

WATER DISTRIBUTION
AND HYDROMETRIC WORK

DISTRICT N° 01

SNAKE RIVER, IDAHO

1971

C O N T E N T S

	<u>Page</u>
Introduction	1
Personnel	3
Snow Surveys	4
Regulation Schedule	11
Water Supply	12
Community Lateral Managers	13
Litigation	13
Canal deliveries	13
River Data	19
Stored water deliveries	20
Storage allotments	20
Supply and disposal of stored water	23
Michaud Project use of stored water	24
Groundwater pumping	25
River losses and gains above American Falls	25
River losses and gains below American Falls	29
Distribution on Henrys Fork	30
Canal deliveries on Henrys Fork Basin	31
Stored water deliveries on Henrys Fork	34
River gains, Henrys Fork	35
Distribution in Teton Basin	38
Distribution in Swan Valley	39
Climatological Data	40
Expenditures	41

P L A T E S

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

Plate	1	Map showing gaging stations in District No. 01
"	2	Jackson Lake hydrographs
"	2A	Palisades hydrographs
"	3	American Falls Reservoir hydrographs
"	4	Annual run-off Snake River at Neeley, Idaho
"	5	Annual run-off Snake River at Moran, Wyo.
"	5A	Daily discharge of Snake River canals, April 1971
"	6	Daily discharge of Snake River canals, May 1971
"	7	Daily discharge of Snake River canals, June 1971
"	8	Daily discharge of Snake River canals, July 1971
"	9	Daily discharge of Snake River canals, August 1971
"	10	Daily discharge of Snake River canals, September 1971
"	10A	Daily discharge of Snake River canals, October 1971
"	10B	Daily discharge of Snake River canals, November 1971
"	11	Daily inflow to American Falls Reservoir, May 1971
"	11A	Daily inflow to American Falls Reservoir, June 1971
"	11B	Daily inflow to American Falls Reservoir, July 1971
"	11C	Daily inflow to American Falls Reservoir, August 1971
"	11D	Daily inflow to American Falls Reservoir, September 1971
"	12)	
"	13)	Daily summary of data at and between Snake River gaging stations, 1971
"	14	Daily storage diversions by Snake River canals, 1971
"	15	Time intervals between gaging stations on Snake River
"	16	Daily discharge of Henrys Fork canals, May 1971
"	17	Daily discharge of Henrys Fork canals, June 1971
"	18	Daily discharge of Henrys Fork canals, July 1971
"	19	Daily discharge of Henrys Fork canals, August 1971
"	20	Daily discharge of Henrys Fork canals, September 1971
"	20A	Daily discharge of Henrys Fork canals, October 1971
"	20B	Daily discharge of Henrys Fork canals, November 1971
" 21,	21A	Daily segregation of flow Henrys Fork stations, 1971
"	22	Daily storage diversions on Henrys Fork, 1971
"	23	Daily storage diversions on Teton River, 1971
"	23A	Operation of Cross Cut Canal, 1971
"	24	Miscellaneous stream flow records
"	25	Jackson Lake near Moran, Wyo.
"	26	Snake River near Moran, Wyo.
"	27	Buffalo Fork near Moran, Wyo.
"	28	Snake River near Alpine, Wyo.
"	29	Greys River near Alpine, Wyo.
"	30	Salt River near Etna, Wyo.
"	31	Bear Creek near Irwin, Idaho
"	32	Palisades Reservoir near Irwin, Idaho
"	33	Snake River near Irwin, Idaho
"	34	Snake River near Heise, Idaho

Plate	34A Snake River near Heise, Idaho (Adjusted for storage in reservoirs
"	35 Henrys Lake near Lake, Idaho
"	36 Henrys Fork near Lake, Idaho
"	37 Island Park Reservoir near Island Park, Idaho
"	38 Henrys Fork near Island Park, Idaho
"	39 Henrys Fork near Ashton, Idaho
"	40 Grassy Lake near Moran, Wyo.
"	41 Falls River near Squirrel, Idaho
"	42 Falls River near Chester, Idaho
"	43 Henrys Fork at St. Anthony, Idaho
"	44 Teton River above So. Leigh Creek near Driggs, Idaho
"	45 Teton River near St. Anthony, Idaho
"	46 Henrys Fork near Rexburg, Idaho
"	47 Snake River near Shelley, Idaho
"	48 Blackfoot River By-Pass near Blackfoot, Idaho
"	49 Blackfoot River near Blackfoot, Idaho
"	50 Snake River near Blackfoot, Idaho
"	51 Portneuf River at Pocatello, Idaho
"	52 Fort Hall Michaud Canal near Pocatello, Idaho
"	53 Michaud Canal at American Falls, Idaho
"	54 American Falls Reservoir at American Falls, Idaho
"	55 Snake River at Neeley, Idaho
"	56 Lake Walcott near Minidoka, Idaho
"	57 North Side Minidoka Canal near Minidoka, Idaho
"	58 South Side Minidoka Canal near Minidoka, Idaho
"	59 Snake River near Minidoka, Idaho
"	60 Minidoka North Side Pump near Burley, Idaho
"	61 Lake Milner at Milner, Idaho
"	62 P. A. Lateral near Milner, Idaho
"	63 Milner Low Lift Canal near Milner, Idaho
"	64 Gooding Project in Gooding Canal near Milner, Idaho
"	65 North Side Project in Gooding Canal near Milner, Idaho
"	66 Gooding Canal below North Side Canal near Milner, Idaho
"	67 North Side Twin Falls Canal at Milner, Idaho
"	68 South Side Twin Falls Canal at Milner, Idaho
"	69 Snake River at Milner, Idaho

INTRODUCTION

The annual meeting of Water District No. 01 was held at Idaho Falls on March 1, 1971. A. L. Larson was elected 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, Vera Montgomery, Lynn Loosli.

Alternate: Burdell Curtis.

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

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 \$66,645 to cover the expense of operating the District during the coming year.
3. Recommended the continuation of a pool committee to obtain and allocate rental water.
4. Reaffirmed support of an integrated multipurpose Lynn Crandall project, the Salmon Falls Division of the Upper Snake River Project, and the Lower Teton Project.

Precipitation for 1971 was 134% of normal. The average precipitation for nine representative stations for the water year ending September 30, 1971, was 20.27" compared to a normal of 15.15. Precipitation was above normal for every month except February and July, which were 77% and 43% of normal respectively. November, April and September were the high months with 184%, 188% and 185% of normal respectively. River regulation was discontinued on September 29 in the upper valley and October 2 in the lower valley.

With the above normal precipitation in April, May, and June and delayed snow melt, there was ample normal flow to supply all needs for water through July 14.

The Milner spill was cut off on July 11. 4,989,000 acre-feet spilled past Milner October 1 to September 30. All reservoir allotments were 100% filled.

Storage deliveries started in the lower valley on July 14. The 1916 "floodwater" rights were cut off on July 27. The lowest cut in rights was from August 15 to 31 when the March 26, 1903 rights were being partly filled.

Total usable contents in the reservoir system on September 30 was 3,233,000 acre-feet. This is 79% of active capacity and the highest of record.

Discharge at the Minidoka Dam was not cut below the 2,700 cfs power right at any time during the year from October 1 to September 30.

The Bureau of Reclamation continued studies on the proposed Lynn Crandall project and the American Falls Dam replacement. Pre-construction work was carried out at the Fremont damsite on Teton

River, and some construction continued on the Ririe Dam.

PERSONNEL

The persons engaged in water distribution during 1971 were
as follows:

Arthur L. Larson Watermaster and Deputy (Com of Reclamation) *NOT CORRECT*
C. Michael Bennett Hydraulic Engineer and Deputy Watermaster
L. C. Anderson Deputy Watermaster & Hydrographer at St. Anthony
Harold W. Blauer Hydrographer at Burley
Wayne Blauer Hydrographer at Burley
Lee Wright Hydrographer at Idaho Falls
Judith R. Zavala Clerk
Arthur W. Wilson Deputy Watermaster & Hydrographer, Teton Basin
Seth L. Hansen Deputy Watermaster, Teton Basin
Val L. Richards 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
Al Smith Deputy Watermaster, Blackfoot Division
Howard Hatfield Deputy Watermaster, Swan Valley Division
Glenn Simmons Supt. Minidoka Project, Bur. of Reclamation
Allan Templeton Supt. Am. Falls Res., Bureau of Reclamation
Tom Gates Asst. Supt. Am. Falls Res., Bureau of Reclamation
James L. Braman Supt. Jackson Lake, Bureau of Reclamation
Charles Robinson Supt. Palisades Res., Bureau of Reclamation
John Williams Supt. Island Park Res., Bureau of Reclamation

Gage Readers: Blaine Randall, Bruce Cole, Florence Siepert, R. E. Wagner, Rogers Livingston, R. H. Seymour, Mario M. Purin, Roy Flavel, Jess Jackson.

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 mostly for period 1953-67.

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

Year	Jan. 1		Feb. 1		Mar. 1		Apr. 1	
	S	W	S	W	S	W	S	W
<u>Moran (Snake River)</u>								
1962	35	8.3	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
1968	21	3.3	35	7.3	35	9.9	33	9.9
1969	28	5.5	44	11.4	49	13.6	44	14.0
1970	21	3.8	42	11.2	40	13.0	42	13.7
1971	33	7.8	41	13.0	47	14.8	51	17.9
Normal		5.4		8.8		11.4		12.4
<u>Moran Canyon (Snake River)</u>								
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
1968			42	10.4	56	16.3	51	17.8
1969			56	16.2	63	19.0	55	20.0
1970			66	18.8	60	21.4	63	23.6
1971			62	21.9	69	25.0	81	32.1
Normal				13.8		18.7		21.5
<u>Arizona Station (Snake River)</u>								
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
1968	24	4.7	41	9.6	47	13.7	50	16.1
1969	34	8.4	67	18.6	70	21.9	63	22.5
1970	28	5.3	58	14.8	51	16.3	57	19.8
1971	50	12.6	62	19.8	66	22.6	79	29.0
Normal		7.4		12.0		16.3		19.2

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>								
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
1968	31	6.5	49	11.4	57	16.4	53	17.7
1969	36	8.6	66	17.8	70	21.7	60	21.9
1970	28	5.5	60	13.7	49	15.6	57	19.6
1971	50	12.2	59	18.6	64	21.3	76	26.4
Normal		7.8		12.6		16.8		19.4
<u>Snake River Station (Snake River)</u>								
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
1968	29	5.8	47	10.7	57	17.0	56	19.2
1969	40	9.1	59	17.3	63	20.1	59	21.2
1970	32	6.2	69	16.8	58	19.4	63	23.2
1971	55	12.7	66	21.4	71	24.8	79	30.3
Normal		8.1		13.2		17.9		20.9
<u>Lewis Lake Divide (Snake River)</u>								
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
1968	45	11.6	82	21.4	90	28.3	94	33.0
1969	59	15.4	110	34.4	117	42.0	104	42.4
1970	52	12.2	109	28.7	97	35.1	109	42.6
1971	111	29.3	124	44.7	135	53.5	156	65.6
Normal		17.5		26.7		36.0		42.7
<u>Aster Creek (Snake River)</u>								
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	25.6	89	31.2	100	36.2
1968	33	7.9	69	16.3	66	20.3	67	22.5
1969	47	10.7	106	30.6	107	36.3	94	36.1
1970	34	7.6	84	20.6	69	23.0	79	28.8
1971	85	21.2	99	33.8	104	38.2	126	49.6
Normal		12.9		20.0		26.5		31.4

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

Year	Jan. 1		Feb. 1		Mar. 1		Apr. 1	
	S	W	S	W	S	W	S	W
<u>Colter Creek (Snake River)</u>								
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
1968			-	-	56	18.6	55	19.6
1969			62	18.7	64	21.5	57	20.9
1970			-	-	64	22.8	66	25.0
1971			-	-	76	25.6	84	32.6
Normal						19.6		22.7
<u>Glade Creek (Snake River)</u>								
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
1968	29	5.9	50	11.8	59	18.1	57	19.3
1969	36	9.1	64	18.1	67	21.0	63	23.0
1970	32	6.6	68	17.1	59	19.6	64	22.8
1971	61	15.1	71	24.0	75	26.8	89	34.8
Normal		8.6		14.1		18.7		22.1
<u>Base Camp (Snake River)</u>								
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
1968	31	6.6	42	10.5	55	16.1	53	17.5
1969	42	9.0	61	16.7	62	20.4	58	20.3
1970	29	5.7	64	16.7	55	18.9	57	21.9
1971	54	14.0	69	22.7	74	25.0	86	32.2
Normal		7.4		12.7		16.8		19.1
<u>Average water content of ten Jackson Lake courses</u>								
1962			17.4		15.0		18.4	
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	
1968			12.9 (9)		17.5		19.3	
1969			20.0 (9)		23.8		24.2	
1970			17.6 (9)		20.51		24.1	
1971			24.4 (9)		27.8		35.0	
Normal			14.8		19.9		23.1	

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

Year	Feb. 1		Mar. 1		Apr. 1	
	S	W	S	W	S	W
<u>Turpin Meadows (Buffalo River)</u>						
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
1968	29	6.3	33	9.5	36	10.4
1969	35	8.5	36	9.5	35	10.1
1970	40	9.1	34	10.5	34	11.3
1971	35	9.3	41	11.3	44	13.9
Normal		7.2		9.5		10.3
<u>Four Mile Meadows (Buffalo River)</u>						
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
1968	41	9.5	47	12.3	52	14.9
1969	42	10.3	43	11.9	44	13.1
1970	44	10.3	39	11.9	43	13.4
1971	42	11.5	49	14.0	57	17.8
Normal		8.5		11.0		13.1
<u>Black Rock (Buffalo River)</u>						
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
1968	59	15.3	67	20.3	69	22.6
1969	60	16.8	62	19.8	65	21.9
1970	64	16.6	59	18.9	64	22.0
1971	69	20.6	76	24.8	94	31.1
Normal		13.4		17.6		21.6
<u>Togwotee Pass (Buffalo River)</u>						
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
1968	62	18.3	77	25.0	78	27.8
1969	80	23.8	81	27.4	79	29.8
1970	82	21.5	72	23.9	82	29.9
1971	87	27.6	97	33.5	118	43.6
Normal		18.6		24.4		29.8

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

Year	Jan. 1		Feb. 1		Mar. 1		Apr. 1	
	S	W	S	W	S	W	S	W
<u>Valley View Ranch</u> (Henrys Fork)								
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
1968	37	8.0	54	13.6	51	16.9	50	17.8
1969	33	6.3	75	22.4	83	28.1	69	28.1
1970	23	3.2	40	8.6	35	10.1	51	16.4
1971	47	12.2	55	17.9	65	22.2	69	26.1
Normal		5.3		10.3		13.3		15.9
<u>Big Springs</u> (Henrys Fork)								
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
1968	32	5.9	55	12.1	51	16.8	50	17.9
1969	41	8.4	69	21.3	85	26.0	68	27.2
1970	30	5.4	62	16.3	55	18.6	67	23.2
1971	51	14.6	68	22.3	75	26.2	80	30.8
Normal		7.2		13.1		17.9		20.8
<u>Island Park</u> (Henrys Fork)								
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
1968	26	4.4	46	8.9	44	12.9	30	13.5
1969	36	6.4	64	19.4	77	23.5	52	23.4
1970	27	4.6	54	12.6	48	15.1	58	19.4
1971	58	11.3	60	18.2	66	20.7	68	25.2
Normal		5.6		10.6		13.9		15.6
<u>Grassy Lake</u> (Falls River)								
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
1968	55	12.9	81	22.4	91	30.2	89	33.8
1969	59	15.9	84	27.6	97	32.5	86	34.1
1970	54	12.4	102	27.4	91	33.2	101	33.8
1971	75	22.1	98	34.7	110	41.1	125	51.0
Normal		13.4		21.9		29.1		34.3

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

Year	Jan. 1		Feb. 1		Mar. 1		Apr. 1	
	S	W	S	W	S	W	S	W
<u>State Line (Teton River)</u>								
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
1968	22	4.7	33	7.4	34	10.1	40	11.6
1969	32	6.4	44	11.3	53	15.1	46	16.4
1970	24	4.3	47	11.7	40	13.1	51	16.8
1971	31	7.1	41	12.3	48	14.1	51	18.1
Normal		5.4		9.0		12.2		14.7
<u>Grover Park Divide (Salt River)</u>								
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
1968	23	4.3	30	6.8	33	10.1	37	11.9
1969	32	6.1	39	9.8	43	13.4	40	14.0
1970	19	3.0	43	10.1	36	12.4	43	14.9
1971	29	6.8	43	13.4	51	15.1	54	20.5
Normal		4.8		7.3		10.2		11.6
<u>CCC Camp FF12 (Salt River)</u>								
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
1968	22	4.1	25	5.3	31	8.4	30	10.0
1969	30	5.4	39	9.6	48	13.5	42	14.0
1970	19.7	2.9	38	8.6	33	9.1	41	12.5
1971	33	7.9	46	14.1	56	17.3	58	21.7
Normal		4.8		7.5		10.2		11.4
<u>Salt River Summit (Salt River)</u>								
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
1968	25	4.8	31	7.1	40	10.4	39	12.6
1969	38	6.6	53	13.6	60	17.8	51	18.1
1970	23	3.5	50	11.3	43	12.7	46	15.6
1971	43	10.6	62	19.1	66	21.6	72	26.2
Normal		6.2		9.7		13.3		15.2

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</u>	(Grays River)							
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
1968	24	4.3	35	8.4	34	10.6	28	10.4
1969	32	5.5	31	8.2	32	11.9	32	11.9
1970	19	2.9	33	10.0	36	11.7	37	13.3
1971	27	4.8	39	10.9	41	13.1	41	15.2
Normal		4.2		7.3		9.7		10.4

On April 1, 1971 the snow (water content) was the following average percent of normal: above Jackson Lake 152%, Moran to Heise 142%, Island Park 163%, Falls River 149%, Teton River 127%.

