	164	130	138	115	95	150	121	1,730	3,380	1,110	301	219
24	167	130	140	110	100	160	128	2,030	2,630	1,070	294	216
25	155	130	140	112	110	150	120	2,150	2,380	950	288	216
26	153	130	138	115	110	155	124	1,980	2,510	884	281	216
27	158	130	135	115	110	158	123	1,860	2,890	854	281	214
28	153	130	130	120	110	160	123	1,910	3,140	764	288	211
29	149	133	125	125	-	160	128	2,200	3,310	716	278	208
30	149	138	130	120	-	151	126	2,010	3,410	698	281	219
31	149	-	130	112	-	126	-	1,980	-	662	294	-

MEAN	163	141	142	118	101	132	124	802	2,544	1,843	403	245
ACRE- FEET	10,030	8,390	8,710	7,240	5,600	8,100	7,390	49,280	151,400	113,300	24,800	14,580

U. S. GOVERNMENT PRINTING OFFICE 16-00006-1

BUFFALO FORK ABOVE IAVA CREEK NEAR MORAN, WYO.

YEAR
or
PERIOD
MEAN
ACRE-FOOT
565
408,800

Plate No. 27

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3,980	1,370	1,690	1,380	1,550	1,430	1,640	2,970	13,200	17,100	7,350	4,660
2	4,020	1,340	1,730	1,330	1,530	1,440	1,620	3,540	13,100	15,700	7,240	4,560
3	4,080	1,400	1,800	1,300	1,540	1,430	1,610	4,080	13,000	14,300	7,080	4,500
4	4,790	1,470	1,740	1,300	1,530	1,400	1,650	4,160	13,000	14,000	7,000	4,450
5	5,360	1,510	1,690	1,400	1,530	1,340	1,800	4,180	12,600	14,500	7,030	4,430
6	5,380	1,550	1,620	1,300	1,470	1,300	1,760	4,220	13,200	14,700	7,000	4,410
7	5,380	1,640	1,620	1,300	1,400	1,300	1,780	4,450	13,000	14,100	7,160	4,390
8	4,600	1,650	1,500	1,300	1,350	1,350	1,850	5,070	12,100	13,600	7,160	4,360
9	3,570	1,540	1,400	1,380	1,350	1,430	1,860	5,680	12,100	13,200	6,630	4,520
10	2,690	1,510	1,450	1,300	1,370	1,430	1,880	6,120	12,000	12,800	6,420	4,500
11	2,120	1,560	1,480	1,320	1,400	1,450	1,890	6,070	12,200	12,400	6,270	4,500
12	2,020	1,620	1,500	1,400	1,490	1,480	1,940	5,610	12,600	11,900	6,170	4,560
13	2,000	1,640	1,560	1,420	1,490	1,500	1,940	5,310	12,600	10,600	6,100	4,540
14	1,940	1,630	1,620	1,440	1,560	1,460	2,030	5,240	14,700	9,830	6,000	4,360
15	1,890	1,620	1,620	1,450	1,400	1,420	2,110	5,270	16,400	9,630	5,900	4,110
16	1,870	1,610	1,550	1,440	1,430	1,420	2,070	5,680	15,700	9,130	5,820	3,840
17	1,860	1,620	1,540	1,410	1,440	1,460	1,940	6,750	15,600	8,930	5,700	3,680
18	1,840	1,570	1,520	1,400	1,430	1,560	2,080	7,890	15,500	10,000	5,620	3,460
19	1,790	1,550	1,520	1,460	1,400	1,630	2,520	9,230	16,000	9,770	5,580	3,260
20	1,730	1,510	1,520	1,500	1,400	1,560	2,550	9,350	16,400	9,410	5,530	3,110
21	1,650	1,610	1,510	1,550	1,380	1,550	2,470	9,110	17,100	8,930	5,530	2,940
22	1,610	1,620	1,500	1,620	1,380	1,600	2,430	9,590	17,500	8,680	5,480	2,720
23	1,580	1,570	1,350	1,560	1,400	1,700	2,410	10,900	18,000	8,450	5,410	2,620
24	1,580	1,500	1,400	1,490	1,440	1,790	2,440	12,500	16,900	8,230	5,310	2,590
25	1,580	1,510	1,400	1,350	1,440	1,740	2,710	13,700	15,200	8,310	5,100	2,570
26	1,570	1,600	1,400	1,400	1,470	1,700	2,940	13,200	15,000	8,150	4,980	2,540
27	1,550	1,560	1,350	1,480	1,430	1,680	3,010	12,100	15,600	7,980	4,930	2,540
28	1,510	1,550	1,300	1,540	1,430	1,700	3,100	11,800	17,400	7,730	4,950	2,540
29	1,480	1,630	1,300	1,570	-	1,760	3,170	13,000	17,700	7,590	4,910	2,520
30	1,470	1,670	1,300	1,630	-	1,720	3,140	13,600	17,300	7,510	4,930	2,590
31	1,430	-	1,300	1,600	-	1,650	-	12,700	-	7,400	4,790	-

MEAN	2,578	1,558	1,509	1,430	1,444	1,528	2,211	7,841	14,760	10,790	5,970	3,679
ACRE- FEET	158,500	92,690	92,790	87,910	80,190	93,980	131,600	482,100	878,100	663,600	367,100	218,900

U. S. GOVERNMENT PRINTING OFFICE 16-60060-1
SNAKE RIVER ABOVE RESERVOIR NEAR ALPINE, WYOMING

YEAR
OR
PERIOD
MEAN
ACRE-FOOT
3,347,000
4,624

Plate No. 28

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	244	211	211	185	180	140	201	409	2,870	2,390	680	435
2	254	211	214	180	180	135	198	394	2,990	2,250	660	430
3	261	214	220	175	175	135	201	384	3,030	2,100	653	410
4	247	208	201	180	175	135	240	384	2,960	2,160	646	400
5	244	208	200	190	170	140	286	371	2,970	2,020	640	390
6	247	224	198	180	170	145	268	389	3,030	1,840	628	380
7	244	233	195	180	170	150	275	541	2,870	1,700	621	380
8	244	217	195	180	160	155	322	844	2,690	1,630	603	380
9	240	214	168	190	165	168	314	1,120	2,590	1,610	590	380
10	237	227	183	180	170	174	339	1,300	2,540	1,460	584	385
11	237	214	200	175	165	171	366	1,090	2,470	1,370	565	395
12	240	217	205	190	160	171	404	914	2,490	1,290	553	410
13	254	217	205	190	155	174	420	824	2,410	1,240	553	430
14	244	217	208	190	160	168	478	824	2,610	1,210	553	420
15	233	214	208	190	150	160	451	900	2,520	1,200	541	414
16	230	214	200	190	150	162	425	1,190	2,460	1,130	530	404
17	230	217	197	185	150	171	394	1,630	2,460	1,120	518	409
18	233	214	195	185	140	183	430	1,890	2,360	1,110	507	451
19	227	208	195	185	135	183	578	2,740	2,540	1,080	495	420
20	230	208	205	190	125	177	512	2,660	2,740	1,020	495	399
21	230	233	200	190	120	177	478	2,800	2,660	980	484	389
22	211	224	190	195	130	177	425	3,150	2,690	940	478	384
23	240	208	180	190	140	189	425	3,100	2,780	900	468	384
24	233	192	190	185	145	204	414	3,000	2,440	860	462	380
25	224	195	185	180	145	192	425	2,900	2,280	840	462	375
26	224	195	180	180	145	201	451	2,800	2,250	840	451	371
27	224	192	175	180	145	198	462	2,610	2,410	860	451	366
28	224	200	175	180	145	204	495	2,660	2,760	780	446	361
29	220	210	175	180	-	214	495	3,150	2,580	730	435	357
30	217	215	175	180		211	456	2,940	2,440	700	435	375
31	217		175	180		198		2,740		690	451	

MEAN	235	212	194	184	154	173	388	1,698	2,630	1,292	537	395
ACRE- FEET	14,450	12,640	11,910	11,330	8,570	10,640	23,060	104,400	156,500	79,440	33,000	23,530

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

GREYS RIVER ABOVE RESERVOIR NEAR ALPINE, WYOMING

YEAR
OF
PERIOD
MEAN
ACRE-FOOT
489,500
676

Plate No. 29

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	509	479	491	373	389	365	445	673	1,790	1,580	652	695
2	522	479	491	362	385	369	435	652	1,750	1,540	652	718
3	522	479	509	358	385	365	435	652	1,750	1,500	638	718
4	522	479	503	365	385	365	455	673	1,700	1,500	631	695
5	515	473	485	385	385	358	515	688	1,660	1,480	624	695
6	515	479	473	369	381	362	528	695	1,690	1,460	631	695
7	509	491	467	369	381	365	541	762	1,700	1,450	638	695
8	503	497	461	369	365	362	574	966	1,710	1,440	638	695
9	497	473	410	381	377	358	586	1,190	1,660	1,500	638	710
10	497	485	415	369	381	362	626	1,310	1,660	1,480	638	710
11	503	485	440	362	373	365	673	1,210	1,620	1,390	638	718
12	503	497	440	389	373	377	768	1,060	1,590	1,350	645	740
13	509	509	425	389	373	381	782	990	1,580	1,240	666	740
14	509	509	435	389	381	377	854	958	1,620	1,220	673	740
15	509	509	430	393	369	373	846	958	1,660	1,220	673	755
16	509	503	415	385	373	377	846	1,070	1,650	1,140	680	755
17	509	503	405	377	381	393	782	1,280	1,620	1,120	680	740
18	503	497	405	381	381	410	760	1,460	1,570	1,170	680	762
19	497	491	410	381	369	410	822	1,660	1,540	1,090	688	770
20	503	491	410	385	355	401	782	1,770	1,540	1,050	688	755
21	503	509	420	393	365	397	730	1,790	1,620	990	688	748
22	503	509	415	405	365	401	687	1,870	1,660	950	688	740
23	497	503	377	401	373	420	680	2,010	1,760	910	680	740
24	497	485	393	393	369	440	680	2,140	1,730	862	688	725
25	491	467	393	393	365	435	666	2,170	1,650	846	688	725
26	485	473	385	389	365	430	659	2,120	1,570	886	688	718
27	485	467	369	389	362	425	666	1,940	1,610	854	688	702
28	479	461	358	389	362	430	701	1,810	1,690	815	673	710
29	479	479	358	389	-	473	715	1,840	1,700	732	659	702
30	479	491	362	393	-	479	708	1,880	1,660	688	659	718
31	479	-	362	393	-	450	-	1,790	-	673	680	-

MEAN	501	488	423	386	374	396	665	1,356	1,657	1,165	664	724
ACRE- FEET	30,830	29,060	26,010	23,520	20,760	24,350	39,560	83,380	98,600	71,650	40,800	43,100

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

SALT RIVER ABOVE RESERVOIR NEAR ETNA, WYOMING

YEAR
OF
PERIOD
MEAN
ACRE-
FEET
734
531,600

Plate No. 30

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	21	19	19	15	17	16	36	73	300	152	66	42
2	24	19	20	15	17	16	35	72	300	143	64	41
3	24	19	27	15	16	16	37	70	292	143	64	40
4	22	19	24	15	16	16	46	70	278	147	64	38
5	21	19	21	15	16	15	61	72	269	133	63	38
6	21	21	20	15	16	15	55	81	269	125	61	38
7	21	24	20	14	15	14	58	108	254	123	63	38
8	20	24	19	14	15	15	68	178	269	121	59	38
9	20	18	17	14	15	16	66	242	251	115	56	40
10	20	22	16	14	16	16	73	263	239	110	55	38
11	20	22	16	14	16	16	73	212	242	104	55	37
12	20	22	16	15	17	18	77	180	233	102	53	38
13	21	22	17	16	17	18	86	165	230	99	53	37
14	20	22	18	17	18	18	101	165	230	97	52	37
15	20	21	18	17	17	18	98	185	224	93	50	36
16	20	21	18	16	16	18	86	242	221	91	50	36
17	20	21	17	16	16	22	77	318	215	99	48	36
18	20	20	17	16	16	27	81	414	208	95	48	37
19	20	19	17	16	16	28	101	438	205	90	47	34
20	20	19	17	16	15	26	90	450	221	84	47	34
21	20	22	17	16	15	25	83	466	230	83	47	33
22	19	22	16	19	15	26	77	534	221	81	46	32
23	19	19	16	16	16	29	75	605	212	79	46	32
24	19	19	16	15	16	36	72	600	195	76	44	32
25	19	18	16	15	16	36	72	542	182	74	44	32
26	19	18	15	16	17	36	72	458	175	74	44	32
27	19	18	15	16	17	35	77	410	175	69	44	32
28	19	16	15	16	16	37	86	398	178	69	44	32
29	19	18	15	16	16	42	86	386	161	67	44	32
30	19	19	15	18	-	40	79	350	156	69	46	36
31	19	19	15	18	-	36	-	310	-	71	46	-

MEAN	20.2	20.1	17.6	15.7	16.1	23.9	72.8	292	228	99.3	52.0	35.9
ACRE- FEET	1,240	1,190	1,080	964	895	1,470	4,330	17,960	13,560	6,110	3,200	2,140

U. S. GOVERNMENT PRINTING OFFICE 16-60086-1

BEAR CREEK ABOVE RESERVOIR NEAR IRWIN, IDAHO

YEAR
OF
PERIOD
MEAN
ACRE-
FEET
74.8
54,140

Plate No. 31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	468	466	534	598	667	725	799	907	1,016	1,369	1,361	1,200
2	465	466	537	600	669	727	802	904	1,033	1,374	1,354	1,194
3	463	467	540	602	671	728	805	901	1,049	1,377	1,348	1,189
4	462	468	543	605	673	730	808	895	1,064	1,380	1,342	1,183
5	463	470	546	606	675	732	812	886	1,077	1,380	1,336	1,177
6	465	472	548	609	678	734	815	877	1,091	1,382	1,329	1,170
7	469	474	551	610	680	736	819	869	1,104	1,385	1,323	1,164
8	472	477	553	612	682	738	823	863	1,113	1,392	1,318	1,157
9	473	479	555	614	684	740	827	858	1,119	1,396	1,314	1,152
10	473	481	557	616	686	742	832	856	1,123	1,399	1,309	1,146
11	472	484	559	618	688	743	836	852	1,129	1,402	1,303	1,140
12	471	486	561	620	690	746	841	846	1,134	1,403	1,298	1,135
13	470	489	563	623	692	749	845	839	1,140	1,401	1,293	1,131
14	469	492	566	625	694	751	850	832	1,151	1,399	1,287	1,128
15	468	494	568	627	696	753	855	825	1,168	1,398	1,282	1,123
16	467	497	570	630	699	755	861	820	1,182	1,395	1,277	1,119
17	466	499	572	632	701	757	865	819	1,196	1,393	1,272	1,115
18	466	502	574	634	704	759	870	822	1,209	1,395	1,266	1,110
19	466	504	576	636	706	762	876	829	1,223	1,396	1,261	1,104
20	465	506	578	638	707	765	881	836	1,239	1,396	1,256	1,098
21	465	509	580	641	709	767	885	843	1,258	1,396	1,252	1,092
22	465	512	582	644	711	769	889	852	1,275	1,396	1,248	1,085
23	464	514	583	646	713	772	892	865	1,289	1,395	1,243	1,079
24	464	517	585	648	715	775	896	882	1,301	1,394	1,239	1,072
25	464	519	586	651	717	778	899	902	1,306	1,392	1,235	1,065
26	464	521	587	653	719	781	902	920	1,312	1,389	1,230	1,057
27	465	524	589	655	721	784	904	935	1,320	1,385	1,225	1,050
28	465	525	590	657	723	787	906	950	1,338	1,381	1,221	1,042
29	465	528	592	660		791	907	968	1,352	1,376	1,216	1,035
30	465	531	594	662		794	908	986	1,362	1,372	1,211	1,028
31	465		596	665		797		1,000		1,367	1,206	

Contents in thousands of acre-feet.