Comparable figures for run-off during the year ending September 30, 1971, as percent of normal were: Snake River at Moran 143%, Snake River near Heise 150%, Henrys Fork near Ashton 139%, Falls River near Squirrel 138%, Teton River near St. Anthony 160%.

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

Forecasts by Soil Conservation Service - April 1, 1971

<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	1,265,000	1,272,000*	- 0.5
Snake River near Heise	5,550,000	6,167,000*	-10.0
Salt River near Etna	535,000	699,720	-23.5
Henrys Fork near Ashton	730,000	903,600*	-19.2
Teton River nr St. Anthony	500,000	686,400**	-27.2

* Corrected for storage in upstream reservoirs.

** Corrected for inflow from Cross Cut Canal.

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

<u>Year</u>	<u>Jackson Lake</u>	<u>Pali-sades</u>	<u>American Falls</u>	<u>Lake Walcott</u>	<u>Henrys Lake</u>	<u>Island Park</u>	<u>Grassy Lake</u>	<u>Total</u>
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
1968	585.5	1,094	751	94.0	77.8	90.2	9.2	2,701.7
1969	569.7	648	239	92.3	72.6	52.1	7.0	1,680.7
1970	573.9	918	811	93.8	73.7	72.2	11.4	2,554
1971	598.3	1,066	1,285	93.7	83.5	93.7	12.8	3,233.0
Av.	576.0	830	571	88.4	70.4	66.4	9.6	2,211.4

Palisades figures are after deducting 201,000 acre-feet dead storage. The useable capacity of the above reservoirs is 4,082,000 acre-feet. The 1971 holdover is the highest of average for the past ten years and the highest of history since Palisades began storing in 1957.

COMMUNITY LATERAL MANAGERS

Lavell Purser was appointed manager of the Lessey Ditch near Rigby.

LITIGATION

The District Court of the Seventh Judicial District for Fremont County awarded a decree of 10 cubic feet per second of the waters of Milk Creek in Teton County with priority date of April 23, 1897, to Earl N. and Marie B. Horpes. This decree was awarded on June 7, 1971.

CANAL DELIVERIES

Daily diversions from Snake River by canals above American Falls reservoir during the 1971 irrigation season are shown on Plates 6-10, 16-20, 52, 53. Daily diversions for canals below American Falls are shown on Plates 57-69. Miscellaneous measurements of various canals and streams in the headwater areas are shown on Plate 24.

Total canal diversions during 1971 irrigation season by all canals in the district, including headwater areas, as tabulated in the annual watermaster bill, amounted to 7,941,300 acre-feet. This is 127,000 acre-feet above 1970, but is 541,000 acre-feet less than 1969, the greatest of record.

Diversions during 1971 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)

<u>Canal</u>	<u>Diversions (acre-feet)</u>	<u>Acres Irrigated</u>	<u>Acre-feet per acre</u>
Riley	6,500	900	7.2
Progressive Irr. Dist.	207,400 (a)	33,000	6.3
Farmers Friend	97,490	10,500	9.3
Enterprise Canal	43,060 (b)	5,200	8.3
Nelson	1,080	55	19.6
Mattson Craig & Arnsberger	4,685	485	9.7
Ross & Rand	976	145	6.7
Butler Island	12,340	1,100	11.2
Steele	2,310	220	10.5
Harrison	143,900	13,000	11.1
Cheney	1,570	103	15.2
Rudy Irrigation Co.	70,270	5,000	14.0
Kite and Nord	1,620	210	7.7
Burgess	264,200	22,000	12.0
Clark and Edwards	22,620	1,940	11.7
Lowder	13,500	1,000	13.5
East Labelle	35,490	3,000	11.8
Sunnydell	51,440	3,780	13.6
Lenroot	20,620	3,100	9.9
Reid	51,820	5,500	9.4
Texas Feeder	77,440	10,000	7.7
Nelson Corey	2,106	270	7.8
Hill Pettinger	944	200	4.7
Rigby	50,430	4,000	12.6
Dilts	8,063	580	13.9
Island	49,700	5,500	9.0
W. Labelle & Long Island	143,700	10,500	13.7
Parks & Lewisville	94,100	7,000	13.4
North Rigby	15,250	1,400	10.9
White	1,260	110	11.5
Ellis	288	70	4.1
Bramwell	2,240	470	4.8

Diversions by Snake River canal, 1971 - continued

<u>Canals</u>	<u>Diversions (acre-feet)</u>	<u>Acres Irrigated</u>	<u>Acre-feet per acre</u>
Butte & Market Lake	77,440	20,000	3.9
Osgood	12,300	6,210 (c)	2.0
Bear Island & Smith	900	330	2.7
Idaho	249,900 (a)	35,850	7.0
Kennedy	10,220	2,700	3.8
Great Western & Porter	217,400	30,220 (d)	7.2
Woodville	29,310	2,350	12.5
SNAKE RIVER VALLEY	202,900	20,790	9.8
Reservation	23,310 (e)	54,773	0.4
Blackfoot	85,780	15,000	5.7
New Lava Side	40,090	6,000	6.7
Peoples	115,300	20,000	5.8
Aberdeen	327,200	63,000	5.2
Corbett	57,290	6,000	9.6
Nielsen-Hansen	2,860	460	6.2
Riverside	36,570	5,000	7.3
Danskin	56,660	6,000	9.4
Trego	16,920	1,620	10.4
Wearyrick	17,950	1,600	11.2
Watson	22,720	3,000	10.9
Parsons	15,320	930	16.5
Fort Hall Michaud Canal	27,030 (f)	8,693 (f)	3.1
Falls Irrig. District	24,360 (g)	7,995 (g)	3.0
Minidoka Irrig. District	502,200	72,000	7.0
Burley Irrigation District	261,340	48,000	5.4
A & B Irrigation District	48,380	14,520	3.4
Twin Falls Canal Co.	1,047,820	202,700	5.2
North Side Canal Co.	1,093,160	160,000	6.8
Milner Low Lift	58,530	13,470 (h)	4.4
Gooding	463,810	63,700	7.3
Total	6,663,382	1,042,759	6.4

(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 River.

(f) An additional 1,045 acre-feet was pumped from wells for irrigation of another 1,007 acres.

(g) Acreage includes 235 acres of non-project land supplied from canal. An additional 209 acres supplied from wells by private users and 3,597 acres of project land were irrigated by pumping 8,330 acre-feet from wells.

(h) Also delivered water to 645 acres outside the district.

These main river canals diverted about 1.6% more water than in 1970.

Of the 3,475,240 acre-feet diverted by lower valley canals (below Neeley), 683,400 acre-feet or 20% was stored water. Upper valley main canals diverted 3,188,000 acre-feet, of which 107,820 acre-feet or 3.4% was stored water.

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

Diversions in Thousands of Acre-feet
Heise to Blackfoot

<u>Year</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
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
1968	541	720	871	534	492	3,158
1969	649	679	838	741	547	3,454
1970	287	780	840	760	475	3,142
1971	383	748	817	720	462	3,130
Average	437	691	843	689	516	3,174

Henrys 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>
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
1968	207	217	246	154	124	948
1969	238	223	248	194	135	1,038
1970	146	259	248	215	109	977
1971	179	239	250	208	109	985
Average	195	235	242	193	126	991

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>
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
1968	45	169	146	199	101	97	757
1969	63	192	138	197	179	95	864
1970	36	124	135	192	175	83	745
1971	21	120	150	201	180	97	769
Average	35	141	135	195	161	90	766

North Side Canal Co. 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>
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
1968	98	200	208	249	202	163	1,120
1969	89	214	212	236	237	172	1,160
1970	71	183	202	234	231	153	1,074
1971	111	189	202	241	240	172	1,155
Average	85	195	204	244	231	175	1,135

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>
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	202	191	237	234	186	1,150
1968	106	220	204	239	193	157	1,112
1969	125	225	197	227	228	157	1,158
1970	80	194	194	228	231	144	1,071
1971	62	186	196	240	238	164	1,086
Average	93	204	194	234	224	165	1,112

Gooding 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>
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
1968	30	91	94	100	84	74	473
1969	16	77	73	95	95	76	432
1970	17	85	89	97	93	77	458
1971	22	76	88	100	97	82	465
Average	19	81	86	98	93	77	454

Diversions were generally about average.

Ground water, both east and west of Rigby and in Ririe area, reached high levels during the summer.

RIVER DATA

The usual methods of segregating stored water and normal flow at the reservoir outlets was continued in use during 1971. 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 Plates 21 & 21A for Henrys Fork.

Storage use started on July 14 in the lower valley and July 27 in the upper valley and continued through September 30.

Total storage passing the Blackfoot station during the season amounted to 273,600 acre-feet.

Blackfoot River Reservoir holdover on September 30 was 222,000 acre-feet. The Indian Service 1891 decree was not cut off in 1971.

STORED WATER DELIVERIES

Reservoir Allotments

All reservoirs filled 100% 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

1971 Storage Allotments in Acre-feet (Downstream order from Heise)

<u>Canal</u>	<u>Am.Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Poplar Irrigation Dist.	673	1,589	1,500	3,812
Progressive Irr. District	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 and Liberty Park			4,700	4,700
Enterprise Irr. Dist (N.F.)	10,180	5,883		16,071
Fremont-Madison Irr. Dist.			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	91		162
Clement Bros. (Kennedy)	0	105	0	105
Owners Mutual	0	200	290	490
Shattuck Irrigation	0	0	3,900	3,900
Idaho	22,911	13,230	58,800	94,941
Martin	2,006	2,659	5,600	10,265

Storage allotments - continued

<u>Canal</u>	<u>Am. Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
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 Water Users			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
Wearyrick			600	600
Watson			2,350	2,350
Parsons			700	700
Total above Blackfoot	259,670	251,780	656,160	1,167,610
Michaud (Indian Service)	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 Irrigation Dist.	157,942		39,200	197,142
Minidoka N. S. Pump	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.; other 1,430 a.f.

The storage rental committee, consisting of John Walker, Leonard Graham, and Art Larson, supervised water rentals.

The large holdovers at the end of the season indicate that much water will be spilled prior to the 1972 irrigation season. For this reason, no computations were made of individual holdovers.

Summary of Water District N° 01 Rentals - 1971

<u>Supply</u>		<u>Use</u>	
Falls Irrig. District	1,271	Swan Valley	45
Paul Traughber	240	Heise to Shelley	2,861
Vance Koon	500	Milner Low Lift	820
M. J. Daniels	95	Other	<u>1,445</u>
Mrs. Ward Hittson	640		5,171
U.S. Indian Service	750		
Neil Erickson	1,150		
Marsden Williams	375		
Merland Snarr	50		
Mrs. Mabel Winterfield	<u>100</u>		
	5,171		

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

Supply and Disposal of Stored Water, 1971 (acre-feet)

SUPPLY

Jackson Lake Contents	July 15	853,400
Palisades (usable)	16	1,200,000
American Falls	13	1,700,000
Lake Walcott	13	96,600
Henrys Lake	16	88,400
Island Park	17	135,400
Grassy Lake	15	15,300
Indian and Bergman Reservoir yield		175
Sheridan Creek right		1,095 *
Gain Neeley to Milner		<u>66,000 *</u>
Total		4,156,370

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

DISPOSAL

Used by Snake River rights	845,978
Used by Henrys Fork rights	8,999
Storage transmission loss, Snake River	57,726
Storage transmission loss, Henrys Fork	1,142
Storage transmission loss, Cross Cut	0
River operation waste past Milner	6,225
Henrys Lake loss	3,000

Supply and Disposal of Stored Water, 1971 - continued

Disposal

Holdovers:	Jackson	Sept. 28	598,300
	Palisades	Sept. 30	1,066,400
	American Falls	Sept. 30	1,285,000
	Lake Walcott	Sept. 30	93,700
	Henrys Lake	Sept. 30	83,500
	Island Park	Sept. 30	93,700
	Grassy Lake	Sept. 17	<u>12,700</u>
Total			4,156,370

The supply and disposal balances exactly.

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.)				Contr. to Gr. Water
	Acres	Pumped	Consumed	Acres	Del'd	Consumed	Excess	
1967	*2,972	5,382	5,350	**4,915	15,841	8,490	7,351	2,001
1968	†2,968	4,441	5,350	‡5,105	14,355	9,200	5,155	-195
1969	†2,968	5,024	5,350	‡5,481	16,380	9,870	6,510	1,160
1970	†2,968	4,189	5,350	‡5,481	15,470	9,870	5,600	250
1971	†2,968	6,403	5,350	‡5,481	15,640	9,870	5,770	420
* Project land			2,774	† Project land			2,759	
** Project land			4,455	‡ Project land			4,564	

Area No. 2 (Tributary below Am. Falls)

Year	(from Wells)			(From Am. Falls Res.)				Contr. to Gr. water
	Acres	Pumped	Consumed	Acres	Del'd	Consumed	Excess	
1967	884	1,870	1,600	*1,806	5,903	3,250	2,653	1,053
1968	778	2,124	1,400	†2,106	5,973	3,790	2,183	783
1969	838	2,463	1,510	†2,514	7,586	4,525	3,061	1,464
1970	838	1,821	1,510	†2,514	7,422	4,525	2,897	1,387
1971	838	1,926	1,510	†2,514	6,833	4,525	2,308	798
*Project land			1,613	† Project land			1,623	

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 $1\frac{1}{2}$ 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.

GROUND WATER 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. Records for previous years have shown the above diversions have been quite uniform with a total of about 10,000 acre-feet. No records requested for this report.

RIVER LOSSES AND GAINS

Gains and losses between river stations for the months May through September (using time intervals shown on Plate 15) are shown in the following tabulations:

Gain in Snake River, Moran to Alpine Gaging Station, 1971
(Alpine dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Snake nr Moran	175,890	78,303	134,170	106,860	74,076	569,299
Snake nr Alpine	477,690	616,900	434,450	224,160	150,430	1,903,630
Total gain cfs	301,800	538,597	300,280	117,300	76,354	1,334,331
Mean gain cfs	9,735	17,953	9,686	3,461	2,545	8,721
Total gain A.F.	598,600	1,068,000	595,600	232,700	151,400	2,647,000

The mean gain is the greatest of record since comparable comparisons have been made with Palisades Reservoir in the system.

Gain in Snake River, Alpine Gaging Station to State Line, 1971
(24-hr. cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Greys River	84,590	119,940	56,150	25,075	16,155	301,910
Salt River	100,800	100,680	53,220	30,496	28,844	314,040
Total gain cfs	185,390	220,620	109,370	55,571	44,999	615,950
Mean gain cfs	5,980	7,354	3,528	1,793	1,500	4,026
Total gain A.F.	367,700	437,600	216,900	110,200	89,260	1,221,700

Gains are greatest of record.

Gain in Snake River, State Line to Heise, 1971
(No correction for time of flow, 24 hr. cfs except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Palisades release	-210,600	-324,300	- 2,000	+17,100	+43,400	-476,400
Total Supply*	452,480	513,220	541,820	296,831	238,829	2,043,180
Heise	589,700	611,500	597,300	332,670	268,290	2,381,460
Riley	126	866	966	915	402	3,275
Total acct. for	589,826	612,366	580,266	333,585	268,692	2,384,735
Total gain cfs	137,346	99,146	38,446	36,754	29,863	341,555
Mean gain cfs	4,430	3,300	1,240	1,190	995	2,232
Total gain A.F.	272,400	196,700	76,260	72,900	59,230	677,500

*Sum of Snake River near Alpine, Greys and Salt River plus Palisades releases

Gains are among the greatest of record.

Gain in Snake River, Heise to Shelley, 1971
(Heise dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Rexburg	210,140	205,080	100,620	53,800	86,880	656,520
Total supply**	799,966	817,446	680,886	387,385	355,572	3,041,255
Diversions	125,015	282,581	305,554	272,605	178,209	1,163,964
Shelley	675,700	565,700	457,770	176,760	230,350	2,106,280
Total acc'ted for	800,715	848,281	763,324	449,365	408,559	3,270,244
Total gain cfs	749	30,835	82,438	61,980	52,987	228,989
Mean gain cfs	24	1,030	2,660	2,000	1,770	1,496
Total gain A.F.	58	2,040	5,280	3,970	3,510	454,200

** Rexburg plus Heise and Riley from previous table.

The mean gain was 1,496 cfs compared to 1,358 in 1970, and is consistent with past years' records. 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, 1971
(Shelley dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Shelley	675,600	571,100	440,800	175,760	230,470	2,093,730
Blackfoot River	40,120	21,480	8,436	13,700	13,300	97,036
Total Supply	715,720	592,580	449,236	189,460	243,770	2,190,766
Diversions	68,137	94,078	106,474	90,385	54,671	413,745
Snake nr Blackfoot	672,550	504,100	370,910	109,280	203,080	1,859,920
Total acct'd for	740,687	598,178	477,384	199,665	257,751	2,273,665
Total diff. cfs	24,967	5,598	28,148	10,205	13,981	82,899
Mean diff. cfs	805	186	908	329	466	541
Total diff. A.F.	49,520	11,100	55,830	20,240	27,730	164,400

A gain is shown for every month, with May showing a substantial gain rather than the usual loss. Heavy flows from the Blackfoot River probably accounted for much of this. The average gain was 541 cfs, the greatest of record, compared to 285 cfs in 1970 and 1969. This gain includes 120 cfs spring inflow above the Snake River near Blackfoot gage.

Gain or loss in Snake River, Blackfoot to Neeley, 1971
(Neeley dates and 24 hr. cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Blackfoot	669,650	510,900	351,970	109,000	204,460	1,845,980
* Inflow	125,914	99,682	84,515	84,547	94,840	489,493
Reserv. Draft	- 1,010	- 6,050	49,900	191,500	-26,200	208,140
Total Supply	794,554	604,532	486,385	385,047	273,100	2,543,618
Diversions	786	2,696	4,067	2,979	1,079	11,607
Neeley	775,600	588,400	490,400	386,600	265,380	2,506,380
Total Use	776,386	591,096	494,467	389,579	266,459	2,517,987
Total diff. cfs	-18,168	-13,436	8,082	4,532	-6,641	-25,631
Mean diff. cfs.	- 618	447	260	146	221	- 167
Total diff. A.F.	-36,040	-26,650	16,030	8,990	-13,170	-50,840

The average loss of 167 cfs is consistent with past years, except 1970, when it was 371 cfs. It would appear there was a gain of less than 4,000 a.f. for the time that storage was being used.

* 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 3 (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 1,290 to 1,340 cfs.

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

<u>Date</u>	<u>Discharge in cfs</u>
May 8, 1971	18.3
June 9	16.5
June 30	17.0
July 27	15.3
August 23	17.4
September 30	16.8

Gain or Loss in Snake River, Neeley to Minidoka, 1971
(Minidoka dates and 24-hr cfs. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Neeley	778,570	584,930	494,800	386,930	264,030	2,509,260
Walcott release	- 960	0	0	0	+ 1,360	400
Total Supply	777,610	584,930	494,800	386,930	265,390	2,509,660
No. Minidoka	36,870	43,190	56,550	48,180	25,700	210,490
So. Minidoka	23,700	32,280	44,700	40,550	22,970	164,200
Minidoka	725,000	508,000	387,310	294,890	223,360	2,138,560
Total acc't for	785,570	583,470	488,560	383,620	272,030	2,513,250
Total diff. cfs	7,960	- 1,460	- 6,240	- 3,310	6,640	3,590
Mean diff. cfs	257	- 49	- 201	- 107	221	23
Total diff. A.F. 15,790		- 2,900	-12,380	- 6,570	13,170	7,120

The average gain of 23 cfs compares to a loss of 31 cfs in 1970, and 225 cfs in 1969.

Gain in Snake River, Minidoka to Milner, 1971
(Milner dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Minidoka	729,200	504,450	393,380	295,120	224,220	2,146,370
Min. N.S.Pump	1,740	5,160	7,410	6,740	3,110	24,160
P. A. Lateral	1,560	2,000	2,360	2,160	1,650	9,730
Milner Low Lift	3,510	5,320	8,860	8,050	3,770	29,510
North Side	70,600	74,020	91,980	91,740	60,320	388,660
Gooding	62,610	71,800	79,870	78,570	67,490	360,340
Twin Falls	93,750	98,790	121,060	119,910	82,620	516,130
Lake Milner stored	2,760	120	40	- 340	- 200	2,380
Milner	493,520	271,610	91,180	3,110	19,150	878,570
Total acct'd for	730,050	528,820	402,760	309,940	237,910	2,209,480
Total gain cfs	850	24,370	9,380	14,820	13,690	63,110
Mean gage cfs	21	812	303	478	456	412
Total gain A.F.	1,690	48,340	18,610	29,400	27,150	125,180

The average gain of 412 cfs compares with 584 in 1970 and 513 in 1969.

Neeley to Milner

Total gain A.F.	17,480	45,440	6,230	22,830	40,320	132,300
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The total gain from Neeley to Milner for period May through September was 132,300 cfs. For the period July 15 through September 30 this gain was about 66,000 ac. ft. and was credited to the Minidoka Project

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, and Val L. Richards on Teton River.

Holdovers in Henrys Fork reservoirs at the end of the season were about 79% of capacity.

Releases from Grassy Lake were discontinued on September 17. Releases from Henrys Lake and Island Park were allowed to gradually decrease until they equaled inflow.

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 1971. During the period July 25 - August 3, stored water was charged a daily loss of 30 cfs. During period August 14-23, 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.

1971 REGULATION SCHEDULE

With the exception of a few days the Henrys Fork and Falls River remained on nearly the same regulation schedule as the main Snake River. For most of the season the upper Teton River was cut to earlier priorities than the main river.

TETON RIVER REGULATION SCHEDULE, 1971

July 26 Cut 1916 rights
July 29 Filling part of December 22, 1915 rights
July 31 Filling part of June 16, 1903 rights
Aug. 6 Filling part of May 1, 1905 rights
Aug. 17 Filling part of August 17, 1903 rights
Aug. 20 Filling part of May 1, 1905 rights
Aug. 23 Filling part of August 17, 1903 rights
Sept. 4 Filling part of June 16, 1908 rights
Sept. 8 All decreed rights restored

Figures showing the operation of the Cross Cut Canal in 1971 are shown on Plate 23A. It delivered 33,500 acre-feet to the Fall River Canal and 13,000 acre-feet to Teton River.

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

September 14, 1964	184
August 5, 1965	202
November 8, 1965	194
September 15, 1967	183
September 5, 1968	182
November 4, 1969	190
September 28, 1970	178
October 19, 1971	198

CANAL DELIVERIES IN HENRYS FORK BASIN

Diversions during the 1971 irrigation season, May to September, from Falls River, Henrys Fork and Lower Teton River

	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
<u>Falls River Canals</u>			
Yellowstone	2,200	2,100	1.0
Marysville	31,380	16,000	2.0
Farmers Own	14,000	5,800	2.4
Almy	83	130	0.6
Enterprise	22,320	5,890	3.8
Bell	1,090	110	9.9
Fall River	98,570 (a)	9,000	11.0
McBee	772	125	6.2

Diversions during 1971 irrigation season (continued)

Canal	Diversions (Acre-feet)	Area Irrigated (acres)	Acre-feet per acre
<u>Fall River Canals - continued</u>			
Chester	23,920	1,400	17.1
Silkey	3,860	1,080	3.6
Curr	<u>12,120</u>	<u>1,300</u>	<u>9.3</u>
Total Fall River	210,315	42,935	4.9

(a) Includes 33,530 diverted through Cross Cut.

<u>Henrys Fork Canals</u>			
Dewey	6,940	1,200	5.8
Last Chance	25,710	1,860	13.8
St. Anthony Union	121,780	9,700	12.6
Farmers Friend	31,800	3,025	10.5
Twin Groves	32,840	2,500	13.1
Salem Union	50,640	5,500	9.2
Egin	80,850	7,000	11.6
St. Anthony U. Feeder	15,550	2,300	6.8
Independent	74,440	6,000	12.4
Consolidated Farmers	<u>49,460</u>	<u>6,000</u>	<u>8.2</u>
Total Henrys Fork	490,010	45,085	10.9

<u>Lower Teton Canals</u>			
Siddoway	2,600	500	5.2
Wilford	41,830	2,300	18.2
Teton Irrigation	22,280	2,000	11.1
Good Luck	4,080	330	12.4
Pioneer	2,570	300	8.6
Stewart	5,880	478	8.1
Pincock Byington	5,310	260	20.4
Pincock Garner	5,030	480	10.5
Teton Island Feeder	98,170	10,400	9.4
Baxana	2,740	880	4.2
Island Ward	8,970	3,300	2.7
North Salem	1,600 (b)	450	3.6
Bigler Slough	4,190	240	17.5
Woodmansee-Johnson	6,180 (c)	1,320	4.7
City of Rexburg	4,380	950	5.1
Rexburg Irrigation	64,570	5,280	12.2
McCormick-Rowe	666	160	4.2
Saurey Sommers	4,560	275	16.6
Eames Thompson	<u>274</u>	<u>70</u>	<u>3.9</u>
Total Lower Teton	285,380	29,893	9.6
TOTAL Falls River, Henrys Fork and Lower Teton	985,705	117,913	8.4

- (b) Used additional water from Henrys Fork through Salem Union.
- (c) Used additional water from Moody Creek.

Due to an unrestricted water supply until late July some diversions were greater than usual.

The total diversions in this area were slightly more than in 1970.

Of the total diversions of 985,705 acre-feet, 8,388 acre-feet or 0.9% was stored water. This is probably the lowest use of stored water in many years.

Diversions by some of the principal canals in the headwater areas for the 1971 irrigation season (May 15 to Sept. 30, except as noted) are shown below:

	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
String Canal	14,750 *	2,300	6.4
Trail Creek Irrig.Co.	36,700 *	5,220	7.0
Fox Creek Canals	10,420 **	3,760	2.8
Darby Creek Canals	12,520 **	4,800	2.6
Grand Teton Canal	32,280 *	7,000	4.6
Canyon Creek Canal	5,960	2,200	2.7
Conant Creek Canal	2,180	1,630	1.3
Squirrel Creek Canal	1,300	1,000	1.3
Boom Creek Canal	904	2,180	0.4

* June 1 to Sept. 16.

** June 1 to Aug. 31.

STORED WATER DELIVERIES ON HENRYS FORK

Water available for Fremont-Madison allotments was as follows:

Island Park Reservoir	(July 16)	135,400 a.f.
Grassy Lake Reservoir	(July 23)	15,200 a.f.
Sheridan Creek right		<u>1,090 a.f.</u>
Total		151,690 a.f.

The District allotted 132,626 acre-feet for the 1971 season. Only 84 acre-feet was rented to Henrys Fork users.

Henrys Lake Allotments, 1971

Henrys Lake contents on July 16 was 88,400 acre-feet. From this, a figure of 2,000 acre-feet was deducted for dead storage and loss, instead of the usual 3,000 acre-feet. The short storage season did not justify the full deduction.

<u>Allotments</u>		
<u>Canal</u>	<u>Percent</u>	<u>Allotment acre-feet</u>
Independent	26.90	23,241
Salem Union	24.21	20,917
Consolidated Farmers	20.17	17,427
Last Chance	13.85	11,967
St. Anthony Union	6.72	5,896
Egin	6.72	5,896
Dewey	<u>1.43</u>	<u>1,236</u>
	100.00	86,400

The Henrys Fork near Rexburg gage showed 36,090 acre-feet that passed down river in excess of requirements to balance storage deliveries to the Main River. This exceeds a similar balance in 1965 of 10,300 acre-feet.

RIVER GAINS IN HENRYS FORK BASIN, 1971

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, 1971 (Island Park dates and 24 hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
H.F. nr Lake	3,082	5,600	4,739	3,127	3,074	19,622
I.P. release	- 3,176	1,412	4,235	5,193	13,110	20,774
Total Supply	- 94	7,012	8,974	8,320	16,184	40,396
H.F. @ Is. Park	52,192	49,130	30,631	29,314	25,725	186,992
Total gain cfs	52,286	42,118	21,657	20,994	9,541	146,596
Mean gain cfs	1,687	1,404	699	677	318	958
Total gain a.f.	103,700	83,540	42,960	41,640	18,920	290,800

The average gain is 958 cfs, compared to 868 in 1969. May is abnormally high and September usually low.

Gain in Henrys Fork, Island Park to Ashton, 1971 (Ashton dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Island Park	51,280	49,700	30,940	30,110	25,980	188,010
Ashton	135,530	93,620	64,440	64,590	61,350	419,630
Total gain cfs	84,250	43,920	33,500	34,590	35,370	231,620
Mean gain cfs	2,718	1,464	1,081	1,115	1,179	1,514
Total gain a.f.	167,100	87,120	66,450	68,590	70,160	459,400

The gains are higher than normal, as could be expected from the high snow pack. May is exceptionally high, with the mean gain of 1,514 cfs compared to 1,325 for 1970.

Gain in Henrys Fork, Ashton to St. Anthony, 1971
(St. Anthony dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Ashton	135,250	93,300	64,730	64,680	61,310	419,270
Chester	87,020	92,510	39,181	11,304	17,406	247,421
Total supply	222,270	185,810	103,911	75,984	78,716	666,691
Diversions	33,103	34,299	37,054	32,692	16,823	153,971
St. Anthony	182,510	153,030	72,180	49,840	66,740	524,300
Total acc't for	215,613	187,329	109,234	82,532	83,563	678,271
Total gain cfs	- 6,657	1,519	5,323	6,548	4,847	11,580
Mean gain cfs	- 215	49	172	211	162	76
Total gain a.f.	-13,200	3,010	10,560	13,000	9,610	22,970

The average gain of 76 cfs compared to 59 in 1970 and 95 in 1965.

Gain in Falls River, Squirrel to Chester, 1971
(Chester dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Squirrel	74,650	97,280	54,230	26,510	23,320	275,990
Diversions	8,576	17,156	18,554	18,447	9,425	72,158
Chester	87,020	92,510	39,181	11,304	17,406	247,421
Total acc't for	95,596	109,666	57,735	29,751	26,831	319,579
Total gain cfs	20,946	12,386	3,505	3,241	3,511	43,589
Mean gain cfs	676	413	113	104	117	285
Total gain a.f.	41,550	24,570	6,950	6,430	6,960	86,460

The average gain of 285 cfs compares to 267 cfs in 1970 and 212 in 1965.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg, 1971
(St. Anthony dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Teton River	74,639	117,030	71,030	33,500	26,151	322,350
H.F. @ St. Anthony	182,510	153,030	72,180	49,840	66,740	524,300
Total supply	257,149	270,060	143,210	83,340	92,891	846,650
H.Fk diversions	20,822	39,600	38,692	26,520	16,288	141,922
H.F. nr Rexburg	206,360	204,880	103,460	53,100	86,970	654,770
Total acc't for	254,678	271,271	167,329	101,198	113,280	907,756
Total gain cfs	- 2,471	1,211	24,119	17,858	20,389	61,106
Mean gain cfs	- 80	40	778	576	680	399
Total gain a.f.	- 4,900	2,400	47,840	35,420	40,440	121,200

The total gain was less than 1970. This gain is produced mostly

from return flow from upstream irrigation. The 121,200 acre-feet is 12.8% of the 950,325 acre-feet diverted by canals above Rexburg and is much lower than usual. This percentage was 24.1% in 1970, and $18\frac{1}{2}\%$ in 1966 and 1967. Much additional return flow moves westward towards Mud Lake and there is further drain-off to the Henrys Fork during the non-irrigation season.

TETON BASIN

Mr. Arthur Wilson, with summer office at Driggs, continued as Deputy Watermaster in Teton Basin during 1971.

The water content of snow on April 1 on the Teton watershed was 130% of normal. April to September precipitation at Driggs was 10.58¹² compared to the normal of 8.08". The yearly runoff of Teton River near St. Anthony was 160% of the 37 year average.

Seasonal diversions for most canals in this area were about average.

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 undesirable 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. Again this year, 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 used only part 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. Continuation is 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 \$295.00 was charged as a special item to the local users and a similar amount was charged as general District 01 expense. Ed Hansen assisted Seth Hansen in distributing water on North Leigh Creek, with the users directly benefitted assuming his full expense of \$200.00.

Mr. Wilson retired from his position as teacher in the Rexburg High School and can therefore give his undivided attention to water matters in the Basin.

SWAN VALLEY

Howard Hatfield served as Deputy Watermaster and also as watermaster on several canals. The local users were charged \$5.00 a day or \$350.00 total, as a special charge and the balance of the cost of watermaster's services, amounting to \$560 was charged as general expense to District 0.

There was little demand for stored water by individuals not owning space in Palisades Reservoir. Swan Valley users rented 45 acre-feet from Water District 01 during 1971.