Mean												
Acre-												
Feet												

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5,390	1,980	1,160	1,150	1,130	1,090	1,110	5,090	11,400	18,800	12,100	8,710
2	5,450	1,980	1,170	1,140	1,130	1,090	1,110	5,270	11,400	18,600	12,000	8,710
3	5,360	1,830	1,170	1,140	1,130	1,090	1,110	7,130	11,400	17,500	11,900	8,710
4	5,360	1,820	1,180	1,140	1,130	1,090	1,110	8,760	11,400	17,700	11,800	8,750
5	6,080	1,810	1,170	1,140	1,130	1,090	1,120	9,930	12,100	18,600	11,800	8,740
6	5,410	1,530	1,170	1,130	1,150	1,090	1,130	10,400	12,400	18,600	11,900	8,740
7	4,560	1,510	1,170	1,130	1,140	1,090	1,150	10,300	12,400	17,000	11,500	8,780
8	3,890	1,450	1,180	1,140	1,110	1,080	1,130	11,000	13,300	14,600	11,000	8,770
9	3,910	1,420	1,220	1,140	1,120	1,090	1,140	11,300	14,600	15,200	10,800	8,800
10	3,910	1,260	1,170	1,140	1,120	1,090	1,140	11,300	15,000	15,400	10,700	8,820
11	3,840	1,250	1,170	1,140	1,110	1,080	1,140	11,300	15,000	14,600	10,600	8,820
12	3,560	1,250	1,170	1,140	1,110	1,090	1,410	11,300	15,000	15,000	10,600	8,500
13	3,510	1,230	1,160	1,140	1,120	1,100	1,520	11,300	15,000	15,100	10,600	7,830
14	3,410	1,230	1,170	1,140	1,120	1,100	1,540	11,300	15,000	14,100	10,700	7,460
15	3,320	1,240	1,170	1,140	1,110	1,090	1,530	11,300	15,000	13,700	10,100	7,500
16	3,300	1,230	1,160	1,140	1,110	1,100	1,520	11,300	15,000	13,400	10,000	7,520
17	3,320	1,220	1,160	1,130	1,110	1,130	1,510	11,300	15,300	13,100	9,920	7,540
18	3,100	1,220	1,160	1,130	1,120	1,100	1,450	11,300	14,800	12,800	9,850	7,560
19	2,930	1,210	1,160	1,120	1,100	1,090	1,640	11,300	15,100	12,200	9,750	7,560
20	2,930	1,210	1,150	1,130	1,110	1,100	1,770	11,300	15,700	11,900	9,710	7,580
21	2,850	1,210	1,150	1,130	1,100	1,110	2,270	11,300	14,700	11,700	9,330	7,600
22	2,800	1,200	1,140	1,130	1,100	1,110	2,390	11,300	15,000	11,500	9,120	7,600
23	2,790	1,200	1,150	1,140	1,100	1,110	2,360	11,300	17,800	11,400	9,130	7,630
24	2,790	1,190	1,140	1,130	1,110	1,110	2,360	11,400	17,800	11,200	9,000	7,670
25	2,510	1,190	1,140	1,130	1,090	1,100	2,720	11,400	17,900	11,200	8,840	7,830
26	2,520	1,170	1,150	1,120	1,100	1,100	3,090	11,300	17,800	11,700	8,830	7,960
27	2,470	1,180	1,160	1,130	1,100	1,110	3,450	11,300	15,900	12,000	8,850	7,890
28	2,470	1,180	1,150	1,120	1,090	1,100	3,800	11,400	14,900	12,000	8,740	7,830
29	2,470	1,180	1,140	1,120	-	1,120	4,150	11,400	15,400	11,600	8,640	7,770
30	2,160	1,180	1,150	1,130	-	1,120	4,260	11,400	18,500	11,600	8,670	7,770
31	2,140	1,150	1,150	1,120	-	1,110	-	11,400	-	11,800	8,680	-

MEAN	3,694	1,359	1,162	1,134	1,114	1,099	1,904	10,630	14,800	14,050	10,170	8,098
ACRE- FEET	227,100	80,850	71,420	69,700	61,880	67,580	113,300	653,300	880,700	864,000	625,100	481,900

U. S. GOVERNMENT PRINTING OFFICE 16-00000-1
SNAKE RIVER NEAR IRWIN, IDAHO

YEAR
OF
PERIOD
MEAN
ACRE-
FEET
4,197,000

5,797
Plate No. 33

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6,580	2,450	1,570	1,550	1,570	1,540	1,450	5,400	12,500	20,100	12,400	9,080
2	6,760	2,370	1,590	1,560	1,560	1,520	1,460	6,400	12,600	19,600	12,300	9,120
3	6,700	2,270	1,620	1,570	1,540	1,540	1,450	7,350	12,500	18,800	12,200	9,120
4	6,640	2,210	1,590	1,560	1,570	1,540	1,460	8,670	12,400	17,700	12,200	9,150
5	6,460	2,230	1,600	1,560	1,590	1,540	1,510	10,000	12,700	19,400	12,200	9,180
6	5,950	2,100	1,570	1,560	1,560	1,540	1,480	10,700	13,500	19,400	12,200	9,180
7	5,200	1,900	1,560	1,560	1,600	1,540	1,480	10,800	13,500	18,600	12,000	9,180
8	4,510	1,880	1,560	1,560	1,560	1,540	1,500	11,200	14,100	15,300	11,400	9,220
9	4,280	1,820	1,570	1,560	1,540	1,540	1,500	12,000	15,500	15,500	11,000	9,260
10	4,310	1,730	1,540	1,560	1,540	1,600	1,500	12,200	16,400	16,000	10,900	9,260
11	4,280	1,650	1,570	1,570	1,540	1,630	1,500	12,000	16,400	15,100	10,800	9,220
12	4,080	1,680	1,540	1,570	1,570	1,630	1,600	11,900	16,400	15,100	10,800	9,080
13	3,910	1,670	1,540	1,570	1,560	1,600	1,870	11,800	16,400	15,500	10,800	8,470
14	3,810	1,650	1,540	1,570	1,600	1,590	1,880	11,800	16,600	14,600	10,700	7,840
15	3,710	1,630	1,540	1,570	1,540	1,570	1,880	11,900	16,500	14,000	10,400	7,840
16	3,740	1,630	1,520	1,570	1,560	1,590	1,900	12,100	16,400	13,600	10,400	7,880
17	3,740	1,630	1,540	1,560	1,570	1,730	1,900	12,300	16,400	13,600	10,300	7,880
18	3,570	1,630	1,560	1,570	1,590	1,700	1,900	12,600	16,400	13,300	10,200	7,880
19	3,390	1,620	1,540	1,510	1,540	1,620	1,900	12,800	16,200	12,800	10,100	7,880
20	3,320	1,630	1,540	1,540	1,630	1,590	1,970	12,800	16,200	12,200	10,000	7,910
21	3,230	1,630	1,560	1,600	1,540	1,600	2,500	12,800	16,200	12,000	9,850	7,910
22	3,210	1,630	1,550	1,600	1,570	1,590	2,700	13,000	16,400	11,700	9,430	7,910
23	3,210	1,620	1,550	1,590	1,540	1,600	2,680	13,200	19,000	11,700	9,400	8,010
24	3,210	1,620	1,550	1,540	1,540	1,600	2,720	13,400	19,000	11,500	9,400	8,040
25	3,030	1,610	1,550	1,560	1,560	1,570	2,880	13,300	18,900	11,200	9,050	8,110
26	2,920	1,600	1,550	1,540	1,570	1,560	3,300	12,800	18,700	11,800	9,050	8,370
27	2,920	1,600	1,550	1,540	1,540	1,520	3,840	12,700	18,400	12,100	9,080	8,270
28	2,860	1,620	1,550	1,590	1,520	1,510	4,240	12,700	16,200	12,200	9,080	8,270
29	2,860	1,670	1,550	1,590	--	1,520	4,660	12,800	16,800	12,000	8,950	8,140
30	2,700	1,590	1,550	1,600	--	1,480	4,870	12,600	19,200	11,900	9,010	8,210
31	2,550	1,550	1,550	1,600	--	1,450	--	12,500	--	12,000	9,050	--

MEAN	4,117	1,786	1,557	1,566	1,561	1,571	2,249	11,570	15,950	14,530	10,470	8,496
ACRE- FEET	253,200	106,300	95,720	96,300	86,700	96,580	133,800	711,100	948,900	893,200	643,900	505,500

U. S. GOVERNMENT PRINTING OFFICE 10-00006-1

SNAKE RIVER NEAR HEISE, IDAHO

YEAR
- 63
PERIOD
MEAN
ACRE-FOOT
4,571,000
6,314

Plate No. 34

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1						66,900						
2												
3												
4												
5												
6												
7												
8												
9												
10							70,900	76,100		85,500		
11									85,600			
12												
13												
14		57,800									83,200	77,600
15												
16									86,200			
17												
18												
19												
20			61,300								82,200	
21												
22												
23									88,400	84,900		
24												
25												
26				65,100								
27												
28	57,200				*66,800				87,900			
29					-							
30												
31	*57,300	*59,400	*62,500	*65,400		*69,900	*74,400	*82,100	*87,500	*84,300	*80,200	*75,600

* Interpolated.

MEAN												
ACRE-												
FEET												

U. S. GOVERNMENT PRINTING OFFICE 16-00006-1

HENRYS LAKE NEAR LAKE, IDAHO

YEAR
OR
PERIOD

MEAN
ACRE-
FEET

Plate No. 35

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	2	2	2	3	5	61	326	66	114
2	0	1	1	2	2	2	3	5	76	321	53	114
3	9	1	1	2	2	2	3	5	83	319	50	114
4	6	1	1	2	2	2	3	5	93	309	49	114
5	1	1	1	2	2	2	3	5	97	297	67	114
6	1	1	1	2	2	2	3	6	101	285	90	114
7	1	1	1	2	2	2	3	6	112	280	91	114
8	1	1	1	2	2	2	3	6	1107	276	91	114
9	1	1	1	2	2	2	3	6	1109	278	91	115
10	1	1	1	2	2	2	3	6	1117	274	93	119
11	1	1	1	2	2	2	3	7	128	263	93	117
12	1	1	1	2	2	2	3	8	142	159	94	117
13	1	1	1	2	2	2	3	8	153	163	95	115
14	1	1	1	2	2	2	3	9	161	161	97	115
15	1	1	1	2	2	2	3	10	157	153	97	117
16	1	1	1	2	2	2	4	12	183	144	95	117
17	1	1	1	2	2	2	4	13	208	138	95	117
18	1	1	1	2	2	2	4	14	210	134	95	117
19	1	1	1	2	2	2	4	15	210	126	95	121
20	1	1	1	2	2	2	4	14	217	119	95	119
21	1	1	1	2	2	2	4	13	228	112	97	121
22	1	1	1	2	2	2	4	15	255	111	98	123
23	1	1	1	2	2	2	4	16	287	90	100	123
24	1	1	1	2	2	2	4	18	340	74	98	121
25	1	1	1	2	2	2	4	18	328	76	98	121
26	1	1	1	2	2	2	5	18	319	77	100	121
27	1	1	1	2	2	2	5	21	314	77	101	117
28	1	1	1	2	2	2	5	37	311	76	101	117
29	10	1	1	2	2	2	5	42	307	77	101	115
30	1	1	1	2	2	2	5	49	314	77	101	115
31	1	1	1	2	2	2	5	55		79	94	

MEAN	1.6	1.0	1.0	2.0	2.0	2.5	3.7	15.1	191	176	89.7	117
ACRE- FEET	101	60	61	123	111	155	218	926	11,360	10,810	5,520	6,970

U. S. GOVERNMENT PRINTING OFFICE 10-00006-1

HENRY'S FORK NEAR LAKE, IDAHO

YEAR
OR
PERIOD
MEAN
36, 140
50.3

Plate No. 36

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6,600	34,840	37,760	47,700	73,040	93,740	115,740	132,310	140,760	138,300	122,720	86,060
2	7,680	35,480	37,900	48,510	74,080	94,390	116,480	132,310	141,430	137,880	121,200	85,440
3	8,760	35,900	38,100	49,320	74,800	95,100	117,150	132,230	140,930	137,720	119,680	84,900
4	9,800	36,150	38,220	50,160	75,460	95,760	117,670	132,310	140,350	137,640	118,340	84,300
5	10,820	36,260	38,420	51,040	76,240	96,420	118,480	132,310	140,270	137,480	117,080	83,690
6	11,860	35,450	38,500	51,820	77,030	97,080	119,610	132,390	140,500	137,230	115,890	83,030
7	12,820	35,560	38,590	52,560	77,940	97,880	120,200	132,470	140,180	137,320	114,570	82,440
8	13,780	35,560	38,700	53,320	78,520	98,610	120,900	132,710	140,440	137,230	113,180	81,840
9	14,700	35,530	38,740	54,140	79,210	99,280	121,580	133,190	140,100	137,150	112,170	81,370
10	15,600	35,480	38,740	54,840	79,960	99,820	122,180	134,400	139,940	136,900	111,090	80,840
11	16,530	35,530	38,740	55,640	80,720	100,490	122,870	135,040	140,020	136,740	110,080	80,310
12	17,460	35,620	38,740	56,400	81,490	101,160	123,630	135,040	140,020	136,580	109,080	80,020
13	18,430	35,700	38,740	57,200	82,260	102,600	124,400	134,960	140,180	136,260	108,090	79,260
14	19,400	35,720	38,790	58,040	82,970	103,220	125,010	134,880	139,780	136,100	107,100	78,690
15	20,320	35,780	38,790	58,830	83,750	103,900	125,780	134,880	139,860	135,690	106,200	78,860
16	21,230	35,890	38,790	59,580	84,540	104,520	126,560	134,960	139,690	135,530	105,220	78,860
17	22,150	37,110	38,790	60,360	85,380	105,220	127,340	135,530	139,520	135,360	103,970	79,100
18	23,050	37,110	38,790	61,080	86,120	105,920	128,040	136,180	139,690	136,100	102,600	79,320
19	23,940	37,140	38,790	61,870	86,790	106,620	128,830	137,070	139,860	135,940	101,240	79,380
20	24,840	37,200	38,790	62,760	87,470	117,320	129,850	138,300	139,690	135,770	99,880	79,560
21	25,920	37,280	38,790	63,710	88,160	107,950	130,320	139,520	139,690	135,450	98,480	79,730
22	26,500	37,340	39,640	64,820	88,840	108,730	130,720	140,680	139,610	135,120	97,080	79,900
23	27,500	37,420	40,460	66,000	89,530	109,230	131,040	141,430	139,940	134,960	96,700	80,020
24	28,360	37,450	41,260	66,690	90,220	109,870	131,440	142,180	139,860	134,880	94,520	80,200
25	29,240	37,450	42,080	67,540	90,920	110,940	131,670	141,760	139,520	134,720	93,420	80,370
26	30,120	37,530	42,880	68,310	91,680	111,660	131,830	141,510	139,200	133,750	92,320	80,430
27	30,980	37,560	43,730	69,180	92,380	112,310	131,990	141,100	138,870	132,630	91,240	80,430
28	31,840	37,560	44,460	70,010	93,100	112,890	132,070	140,270	139,040	130,720	90,100	80,540
29	32,500	37,640	45,320	70,850	-	113,700	132,470	140,350	138,870	128,680	88,900	80,720
30	33,400	37,700	46,180	71,700	-	114,420	132,470	141,100	138,540	126,560	87,720	80,840
31	34,200		46,960	72,500		115,080		141,020		124,550	86,920	