CLIMATOLOGICAL DATA

(Precipitation in inches for year ending September 30, 1971)

Month	<u>Alta</u>		<u>Moran</u>		<u>Jackson</u>		<u>Afton</u>		<u>Palisades</u>	
	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.*</u>
Oct.	1.70	1.48	1.59	1.45	1.09	1.11	2.02	1.53	2.14	1.06
Nov.	1.43	1.41	4.68	1.88	2.71	1.11	2.74	1.52	2.22	1.73
Dec.	2.52	1.51	4.11	2.36	2.12	1.54	1.24	1.59	1.53	1.54
Jan.	2.98	1.60	5.01	2.35	2.21	1.43	2.75	1.53	2.57	1.95
Feb.	1.45	1.48	1.70	2.28	1.11	1.32	1.39	1.51	.88	1.68
Mar.	1.46	1.51	3.88	2.08	2.09	1.20	2.23	1.55	2.67	1.20
Apr.	4.23	1.48	2.40	1.73	2.26	1.20	2.14	1.52	2.17	1.78
May	3.01	2.04	1.53	1.85	2.22	1.50	2.26	1.95	1.86	1.91
June	2.70	2.29	1.56	1.77	1.96	1.51	2.42	1.96	2.19	2.33
July	.47	.94	.39	.97	.22	.75	.30	1.06	.54	.92
Aug.	1.64	1.19	1.29	1.30	1.85	1.12	.99	1.05	1.20	1.18
Sept.	2.34	1.28	2.03	1.28	1.52	1.04	1.56	1.16	1.84	1.68
Year	25.93	18.21	30.17	21.30	21.36	14.83	22.04	17.93	21.81	18.96

Month	<u>Ashton</u>		<u>Idaho Falls</u>		<u>Pocatello</u>		<u>Twin Falls</u>		<u>Av. 9 Stas.</u>	
	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>
Oct.	1.83	1.35	.30	.63	.68	.89	.70	.76	1.34	1.14
Nov.	2.34	1.56	1.68	.62	1.60	.99	2.27	.92	2.41	1.31
Dec.	3.65	1.89	1.09	.80	1.13	1.00	.92	.86	2.03	1.45
Jan.	2.43	1.82	.77	.89	1.47	1.21	1.83	1.04	2.45	1.54
Feb.	1.36	1.77	.71	.71	.62	.92	.23	.70	1.05	1.37
Mar.	1.82	1.39	.70	.66	1.90	1.02	.94	.84	1.96	1.27
Apr.	2.37	1.04	1.47	.66	2.33	1.06	2.13	.93	2.39	1.27
May	1.72	1.45	1.33	.98	.50	1.13	1.53	1.00	1.70	1.53
June	1.41	1.91	.60	1.13	1.26	.96	1.47	.79	1.73	1.63
July	.43	.82	.17	.46	.32	.51	.03	.24	.32	.74
Aug.	1.21	.95	1.21	.50	.53	.55	.22	.17	1.13	.89
Sept.	2.02	.94	1.39	.63	2.06	.61	.41	.49	1.87	1.01
Year	22.59	16.89	11.42	8.67	14.45	10.85	12.68	8.74	20.27	15.15

* Used 13 year average (U.S. Bureau of Reclamation averages).

On an average for the nine stations, the precipitation for the year ending September 30, 1971 was 134% of normal. Every month was above normal up to a maximum of 188% for April, except February and July which were 77% and 43% respectively.

EXPENDITURES DURING YEAR ENDING SEPTEMBER 30, 1971

WATERMASTER & STAFF

A. L. Larson	Salary, 6 mos. @ \$12,000 yr.	\$6,000.00
M.C. Bennett	Salary, 6 mos. @ 8,000 yr.	4,000.00
J.R. Zavala	Salary, 3 mos. @ 4,000 yr.	<u>2,000.00</u>

October 1, 1970 to March 31, 1971	12,000.00
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Watermaster & Staff, 6 mos. @ \$22,625 yr.

April 1 to September 30, 1971	<u>11,312.00</u>	\$23,312.00 ^{/1}
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HYDROGRAPHERS

A. W. Wilson	Salary, 4 mos. (approx.) @ \$540.00	2,063.32
W. Lee Wright	" 4 " " 540.00	2,055.58
Harold Blauer	" 2 " " 540.00	965.46
Wayne Blauer	" 3 " " 540.00	1,644.62
Val Richards	" 138 das. @ \$23 da. incl. mileage	3,174.00
Sam Garrett	" 56 " " " " " "	1,288.00
L. C. Anderson	" 37 " " " " "	<u>823.00</u>
		12,013.98

RIVER RIDERS

Bruce Cole	Salary, 62½ das. @ \$16 da. incl. mileage	1,002.00
J. M. Brown	" 62 " 16 " "	992.00
Al Smith	" 62 " 16 " "	992.00
Howard Hatfield	" 70 " 13 " "	910.00
Elmer Lenz	" 1½ mo. (approx.) @ \$170 mo. incl. mileage	272.46
Seth Hansen	" 236 hrs. @ \$2.50 hr. incl. mileage	590.00
Ed Hansen	" 4 mos. @ \$50 mo.	<u>200.00</u>
		4,958.46

MISCELLANEOUS

Kathleen Tubbs (substitute clerk) 35 hrs. @ \$2.25	74.65
Gage Readers (Randall, Siepert & Seymour)	365.50
Transportation, 26,002 mi. @ 10 ¢ mi.	2,600.23
Subsistence	419.86
Telephone and telemark	801.54
Interest on borrowed money	81.30
Bond premium and State Insurance	522.00
Social Security	806.03
Miscellaneous expenses	432.37
Storage (warehouse rent)	120.00
Postage and Box rental	125.52
Printing and binding W.M. report	299.37
Groundwater investigations	900.00
Soil Conservation Service, snow pillow	250.00
Audit of books, 1970	60.00
Vera I. Beard - channel clearing, Leigh Creek	63.00
Office equipment - electronic calculator	<u>335.50</u>
	8,256.87

STREAMGAGING COSTS

Water District's proportionate share of streamgaging operations	\$10,371.00
Less credit for services by Water District employees	<u>1,175.95</u> \$9,195.05 ^{2/}
Committee of Nine expense for services at \$10.00 per day and actual expenses	<u>992.00</u>
	\$58,728.36
Funds on hand September 30, 1971	- 8,365.85*

As a convenience to the public, the Water District for many years has sold the U. S. Geological Survey topographical maps. Profits from the sale of these maps are used to help defray district expenses. In the year ending September 30, 1971, the profits from the map sales amounted to \$653.82.

1/ Paid into Federal-State Cooperative repay account to be used to pay that part of the Geological Survey employees salaries chargeable to the Watermaster function. The remainder of the salaries of these employees, as determined by Federal Civil Service and Geological Survey regulations, paid from non-Water District funding sources. The Federal fiscal year begins on July 1, therefore, and adjustment of this account will be made on this date each year.

2/ Proportionate share of streamgaging operations and maintenance paid into Federal-State Cooperative repay account with allowance as noted for streamflow data needed in the Federal-State Cooperative Program and collected by Water District hydrographers.

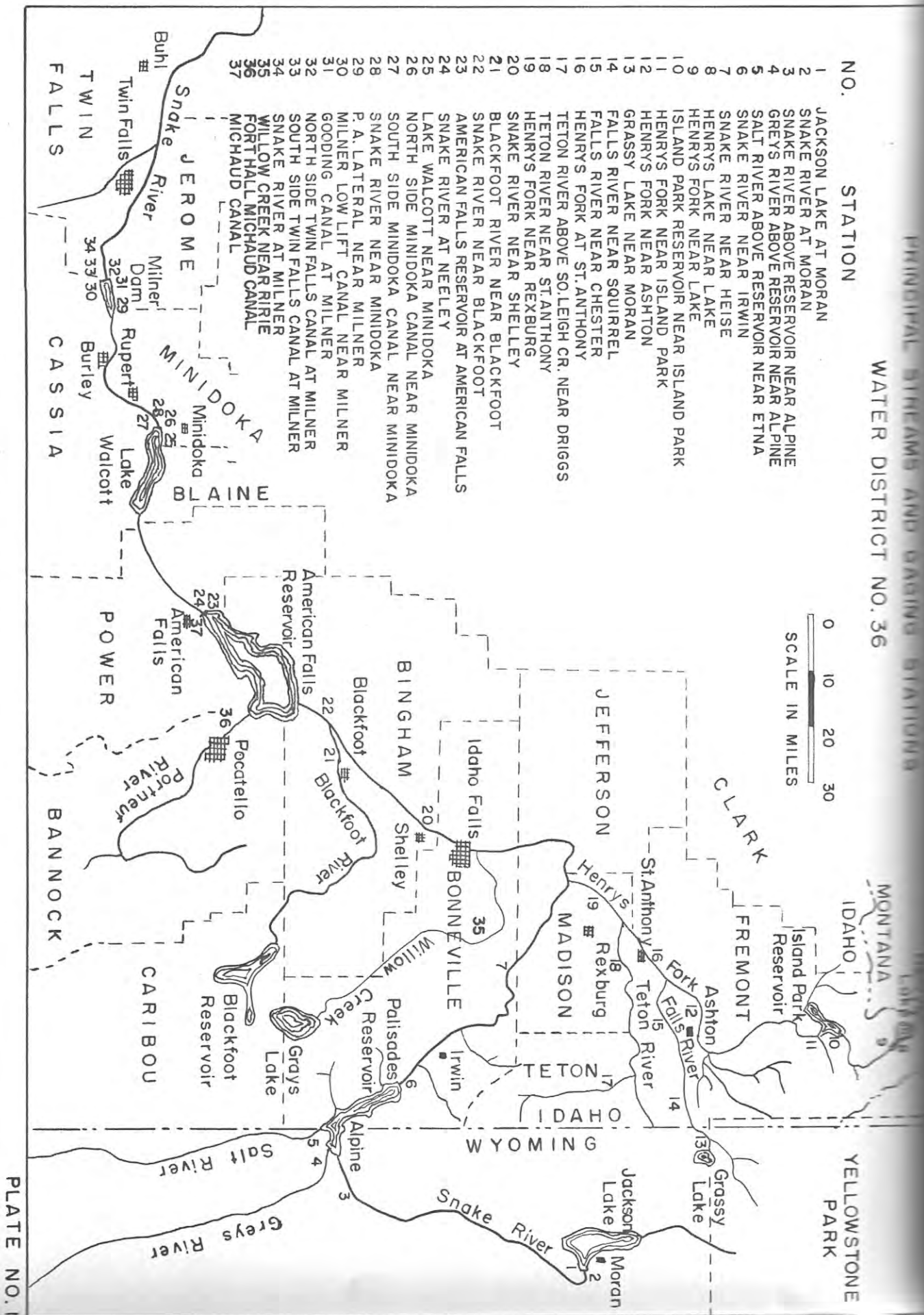
* Waterusers operating funds collected after October 1 of each year. There is always a deficit of Water District funds at the end of September. This year in the Water District account on September 30 there was \$2,585.50 collected for rental water, which was later disbursed to various companies and individuals who had water for rent. Also, \$23,200 was borrowed from the Twin Falls Canal Co. The actual Water District balance on September 30 was -\$34,151.35. The balance on January 3, 1972 was \$12,270.41.

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
- 35 WILLOW CREEK NEAR RIRIE
- 36 FORT HALL MICHAUD CANAL
- 37 MICHAUD CANAL

0 10 20 30
SCALE IN MILES



INFLOW TO AMERICAN FALLS RESERVOIR BETWEEN BLACKFOOT AND NEELEY CREEK

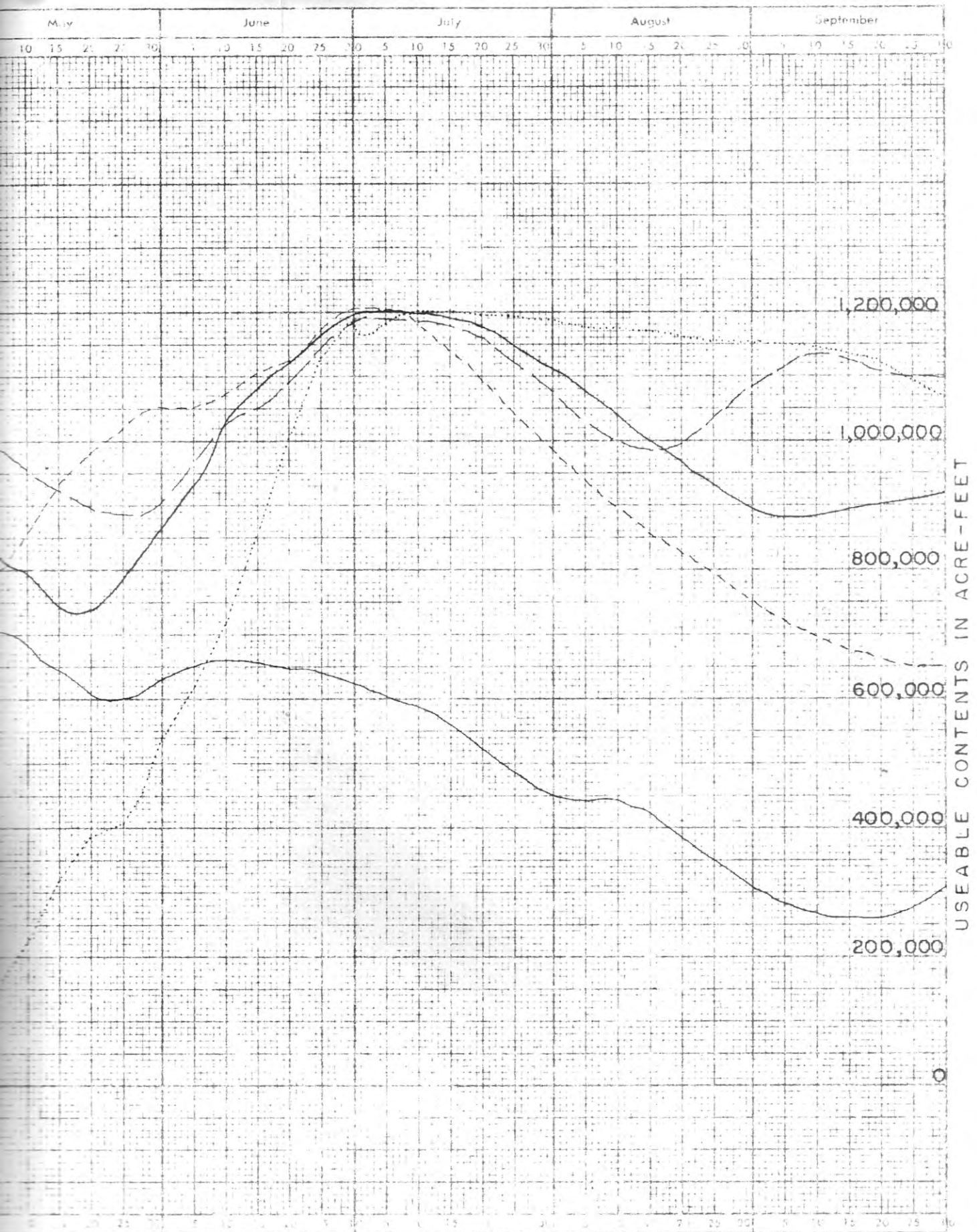
24-Hour Second Feet

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
May Creek	48	48	48	48	48	48	48	48	48	47	46	46	45	44	44	43	42
King Creek	483	483	483	483	483	483	483	483	484	485	486	487	488	489	490	491	492
Creek	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
of R. Inflow	250	250	251	252	252	241	242	230	231	231	219	220	239	177	214	212	209
Pocatello																	
Creek	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Creek	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
Creek	60	60	60	60	60	60	60	60	60	60	59	59	59	59	58	58	58
Springs	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4
er Springs	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
Springs	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10
Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
of R. at	996	1020	1070	1120	1190	1240	1270	1320	1370	1410	1460	1520	1570	1550	1560	1550	1540
ello																	
Ditch	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Waste	13	12	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12
en Springs	52	52	52	52	52	52	52	52	52	53	53	53	53	53	54	54	54
n Springs	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Waste	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	6
Waste	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
en Waste	100	130	115	120	120	115	100	120	95	110	100	90	100	105	100	90	90
Waste	30	10	15	40	35	30	31	25	35	35	25	25	35	40	40	35	40
Waste	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Waste	30	10	40	60	50	40	45	45	45	45	30	35	35	35	40	25	55
ork	114	114	114	114	114	114	114	114	113	112	111	110	109	108	107	106	105
Creek	29	29	29	29	29	29	29	29	29	29	28	27	26	26	25	24	24
Creek	111	111	111	111	111	111	111	111	109	106	104	102	99	96	93	90	87
Springs	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MEASURED	2562	2576	2647	2748	2803	2822	2844	2896	2930	2981	2979	3031	3114	3038	3081	3034	3051
ured Inflow	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
INFLOW	3882	3896	3967	4068	4123	4142	4162	4216	4250	4301	4299	4351	4434	4358	4401	4354	4371
all Michaud																	
etical Inflow	3882	3896	3967	4068	4123	4154	4174	4241	4275	4327	4337	4389	4453	4440	4447	4400	4427

122,914

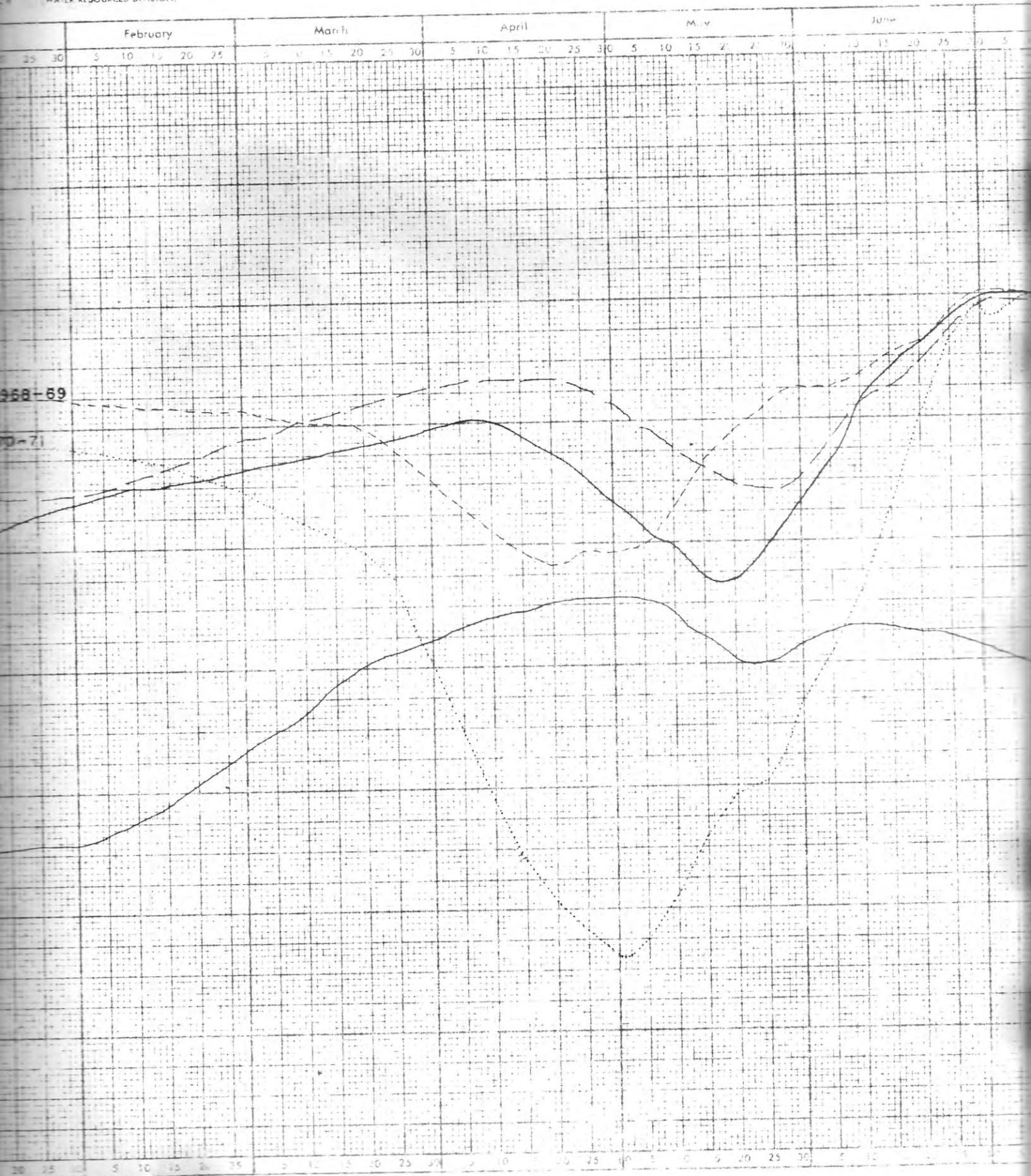
0 12 12 25 25 26 38 38 19 22 46 46 46

127,138



WATER RESOURCES DIVISION

HYDROGRAPH FOR PALISADES RESERVOIR NEAR IRWIN, ID

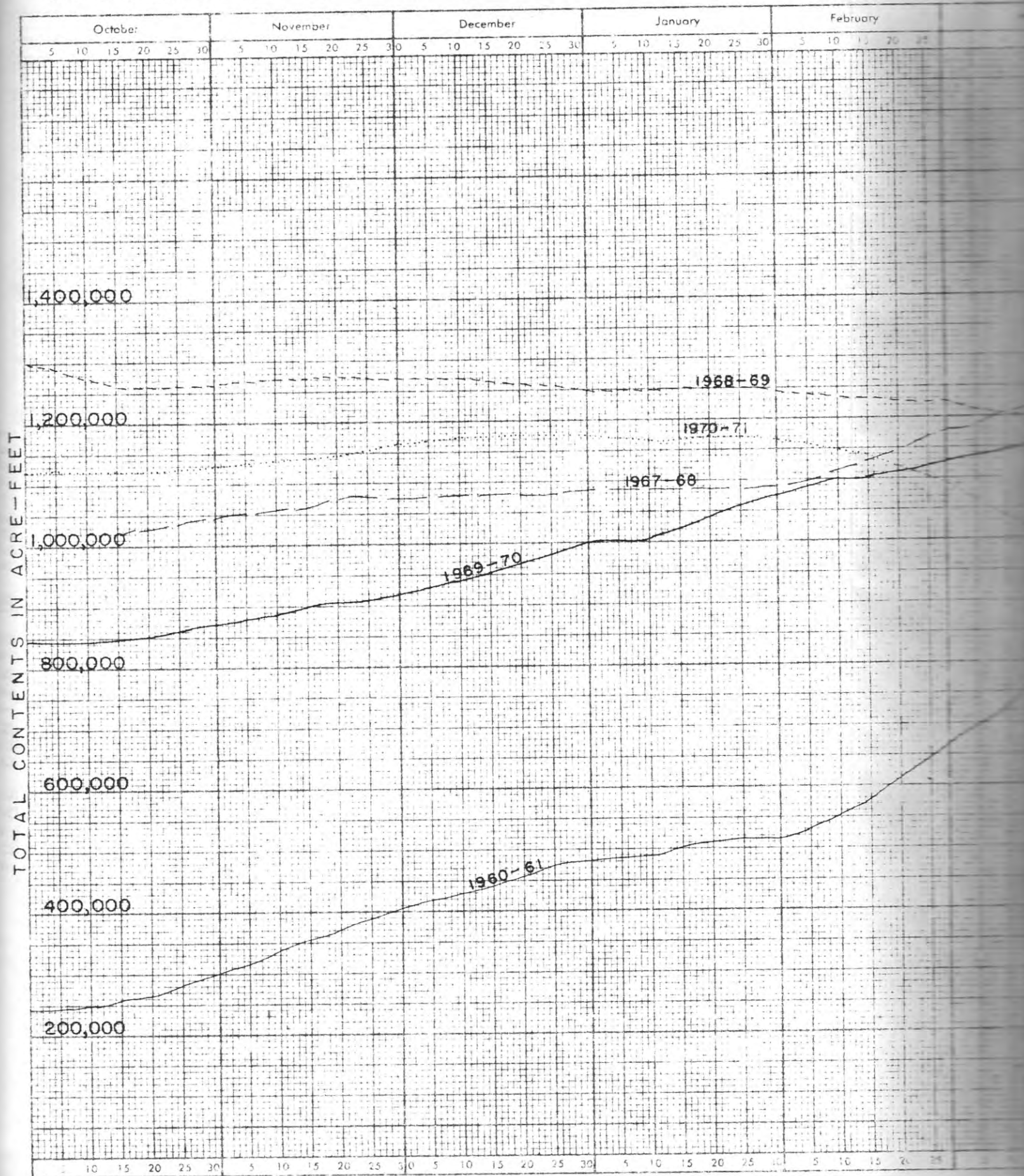


9-279-1 Sept 1966

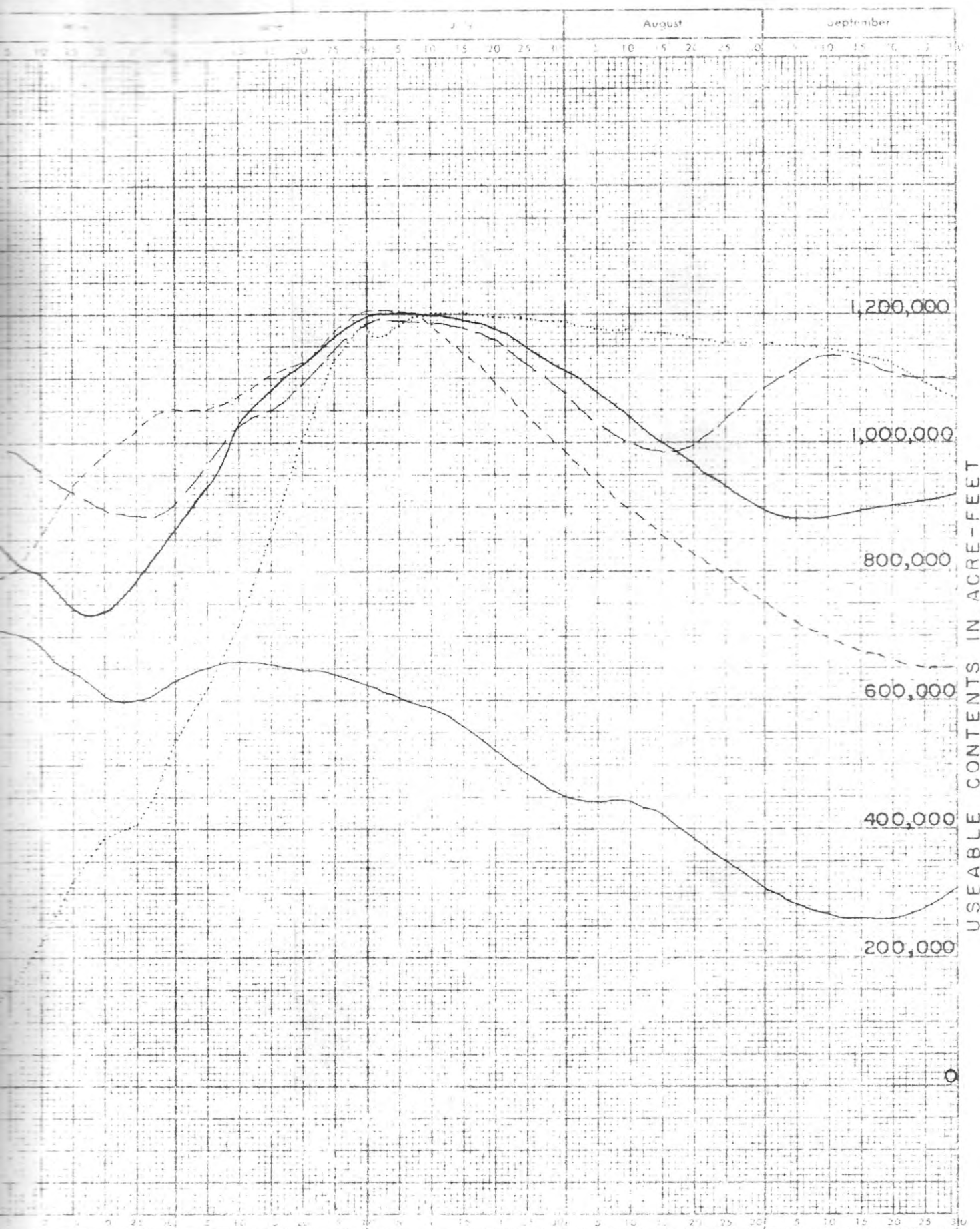
UNITED STATES DEPARTMENT OF THE INTERIOR

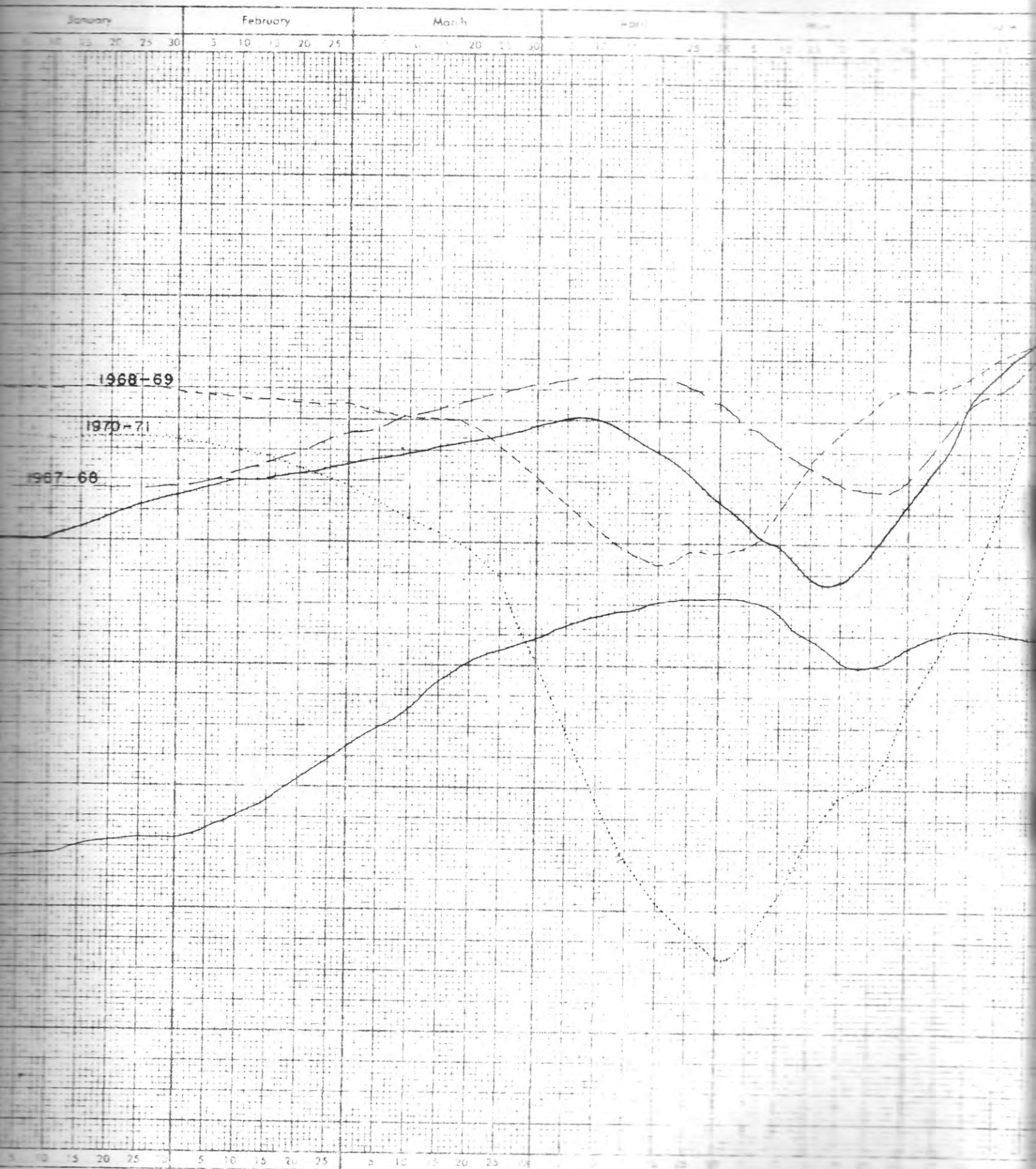
GEOLOGICAL SURVEY

(WATER RESOURCES DIVISION)