MEAN												
ACRE-												
FEET												

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	145	447	6	11	12	17	362	1,720	1,330	1,390	944
2	2	208	447	6	11	12	17	357	1,770	1,270	1,330	926
3	2	315	452	6	11	12	17	366	1,760	1,240	1,330	920
4	2	409	452	7	11	12	17	366	1,660	1,210	1,320	914
5	2	447	452	7	11	12	17	366	1,650	1,190	1,330	914
6	2	481	457	7	11	12	17	376	1,660	1,150	1,330	914
7	2	526	457	7	11	12	19	390	1,650	1,150	1,330	902
8	2	471	457	7	11	12	19	433	1,660	1,130	1,260	902
9	2	447	462	7	11	12	19	496	1,630	1,110	1,130	902
10	2	447	462	7	11	12	19	690	1,610	1,050	1,130	902
11	2	443	457	7	12	12	19	756	1,600	998	1,130	896
12	2	438	462	7	12	12	20	762	1,600	962	1,150	896
13	2	433	462	7	12	12	20	756	1,610	914	1,150	896
14	2	433	462	7	12	12	20	740	1,580	854	1,150	696
15	2	433	457	7	12	12	20	740	1,550	818	1,150	558
16	2	433	462	7	12	14	20	778	1,520	784	1,200	558
17	2	428	457	7	12	14	24	872	1,490	812	1,330	558
18	3	433	452	10	12	14	56	992	1,530	848	1,330	568
19	5	433	452	10	12	14	124	1,140	1,550	836	1,320	568
20	2	433	452	10	12	15	180	1,360	1,540	806	1,310	568
21	2	433	205	10	12	15	208	1,580	1,540	784	1,310	573
22	2	438	6	10	12	15	237	1,760	1,570	734	1,300	579
23	2	438	6	10	12	15	255	1,900	1,580	718	1,260	579
24	2	438	6	10	12	15	280	1,980	1,550	767	1,180	579
25	4	438	6	10	12	15	297	1,990	1,520	896	1,170	573
26	11	443	6	10	12	15	324	1,910	1,470	1,240	1,160	573
27	20	443	6	11	12	16	338	1,790	1,440	1,440	1,160	579
28	38	443	6	11	12	16	362	1,690	1,440	1,590	1,150	579
29	53	443	6	11	12	16	376	1,720	1,410	1,700	1,150	579
30	56	447	6	11	12	16	371	1,800	1,360	1,720	1,150	573
31	110		6	11	12	16		1,760		1,700	1,080	

MEAN	11.1	421	303	8.4	11.6	13.6	124	1,064	1,574	1,089	1,231	722
ACRE-	682	25,070	18,610	518	647	835	7,400	65,410	93,660	66,940	75,710	42,980
FEET												

U. S. GOVERNMENT PRINTING OFFICE 16-40006-1

HENRYS FORK NEAR ISLAND PARK, IDAHO

YEAR MEAN 550
OR
PRINTED ACRP-TEMP 398,500

Plate No. 38

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	692	854	1,160	788	704	692	728	1,180	3,500	2,350	2,480	1,850
2	680	935	1,180	740	704	680	716	1,160	3,570	2,230	2,250	1,700
3	716	1,020	1,260	764	704	680	704	1,180	3,440	2,160	2,300	1,680
4	680	1,180	1,160	788	704	670	740	1,180	3,220	2,160	2,280	1,640
5	670	1,290	1,210	776	704	648	814	1,190	3,160	2,080	2,350	1,620
6	680	1,370	1,180	716	680	692	800	1,240	3,220	2,080	2,300	1,640
7	704	1,500	1,160	670	638	617	752	1,310	3,130	2,060	2,350	1,660
8	704	1,400	1,140	764	680	692	776	1,520	3,280	2,110	2,320	1,660
9	704	1,240	964	776	704	728	764	1,850	3,100	2,110	2,130	1,750
10	704	1,290	1,100	752	728	728	776	2,550	3,070	2,010	2,060	1,700
11	740	1,260	1,310	764	692	716	776	2,480	3,130	1,940	2,060	1,750
12	728	1,290	1,160	764	692	728	788	2,350	3,100	1,900	2,080	1,810
13	740	1,260	1,140	776	704	728	814	2,130	3,100	1,880	2,060	1,770
14	752	1,220	1,180	752	728	716	840	2,180	3,070	1,790	2,080	1,750
15	740	1,220	1,140	764	659	704	827	2,180	2,920	1,750	2,060	1,220
16	740	1,240	1,130	752	648	716	814	2,350	2,830	1,700	2,060	1,240
17	764	1,190	1,130	716	752	728	764	2,660	2,770	1,850	2,280	1,260
18	752	1,140	1,130	716	740	752	800	3,040	2,860	2,010	2,350	1,280
19	752	1,140	1,180	716	670	764	894	3,190	2,920	1,790	2,380	1,290
20	788	1,160	1,110	752	659	752	964	3,320	2,860	1,750	2,320	1,290
21	814	1,160	1,160	728	704	740	993	3,410	2,950	1,700	2,400	1,290
22	788	1,140	764	716	659	764	993	3,760	3,040	1,640	2,350	1,330
23	814	1,140	557	680	704	752	1,050	4,060	3,040	1,600	2,320	1,330
24	800	1,140	670	704	704	800	1,080	4,190	2,950	1,580	2,200	1,350
25	800	1,140	728	740	704	776	1,130	4,090	2,750	1,750	2,130	1,310
26	800	1,160	716	728	716	740	1,130	3,830	2,630	2,040	2,130	1,330
27	814	1,130	716	728	716	740	1,160	3,660	2,610	2,250	2,110	1,310
28	800	1,110	740	740	692	728	1,210	3,470	2,630	2,580	2,110	1,350
29	814	1,160	776	740	-	752	1,220	3,730	2,500	2,750	2,060	1,370
30	814	1,140	728	764		752	1,210	4,090	2,400	2,770	2,080	1,400
31	840		764	716		728		3,700		2,800	2,080	

MEAN	753	1,187	1,014	742	696	723	901	2,653	2,992	2,038	2,210	1,498
ACRE- FEET	46,270	70,650	62,370	45,600	38,660	44,440	53,610	163,100	178,000	125,300	135,900	89,120

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		6,900								14,900	14,040	
2												
3												
4												
5												
6	6,650	6,970							11,970	14,960	13,600	
7												
8												
9					8,450							
10												
11										15,070		
12												
13									12,460		12,880	
14									12,640			9,580
15		7,100	7,540		8,550	8,890	9,230					
16										15,040	12,550	
17	6,760											
18												
19												
20												
21								10,060	13,200			
22									13,280			
23									13,430			9,570
24										15,010		
25												
26									14,210	15,010		
27												
28					8,720				14,610			
29			7,620	8,290	*8,730				*14,680			
30		7,290				9,070	9,440			14,470	9,600	
31	*6,880		*7,660	*8,320		*9,080		11,080				*9,590

* Interpolated.

MEAN												
ACRE-												
FEET												

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4.1	5.1	4.0	2.0	2.0	2.0	5.0	7.8	19	6.5	8.6	3.6
2	9.3	5.4	4.0	2.0	2.0	2.0	5.0	5.4	24	5.4	8.2	3.6
3	11.	6.5	4.0	2.0	2.0	2.0	5.0	5.1	20	4.2	7.1	3.4
4	7.5	6.5	4.0	2.0	2.0	2.0	6.0	4.8	18	3.8	7.1	3.4
5	6.8	5.1	4.0	2.0	2.0	2.0	6.0	5.6	18	4.1	8.2	3.4
6	6.2	5.4	3.0	2.0	2.0	2.0	7.0	7.1	25	4.5	8.2	3.8
7	5.9	7.5	3.0	2.0	2.0	2.0	7.0	9.7	24	8.6	8.6	3.4
8	6.2	6.8	3.0	2.0	2.0	2.0	8.0	15	24	10	7.8	3.1
9	5.9	7.0	3.0	2.0	2.0	2.0	8.0	21	18	9.3	7.5	3.4
10	4.8	7.0	3.0	2.0	2.0	3.0	7.0	32	16	6.8	6.8	2.9
11	5.1	7.0	3.0	2.0	2.0	3.0	6.0	34	19	3.9	6.5	3.1
12	5.6	7.0	3.0	2.0	2.0	3.0	8.0	28	17	6.5	6.5	3.6
13	6.2	7.0	3.0	2.0	2.0	3.0	7.5	27	19	18	6.5	3.9
14	6.2	7.0	3.0	2.0	2.0	3.0	7.1	30	16	19	5.1	3.8
15	5.6	7.0	3.0	2.0	2.0	3.0	6.5	37	18	19	5.6	3.5
16	5.4	7.0	3.0	2.0	2.0	3.0	6.5	60	20	19	5.4	3.4
17	5.1	7.0	3.0	2.0	2.0	3.0	7.1	89	20	20	4.8	3.5
18	4.8	7.0	3.0	2.0	2.0	3.0	6.8	89	20	21	3.4	3.5
19	5.1	7.0	3.0	2.0	2.0	3.0	7.5	72	20	21	3.5	3.4
20	5.4	7.0	3.0	2.0	2.0	3.0	7.5	46	24	20	3.6	3.4
21	5.6	7.0	3.0	2.0	2.0	3.0	7.8	31	26	18	3.8	3.5
22	7.8	7.0	3.0	2.0	2.0	3.0	8.6	24	27	16	3.8	3.4
23	6.5	6.0	3.0	2.0	2.0	3.0	6.8	21	34	16	3.8	2.8
24	7.5	5.0	3.0	2.0	2.0	4.0	5.9	21	21	15	3.6	2.7
25	7.5	4.0	3.0	2.0	2.0	4.0	6.2	21	14	13	3.5	2.7
26	6.8	3.0	3.0	2.0	2.0	4.0	5.1	17	11	13	3.6	2.7
27	6.5	3.0	3.0	2.0	2.0	4.0	5.1	12	12	13	3.6	2.8
28	6.2	3.0	3.0	2.0	2.0	4.0	5.6	13	10	12	3.6	3.4
29	6.2	3.0	3.0	2.0	2.0	4.0	6.2	42	8.2	12	3.5	3.1
30	6.2	3.0	3.0	2.0	2.0	4.0	7.5	36	7.1	11	3.6	3.5
31	5.6	3.0	3.0	2.0	2.0	4.0		24		10	3.6	

MEAN	6.28	5.88	3.16	2.00	2.00	2.97	6.58	28.6	19.0	12.2	5.45	3.32
ACRE- FEET	386	350	194	123	111	182	391	1,760	1,130	751	335	197

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

NORTH FORK SQUIRREL CREEK NEAR SQUIRREL, IDAHO

YEAR
OR
PERIOD

MEAN
ACRE-
FEET

8.16
5,910

Plate No. 41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	400	376	433	370	366	376	371	382	2,790	2,900	618	554
2	422	376	439	370	366	376	371	387	2,980	2,800	582	554
3	444	376	444	370	362	376	371	387	2,890	2,710	561	561
4	411	376	422	370	362	371	385	376	2,830	2,340	582	554
5	400	376	416	370	366	366	403	382	2,620	2,340	632	547
6	394	389	411	360	362	370	392	397	2,760	2,370	670	547
7	389	422	416	350	357	370	387	433	2,790	2,400	640	554
8	385	411	400	355	355	375	397	540	2,660	2,180	618	547
9	380	400	366	355	355	376	392	725	2,580	1,850	603	568
10	380	422	380	355	355	376	392	922	2,450	2,120	589	568
11	380	428	405	360	355	376	392	824	2,420	1,890	568	582
12	380	444	400	360	360	385	397	733	2,440	1,710	575	625
13	385	439	394	365	355	385	414	662	2,370	1,430	575	589
14	376	433	405	365	355	376	445	662	2,480	1,340	568	568
15	376	433	389	365	350	376	433	709	2,590	1,180	554	554
16	376	439	385	366	350	380	408	913	2,660	967	554	533
17	376	428	385	366	355	385	397	1,250	2,750	949	596	533
18	376	422	389	362	355	389	403	1,730	2,780	1,040	701	526
19	376	416	380	362	360	389	464	1,990	2,780	877	632	519
20	376	416	380	366	355	389	451	2,180	2,900	833	568	519
21	376	428	380	380	355	389	439	2,410	3,080	765	575	512
22	376	422	380	376	355	380	408	2,850	2,990	725	603	505
23	380	416	376	362	360	389	408	3,350	3,160	709	603	505
24	380	416	376	357	371	405	414	3,780	2,880	685	625	505
25	380	411	380	357	380	385	397	3,670	2,410	662	632	505
26	380	416	376	357	380	385	397	3,090	2,280	648	632	484
27	380	405	371	362	371	385	392	2,820	2,400	662	655	477
28	376	405	376	366	376	380	408	2,830	2,520	648	648	470
29	371	428	376	371	-	389	403	3,560	2,580	632	648	470
30	371	433	375	371	-	389	397	3,750	2,710	632	640	498
31	376		370	371		380		3,120		625	632	

MEAN	385	413	393	364	361	381	404	1,671	2,684	1,407	609	534
ACRE- FEET	23,660	24,600	24,150	22,400	20,040	23,440	24,060	102,800	159,700	86,520	37,450	31,800