Plotted by _____ Checked by _____ Date _____

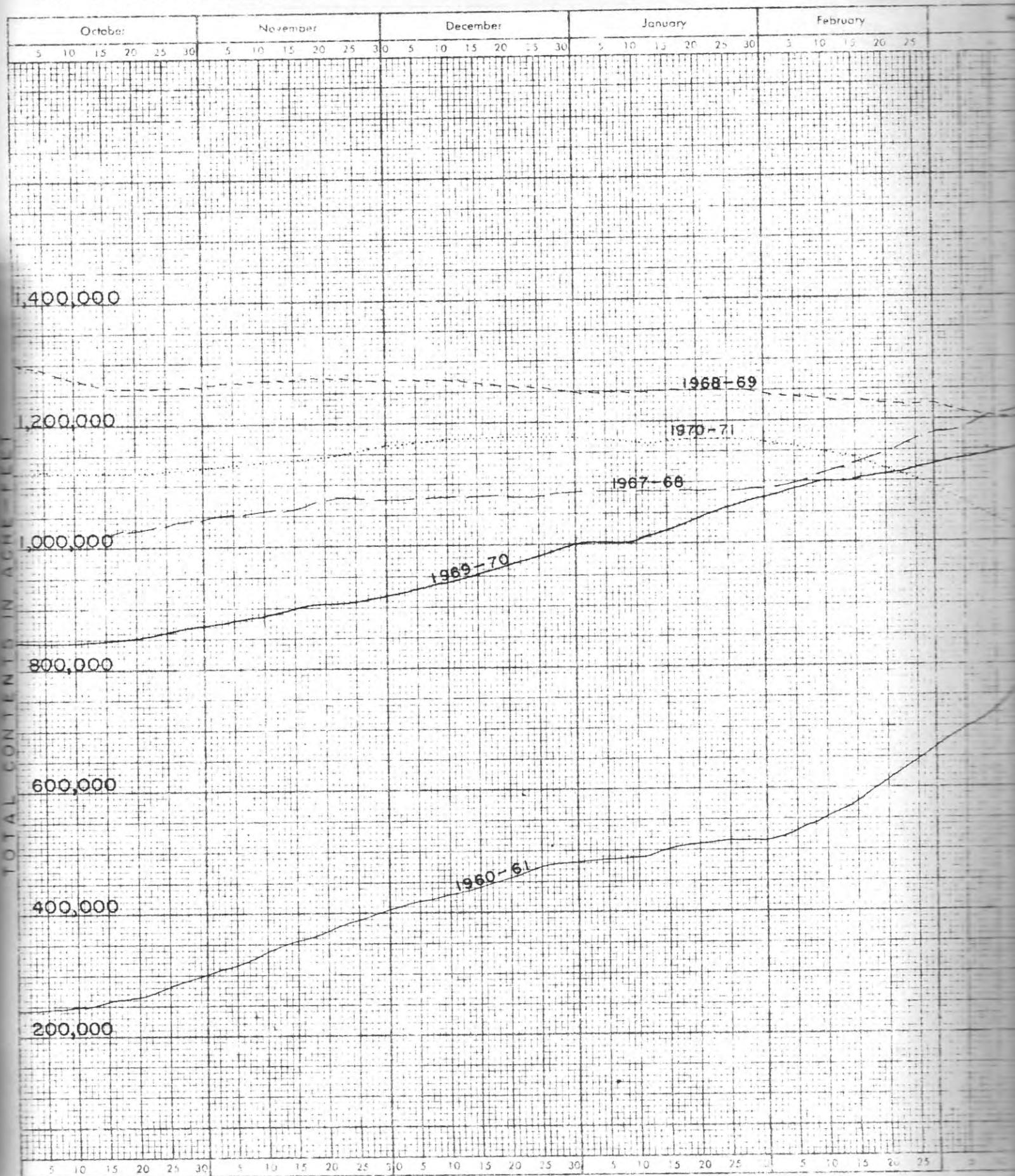




UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

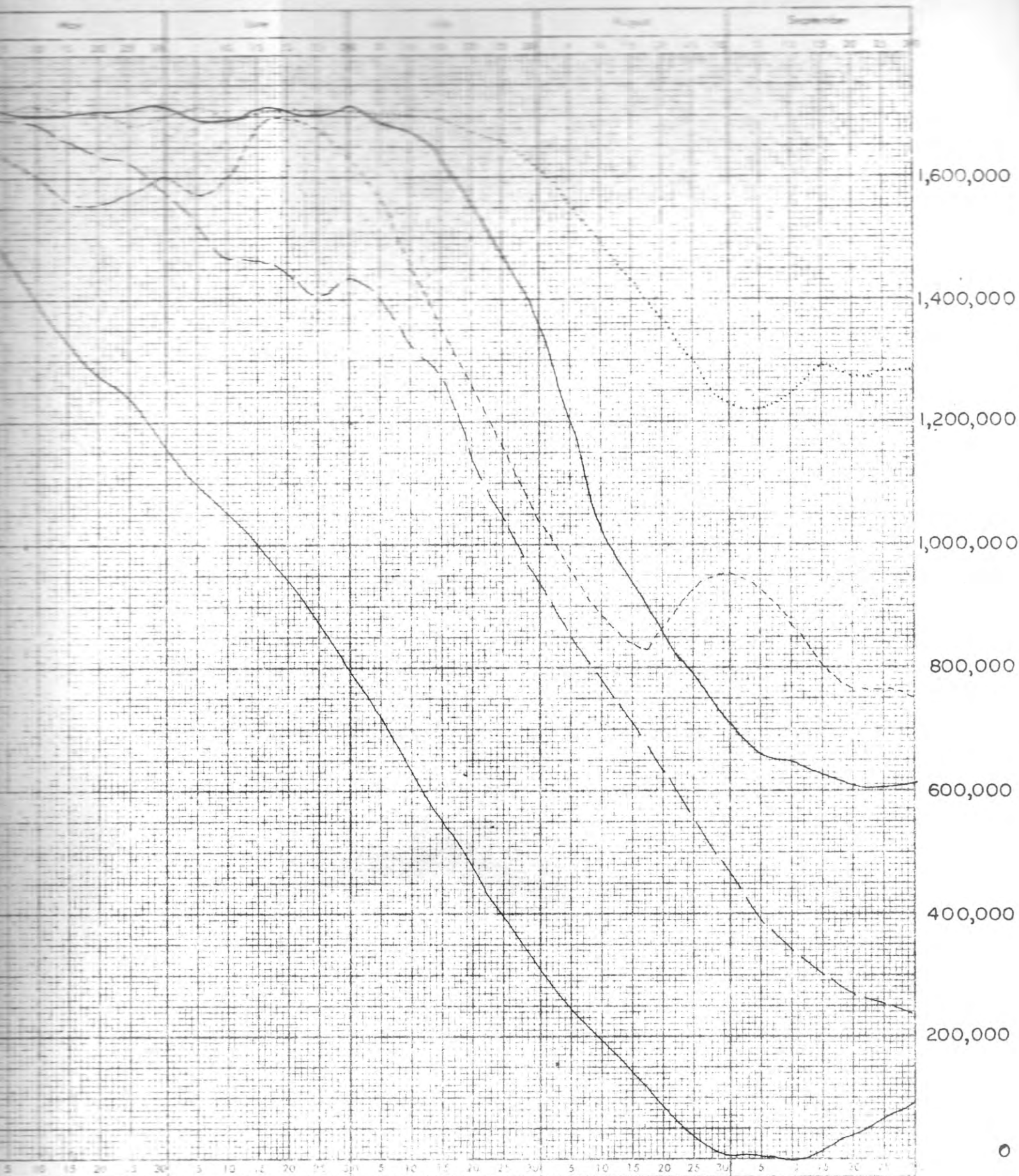
(WATER RESOURCES DIVISION)

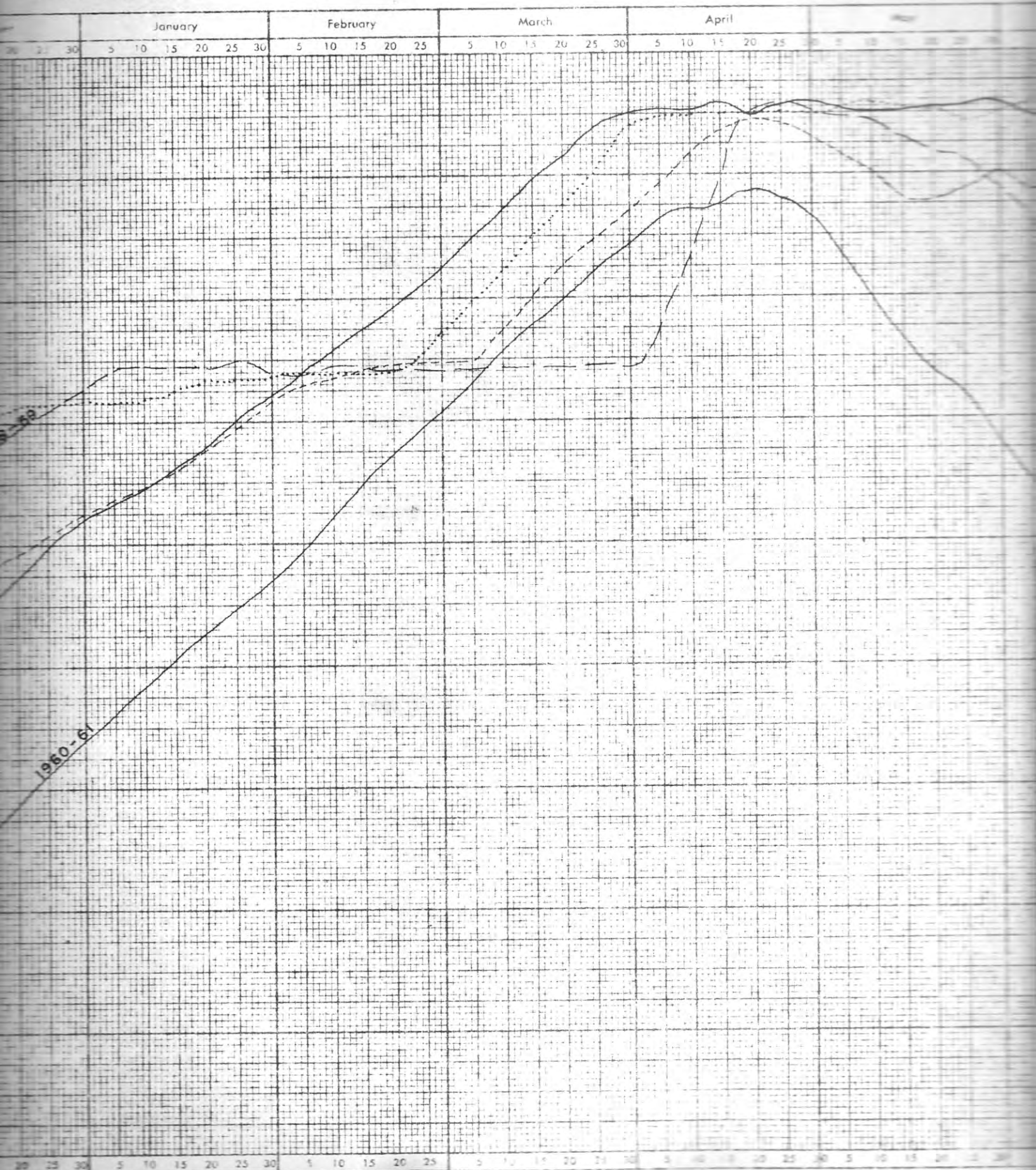


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AMERICAN FALLS RESERVOIR

PLATE NO. 3



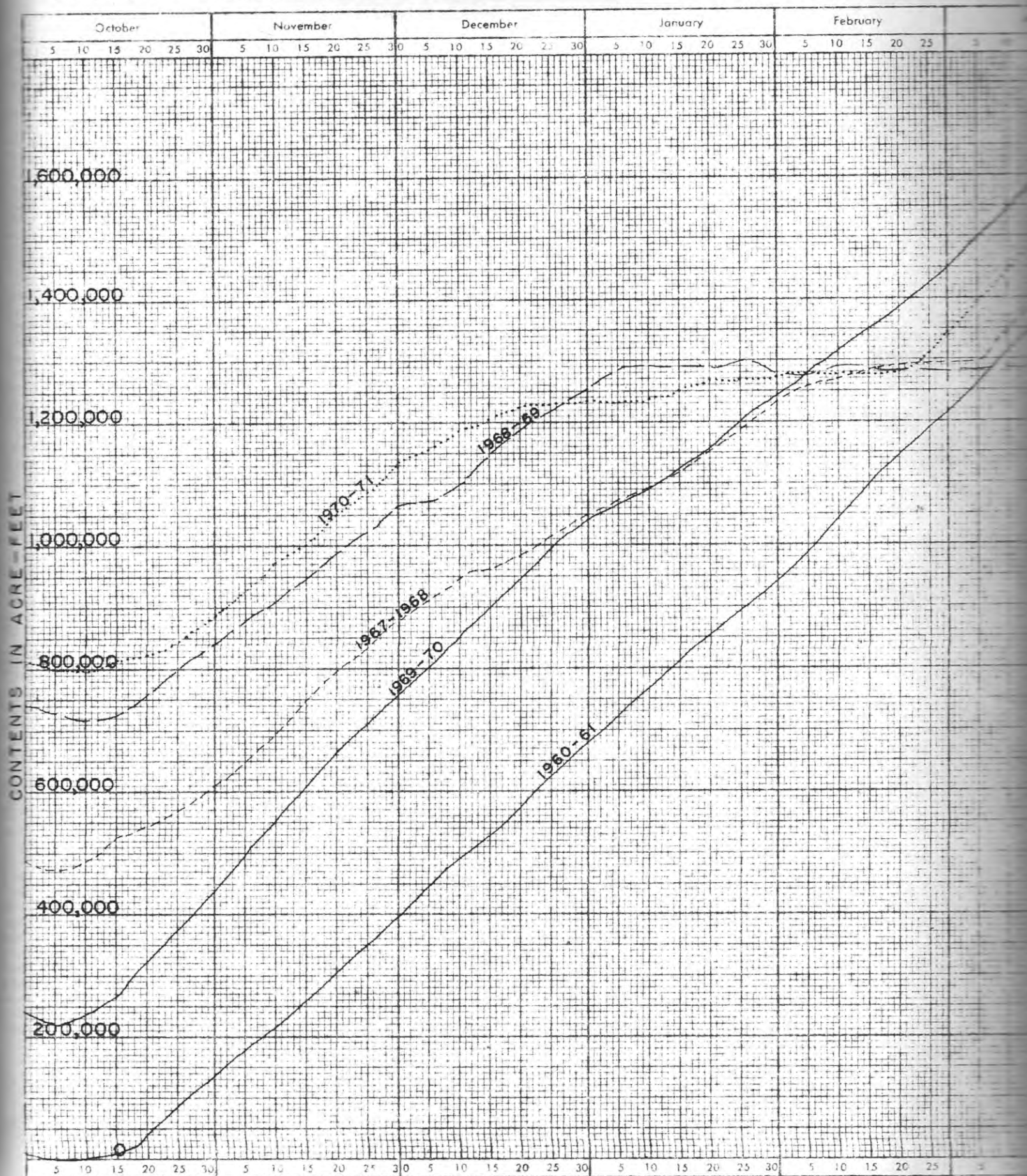


9 72-c Sept 1916

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

(WATER RESOURCES DIVISION)

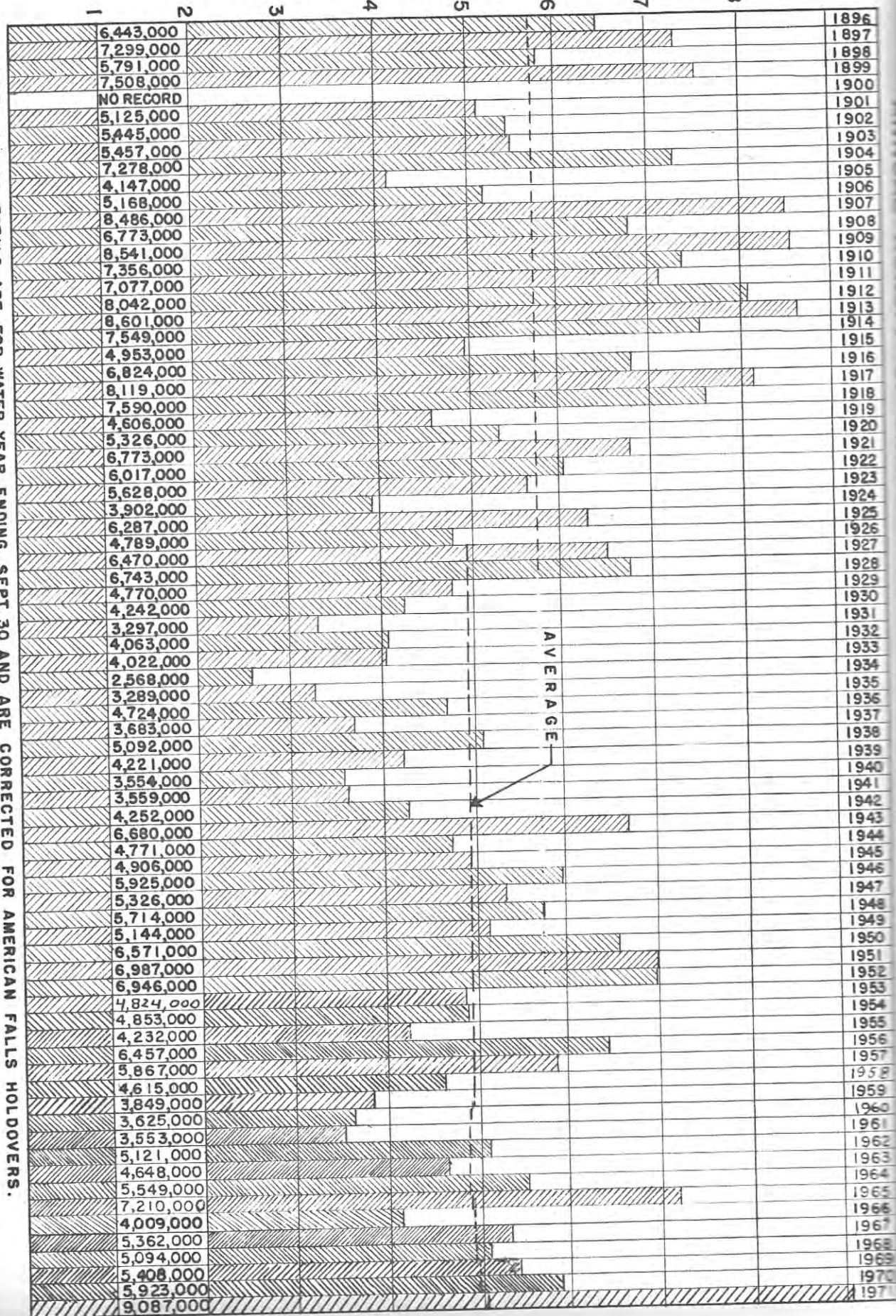


Plotted by _____ Checked by _____ Date _____

RUNOFF IN MILLIONS OF ACRE-FEET

ANNUAL RUNOFF OF GREAT RIVER AT MONTGOMERY, 1896-1971

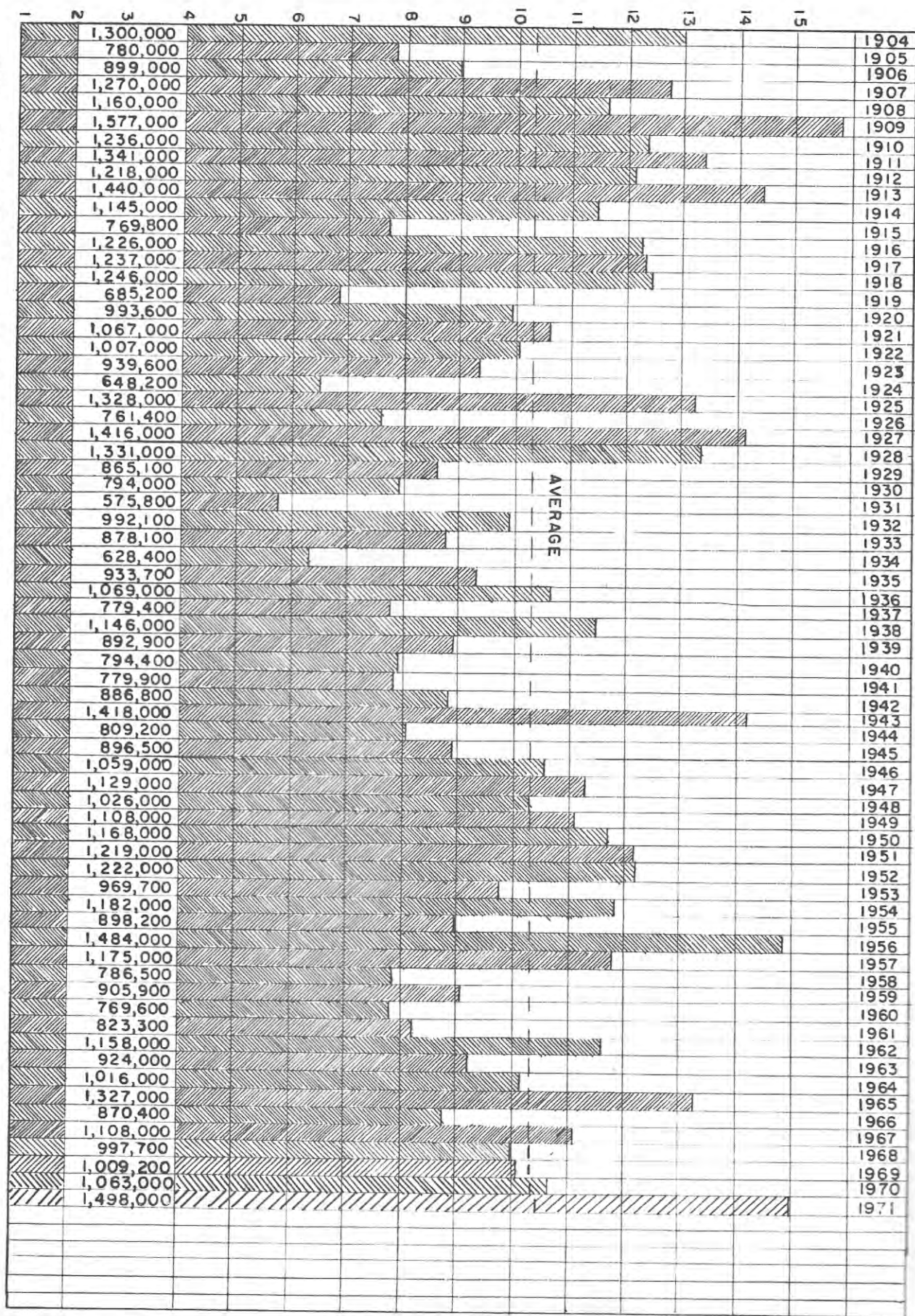
NOTE: RUNOFF TOTALS ARE FOR WATER YEAR ENDING SEPT. 30 AND ARE CORRECTED FOR AMERICAN FALLS HOLDOVERS.
RECORDS AT MONTGOMERY FERRY USED PRIOR TO 1907.



RUNOFF IN HUNDREDS OF THOUSANDS OF ACRE-FEET

ANNUAL RUNOFF OF SNAKE RIVER AT MORAN, WYO.

PLATE NO. B



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

DAILY DISCHARGE IN SECOND FEET OF SNAKE RIVER CANALS

March 1971

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
RILEY																																
ANDERSON																																
EAGLE ROCK																																
FARMERS FRIEND																																
ENTERPRISE																																
NELSON																																
MATTISON-CRAIG																																
ARNESBERGER																																
BUTLER ISLAND																																
ROSS & RAND																																
STEELE																																
HARRISON																																
CHENEY																																
BOOMER																																
RUDY																																
KITE & NORD																																
BURGESS																																
CLARK & EDWARDS																																
LOWDER & JENNINGS																																
EAST LABELLE																																
SUNNYDELL																																
LENROOT																																
REID																																
TEXAS FEEDER																																
NELSON COREY																																
HILL PETTINGER																																
RIGBY																																
ISLAND																																
DILTS																																
WEST LABELLE & LONG ISLAND																																
PARKS & LEWISVILLE																																
NORTH RIGBY																																
WHITE																																
ELLIS																																
BRAMWELL																																
BUTTE & MARKET LAKE																																
OSGOOD																																
BEAR ISLAND & SMITH																																
KENNEDY																																
IDAHO																																
GREAT WESTERN																																
PORTER																																
COY & KELLER																																
WOODVILLE																																
SNAKE RIVER VALLEY																																
TOTAL HEISE TO SHELLEY																																
RESERVATION																																
BLACKFOOT																																
NEW LAVA SIDE																																
PEOPLES																																
ABERDEEN																																
CORBETT																																
NIELSEN-HANSEN																																
RIVERSIDE																																
DANSKIN																																
TREGO																																
WEARYRICK																																
WATSON																																
PARSONS																																
TOTAL SHELLEY TO BLACKFOOT																																

370 191 261

185

0 190 237 354 433 433 433

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS

MAY, 1971

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
RILEY																																	126
ANDERSON																																	2,330
EAGLE ROCK																																	1,645
FARMERS FRIEND																																	5,028
ENTERPRISE																																	2,612
NELSON																																	84
MATTSON-CRAIG																																	278
ARNBERGER																																	0
BUTLER ISLAND																																	302
ROSS & RAND																																	0
STEELE																																	143
HARRISON																																	11,868
CHENEY																																	145
BOOMER																																	3,534
RUDY																																	1,854
KITE & NORD																																	2,055
BURGESS	228	228	244	261	246	307	318	417	444	538	616	664	761	788																			21,756
CLARK & EDWARDS																																	1,421
LOWDER & JENNINGS																																	762
EAST LABELLE																																	2,853
SUNNYDELL																																	2,151
LENROOT																																	1,193
REID	57	57	57	57	57	57	57	57	57	77	77	110	114	114																			3,728
TEXAS FEEDER																																	5,674
NELSON COREY																																	—
HILL PETTINGER																																	—
RIGBY	0	0	31	54	54	54	54	54	54	66	72	72	97	112																			4,141
ISLAND																																	8,912
DILLS																																	4,498
WEST LABELLE & LONG ISLAND																																	7,103
PARKS & LEWISVILLE																																	7,327
NORTH RIGBY																																	768
WHITE																																	—
ELLIS																																	0
BRAMWELL																																	—
BUTTE & MARKET LAKE																																	

JUNE, 1971

[illegible]

DAILY DISCHARGE IN SECOND-FOOT OF SNAKE RIVER CANALS

001-1-1997

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
RILEY	19	18	17	16	30	35	36	38	34	26	22	17	21	26	36	37	30	40	38	39	37	36	35	35	36	37	37	34	33	33	36	946	
ANDERSON	408	408	408	408	422	436	436	436	436	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	946	
EAGLE ROCK	323	510	510	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	531	12,667	
FARMERS FRIEND	337	444	444	444	406	369	369	417	481	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	478	13,020	
ENTERPRISE	125	125	125	125	154	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	5,656	
NELSON	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	192	
MATTSON-CRAIG	22	22	22	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	621	
ARNESBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	
BUTLER ISLAND	39	39	39	39	44	51	51	59	62	59	59	60	76	75	75	70	65	65	68	68	68	68	68	68	68	68	68	68	68	68	68	68	1,849
ROSS & RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	253	
HARRISON	509	510	599	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	628	19,186	
CHENEY	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1,746	
BOOMER	59	58	75	76	67	77	60	93	72	77	75	111	92	90	90	95	93	93	94	95	76	100	96	104	104	104	104	104	104	104	104	104	2,732
RUDY	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	271	
BURGESS	982	977	986	982	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	28,509	
CLARK & EDWARDS	112	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	3,343	
LOWDER & JENNINGS	66	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	1,938	
EAST LABELLE	117	124	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	4,501	
SUNNYDELL	129	95	205	138	192	227	252	227	232	217	217	237	216	216	205	206	225	204	235	234	233	232	239	230	230	228	229	228	228	228	228	228	6,614
LENRUIT	129	131	132	133	134	126	137	138	139	140	142	159	155	147	161	150	159	159	159	159	159	159	159	159	159	159	159	159	159	159	159	159	4,275
REID	171	165	198	207	232	234	247	243	244	245	204	216	218	217	219	246	246	215	245	245	238	219	209	195	192	207	198	211	210	210	210	210	6,847
TEXAS FEEDER	290	290	290	290	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	306	9,329	
NELSON COREY	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	350	
HILL PETTINGER	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	292	
RIGBY	193	193	181	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	6,403
ISLAND	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	6,120	
WEST LABELLE & LONG ISLAND	28	28	28	28	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	1,035	
PARKS & LEWISVILLE	366	578	571	571	568	574	568	574	568	571	574	568	571	574	568	571	574	568	571	574	568	571	574	568	571	574	568	571	574	568	571	17,505	
NORTH RIGBY	56	56	56	53	50	58	62	67	68	68	76	76	68	84	82	79	79	70	70	68	67	67	70	67	67	67	67	67	67	67	67	12,294	
WHITE	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	2,036	
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	202	
BRAMWELL	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	28	
BUTTE & MARKET LAKE	344	318	292	269	246	253	278	301	300	312	283	332	350	312	321	307	307	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	336
OSGOOD	77	76	60	4	4	7	72	79	80	79	61	5	62	83	82	83	49	5	56	83	76	75	77	51	6	59	84	85	86	87	84	948	
BEAR ISLAND & SMITH	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	1,236	
KENNEDY	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	1,620	
IDAHO	892	909	909	1000	1040	1080	1220	1100	1360	1330	1170	1380	1420	1370	1440	1420	1360	1290	1380	1260	1160	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	3,810
GREAT WESTERN	600	586	595	606	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	616	19,905	
PORTER	180	179	223	221	239	231	310	308	306	350	358	329	350	332	350	349	348	342	342	342	342	342	342	342	342	342	342	342	342	342	342	342	9,450
COY & KELLER	115	115	105	106	104	106	122	125	124	122	108	120	132	132	129	119	0	0	73	114	116	122	127	124	123	122	118	115	110	106	106	3,360	
WOODVILLE	713	729	745	757	757	807	828	900	912	810	858	925	910	918	925	932	926	807	888	915	938	920	895	825	809	796	821	798	853	805	855	26,085	
SNAKE RIVER VALLEY	8393	8123	8138	8848	9145	9503	9810	10272	10318	10416	10651	10851	11072	10892	10844	10871	10226	10236	10222	10219	10216	10216	10216	10216	10216	10216	10216	10216	10216	10216	10216	10216	3,360
TOTAL HEISE TO SHELLEY	8393	8123	8138	8848	9145	9503	9810	10272	10318	10416	10651	10851	11072	10892	10844	10871	10226	10236	10222	10219	10216	10216	10216	10216	10216	10216	10216	10216	10216	10216	10216	10216	3,360
RESERVATION	267	262	258	264	260	264	315	333	358	358	366	362	353	358	444	456	456	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	4,001
BLACKFOOT	152	83	0	0	107	162	180	171	182	172	166	162	179	179	186	181	186	189	183	194	200	184	175	179	182	179	182	179	182	179	182	179	1,973
NEW LAVA SIDE	410	431	437	437	31	444	483	502	471	0	81	451	521	521	510	545	557	545	535	521	521	518	490	461									

DAILY DISCHARGE IN SECOND-FEET OF SNAKE RIVER CANALS	
OF CANAL	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22

AUGUST, 1971

PLATE NO. 3

[illegible]

DAILY DISCHARGE IN SECOND FEET OF SNAKE RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
RILEY	27	28	28	28	18	8	8	10	12	12	12	12	12	12	9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	402	
ANDERSON	326	324	324	274	273	272	273	274	273	272	273	274	273	272	273	274	273	272	273	274	273	272	273	274	273	272	273	274	273	272	273	402	
EAGLE ROCK	210	210	210	158	158	158	158	158	158	158	158	158	158	158	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	816		
FARMERS FRIEND	288	269	246	252	232	211	214	218	201	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	7,689		
ENTERPRISE	130	109	111	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	3,649		
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135		
WATSON-CRAIG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135		
ARNISBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24		
BUTLER ISLAND	38	40	40	20	30	31	27	23	23	24	24	30	30	32	26	28	31	31	30	30	29	34	38	38	41	41	41	41	41	41	41	970	
ROSS & RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
HARRISON	324	288	258	192	176	160	158	155	155	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	8,110	
CHENEY	148	142	142	38	38	38	35	32	54	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	3,526	
BOEMER	40	36	36	13	13	13	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	741	
RUDY & NORD	710	736	727	648	644	639	617	595	582	569	564	604	604	652	701	736	771	771	706	740	740	740	740	740	740	740	740	740	740	740	740	21,311	
BURGESS	65	72	69	70	70	70	59	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	1,570	
CLARK & EDWARDS	24	25	24	25	25	25	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	784	
LOWDER & JENNINGS	101	106	103	106	99	92	76	60	60	61	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	2,328	
EAST LABELLE	189	189	162	163	162	160	159	158	152	145	145	144	143	142	142	139	134	134	134	134	134	133	137	141	167	168	167	158	160	140	140	4,530	
SUNNYDELL	75	109	82	85	83	81	76	70	66	63	66	66	64	61	72	93	93	53	53	52	51	83	115	115	71	71	66	62	62	62	62	2,227	
LENROOT	143	143	123	124	124	123	120	118	118	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	3,958	
REID	280	280	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	227	6,356	
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	250	
NELSON COREY	97	97	96	94	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	53	
HILL PETTINGER	182	185	189	175	170	164	162	159	157	155	155	151	151	146	142	146	151	151	147	147	144	141	146	152	152	168	168	177	178	178	178	3,440	
ISLAND	25	27	28	24	25	26	24	21	20	20	18	18	18	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	4,789	
WEST LABELLE & LONG ISLAND	472	472	491	491	469	474	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	13,363	
PARKS & LEWISVILLE	239	242	246	242	220	217	205	193	208	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	6,689	
NORTH RIGBY	40	42	42	43	50	57	50	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	1,412	
WHITE	6	6	7	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113	
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	
BRAWELL	0	7	14	14	14	14	14	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	370	
BUTTE & MARKET LAKE	232	221	221	221	221	195	196	196	190	188	190	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	5,521	
OSGOOD	58	58	55	34	6	45	50	49	44	45	29	5	36	45	51	56	55	32	7	42	53	53	52	52	28	5	39	43	41	38	1,206		
BEAR ISLAND & SMITH	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
KENNEDY	17	17	17	21	21	16	16	14	14	14	24	22	22	21	21	19	19	21	21	19	19	17	17	17	17	17	17	17	17	17	17	563	
IDAHO	668	668	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	18,555	
GREAT WESTERN	483	479	475	473	473	409	407	406	404	406	407	406	411	411	411	407	407	407	406	404	404	406	406	412	414	403	396	396	396	396	396	12,424	
PORTER	237	237	239	239	239	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	244	6,889	
COY & KELLER	96	96	93	93	93	82	82	84	84	71	72	72	75	75	71	71	69	67	67	69	69	67	67	67	67	67	67	67	67	67	67	2,336	
WOODVILLE	661	647	629	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623	17,956	
SNAKE RIVER VALLEY	666	620	408	398	384	362	350	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	17,956	
TOTAL HEISE TO SHELLEY	666	620	408	398	384	362	350	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	17,956	
RESERVATION	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	790	
BLACKFOOT	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	4,457	
NEW LAVA SIDE	132	135	113	94	100	102	95	80	87	90	89	84	90	96	102	110	118	101	101	101	102	105	112	112	104	104	104	104	104	104	104	104	3,169
PEOPLES	318	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	7,862	
ABERDEEN	1030	970	891	832	805	750	720	693	670	660	654	654	654	654	654	654	654	654	654	654	654	654	654	654	654	654	654	654	654	654	654	21,787	
CORBETT	214	219	198	151	141	131	120	109	107	110	110	129	129	172																			

11011111

[illegible]

NOVEMBER, 1971

[illegible]

GREEN BLACKFOOT AND NEELEY GAGING STATIONS

MAY 1971

Plate 38 31

Second Feet

2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
6	45	44	44	43	42	41	41	40	39	38	38	37	36	36	35	34	34	34	34
7	488	489	490	491	492	493	494	496	497	498	499	500	501	502	503	504	505	505	505
10	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
20	239	177	214	212	209	204	197	193	185	180	175	166	159	155	142	133	130	131	129
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	-	7
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	-	29
59	59	59	58	58	58	58	57	57	57	57	56	56	56	56	55	55	55	55	55
4	4	4	4	4	4	4	4	3	3	3	3	3	3	2	2	2	2	2	2
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
10	10	10	10	10	10	10	9	9	9	9	9	9	9	8	8	8	8	8	8
2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
20	1570	1550	1560	1550	1540	1510	1440	1350	1270	1210	1180	1150	1120	1110	1100	1110	1110	1140	1160
3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
13	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11
53	53	53	54	54	54	54	54	54	54	55	55	55	55	56	56	56	56	56	56
3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
7	7	7	7	7	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
90	100	105	100	90	90	70	50	55	55	55	55	55	50	45	45	45	45	45	50
25	35	40	40	35	40	35	45	50	30	30	35	35	20	15	20	10	9	10	10
2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4
35	35	35	40	25	55	20	30	25	30	35	40	40	40	35	30	25	12	15	40
10	109	108	107	106	105	104	102	101	100	99	98	97	96	95	94	93	92	93	95
27	26	26	25	24	24	23	22	22	21	20	20	19	18	18	17	16	16	16	16
102	90	96	93	90	87	84	81	78	75	72	69	66	63	61	59	56	54	54	53
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
31	3114	3038	3081	3034	3051	2951	2867	2774	2666	2602	2573	2529	2466	2434	2405	2387	2368	2404	2433
20	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
351	4434	4358	4401	4354	4371	4271	4187	4094	3920	3922	3893	3849	3786	3754	3725	3707	3688	3724	3753