U. S. GOVERNMENT PRINTING OFFICE 16-60080-1
FALLS RIVER NEAR SQUIRREL, IDAHO

YEAR
ON
-PERIOD
MEAN
ACRE-FOOT
802
580,600

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	214	292	464	400	390	395	380	390	2,730	2,800	185	152
2	237	288	470	400	385	395	375	395	2,880	2,620	158	135
3	315	292	477	400	385	385	380	390	2,820	2,430	144	135
4	270	306	458	400	380	385	422	380	2,730	2,160	152	135
5	249	320	440	400	380	375	464	370	2,520	2,100	192	147
6	241	360	434	390	380	380	428	380	2,600	2,100	241	152
7	241	410	440	380	380	365	422	416	2,640	2,140	233	162
8	241	400	422	380	380	390	428	519	2,520	1,940	199	165
9	241	395	395	380	375	390	428	759	2,420	1,640	178	181
10	241	416	410	380	375	380	416	1,050	2,330	1,790	162	192
11	257	422	420	380	380	395	434	1,020	2,270	1,630	133	214
12	261	446	420	380	380	405	434	852	2,320	1,400	124	288
13	310	440	420	385	380	400	452	743	2,290	1,100	120	261
14	296	434	420	385	380	385	484	743	2,390	970	112	249
15	296	428	415	385	375	380	477	792	2,520	834	96	233
16	296	446	410	385	375	385	452	980	2,610	631	94	225
17	315	434	410	385	375	484	428	1,380	2,680	615	102	225
18	320	428	410	385	380	548	422	1,880	2,720	792	229	221
19	306	416	410	385	380	491	484	2,170	2,720	647	203	210
20	301	410	410	390	380	434	505	2,340	2,760	578	158	206
21	306	416	410	400	380	434	477	2,490	2,960	491	165	210
22	306	405	405	395	380	458	440	2,880	2,910	440	203	203
23	320	400	405	390	390	484	434	3,360	3,090	416	278	199
24	320	410	405	390	400	491	452	3,820	2,850	395	237	199
25	330	395	400	385	410	428	416	3,910	2,320	340	241	203
26	320	422	400	380	410	410	390	3,170	2,100	292	225	195
27	310	446	400	380	395	400	385	2,780	2,200	278	237	178
28	306	440	400	385	390	410	400	2,730	2,360	265	249	162
29	301	452	400	385	-	428	405	3,250	2,370	233	237	152
30	296	452	400	390	-	400	416	4,000	2,580	221	237	172
31	296	-	400	390	-	390	-	3,150	-	203	249	-

MEAN	286	401	419	388	384	415	431	1,725	2,574	1,113	186	192
ACRE- FEET	17,570	23,840	25,750	23,850	21,320	25,550	25,650	106,100	153,100	68,410	11,450	11,430

U. S. GOVERNMENT PRINTING OFFICE 16-00006-1

FALLS RIVER NEAR CHESTER, IDAHO

YEAR
1917
MEAN
514,100
ACRE-
FEET

Plate No. 43

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	654	830	1,400	1,100	1,070	974	830	1,350	4,810	3,750	1,440	1,290
2	536	890	1,430	1,090	1,080	950	820	1,330	5,010	3,700	1,290	1,130
3	654	938	1,500	1,080	1,120	962	800	1,300	4,870	3,630	1,210	1,120
4	560	1,110	1,400	1,100	1,090	938	860	1,280	4,600	3,400	1,220	1,110
5	528	1,220	1,390	1,100	1,060	914	938	1,280	4,250	3,250	1,460	1,090
6	513	1,370	1,340	1,080	998	938	902	1,300	4,330	3,180	1,540	1,060
7	499	1,540	1,390	1,000	962	890	850	1,350	4,350	3,220	1,500	1,070
8	499	1,560	1,320	1,040	998	950	870	1,450	4,490	3,050	1,420	1,060
9	485	1,400	1,180	1,090	1,050	1,010	880	2,000	4,280	2,840	1,230	1,120
10	471	1,450	1,360	1,100	1,060	986	820	2,800	4,250	2,840	1,130	1,130
11	499	1,460	1,610	1,100	1,020	986	860	2,630	4,280	2,630	1,110	1,170
12	499	1,470	1,540	1,100	1,020	1,030	860	2,480	4,350	2,240	1,030	1,270
13	645	1,480	1,490	1,100	1,030	1,020	890	2,150	4,380	1,830	1,030	1,260
14	645	1,460	1,490	1,100	1,060	962	926	2,130	4,500	1,580	1,020	1,260
15	645	1,460	1,440	1,100	974	950	870	2,170	4,550	1,390	974	962
16	672	1,480	1,420	1,090	950	950	860	2,480	4,500	1,200	1,050	890
17	700	1,460	1,400	1,070	1,070	1,050	780	3,160	4,400	1,480	1,170	914
18	690	1,420	1,390	1,070	1,080	1,180	770	4,000	4,250	2,170	1,390	902
19	663	1,340	1,380	1,070	1,020	1,140	870	4,380	4,100	2,170	1,390	850
20	681	1,320	1,380	1,090	974	1,030	974	4,570	4,000	1,910	1,320	840
21	700	1,300	1,380	1,080	1,070	1,010	986	4,840	3,900	1,680	1,340	830
22	700	1,290	1,180	1,070	998	1,020	1,040	5,610	4,000	1,440	1,370	850
23	790	1,260	780	1,050	1,110	1,070	1,120	6,570	4,050	1,220	1,420	850
24	870	1,230	1,000	1,040	1,110	1,090	1,200	7,080	4,100	1,080	1,330	902
25	860	1,220	1,050	1,090	1,070	974	1,220	7,080	4,100	986	1,300	850
26	860	1,270	1,080	1,080	1,080	926	1,280	5,800	4,000	998	1,300	840
27	850	1,340	1,080	1,090	1,060	870	1,300	4,950	3,800	1,050	1,300	820
28	850	1,330	1,080	1,120	1,020	850	1,320	4,680	3,800	1,250	1,330	810
29	840	1,400	1,080	1,140	-	890	1,330	5,330	3,750	1,330	1,300	740
30	820	1,400	1,110	1,160	-	890	1,340	6,980	3,750	1,390	1,330	780
31	830	1,100	1,100	1,110	-	830	-	5,550	-	1,500	1,420	-

MEAN	668	1,323	1,296	1,087	1,043	975	979	3,550	4,260	2,109	1,279	992
ACRE- FEET	41,070	78,740	79,680	66,840	57,930	59,960	58,250	218,300	253,500	129,700	78,670	59,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	233	216	242	150	216	172	247	221	369	1,650	618	373
2	242	216	251	140	214	172	237	257	369	1,570	596	369
3	263	216	263	150	203	172	257	264	386	1,450	580	352
4	248	216	245	160	201	172	324	285	369	1,420	575	348
5	242	214	216	160	198	172	365	278	369	1,340	591	352
6	242	230	203	145	219	180	271	228	411	1,210	575	352
7	236	257	216	130	225	129	271	209	442	1,150	591	352
8	239	254	144	145	225	208	264	209	437	1,150	554	352
9	233	233	140	160	233	172	247	215	420	1,070	534	373
10	230	227	205	170	214	172	240	274	420	990	524	381
11	233	225	190	180	214	187	231	278	478	954	515	381
12	233	257	180	190	187	198	228	247	468	912	506	386
13	236	295	170	200	189	194	218	228	515	882	491	381
14	233	270	160	210	185	187	218	218	674	882	482	377
15	236	245	150	210	165	185	218	212	732	852	473	373
16	236	245	140	190	176	187	240	218	696	768	460	369
17	236	233	150	175	198	222	257	231	768	792	442	365
18	230	225	165	170	135	299	231	254	906	1,070	437	369
19	233	219	165	180	227	323	218	289	984	882	428	369
20	233	214	150	185	266	295	224	304	1,180	810	420	365
21	236	230	140	195	257	286	234	304	1,430	750	416	360
22	230	233	135	210	227	333	234	324	1,550	708	411	348
23	233	219	150	180	196	416	228	352	1,560	696	398	344
24	236	214	170	160	227	416	243	416	1,480	684	394	344
25	230	208	165	180	211	366	257	478	1,160	674	386	344
26	227	195	160	200	189	337	228	460	1,120	668	386	340
27	225	185	160	200	225	289	221	377	1,260	652	386	336
28	222	200	160	210	185	316	212	336	1,630	635	377	332
29	216	222	160	236	-	373	209	381	1,820	630	377	328
30	219	248	160	251		309	215	428	1,730	624	386	344
31	222		160	225		260		381		624	381	

MEAN	234	229	176	182	207	248	243	295	871	940	474	359
ACRE- FEET	14,370	13,610	10,840	11,200	11,520	15,270	14,450	18,160	51,830	57,820	29,140	21,340

U. S. GOVERNMENT PRINTING OFFICE 16-60006-1
 TETON RIVER ABOVE SOUTH LEIGH CREEK NR. DRIGGS, IDAHO

YEAR
 on
 PERIOD
 MEAN
 ACRE-FOOT
 372
 269,500

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	463	436	436	290	379	347	463	403	2,140	3,330	1,020	687
2	475	430	430	290	370	347	452	430	2,350	3,060	985	672
3	500	436	446	290	370	343	436	458	2,360	2,830	948	672
4	506	436	463	290	365	334	488	463	2,170	2,730	978	658
5	482	424	436	300	360	326	658	482	1,960	2,620	1,030	658
6	475	436	351	300	347	330	584	463	1,960	2,440	1,010	665
7	463	446	389	300	343	326	494	424	2,120	2,310	1,020	651
8	458	482	374	300	338	306	482	419	2,040	2,270	970	644
9	452	469	347	300	347	360	475	446	2,060	2,120	925	680
10	446	441	360	300	365	370	452	538	2,040	1,950	910	716
11	398	469	364	305	351	452	446	701	2,060	1,830	895	723
12	452	488	367	305	343	463	441	730	2,140	1,700	895	723
13	469	519	370	310	356	389	430	651	2,110	1,590	880	708
14	475	564	398	310	370	365	424	570	2,310	1,540	872	723
15	463	532	370	310	343	356	430	525	2,730	1,490	865	708
16	469	500	343	315	334	343	436	532	2,620	1,380	850	701
17	463	500	350	320	338	506	446	631	2,580	1,430	850	694
18	458	482	350	325	356	680	469	910	2,650	1,670	842	687
19	452	469	350	330	282	738	452	1,200	2,830	1,650	850	687
20	452	458	345	330	351	658	452	1,330	3,190	1,400	835	687
21	463	463	340	340	360	551	452	1,350	3,490	1,320	828	672
22	469	482	335	347	356	610	452	1,560	3,640	1,260	828	665
23	458	494	330	370	347	858	436	2,040	3,880	1,200	820	694
24	469	488	320	351	347	948	436	2,480	3,530	1,130	812	687
25	469	463	310	351	351	752	446	2,860	2,950	1,100	805	680
26	458	446	300	356	374	658	463	2,530	2,640	1,100	798	651
27	452	370	290	356	351	577	441	2,120	2,820	1,100	798	590
28	441	356	290	356	343	532	436	1,900	3,190	1,060	790	584
29	436	398	290	374	-	624	424	2,180	3,580	1,030	782	584
30	436	414	290	398		651	408	2,900	3,530	1,020	790	570
31	436		290	389		525		2,380		1,000	730	

MEAN	460	460	356	326	351	504	460	1,181	2,656	1,731	878	671
ACRE- FEET	28,280	27,350	21,870	20,050	19,510	30,990	27,380	72,610	158,000	106,400	53,970	39,910

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

TELETON RIVER NEAR ST. ANTHONY, IDAHO

YEAR
OR
PERIOD
MEAN
ACRE-FOOT
838
606,400

Plate No. 46

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,340	1,220	1,700	1,360	1,430	1,310	1,260	824	6,260	5,220	1,380	1,530
2	962	1,290	1,730	1,380	1,410	1,280	1,200	769	5,400	5,260	1,280	1,300
3	998	1,370	1,800	1,350	1,390	1,270	1,140	780	5,490	5,080	1,150	1,220
4	1,040	1,420	1,830	1,400	1,370	1,250	1,120	786	5,440	4,890	1,120	1,210
5	980	1,540	1,790	1,420	1,360	1,210	1,240	769	5,190	4,650	1,630	1,160
6	950	1,650	1,740	1,420	1,340	1,200	1,350	758	4,820	4,500	1,910	1,110
7	926	1,740	1,690	1,330	1,330	1,190	1,240	742	4,880	4,280	1,920	1,080
8	914	1,810	1,730	1,300	1,330	1,130	1,150	796	5,110	4,330	1,760	1,040
9	884	1,780	1,590	1,350	1,390	1,290	1,160	1,110	5,210	4,290	1,610	1,050
10	896	1,640	1,460	1,410	1,420	1,310	1,090	1,650	5,180	3,950	1,300	1,120
11	908	1,710	1,760	1,390	1,410	1,330	1,040	2,520	5,220	3,680	1,170	1,190
12	884	1,820	1,920	1,370	1,360	1,390	1,040	2,560	5,310	3,070	1,090	1,350
13	908	1,840	1,900	1,370	1,390	1,390	1,010	2,250	5,440	2,320	1,030	1,520
14	1,030	1,830	1,870	1,380	1,430	1,310	986	2,000	5,490	1,780	1,060	1,500
15	1,030	1,820	1,870	1,370	1,400	1,260	974	1,930	5,650	1,540	1,000	1,410
16	1,060	1,820	1,780	1,370	1,280	1,240	920	1,910	5,800	1,350	1,020	1,220
17	1,110	1,810	1,770	1,360	1,300	1,280	857	2,180	5,780	1,350	1,100	1,170
18	1,150	1,740	1,740	1,350	1,420	1,600	808	2,810	5,670	2,680	1,250	1,170
19	1,090	1,690	1,740	1,350	1,360	1,720	764	3,450	5,550	3,410	1,400	1,100
20	1,100	1,600	1,770	1,350	1,240	1,650	862	3,920	5,240	3,250	1,420	1,090
21	1,170	1,590	1,790	1,380	1,260	1,510	879	4,210	5,020	2,800	1,450	1,040
22	1,190	1,600	1,720	1,380	1,310	1,450	890	4,460	5,160	2,320	1,500	1,000
23	1,200	1,600	1,170	1,370	1,340	1,600	890	4,950	5,220	1,880	1,530	998
24	1,300	1,570	986	1,370	1,360	1,740	880	5,730	5,590	1,530	1,560	1,010
25	1,300	1,560	1,200	1,360	1,350	1,690	870	6,450	5,530	1,220	1,470	1,010
26	1,320	1,550	1,300	1,380	1,340	1,510	857	6,700	5,050	956	1,420	980
27	1,310	1,610	1,300	1,380	1,370	1,430	818	5,940	4,650	914	1,350	974
28	1,290	1,580	1,300	1,390	1,340	1,320	802	5,020	4,700	938	1,450	932
29	1,280	1,640	1,330	1,400	-	1,310	824	4,580	4,980	1,020	1,410	914
30	1,260	1,690	1,360	1,420	-	1,390	846	5,120	5,110	1,150	1,410	862
31	1,220	-	1,330	1,440	-	1,330	-	6,940	-	1,260	1,460	-

MEAN	1,097	1,638	1,612	1,376	1,358	1,384	992	3,052	5,305	2,802	1,375	1,142
ACRE- FEET	67,440	97,450	99,110	84,600	75,430	85,070	59,040	187,700	315,600	172,300	84,520	67,950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3,170	2,020	2,970	2,050	2,760	2,240	2,370	4,470	10,800	18,700	5,380	4,390
2	3,520	1,980	3,010	2,150	2,610	2,180	2,290	5,090	11,600	19,600	5,150	4,420
3	3,660	1,970	3,130	2,350	2,540	2,160	2,230	6,110	11,700	19,400	4,910	4,420
4	3,680	2,030	3,260	2,460	2,510	2,150	2,090	7,130	11,700	18,300	5,060	4,420
5	3,840	2,060	3,240	2,520	2,520	2,090	1,960	7,490	11,800	17,700	5,830	4,140
6	3,910	2,180	3,300	2,400	2,440	2,060	2,100	8,840	11,600	18,200	6,900	3,750
7	3,660	2,340	3,110	2,450	2,420	2,060	2,200	9,540	12,300	17,900	7,100	3,560
8	3,220	2,420	3,110	2,300	2,340	2,060	2,160	10,100	12,600	16,000	6,500	3,500
9	2,740	2,440	3,090	2,250	2,340	2,020	2,010	10,200	13,700	13,500	5,700	3,450
10	2,490	2,470	2,910	2,300	2,400	2,160	1,970	11,600	15,000	12,800	5,090	3,630
11	2,340	2,490	2,800	2,400	2,390	2,160	1,930	12,400	16,100	11,400	4,740	3,720
12	2,370	2,560	3,520	2,490	2,370	2,290	1,930	13,200	16,500	9,820	4,760	3,960
13	2,350	2,650	3,520	2,520	2,310	2,350	1,920	13,100	16,800	8,940	4,970	4,040
14	2,310	2,650	3,260	2,560	2,400	2,350	2,080	12,500	17,200	8,710	4,970	3,870
15	2,440	2,700	3,260	2,560	2,400	2,210	2,180	12,100	17,700	7,950	4,600	3,590
16	2,400	2,760	3,190	2,470	2,290	2,100	2,210	12,000	17,900	7,260	4,310	3,430
17	2,420	2,800	3,090	2,430	2,270	2,090	2,240	11,800	17,900	6,270	4,340	3,390
18	2,590	2,800	2,950	2,400	2,340	2,210	2,100	11,900	17,600	6,900	4,520	3,360
19	2,520	2,760	2,930	2,400	2,350	2,490	2,060	12,200	16,900	8,150	4,910	3,150
20	2,320	2,670	3,100	2,390	2,260	2,610	1,880	12,700	15,300	8,380	5,350	3,130
21	2,290	2,520	3,100	2,560	2,090	2,580	1,960	12,600	14,400	7,590	5,410	2,970
22	2,370	2,800	2,900	2,990	2,180	2,470	2,150	12,100	14,100	6,860	5,030	2,780
23	2,420	2,850	2,630	3,080	2,260	2,420	2,440	11,500	14,700	6,180	4,680	2,930
24	2,420	2,850	2,460	2,900	2,240	2,580	2,490	10,700	17,000	5,860	4,710	3,450
25	2,440	2,820	2,230	2,500	2,260	2,720	2,590	10,700	17,700	4,740	4,880	3,300
26	2,370	2,800	2,000	2,470	2,270	2,590	2,580	10,700	17,500	3,770	4,850	3,090
27	2,210	2,820	2,000	2,520	2,240	2,440	3,010	10,400	16,800	3,790	4,740	3,240
28	2,160	2,850	2,050	2,610	2,270	2,370	3,360	9,950	16,300	3,940	4,490	3,300
29	1,980	2,850	2,080	2,720	-	2,290	3,750	9,310	15,200	4,080	4,290	3,300
30	1,940	2,930	1,950	2,910		2,370	4,210	8,810	16,600	5,030	4,180	3,280
31	1,970		1,950	2,850		2,420		9,270		5,410	4,240	

MEAN	2,662	2,561	2,842	2,515	2,360	2,300	2,348	10,340	15,100	10,100	5,051	3,565
ACRE- FEET	163,700	152,400	174,700	154,600	131,000	141,400	319,700	635,700	898,500	621,100	310,600	212,200

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

SNAKE RIVER NEAR SHELLEY, IDAHO

YEAR
5,160
MEAN
3,736,000
ACRE-
FEET

Plate No. 48

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	63	0	0			0	148	0	0	0	0
2	0	18	0	2			0	48	0	0	0	0
3	5	14	0	4			0	4	0	0	0	0
4	37	15	0	2			0	30	0	3	0	0
5	43	22	0	0			0	47	0	1	0	0
6	39	7	0	2			0	74	0	0	0	0
7	33	5	0	1			0	84	0	0	18	0
8	23	1	0	1			0	48	2	0	4	0
9	5	5	0	1			1	100	13	0	0	0
10	0	11	0	0			4	283	53	0	0	0
11	0	12	0	0			5	436	117	0	0	0
12	0	7	0	0			7	370	137	0	0	0
13	0	3	0	0			5	253	95	0	0	1
14	0	0	0	0			1	84	137	0	0	0
15	0	0	0	0			5	29	224	0	0	0
16	0	0	0	0			13	72	237	0	0	0
17	0	0	0	0			12	92	221	0	0	0
18	0	0	0	0			7	101	143	0	0	0
19	0	0	0	0			7	90	49	0	1	0
20	0	0	0	0			17	52	9	0	7	0
21	84	0	0	0			40	14	25	0	5	0
22	224	0	0	0			47	0	44	0	0	0
23	178	0	0	1			53	0	36	0	0	0
24	130	0	0	0			26	0	14	0	0	0
25	117	0	0	0			17	0	2	0	0	0
26	94	0	0	0			16	0	0	0	0	0
27	105	0	0	0			44	0	0	0	0	0
28	127	0	0	0			60	0	0	0	0	0
29	117	0	0	0			72	0	0	0	0	0
30	92	0	2	0			127	0	0	0	0	0
31	99	0	0	0				0	0	0	0	0

MEAN	50.1	6.1	0	0.5	0	0	19.5	79.3	51.9	0.1	1.2	0
ACRE- FEET	3,080	363	4	28	0	0	1,160	4,880	3,090	8	71	2

U. S. GOVERNMENT PRINTING OFFICE 16-00006-1

BLACKFOOT RIVER BYPASS NEAR BLACKFOOT, IDAHO

YEAR 17.5
or MEAN
-PERIOD ACRE-FOOT 12,680

Plate No. 49

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	89	201	75	30	83	45	96	275	103	14	16	42
2	79	176	75	30	65	59	92	192	104	24	27	104
3	130	182	85	29	57	78	78	194	81	39	25	100
4	202	184	85	29	55	57	72	228	83	102	50	76
5	213	193	82	29	54	46	75	235	85	146	93	72
6	202	180	75	28	51	41	100	247	79	156	113	34
7	201	180	55	28	47	39	114	249	85	144	190	13
8	197	173	54	28	45	39	120	233	99	120	180	16
9	182	176	54	30	39	45	125	249	136	146	130	30
10	152	185	57	33	51	44	137	321	176	121	117	97
11	124	185	59	35	51	45	148	378	221	45	114	107
12	120	178	60	38	50	49	155	354	232	40	140	130
13	114	173	60	40	57	53	149	328	232	15	149	140
14	109	168	60	42	51	49	134	264	249	12	130	118
15	104	161	60	45	45	46	155	233	288	49	109	78
16	106	131	56	45	48	43	173	247	298	57	74	56
17	107	90	48	45	62	46	179	260	296	55	59	76
18	130	79	45	45	55	54	167	262	279	28	40	64
19	158	74	40	45	37	60	170	258	238	27	102	54
20	161	71	37	47	40	64	184	232	202	30	166	53
21	201	69	34	49	34	62	202	167	209	20	176	51
22	275	75	33	52	37	56	209	51	223	15	136	47
23	264	71	32	55	53	53	215	33	215	45	85	46
24	244	65	30	55	47	57	199	16	188	43	48	39
25	228	59	29	55	54	79	191	27	124	41	28	81
26	212	59	28	55	48	81	191	38	74	85	35	88
27	225	57	28	58	47	78	213	33	74	102	30	81
28	232	62	28	64	44	75	230	33	99	106	34	78
29	226	76	28	71	-	76	240	55	45	89	23	102
30	215	78	29	72		86	262	79	14	43	20	106
31	213		29	82		78		83		46	25	

MEAN	175	127	50.0	44.8	50.2	57.5	159	189	161	64.7	85.9	72.6
ACRE- FEET	10,740	7,560	3,070	2,760	2,790	3,540	9,470	11,610	9,580	3,980	5,280	4,320

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,060	1,940	2,840	1,990	2,900	2,430	2,600	3,820	5,780	14,000	1,550	1,330
2	1,520	1,830	2,870	2,050	2,760	2,380	2,500	4,120	7,000	15,500	1,550	1,490
3	2,000	1,860	3,050	2,170	2,670	2,390	2,390	5,070	7,570	15,700	1,250	1,460
4	2,240	1,880	3,080	2,490	2,630	2,340	2,310	6,010	7,570	15,300	1,180	1,570
5	2,500	1,940	3,180	2,470	2,610	2,310	2,250	6,700	7,780	13,900	1,560	1,420
6	2,730	2,030	3,180	2,260	2,570	2,260	2,120	7,520	7,700	14,200	2,790	1,040
7	2,650	2,180	3,120	2,390	2,530	2,260	2,310	8,420	8,420	14,100	4,010	738
8	2,340	2,300	3,010	2,180	2,490	2,220	2,340	8,640	9,040	13,400	3,720	604
9	1,890	2,350	3,000	2,120	2,430	2,240	2,260	8,800	9,920	10,500	2,850	542
10	1,560	2,500	2,680	2,250	2,490	2,250	2,200	10,300	11,500	9,400	2,260	590
11	1,380	2,510	2,680	2,350	2,500	2,310	2,160	11,500	13,100	8,450	1,830	850
12	1,280	2,680	2,840	2,510	2,500	2,360	2,170	12,300	13,800	6,610	1,930	1,170
13	1,410	2,680	3,340	2,500	2,490	2,490	2,150	12,200	14,200	5,320	2,200	1,560
14	1,530	2,740	3,300	2,540	2,500	2,470	2,180	11,500	14,800	4,840	2,430	1,620
15	1,620	2,730	3,200	2,610	2,560	2,430	2,340	10,900	15,700	4,410	2,210	1,370
16	1,690	2,770	3,150	2,580	2,530	2,300	2,440	10,600	16,500	3,750	1,740	1,250
17	1,700	2,730	3,060	2,470	2,420	2,260	2,400	10,400	16,600	3,000	1,650	1,120
18	1,950	2,740	2,890	2,560	2,440	2,250	2,270	10,300	16,400	2,560	1,650	1,070
19	2,350	2,730	2,840	2,470	2,510	2,470	2,170	10,400	15,700	3,660	1,930	938
20	2,250	2,670	3,000	2,500	2,490	2,640	2,100	10,800	13,700	4,570	2,560	723
21	2,250	2,540	3,000	2,570	2,350	2,670	2,100	10,300	12,500	4,070	2,790	667
22	2,670	2,630	2,820	3,170	2,310	2,630	2,200	9,380	12,200	3,430	2,630	452
23	2,690	2,770	2,430	3,200	2,400	2,540	2,430	7,780	12,200	2,820	2,190	350
24	2,600	2,770	2,170	2,890	2,390	2,570	2,490	6,580	14,000	2,680	2,030	524
25	2,530	2,760	1,940	2,770	2,460	2,740	2,330	6,220	14,900	1,950	2,060	922
26	2,390	2,730	1,900	2,600	2,460	2,790	2,070	6,200	14,900	818	2,100	709
27	2,330	2,730	1,940	2,670	2,440	2,630	2,110	5,780	14,000	399	2,000	590
28	2,210	2,740	2,060	2,700	2,420	2,530	2,440	5,280	13,600	316	1,840	738
29	2,060	2,770	2,060	2,820	-	2,530	2,770	4,600	12,400	399	1,530	874
30	1,910	2,810	1,800	2,950		2,490	3,320	4,160	12,100	818	1,300	962
31	1,880		1,850	3,060		2,570		4,520		1,600	1,180	

MEAN	2,038	2,501	2,719	2,544	2,509	2,444	2,331	8,100	12,190	6,531	2,081	975
ACRE- FEET	125,300	148,800	167,200	156,400	139,300	150,200	138,700	498,000	725,100	401,600	127,900	58,000

U. S. GOVERNMENT PRINTING OFFICE 10-60006-1

SNAKE RIVER NEAR BLACKFOOT, IDAHO

YEAR
OR
PERIOD
MEAN
ACRE-
FEET
3,918
2,837,000

Plate No. 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	94	73	231	170	287	256	373	360	326	435	68	79
2	104	72	237	160	280	266	366	355	309	405	65	80
3	99	72	254	190	272	260	357	352	295	373	60	86
4	169	72	268	185	268	250	354	357	273	292	65	82
5	231	73	258	185	262	242	392	364	268	258	91	86
6	133	83	261	200	259	239	407	369	265	248	72	89
7	76	97	254	170	250	239	393	374	276	237	69	86
8	74	110	246	175	244	240	394	428	320	239	67	82
9	75	130	228	180	242	242	396	506	399	295	66	79
10	60	141	217	190	243	246	392	550	373	263	66	79
11	55	179	225	205	242	260	388	599	354	210	70	78
12	66	178	225	220	242	289	383	570	360	178	71	79
13	67	182	224	230	245	318	378	530	402	149	71	82
14	69	188	230	250	258	304	376	494	459	132	71	83
15	60	181	231	276	263	292	376	477	510	114	74	85
16	33	180	223	270	249	280	377	477	541	101	74	83
17	34	181	221	262	253	323	370	519	549	96	80	81
18	64	182	183	247	249	365	364	564	518	74	77	82
19	88	179	190	238	276	375	371	608	456	89	73	82
20	70	174	195	235	252	359	377	636	445	121	71	86
21	50	183	195	257	240	348	368	620	506	102	73	87
22	39	197	190	273	238	353	361	609	553	85	69	83
23	26	189	190	289	239	364	364	627	541	65	73	85
24	63	182	185	264	242	384	364	633	514	69	77	85
25	60	182	190	249	245	384	361	625	488	65	76	85
26	59	209	190	242	253	378	355	576	470	76	77	85
27	49	210	190	241	257	373	350	474	473	76	85	78
28	52	209	185	240	255	369	351	432	545	71	85	71
29	55	218	180	248	-	398	355	446	549	66	87	49
30	65	234	185	267		408	363	430	488	68	79	55
31	74		190	279		390		399		66	81	

MEAN	74.6	158	215	229	254	316	373	495	428	165	73.6	80.4
ACRE- FEET	4,590	9,400	13,230	14,060	14,090	19,430	22,170	30,470	25,440	10,150	4,530	4,780

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

PORTNEUF RIVER AT POCAHELLO, IDAHO

YEAR
for
Period

MEAN
ACRE-Feet

238
172,300

Plate No. 52

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62							0	73	114	103	104
2	62							36	80	114	103	92
3	60							27	80	114	103	91
4	58							0	80	114	103	96
5	53							0	80	114	103	89
6	51							0	80	112	101	89
7	51							0	73	123	103	87
8	51							0	65	131	103	85
9	51							34	63	126	103	77
10	53							0	57	126	103	77
11	49							0	54	135	100	77
12	55							0	54	145	86	70
13	53							0	54	146	90	67
14	49							0	52	141	108	62
15	0							0	54	135	113	54
16	0							0	54	132	115	52
17	0							0	54	138	115	52
18	0							0	54	140	108	50
19	0							0	55	138	95	50
20	0							0	66	131	104	50
21	0							0	57	123	114	58
22	0							0	65	108	112	58
23	0							0	72	104	112	58
24	0							70	71	104	112	56
25	0							82	71	117	110	56
26	0							52	78	119	112	56
27	0							52	78	119	108	60
28	0							52	85	111	104	61
29	0							56	101	108	101	61
30	0							74	112	106	102	65
31	0							74	112	103	102	

MEAN	24.5	0	0	0	0	0	0	19.6	69.1	122	105	68.7
ACRE- FEET	1,500	0	0	0	0	0	0	1,210	4,110	7,520	6,450	4,090

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28							0	72	110	105	91
2	27							0	72	110	95	74
3	27							0	72	121	92	69
4	27							0	72	125	91	69
5	26							0	72	125	91	69
6	25							0	72	125	91	69
7	25							0	58	125	91	69
8	18							0	55	125	91	69
9	14							0	55	123	90	55
10	14							0	45	122	90	51
11	14							0	40	122	90	51
12	14							0	40	122	90	51
13	14							0	40	135	90	51
14	12							0	40	135	90	51
15	8							0	10	127	90	49
16	0							18	0	124	90	49
17	0							21	0	124	90	49
18	0							28	0	130	90	49
19	0							32	0	133	76	49
20	0							32	40	133	71	49
21	0							32	40	125	88	49
22	0							32	40	111	92	49
23	0							53	40	107	92	49
24	0							62	40	119	91	49
25	0							74	40	119	91	49
26	0							74	40	119	91	49
27	0							87	59	119	91	49
28	0							93	71	119	91	49
29	0							91	92	108	91	49
30	0							91	108	105	91	49
31	0							74	108	105	91	49

MEAN	9.5	0	0	0	0	0	0	28.8	47.5	121	90.1	55.8
ACRE-	581	0	0	0	0	0	0	1,770	2,830	7,440	5,540	3,320
FEET												

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

MICHAUD CANAL AT AMERICAN FALLS, IDAHO

YEAR
OR
PERIOD
MEAN
ACRE-FOOT
29.7
21,480

Plate No. 54

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	163	487	802	1,127	1,389	1,596	1,596	1,590	1,696	1,344	846
2	3	173	499	812	1,138	1,395	1,601	1,596	1,584	1,700	1,328	829
3	3	182	513	821	1,149	1,406	1,607	1,599	1,581	1,711	1,310	814
4	4	192	522	832	1,155	1,418	1,609	1,601	1,578	1,711	1,295	800
5	6	201	537	840	1,165	1,423	1,613	1,604	1,573	1,711	1,275	783
6	10	211	547	851	1,178	1,428	1,620	1,604	1,575	1,715	1,257	769
7	13	221	556	860	1,187	1,431	1,623	1,610	1,579	1,714	1,241	753
8	15	231	568	870	1,195	1,436	1,626	1,616	1,580	1,712	1,230	739
9	18	241	580	878	1,204	1,441	1,630	1,623	1,586	1,704	1,216	724
10	21	252	589	889	1,216	1,451	1,634	1,631	1,596	1,699	1,202	708
11	22	265	598	898	1,226	1,457	1,633	1,638	1,607	1,695	1,188	690
12	23	276	607	908	1,236	1,464	1,629	1,649	1,622	1,687	1,173	682
13	22	287	615	918	1,243	1,470	1,632	1,661	1,639	1,673	1,164	670
14	24	298	628	928	1,252	1,480	1,630	1,668	1,655	1,660	1,144	661
15	28	310	640	938	1,262	1,487	1,626	1,679	1,676	1,647	1,129	652
16	32	322	650	948	1,267	1,493	1,630	1,687	1,696	1,629	1,113	641
17	35	333	660	959	1,279	1,500	1,629	1,690	1,703	1,614	1,095	632
18	42	344	671	970	1,290	1,506	1,627	1,694	1,702	1,597	1,076	621
19	49	356	681	979	1,301	1,513	1,622	1,698	1,700	1,581	1,058	610
20	56	363	691	991	1,309	1,521	1,621	1,699	1,697	1,567	1,041	601
21	67	378	702	1,005	1,316	1,528	1,623	1,697	1,689	1,553	1,024	591
22	77	388	713	1,016	1,328	1,535	1,620	1,692	1,689	1,538	1,010	580
23	88	398	723	1,028	1,339	1,538	1,619	1,684	1,692	1,520	993	570
24	98	410	732	1,039	1,346	1,546	1,616	1,669	1,696	1,503	974	560
25	107	419	740	1,051	1,351	1,552	1,609	1,663	1,700	1,487	960	550
26	116	431	748	1,061	1,364	1,558	1,608	1,654	1,704	1,464	943	542
27	124	444	757	1,071	1,374	1,565	1,601	1,644	1,703	1,443	925	532
28	131	454	767	1,082	1,383	1,569	1,598	1,631	1,701	1,424	911	522
29	138	465	777	1,092	-	1,571	1,593	1,618	1,696	1,403	896	510
30	143	477	786	1,105	-	1,581	1,596	1,609	1,693	1,384	879	494
31	154	-	795	1,116	-	1,590	-	1,597	-	1,362	862	-

contents, in thousands of are-feet

MEAN												
ACRE-												
FEET												

U. S. GOVERNMENT PRINTING OFFICE 16-00006-1

AMERICAN FALLS RESERVOIR AT AMERICAN FALLS, IDAHO

YEAR
OR
PERIOD

MEAN
ACRE-
FEET

Plate No. 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6,030	70	52	193	102	895	2,030	5,870	12,400	15,200	13,200	12,400
2	5,130	66	53	190	117	1,240	2,010	6,190	11,900	15,000	13,200	12,300
3	4,940	57	54	172	134	1,250	2,140	6,710	11,700	15,100	13,200	12,200
4	5,010	56	54	134	238	1,280	2,350	6,910	11,800	15,200	13,200	12,000
5	5,130	56	246	120	166	1,270	2,430	7,210	11,700	15,500	13,200	11,900
6	4,430	56	630	135	142	1,280	2,430	7,600	11,300	15,600	13,000	11,800
7	4,640	56	630	148	140	1,280	2,690	8,190	10,600	16,300	13,000	11,600
8	5,010	56	784	148	150	1,280	2,920	8,810	10,300	16,900	12,800	11,400
9	4,150	56	864	111	155	1,280	2,980	9,450	10,000	16,900	12,600	11,100
10	3,600	57	864	61	160	1,290	3,260	9,650	9,750	14,600	12,200	11,000
11	3,760	56	872	61	163	1,290	3,920	9,350	9,650	12,600	12,100	10,600
12	4,320	56	880	61	172	1,290	4,400	9,200	9,600	13,400	12,000	10,200
13	4,640	56	880	63	181	1,280	4,750	9,150	9,650	13,800	9,330	10,000
14	4,180	57	742	62	184	1,300	5,280	9,200	9,350	14,300	15,000	9,450
15	3,660	56	539	63	187	1,320	5,130	9,250	8,810	13,800	12,000	9,050
16	3,350	55	460	146	196	1,430	5,050	10,100	9,500	13,600	12,800	9,050
17	3,060	52	406	190	208	1,500	5,160	10,900	15,400	13,800	13,600	8,900
18	2,790	53	397	193	202	1,500	5,200	11,100	19,000	13,600	13,800	8,860
19	1,980	53	330	199	208	1,500	5,320	11,600	19,700	13,300	13,700	8,860
20	1,490	54	276	169	211	1,500	5,440	12,600	19,700	13,500	13,600	8,810
21	1,540	54	283	132	211	1,500	5,440	14,400	18,800	13,700	13,600	8,560
22	1,270	53	283	118	202	1,500	5,440	14,600	15,900	13,600	13,400	8,520
23	1,170	53	280	104	220	1,850	5,790	14,600	14,200	13,400	13,300	8,470
24	1,360	53	283	102	211	2,090	6,190	14,600	13,800	13,300	13,200	8,470
25	1,500	53	283	102	202	2,090	6,590	14,100	14,600	13,300	13,100	8,470
26	1,550	54	283	104	202	2,090	6,910	13,700	15,900	13,200	13,000	8,520
27	1,600	54	283	105	205	2,180	7,170	13,400	16,800	13,400	12,800	8,520
28	1,630	54	238	105	205	2,140	7,170	13,400	17,700	13,400	12,600	8,470
29	1,660	68	196	105	-	2,090	6,870	13,300	17,700	13,600	12,400	8,470
30	1,700	58	190	104	-	2,180	6,630	13,200	16,500	13,400	12,400	8,330
31	786	-	190	105	-	2,090	-	13,000	-	13,300	12,400	-

MEAN	3,131	56.3	413	123	181	1,550	4,636	10,690	13,460	14,180	12,890	9,876
ACRE- FEET	192,500	3,350	25,400	7,550	10,060	95,320	275,900	657,200	800,700	871,900	792,900	587,700

U. S. GOVERNMENT PRINTING OFFICE 16-60068-1

SNAKE RIVER AT NEELEY, IDAHO

YEAR
or
PERIOD

MEAN
or
ACRE-
FEET

5,968
4,320,000

Plate No. 56

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	48,410	38,300	32,700	43,550	40,380	37,470	85,400	91,230	93,790	94,950	94,950	96,870
2	45,030	37,260	32,910	43,760	40,380	38,510	85,170	90,530	93,790	95,430	95,670	96,150
3	43,760	36,750	32,180	43,760	40,280	40,800	86,330	90,640	93,320	94,950	96,390	95,910
4	41,020	36,430	32,080	43,760	40,590	42,920	86,680	90,640	92,860	95,180	96,870	95,910
5	38,920	36,020	30,420	43,970	40,590	44,400	85,520	90,760	92,860	95,910	96,870	95,310
6	37,990	36,020	31,870	43,020	40,700	44,610	86,800	89,600	93,090	96,630	97,230	95,180
7	36,020	35,810	31,560	42,280	40,700	47,990	86,330	89,710	94,250	96,390	97,110	95,670
8	34,570	36,020	31,560	41,860	40,700	49,260	86,330	90,760	95,310	96,870	97,350	95,910
9	36,540	36,020	33,740	41,440	39,230	51,170	87,030	90,060	95,430	96,870	98,320	95,910
10	37,260	35,810	34,780	40,380	39,030	52,890	87,500	90,640	95,430	96,150	99,040	96,390
11	38,090	35,290	35,810	40,380	41,020	54,720	87,030	91,690	95,310	94,020	98,080	96,870
12	38,090	35,810	36,640	39,440	41,440	57,190	86,680	91,810	95,430	94,720	96,990	96,270
13	38,920	36,120	36,640	39,030	41,440	58,270	86,500	92,390	94,950	94,140	94,250	96,270
14	42,810	36,020	36,640	38,610	40,380	59,990	88,080	92,860	95,180	94,250	91,460	96,390
15	40,700	36,020	38,510	38,300	40,590	61,940	89,250	92,860	96,030	95,180	94,950	96,630
16	42,180	35,810	39,550	38,300	39,750	63,260	89,480	93,320	96,390	95,310	92,390	96,870
17	39,130	35,810	39,960	38,510	38,300	65,560	90,760	94,840	97,840	94,950	92,620	96,630
18	40,910	35,710	40,380	38,720	38,300	67,650	90,530	94,490	95,430	95,430	93,790	96,390
19	41,760	35,600	41,120	38,720	39,340	68,750	90,640	94,720	95,070	94,720	94,490	96,030
20	41,020	35,400	41,330	39,230	39,340	71,610	91,110	94,720	94,950	94,720	95,550	96,030
21	39,550	35,190	41,230	39,960	39,130	73,620	92,390	94,910	94,490	94,950	96,150	96,030
22	42,070	35,290	41,760	40,280	38,300	75,760	93,320	97,470	91,690	95,180	97,110	95,430
23	41,860	34,780	42,070	40,170	38,510	77,450	92,390	97,350	90,410	95,180	98,080	95,180
24	41,970	34,570	42,280	40,170	38,920	79,260	92,510	96,390	92,040	95,430	98,560	95,070
25	41,440	34,570	42,500	40,170	38,610	81,170	91,460	95,430	93,550	95,790	99,040	94,720
26	40,800	33,530	42,810	40,170	37,890	82,410	91,460	95,070	95,670	94,720	99,280	94,720
27	40,380	34,460	42,920	40,380	37,780	83,310	90,530	93,790	95,790	93,790	99,040	94,950
28	39,750	34,150	43,130	40,280	37,990	84,010	90,290	93,200	97,350	94,250	98,800	95,910
29	39,550	33,530	43,450	40,280	-	82,640	90,410	92,390	96,630	94,250	98,920	96,150
30	38,720	33,010	43,450	40,380	-	84,240	90,410	93,550	95,910	95,070	98,440	95,790
31	39,130	-	43,550	40,280	-	85,870	90,410	94,020	-	94,600	97,590	-

MEAN ACRE- FEET												

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	664						0	458	1,720	1,840	1,500	1,460
2	654						0	458	1,510	1,860	1,440	1,400
3	662						0	458	1,330	1,860	1,470	1,400
4	658						0	458	1,300	1,860	1,510	1,400
5	654						0	488	1,300	1,870	1,450	1,400
6	654						0	568	1,220	1,870	1,370	1,360
7	650						0	658	1,050	1,870	1,330	1,300
8	650						69	750	984	1,880	1,340	1,270
9	660						151	977	876	1,870	1,390	1,200
10	706						207	1,090	823	1,860	1,460	1,110
11	790						363	1,070	823	1,860	1,520	1,000
12	810						451	1,040	896	1,870	1,540	874
13	761						483	1,040	1,030	1,870	1,540	843
14	724						503	1,050	1,070	1,870	1,560	843
15	694						535	1,080	968	1,880	1,590	803
16	622						523	1,250	880	1,880	1,650	753
17	588						501	1,510	803	1,890	1,710	750
18	541						524	1,760	797	1,890	1,730	748
19	537						572	1,840	854	1,890	1,680	746
20	315						594	1,850	966	1,880	1,630	770
21	0						596	1,850	1,050	1,850	1,620	843
22	0						604	1,850	1,070	1,780	1,630	900
23	0						600	1,850	1,040	1,680	1,630	920
24	0						598	1,840	994	1,660	1,630	920
25	0						596	1,840	999	1,710	1,640	960
26	0						620	1,840	1,100	1,700	1,640	982
27	0						672	1,840	1,280	1,700	1,630	982
28	0						676	1,840	1,330	1,710	1,580	987
29	0						596	1,850	1,490	1,700	1,510	987
30	0						530	1,850	1,720	1,600	1,510	987
31	0							1,810		1,550	1,510	

MEAN	419	0	0	0	0	0	385	1,294	1,109	1,808	1,546	1,030
ACRE- FEET	25,770	0	0	0	0	0	22,940	79,560	66,000	111,200	95,090	61,290

U. S. GOVERNMENT PRINTING OFFICE 16-6006-1

NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

YEAR
as
PERIOD
MEAN
ACRE-
FEET
638
461,800

Plate No. 58

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	452						0	55	1,430	1,400	1,430	1,310
2	472						0	54	1,440	1,410	1,430	1,310
3	484						0	54	1,400	1,410	1,400	1,300
4	484						0	54	1,350	1,420	1,370	1,270
5	489						0	53	1,340	1,430	1,350	1,260
6	512						0	54	1,320	1,450	1,330	1,230
7	532						0	143	1,180	1,460	1,290	1,200
8	596						0	316	1,060	1,460	1,230	1,130
9	534						0	378	1,010	1,460	1,210	1,050
10	524						0	424	901	1,460	1,230	985
11	514						0	424	862	1,470	1,240	901
12	560						0	390	865	1,490	1,270	895
13	536						0	356	811	1,490	1,260	838
14	484						0	318	718	1,490	1,230	757
15	455						30	320	617	1,490	1,280	710
16	434						50	402	586	1,490	1,330	690
17	436						50	591	522	1,480	1,340	679
18	436						50	796	519	1,480	1,340	652
19	348						50	874	625	1,460	1,340	649
20	90						50	1,040	718	1,460	1,350	665
21							50	1,160	715	1,450	1,350	749
22							101	1,180	790	1,480	1,350	718
23							151	1,370	710	1,480	1,350	696
24							162	1,420	701	1,480	1,330	712
25							260	1,420	865	1,480	1,320	732
26							298	1,420	1,080	1,480	1,310	740
27							298	1,410	1,220	1,470	1,300	754
28							192	1,430	1,270	1,460	1,290	784
29							105	1,430	1,300	1,440	1,290	808
30							80	1,420	1,380	1,450	1,310	823
31								1,430		1,440	1,310	

MEAN	302	0	0	0	0	0	65.9	716	977	1,460	1,315	900
ACRE- FEET	18,590	0	0	0	0	0	3,920	44,010	58,130	89,790	80,850	53,550

U. S. GOVERNMENT PRINTING OFFICE 16-00006-1

SOUTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

YEAR
OF
PERIOD

MEAN
ACRE-
FEET

482
348,800

Plate No. 59

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5,360	1,020	306	395	294	483	1,800	5,710	9,110	11,500	9,610	9,570
2	5,440	465	294	405	302	494	1,790	5,950	8,760	10,600	9,450	9,570
3	5,310	342	440	350	302	478	1,840	6,260	8,700	10,900	9,420	9,420
4	5,240	329	500	342	302	488	2,100	6,400	8,900	11,000	9,450	9,230
5	5,070	274	532	527	306	488	2,590	6,590	8,780	11,000	9,700	9,200
6	4,150	262	516	758	310	522	2,590	7,020	8,350	11,300	9,730	9,110
7	4,070	294	527	662	302	522	2,640	7,320	7,790	11,900	9,800	8,900
8	3,960	294	602	638	338	527	2,720	7,560	7,730	12,600	9,570	8,810
9	2,240	294	590	632	370	522	2,750	7,900	7,760	13,200	9,360	8,580
10	2,100	286	590	596	278	532	2,860	7,980	7,730	12,600	9,200	8,550
11	2,030	282	596	466	138	538	3,420	7,590	7,760	9,540	9,260	8,640
12	2,150	282	758	584	140	549	3,700	7,480	7,700	9,420	9,320	8,960
13	2,740	278	958	522	286	549	3,770	7,560	7,560	10,200	9,360	8,610
14	2,740	282	440	544	483	555	4,200	7,620	7,240	10,400	9,540	8,070
15	2,410	282	282	282	662	560	4,180	7,700	6,940	10,200	9,480	7,430
16	2,120	290	262	306	662	560	4,120	7,790	7,210	9,990	9,640	7,560
17	1,960	282	306	282	626	527	4,140	7,980	12,300	10,300	9,730	7,790
18	1,250	290	370	278	538	494	4,160	8,320	17,600	10,300	9,770	7,760
19	1,080	290	395	262	505	500	4,330	8,810	18,000	10,200	9,770	7,820
20	1,100	290	560	282	500	500	4,440	9,260	18,000	10,200	9,670	7,790
21	1,140	298	318	298	516	505	4,400	9,890	17,800	10,200	9,800	7,560
22	1,360	294	302	306	505	516	4,740	11,000	15,800	10,300	9,730	7,540
23	1,360	286	430	290	505	784	4,950	11,300	13,000	10,200	9,610	7,400
24	1,480	278	395	278	500	1,070	5,360	11,200	11,600	10,100	9,730	7,340
25	1,790	278	338	278	500	1,100	6,160	11,100	11,700	10,100	9,770	7,290
26	1,820	298	350	274	500	1,730	6,350	10,900	12,500	10,100	9,730	7,260
27	1,820	270	355	282	488	1,830	6,480	10,400	13,400	10,200	9,800	7,240
28	1,770	560	355	278	488	1,880	6,620	9,800	14,400	9,860	9,640	6,890
29	1,770	590	355	278	-	1,960	6,370	9,510	14,800	9,890	9,480	7,160
30	1,810	602	360	282	-	2,140	6,450	9,390	13,600	9,930	9,480	7,240
31	1,150	-	365	390	-	1,940	-	9,360	-	9,830	9,610	-

MEAN	2,574	349	443	398	416	834	4,067	8,473	11,080	10,580	9,587	8,143
ACRE- FEET	158,300	20,750	27,270	24,490	23,100	51,260	242,000	521,000	659,500	650,700	589,500	484,500

Partial statistics for the year ending September 30, 1901

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	59						0	21	215	221	212	186
2	60						0	21	189	221	203	171
3	60						0	21	159	248	212	171
4	56						0	21	159	254	212	165
5	61						0	21	170	254	208	151
6	53						0	27	159	254	208	146
7	55						0	27	138	254	208	136
8	58						0	30	123	254	212	131
9	58						0	38	117	254	208	116
10	68						0	48	107	254	197	116
11	83						0	44	107	254	191	106
12	78						21	49	103	254	183	113
13	73						21	52	107	254	183	108
14	18						21	52	107	254	191	103
15	18						21	52	97	253	202	96
16	18						21	72	80	253	208	86
17	18						21	85	69	253	212	86
18	18						21	94	69	253	212	86
19	18						21	103	78	253	208	86
20	18						21	118	119	253	208	75
21	18						21	118	133	253	212	75
22	0						21	145	146	238	212	75
23	0						21	173	165	238	212	75
24	0						21	204	167	238	212	75
25	0						21	211	167	238	212	75
26	0						21	213	175	232	197	82
27	0						21	233	196	232	197	86
28	0						30	233	204	224	207	86
29	0						21	239	201	215	207	86
30	0						21	233	207	215	202	91
31	0						21	233	207	212	202	

MEAN	31.2	0	0	0	0	0	13.6	104	141	243	205	108
ACRE- FEET	1,920	0	0	0	0	0	809	6,410	8,400	14,950	12,600	6,430

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

MINIDOKA NORTH SIDE PUMP CANAL NEAR BURLEY, IDAHO

YEAR
ON
PERIOD

MEAN
ACRE-
FEET

71.1
51,500

Plate No. 61

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9.88	5.95	3.80	2.80	2.90	4.10	8.20	10.90	11.04	10.92	11.23	11.04
2	9.59	6.25	3.50	2.80	2.90	4.00	8.20	10.95	11.03	10.85	11.16	11.08
3	9.66	6.35	3.00	2.80	2.90	4.10	8.20	11.02	10.99	10.89	11.09	11.08
4	9.57	6.25	2.75	2.80	2.90	4.65	8.10	11.10	10.96	11.00	11.00	11.12
5	9.40	6.10	2.50	2.80	2.90	4.10	7.90	11.01	11.11	11.04	10.95	11.05
6	9.20	5.90	2.60	2.80	2.90	4.00	8.10	10.80	11.18	11.04	11.04	10.96
7	9.06	5.40	2.60	3.00	2.90	4.10	8.10	10.52	11.04	11.07	11.02	11.02
8	9.10	4.90	2.60	3.20	2.90	4.10	8.10	10.81	10.99	11.08	11.14	11.03
9	8.98	4.60	2.60	3.30	2.90	4.10	8.10	10.82	10.96	11.06	11.15	11.05
10	9.10	4.60	2.60	3.30	2.90	4.10	8.30	10.97	10.97	11.06	11.10	11.00
11	8.84	4.70	2.70	3.30	2.90	4.10	8.30	11.12	10.93	11.06	10.97	10.95
12	8.58	4.80	2.75	3.30	2.90	4.10	8.90	11.02	10.96	10.88	10.88	10.93
13	7.98	4.85	2.80	3.30	3.20	4.10	9.30	10.88	10.98	10.74	10.83	11.18
14	8.30	4.90	2.90	3.30	3.00	4.10	9.42	10.89	10.98	10.91	10.80	11.30
15	8.80	4.80	3.10	3.30	3.30	4.40	9.82	10.76	11.14	11.04	10.80	11.14
16	9.10	4.80	3.40	3.30	3.60	4.60	9.90	10.80	11.06	11.04	10.73	11.02
17	9.20	4.80	3.00	3.20	4.00	5.10	10.25	10.57	10.94	10.94	10.71	10.96
18	9.10	4.70	2.80	3.10	4.30	5.40	10.14	10.26	10.82	11.08	10.71	10.98
19	8.90	4.80	2.80	3.20	4.50	5.50	9.92	10.31	10.71	11.09	10.75	11.02
20	8.50	4.50	2.80	3.10	4.60	5.60	9.74	10.42	10.56	11.10	10.90	11.05
21	7.85	4.25	2.60	3.10	4.60	5.70	9.82	10.54	10.47	11.07	10.78	11.05
22	7.50	4.20	2.80	3.00	4.70	5.70	9.70	10.62	10.52	11.07	10.94	10.96
23	7.00	4.25	2.70	3.00	4.70	5.70	9.63	10.60	10.62	11.12	10.96	10.98
24	6.45	4.10	2.70	3.00	4.70	5.70	9.68	10.61	10.56	11.17	10.90	10.96
25	6.20	4.00	2.80	2.90	4.50	5.80	9.88	10.68	10.60	11.16	10.88	10.92
26	6.20	3.80	2.80	2.90	4.30	5.86	10.26	10.90	10.64	11.10	10.92	10.93
27	6.20	3.70	2.80	2.90	4.30	6.00	10.44	10.91	10.72	11.13	10.96	10.96
28	6.30	3.50	2.80	2.90	4.20	7.90	10.54	10.84	10.78	11.18	11.07	10.88
29	6.30	3.30	2.80	2.90	-	8.00	10.68	10.75	10.95	11.10	11.10	10.80
30	6.30	3.50	2.80	2.90	-	7.85	10.23	10.79	10.84	11.18	11.05	10.75
31	6.30	-	2.80	2.90	-	8.20	-	10.89	-	11.18	11.01	-

MEAN												
ACRE-												
FEET												

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0						0	26	66	65	78	63
2	0						0	26	66	64	78	63
3	0						0	27	66	64	78	62
4	0						0	31	66	65	78	62
5	0						0	51	66	69	77	61
6							0	45	66	71	77	62
7							0	45	66	74	76	62
8							0	44	66	74	76	62
9							0	44	66	74	76	62
10							0	44	66	74	74	62
11							0	52	66	76	73	62
12							0	53	66	76	73	62
13							0	52	62	77	73	62
14							0	56	62	78	71	62
15							0	54	62	78	71	62
16							0	56	59	78	72	62
17							0	59	63	78	72	62
18							0	59	63	78	72	63
19							0	59	62	78	72	63
20							0	55	59	78	73	63
21							0	55	62	78	73	63
22							0	65	62	78	73	63
23							0	66	62	78	73	63
24							0	66	62	78	73	63
25							0	66	62	78	73	63
26							13	66	62	78	73	63
27							17	66	61	78	72	63
28							30	66	65	78	70	63
29							26	66	65	78	69	63
30							26	66	65	78	69	63
31								66		78	66	63

MEAN	0	0	0	0	0	0	3.7	53.3	63.7	75.1	73.3	49.9
ACRE- FEET	0	0	0	0	0	0	222	3,280	3,790	4,620	4,500	2,970

U. S. GOVERNMENT PRINTING OFFICE 16-60086-1

P. A. LATERAL NEAR MINER, IDAHO

YEAR 1931 MEAN 26.8
ACRE-
FEET 19,380

Plate No. 63

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	113						0	0	253	229	241	261
2	95						0	0	239	235	239	250
3	80						0	0	229	246	246	240
4	78						0	25	221	249	246	228
5	88						0	75	217	257	240	219
6	91						0	83	204	268	231	209
7	92						0	86	181	272	218	200
8	94						0	115	179	265	211	195
9	91						0	134	170	263	226	189
10	85						0	156	158	270	229	186
11	85						0	170	151	277	228	169
12	71						27	176	150	285	227	156
13	54						40	169	155	299	227	149
14	48						40	165	136	300	226	143
15	28						32	165	108	295	225	134
16	0						20	179	114	295	225	134
17	0						20	199	113	295	232	134
18	0						22	222	106	293	233	137
19	0						28	233	125	283	232	127
20	0						28	235	144	236	231	122
21	0						28	235	144	275	235	112
22	0						28	245	144	272	243	112
23	0						28	250	141	272	247	112
24	0						38	263	142	268	248	112
25	0						48	268	145	268	255	112
26	0						50	266	160	264	255	121
27	0						65	255	190	269	256	132
28	0						39	257	199	265	266	131
29	0						20	257	200	259	267	130
30	0						8	257	216	252	277	129
31	0							257		250	276	

MEAN	38.5	0	0	0	0	0	20.3	174	168	269	240	160
ACRE- FEET	2,370	0	0	0	0	0	1,210	10,700	9,980	16,510	14,750	9,490

U. S. GOVERNMENT PRINTING OFFICE 10-00066-1

MILNER LOW LIFT CANAL NEAR MILNER, IDAHO

YEAR
-or-
PERIOD

MEAN
ACRE-FOOT

89.8
65,020

Plate No. 64

Partial discharge for, in second year, of GOODING PROJECT IN GOODING CANAL NEAR MILNER, IDAHO, for the year ending September 30, 19 61.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,090						0	1,040	1,640	1,530	1,690	1,550
2	1,090	70					0	1,030	1,600	1,520	1,680	1,550
3	1,110	0					0	1,150	1,530	1,590	1,680	1,550
4	1,100	0					0	1,280	1,540	1,640	1,670	1,550
5	1,090	0					0	1,310	1,540	1,650	1,680	1,550
6	670	0					0	1,290	1,530	1,660	1,690	1,490
7	90	0					0	1,290	1,520	1,660	1,660	1,470
8	200	0					0	1,300	1,520	1,660	1,650	1,440
9	200	0					0	1,350	1,520	1,660	1,620	1,420
10	200	0					0	1,380	1,520	1,660	1,580	1,410
11	200	0					0	1,380	1,530	1,650	1,620	1,410
12	190	0					0	1,310	1,530	1,640	1,630	1,420
13	190	0					0	1,260	1,450	1,640	1,630	1,420
14	200	0					0	1,260	1,360	1,670	1,640	1,390
15	200	0					150	1,250	1,320	1,700	1,630	1,300
16	200	0					210	1,260	1,320	1,680	1,630	1,260
17	190	0					360	1,260	1,300	1,680	1,630	1,260
18	200	0					480	1,260	1,330	1,710	1,590	1,260
19	200	0					470	1,330	1,320	1,700	1,550	1,270
20	190	0					460	1,410	1,310	1,700	1,530	1,270
21	190	0					540	1,380	1,310	1,700	1,530	1,230
22	190	0					640	1,370	1,320	1,700	1,540	1,220
23	190	0					630	1,470	1,330	1,700	1,530	1,220
24	190	0					630	1,570	1,320	1,700	1,520	1,230
25	190	0					830	1,620	1,320	1,690	1,530	1,220
26	190	0					940	1,620	1,330	1,680	1,530	1,220
27	190	0					950	1,620	1,390	1,690	1,530	1,230
28	190	0					1,010	1,620	1,430	1,700	1,540	1,230
29	190	0					1,050	1,620	1,430	1,680	1,550	1,220
30	180	0					1,040	1,640	1,490	1,680	1,550	1,220
31	180							1,660		1,690	1,550	

MEAN	351	2.3	0	0	0	0	346	1,374	1,430	1,665	1,599	1,349
ACRE- FEET	21,560	139	0	0	0	0	20,610	84,480	85,090	102,400	98,340	80,290

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

GOODING PROJECT IN GOODING CANAL NEAR MILNER, IDAHO

YEAR
-61
PERIOD

MEAN
ACRE-FOOT

681
492,900

Plate No. 65

July through Oct., in second year, of NORTH SIDE CANAL PROJECT IN GOODING CANAL NEAR MILNER, IDAHO, for the year ending September 30, 1957

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	900	220					0	840	940	970	1,030	920
2	870	0					0	820	940	960	1,000	930
3	900	0					0	840	930	970	980	930
4	880	0					0	860	930	990	980	930
5	870	0					0	860	940	1,000	980	920
6	860	0					0	850	930	1,010	980	910
7	890	0					0	850	920	1,010	980	910
8	880	0					0	870	920	1,020	980	900
9	690	0					0	880	930	1,010	980	890
10	550	0					0	890	920	1,010	970	890
11	780	0					0	900	940	1,010	960	890
12	880	0					0	890	930	1,000	960	900
13	880	0					0	900	930	1,010	950	890
14	770	0					0	900	930	1,030	950	870
15	690	0					0	900	930	1,050	950	860
16	690	0					0	900	920	1,050	950	860
17	730	0					140	900	920	1,050	940	860
18	750	0					250	900	920	1,060	940	860
19	740	0					400	900	920	1,060	940	860
20	740	0					460	900	910	1,060	940	860
21	730	0					470	910	910	1,060	940	860
22	730	0					480	900	920	1,050	940	860
23	730	0					480	900	920	1,050	940	870
24	680	0					490	910	910	1,050	930	870
25	650	0					700	920	910	1,050	930	860
26	650	0					820	930	910	1,040	930	860
27	650	0					820	930	920	1,040	920	880
28	660	0					850	930	940	1,050	930	870
29	650	0					850	930	950	1,030	930	870
30	650	0					840	940	960	1,040	930	860
31	650	0						950		1,040	930	

MEAN	754	7.3	0	0	0	0	268	894	927	1,027	955	883
ACRE- FEET	46,350	436	0	0	0	0	15,970	54,940	55,140	63,130	58,690	52,560

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

NORTH SIDE CANAL PROJECT IN GOODING CANAL NEAR MILNER, IDAHO.

YEAR
OR
PERIOD
MEAN
ACRE-FOOT
480
347,200

Plate No. 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,070	58					0	1,020	1,620	1,510	1,670	1,530
2	1,070	0					0	1,010	1,580	1,500	1,660	1,530
3	1,090	0					0	1,130	1,510	1,570	1,660	1,530
4	1,080	0					0	1,260	1,520	1,620	1,650	1,530
5	1,070	0					0	1,290	1,520	1,630	1,660	1,530
6	653	0					0	1,270	1,510	1,640	1,670	1,470
7	84	0					0	1,270	1,500	1,640	1,640	1,450
8	188	0					0	1,280	1,500	1,640	1,630	1,420
9	187	0					0	1,330	1,500	1,640	1,600	1,400
10	187	0					0	1,360	1,500	1,640	1,560	1,390
11	187	0					0	1,360	1,510	1,630	1,600	1,390
12	184	0					0	1,290	1,510	1,620	1,610	1,400
13	182	0					0	1,240	1,430	1,620	1,610	1,400
14	191	0					0	1,240	1,340	1,650	1,620	1,370
15	187	0					1,32	1,230	1,300	1,680	1,610	1,280
16	186	0					1,91	1,240	1,300	1,660	1,610	1,240
17	184	0					346	1,240	1,280	1,660	1,610	1,240
18	185	0					462	1,240	1,310	1,690	1,570	1,240
19	183	0					448	1,310	1,300	1,680	1,530	1,250
20	181	0					445	1,390	1,290	1,680	1,510	1,250
21	179	0					517	1,360	1,290	1,680	1,510	1,210
22	182	0					616	1,350	1,300	1,680	1,520	1,200
23	180	0					610	1,450	1,310	1,680	1,510	1,200
24	179	0					614	1,550	1,300	1,680	1,500	1,210
25	179	0					811	1,600	1,300	1,670	1,510	1,200
26	176	0					916	1,600	1,310	1,660	1,510	1,200
27	175	0					926	1,600	1,370	1,670	1,510	1,210
28	177	0					992	1,600	1,410	1,680	1,520	1,210
29	176	0					1,030	1,600	1,410	1,660	1,530	1,200
30	174	0					1,020	1,620	1,470	1,660	1,530	1,200
31	174							1,640		1,670	1,530	

MEAN	338	1.9	0	0	0	0	336	1,354	1,410	1,645	1,579	1,329
ACRE- FEET	20,790	115	0	0	0	0	19,990	83,250	83,900	101,100	97,110	79,100

U. S. GOVERNMENT PRINTING OFFICE 16-60066-1
 GOODING CANAL BELOW NORTH SIDE DIVERSION
 NEAR MINNER, IDAHO

YEAR
 OR
 PERIOD
 MEAN
 ACRE-
 FEET
 670
 485,400

Plate No. 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,340				0	61	944	1,550	2,760	2,920	2,960	2,900
2	1,340				0	61	948	1,500	2,720	2,960	2,940	2,840
3	1,420				0	61	948	1,530	2,740	3,000	2,940	2,840
4	1,440				0	61	940	1,630	2,710	3,020	2,960	2,830
5	1,400				0	61	1,110	1,730	2,680	3,010	2,980	2,830
6	1,380				0	61	1,250	1,740	2,530	3,000	2,970	2,820
7	1,390				0	61	1,250	1,780	2,430	3,000	2,960	2,800
8	1,390				0	23	1,250	1,930	2,430	3,020	2,950	2,780
9	463				0	0	1,270	2,070	2,350	3,060	2,900	2,720
10	0				0	0	1,250	2,120	2,270	3,060	2,900	2,720
11	0				0	0	1,400	2,140	2,190	3,060	2,890	2,690
12	0				0	0	1,470	2,130	2,180	3,020	2,910	2,610
13	0				0	0	1,520	2,140	2,170	3,040	2,940	2,580
14	0				0	0	1,660	2,120	2,120	3,090	2,920	2,500
15	0				0	0	1,780	2,110	2,050	3,100	2,910	2,470
16	0				0	0	1,760	2,190	1,990	3,080	2,890	2,410
17	0				0	0	1,800	2,280	1,980	3,080	2,890	2,410
18	0				0	0	1,760	2,340	1,980	3,080	2,880	2,370
19	0				0	0	1,740	2,500	2,090	3,060	2,880	2,330
20	0				0	0	1,610	2,640	2,250	3,040	2,860	2,330
21	0				0	0	1,600	2,620	2,340	3,020	2,870	2,320
22	0				0	0	1,590	2,640	2,440	3,030	2,880	2,240
23	0				0	0	1,590	2,720	2,430	3,050	2,850	2,150
24	0				90	0	1,590	2,800	2,420	3,040	2,840	2,140
25	0				135	0	1,620	2,820	2,440	3,040	2,860	2,120
26	0				135	0	1,670	2,780	2,500	3,050	2,880	2,080
27	0				90	415	1,830	2,770	2,590	3,040	2,920	2,050
28	0				61	702	1,760	2,780	2,650	3,000	2,930	2,020
29	0					750	1,690	2,780	2,720	3,000	2,910	1,980
30	0					928	1,690	2,800	2,840	3,010	2,940	
31	0					968		2,770		3,010	2,960	

MEAN	373	0	0	0	18.2	136	1,476	2,273	2,400	3,032	2,912	2,461
ACRE-Feet	22,930	0	0	0	1,010	8,360	87,850	139,700	142,800	186,400	179,000	146,400

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2,310	742	298	2	1	1	748	2,380	3,580	3,670	3,920	3,720
2	2,240	625	288	2	1	1	739	2,380	3,510	3,720	3,890	3,740
3	2,280	598	272	2	1	1	772	2,450	3,510	3,750	3,880	3,720
4	2,240	589	259	2	1	1	856	2,590	3,470	3,760	3,880	3,690
5	2,180	571	250	1	1	1	971	2,780	3,380	3,760	3,890	3,690
6	2,100	556	259	1	1	40	1,010	2,840	3,280	3,750	3,880	3,670
7	2,030	541	254	1	1	60	1,030	2,910	3,180	3,740	3,850	3,590
8	2,020	526	247	1	1	60	1,060	3,100	3,170	3,790	3,850	3,540
9	2,030	390	250	1	1	60	1,070	3,320	3,160	3,820	3,820	3,490
10	2,020	308	254	1	1	60	1,120	3,330	3,120	3,810	3,810	3,440
11	1,920	310	259	1	1	60	1,200	3,210	3,120	3,820	3,810	3,330
12	1,840	312	261	1	1	60	1,340	3,220	3,100	3,840	3,820	3,270
13	1,770	315	270	1	1	66	1,460	3,300	3,080	3,870	3,830	3,270
14	1,670	315	286	1	1	60	1,630	3,260	3,010	3,880	3,820	3,190
15	1,560	315	100	1	1	63	1,740	3,200	2,890	3,880	3,810	3,060
16	1,470	308	12	1	1	63	1,830	3,220	2,830	3,860	3,810	2,930
17	1,350	308	7	1	1	63	1,840	3,240	2,840	3,860	3,810	2,880
18	1,250	305	1	1	1	63	1,850	3,310	2,860	3,850	3,800	2,890
19	1,250	300	1	1	1	63	1,920	3,440	2,950	3,850	3,780	2,880
20	1,230	295	1	1	1	63	2,020	3,520	3,050	3,870	3,750	2,860
21	1,220	288	1	1	1	71	2,120	3,540	3,150	3,900	3,740	2,820
22	1,190	291	1	1	1	214	2,210	3,590	3,200	3,920	3,760	2,800
23	1,160	286	1	1	1	365	2,250	3,690	3,140	3,920	3,760	2,780
24	1,080	279	2	1	1	455	2,330	3,750	3,030	3,920	3,750	2,750
25	1,030	291	2	1	1	556	2,440	3,760	3,040	3,930	3,760	2,730
26	978	302	2	1	1	586	2,520	3,650	3,200	3,940	3,760	2,650
27	964	295	2	1	1	613	2,650	3,620	3,420	3,950	3,760	2,620
28	968	282	2	1	1	718	2,800	3,670	3,580	3,940	3,760	2,620
29	968	284	2	1	1	721	2,810	3,720	3,690	3,930	3,760	2,620
30	957	293	2	1	1	727	2,600	3,720	3,680	3,940	3,760	2,620
31	926		2	1	1	733		3,710		3,930	3,750	

MEAN	1,555	381	124	1.1	1.0	215	1,698	3,272	3,207	3,851	3,807	3,129
ACRE- FEET	95,610	22,650	7,630	69	56	13,230	101,000	201,200	190,800	236,800	234,100	186,200

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	269	296	509	524	517	598	301	285	108	3,380	254	256
2	266	288	513	517	517	579	301	285	46	1,770	252	256
3	266	288	551	532	505	586	299	290	46	1,660	249	256
4	266	280	583	551	501	586	296	293	46	1,620	247	256
5	71	271	536	555	475	575	290	290	168	1,640	244	254
6	6	271	594	532	483	532	301	285	350	1,740	247	252
7	5	261	528	579	494	567	301	282	175	2,210	247	269
8	5	277	483	662	494	559	301	285	46	2,850	247	256
9	31	280	520	698	446	563	301	285	46	3,360	247	256
10	26	282	532	714	400	563	296	285	46	3,380	247	256
11	7	288	524	726	501	575	290	293	45	593	247	256
12	142	290	501	718	399	598	301	285	46	59	242	254
13	247	290	513	722	79	551	285	280	45	27	242	266
14	266	290	567	718	383	435	269	280	46	94	242	417
15	271	290	606	694	439	400	280	280	151	266	242	264
16	266	290	586	646	414	333	282	296	606	264	242	256
17	254	350	563	638	386	299	288	532	4,000	261	242	254
18	247	390	548	650	424	313	285	198	10,800	264	242	254
19	240	386	536	630	505	321	280	148	11,300	264	244	254
20	247	373	532	602	520	313	280	148	11,000	264	247	254
21	252	350	498	586	498	307	280	965	10,400	264	247	254
22	249	353	528	563	598	313	280	1,900	8,660	264	244	254
23	282	350	494	559	698	313	280	2,080	6,170	261	244	252
24	274	350	494	548	764	318	280	1,500	4,100	242	244	252
25	259	344	520	524	694	327	285	1,050	3,790	240	249	256
26	256	383	528	520	646	336	282	1,620	3,940	244	252	261
27	261	424	528	517	630	280	280	1,320	4,790	247	254	254
28	261	403	528	509	622	269	282	490	5,160	252	254	254
29	266	407	528	501	-	285	282	137	6,490	249	254	254
30	266	428	528	498		293	280	44	5,310	252	254	264
31	264		536	494		301		45		254	254	

MEAN	203	327	533	594	501	425	288	541	3,264	927	247	262
ACRE- FEET	12,470	19,480	32,800	36,550	27,830	26,160	17,130	33,240	194,200	57,000	15,200	15,570