125,914

38	19	82	46	46	46	46	46	45	45	45	45	49	51	53	66	75	78	79	86
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389	4453	4440	4447	4400	4417	4317	4233	4139	4031	3967	3938	3898	3837	3807	3721	3782	3766	3803	3839
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127,138

JUNE, 1971

Plate N^o 11 A

2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
9	40	40	41	42	42	43	44	44	45	46	46	47	48	49	49	50	51	51
8	497	496	494	493	492	490	489	488	487	486	484	483	482	480	479	478	476	475
0	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
0	226	164	143	131	131	124	125	127	128	125	126	117	122	137	131	138	138	118
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
9	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
5	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
9	9	9	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	675	641	624	599	553	540	520	500	485	475	460	440	420	400	385	380	380	375
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	15	16	16	16	17	17	17	18	18	18	19	19	19	20	20	20	21	21
2	62	62	63	63	63	63	64	64	64	64	65	65	66	66	66	67	67	67
3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	45	50	50	45	57	60	60	65	65	65	60	60	55	60	65	75	85	91
3	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
0	20	20	20	5	5	0	5	25	30	25	10	20	15	30	30	30	24	4
1	111	111	111	111	111	111	111	111	112	112	112	112	112	112	112	112	112	112
3	13	14	14	14	14	14	14	15	15	15	15	15	15	15	15	16	16	16
0	50	49	49	49	49	49	49	49	48	48	48	48	48	48	47	47	47	47
7	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
9	2063	1972	1936	1879	1846	1823	1811	1819	1811	1793	1760	1742	1719	1734	1717	1731	1736	1696
0	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
9	3383	3292	3256	3399	3166	3143	3131	3139	3131	3113	3080	3062	3039	3054	3037	3051	3056	3016
	99,682																	
9	64	126	148	160	161	168	168	166	166	169	169	178	174	159	166	160	160	181
8	3447	3418	3404	3559	3327	3311	3299	3305	3297	3282	3249	3240	3213	3213	3203	3211	3216	3197
	103,619																	

24-Hour Second Feet

103,619

Plate 11 B

[illegible]

24-Hour Second Feet

89,400

Plate N° 11 C

22	23	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
27	27	27	26	26	26	26	25	25	25	25	24	24	24	25	25	26	26	27	28
495	496	497	497	498	498	499	500	500	501	501	502	502	504	506	508	510	512	515	518
140	141	141	142	143	143	144	145	146	146	147	148	148	147	146	144	143	142	140	139
157	158	192	190	188	188	184	183	182	190	198	177	188	174	176	180	197	200	210	201
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	27	27	27	27	27	27	27	28	28	28	29	29
52	52	50	50	49	49	48	47	47	46	45	45	44	44	45	46	47	48	49	50
6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
27	27	26	26	26	26	26	26	25	25	25	25	25	26	28	29	30	31	32	33
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
87	83	83	86	86	96	103	90	97	99	118	124	124	126	130	134	123	138	150	178
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	-	15
71	71	71	71	71	71	71	71	70	70	70	70	70	70	70	70	70	70	70	70
4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	12	12	13	13	13	13	13	13	13	13	13	13	14	14	14	15	15	16	16
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
55	55	70	65	60	50	45	45	50	45	50	56	46	48	48	50	55	55	55	55
14	14	17	17	16	15	14	14	13	13	12	12	12	12	12	12	12	12	12	33
3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	15	15	20	15	15	15	15	20	20	20	19	15	20	20	20	15	30	25	20
82	82	83	83	84	84	84	85	85	85	86	86	86	86	87	87	88	88	89	90
15	15	16	16	17	17	17	18	18	18	19	19	19	19	20	20	20	20	21	21
28	27	27	26	26	25	25	24	23	23	21	21	21	21	21	20	20	20	20	19
15	15	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17
1413	1413	1419	1420	1410	1408	1406	1394	1406	1412	1444	1434	1430	1428	1441	1454	1466	1501	1526	1566
1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1310	1320	1320	1340	1340
2713	2713	2719	2720	2710	2708	2706	2694	2706	2712	2744	2734	2730	2728	2751	2744	2786	2841	2866	2906
84,547																			
92	92	94	94	94	92	94	94	93	84	74	94	81	94	94	91	76	74	65	65
2813	2813	2813	2814	2804	2800	2800	2788	2799	2796	2818	2828	2811	2822	2845	2865	2862	2915	2931	2971

24-Hour Second Feet

87,544

SEPTEMBER, 1971

Plate N° 11 D

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
3	33	33	33	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	
7	566	565	563	562	561	560	559	558	556	555	554	553	552	550	549	548	548	548	
2	133	134	135	136	137	138	139	141	142	143	144	145	146	147	148	148	148	148	
0	289	289	288	263	244	242	242	241	238	237	236	258	264	265	261	272	271	271	
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
1	31	31	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	
9	59	60	60	60	60	60	60	60	60	60	60	60	61	61	61	61	61	61	
	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	
2	58	51	44	40	40	39	39	38	37	36	35	34	33	33	32	32	31	31	
0	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
3	261	258	259	261	261	260	267	272	274	281	296	287	285	259	249	250	259	281	
3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	
4	14	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	
5	73	72	70	69	68	68	68	68	67	67	67	67	66	66	66	66	66	66	
4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	
2	21	20	20	19	19	18	18	17	16	16	15	14	14	13	13	12	12	12	
	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
0	80	65	50	35	60	60	70	65	60	50	55	50	45	45	70	70	70	72	
5	30	39	35	15	15	40	32	33	32	25	28	26	25	25	29	28	30	28	
4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	
3	17	22	5	40	50	57	38	39	36	18	27	14	11	16	23	24	37	31	
6	124	123	122	120	118	117	115	112	110	108	107	105	104	102	101	100	99	99	
3	23	23	23	22	21	20	20	20	19	19	19	19	19	18	18	18	18	18	
7	17	16	15	15	15	14	14	14	14	13	13	13	13	13	12	12	12	12	
7	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
3	1887	1873	1824	1792	1804	1827	1815	1812	1795	1762	1790	1780	1773	1748	1767	1776	1797	1813	
0	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	
3	3227	3213	3164	3132	3144	3167	3155	3152	3135	3102	3130	3120	3113	3088	3107	3116	3137	3153	
94,840																			
	0	0	0	25	43	44	44	44	46	46	47	24	18	16	20	8	8	8	
3	3227	3213	3164	3157	3187	3211	3199	3196	3181	3148	3177	3144	3131	3104	3127	3124	3145	3161	
95,435																			

24-Hour Second Feet

STREAM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Jimmy Creek	29	30	31	31	32	33	33	33	33	33	33	33	33	33	33	33	33
Spring Creek	520	525	530	540	550	563	573	572	571	570	568	567	566	565	563	562	561
Tr Creek	138	137	136	134	133	132	131	130	130	131	131	132	133	134	135	136	137
Neuf R. Inflow	213	219	254	285	288	289	290	292	292	291	290	290	289	289	288	263	244
Low Pocatello																	
Creek	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
y Creek	29	29	30	30	30	31	31	31	31	31	31	31	31	31	30	30	30
Creek	52	53	54	55	56	57	58	59	59	59	59	59	59	60	60	60	60
Springs	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
cker Springs	35	38	45	55	67	75	81	80	75	70	66	62	58	51	44	40	40
Springs	9	9	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11
er Springs	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Neuf R. at	156	154	168	174	174	203	208	236	252	252	259	253	261	258	259	261	261
catello																	
atal Ditch	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
atal Waste	15	15	15	14	14	14	14	14	14	14	14	14	14	15	15	15	15
elsen Springs	71	71	72	74	77	80	80	80	80	79	79	75	73	72	70	69	69
asian Springs	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
ling Waste	16	17	17	19	22	24	24	24	24	23	23	22	21	20	20	19	19
urn Waste	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
deen Waste	30	35	55	110	105	110	113	90	95	95	95	100	80	65	50	35	35
ar Waste	40	65	45	50	43	41	46	50	34	37	41	35	30	39	35	15	15
ultz Waste	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
or Waste	16	9	20	45	35	36	41	35	38	33	40	33	17	22	5	40	40
g Fork	92	95	98	105	110	115	120	128	128	128	127	125	124	123	122	120	120
gle Creek	21	21	21	22	23	24	24	24	24	24	23	23	23	23	23	22	22
ock Creek	19	19	19	19	18	18	18	18	18	18	17	17	17	16	15	15	15
gar Springs	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
TOTAL MEASURED	1548	1588	1667	1819	1863	1907	1970	1969	1945	1952	1949	1928	1887	1873	1824	1792	1792
Measured Inflow	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340	1340
TOTAL INFLOW	2888	2928	3007	3159	3203	3247	3310	3309	3285	3292	3289	3368	3227	3213	3164	3132	3132

PLATE NO. 12

SIDE 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
3,000	4,076	0	4,076	350	3,640	3,990	137	161	298	0	173	173
3,040	4,076	0	4,076	275	3,725	4,000	79	219	298	124	0	124
3,060	4,096	0	4,096	350	3,600	3,950	163	135	298	101	0	101
3,090	4,127	0	4,127	340	3,600	3,940	163	135	298	102	0	102
3,100	4,137	0	4,137	370	3,600	3,970	165	135	300	99	0	99
3,080	4,117	0	4,117	340	3,600	3,940	163	135	298	71	0	71
3,080	4,117	0	4,117	350	3,600	3,950	162	135	297	65	0	65
3,090	4,130	0	4,130	350	3,600	3,950	161	135	296	64	0	64
2,720	3,760	0	3,760	381	3,600	3,980	161	135	296	489	0	489
2,560	3,601	0	3,601	257	3,600	3,860	161	135	296	697	0	697
3,090	4,131	0	4,131	184	3,600	3,780	161	135	296	61	0	61
3,080	4,121	0	4,121	227	3,600	3,830	161	135	296	64	0	64
3,070	4,108	0	4,108	234	3,600	3,830	161	135	296	62	0	62
3,060	4,098	0	4,098	221	3,600	3,820	160	135	295	50	0	50
3,060	4,098	886	3,212	370	3,600	3,970	163	135	298	52	0	52
3,060	4,098	1,098	3,000	960	3,000	3,960	290	0	290	51	0	51
3,060	4,108	1,108	3,000	960	3,000	3,960	272	0	272	53	0	53
3,080	4,127	1,730	2,397	950	3,000	3,950	250	0	250	55	0	55
3,100	4,147	1,838	2,309	900	3,000	3,900	258	0	258	54	0	54
3,080	4,127	1,623	2,504	890	3,000	3,890	261	0	261	49	0	49
3,080	4,124	1,906	2,218	940	3,000	3,940	268	0	268	36	0	36
3,040	4,084	2,419	1,665	960	3,000	3,960	271	0	271	24	0	24
3,010	4,056	2,955	1,101	940	3,000	3,940	271	0	271	19	0	19
3,030	4,083	3,268	815	950	3,000	3,950	264	0	264	20	0	20
3,040	4,083	3,313	770	950	3,000	3,950	261	0	261	20	0	20
3,050	4,093	2,958	1,135	940	3,000	3,940	261	0	261	20	0	20
3,020	4,073	2,236	1,619	900	3,000	3,900	261	0	261	20	0	20
3,000	4,053	1,757	2,296	920	3,000	3,920	261	0	261	22	0	22
3,000	4,053	1,893	2,160	920	3,000	3,920	270	0	270	22	0	22
3,000	4,043	2,992	1,051	940	3,000	3,940	280	0	280	21	0	21
2,980	4,023	3,270	753	920	3,000	3,920	283	0	283	21	0	21
2,960	4,002	3,602	400	950	3,000	3,950	283	0	283	21	0	21
3,000	4,042	3,642	400	980	3,000	3,980	283	0	283	22	0	22
3,000	4,040	3,640	400	960	3,000	3,960	283	0	283	23	0	23
3,000	4,030	3,630	400	960	3,000	3,960	283	0	283	23	0	23
3,000	4,037	3,637	400	900	3,000	3,900	283	0	283	24	0	24
2,950	3,986	3,586	400	920	3,000	3,920	283	0	283	24	0	24
2,940	3,956	3,586	400	900	3,000	3,900	279	0	279	24	0	24
2,920	3,906	3,506	400	880	3,000	3,880	278	0	278	24	0	24
2,960	3,947	3,547	400	870	3,000	3,870	278	0	278	23	0	23
2,990	3,986	3,586	400	830	3,000	3,830	278	0	278	24	0	24
2,920	3,906	3,506	400	750	3,000	3,750	222	0	222	24	0	24
2,840	3,814	3,414	400	680	3,000	3,680	216	0	216	22	0	22
2,780	3,754	3,354	400	640	3,000	3,640	216	0	216	284	0	290
2,760	3,743	3,343	400	670	3,000	3,670	216	0	216	522	0	534
2,740	3,723	3,323	400	640	3,000	3,640	216	0	216	518	0	530
2,750	3,723	3,323	400	690	3,000	3,690	216	0	216	518	0	530
2,720	3,693	3,293	400	670	3,000	3,670	216	0	216	534	0	545
2,720	3,686	2,684	1,082	620	3,000	3,620	216	0	216	530	0	541

SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERS. NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CAN			
STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL
564	9,636	10,200	7-15	10.82	189		770	850	1,620	76	960	3,000	4,000
592	9,908	10,500	16	10.94	63		790	850	1,640	76	960	3,040	4,000
1,572	8,928	10,500	17	11.04	252	10	1,112	548	1,660	76	960	3,060	4,000
1,188	9,012	10,200	18	11.10	252	10	1,075	575	1,650	77	960	3,090	4,100
1,839	8,361	10,200	19	11.14	253	10	1,406	244	1,650	77	960	3,100	4,100
967	9,233	10,200	20	11.14	254	10	1,332	318	1,650	77	960	3,080	4,100
1,107	8,993	10,100	21	11.12	255	10	1,074	576	1,650	77	960	3,080	4,100
1,696	8,404	10,100	22	11.10	255	10	1,380	270	1,650	80	960	3,090	4,100
1,645	8,455	10,100	23	11.10	252	10	1,170	480	1,650	80	960	2,720	3,700
1,671	8,429	10,100	24	11.14	241	10	1,094	546	1,640	81	960	2,560	3,600
960	9,040	10,000	25	11.14	242	10	1,053	587	1,640	81	960	3,090	4,100
1,139	8,861	10,000	26	11.16	240	10	1,138	502	1,640	81	960	3,080	4,100
1,177	8,823	10,000	27	11.16	253	10	1,150	361	1,640	78	960	3,070	4,100
1,354	8,516	9,870	28	11.10	239	10	1,298	342	1,640	78	960	3,060	4,000
2,903	5,947	9,850	29	11.14	239	10	1,640	0	1,640	78	960	3,060	4,000
3,910	6,000	9,910	30	11.16	236	10	1,640	0	1,640	78	960	3,060	4,000
3,820	6,000	9,820	31	11.12	236	10	1,640	0	1,640	78	970	3,060	4,100
4,373	5,397	9,770	8- 1	11.16	236	10	1,640	0	1,640	77	970	3,080	4,100
4,451	5,309	9,760	2	11.18	239	10	1,630	0	1,630	77	970	3,100	4,100
4,166	5,504	9,670	3	11.16	239	10	1,630	0	1,630	77	970	3,080	4,100
4,362	5,218	9,580	4	11.12	240	10	1,630	0	1,630	74	970	3,080	4,100
4,955	4,665	9,620	5	11.00	240	10	1,630	0	1,630	74	970	3,040	4,000
5,489	4,101	9,590	6	10.96	247	10	1,630	0	1,630	76	970	3,010	4,000
5,845	3,815	9,660	7	10.96	245	10	1,630	0	1,630	73	980	3,030	4,000
5,940	3,770	9,710	8	11.00	245	10	1,630	0	1,630	73	970	3,040	4,000
5,485	4,135	9,620	9	11.08	235	10	1,630	0	1,630	73	970	3,050	4,000
4,723	4,837	9,560	10	11.04	231	10	1,630	0	1,630	73	980	3,020	4,000
4,234	5,296	9,530	11	11.00	231	10	1,620	0	1,620	73	980	3,000	4,000
4,430	5,160	9,590	12	10.96	232	10	1,620	0	1,620	73	980	3,000	4,000
5,559	4,051	9,610	13	10.96	235	10	1,620	0	1,620	73	970	3,000	4,000
5,827	3,753	9,580	14	10.96	230	10	1,630	0	1,630	73	970	2,980	4,000
6,200	3,400	9,600	15	10.93	229	10	1,630	0	1,630	72	970	2,960	4,000
6,320	3,400	9,720	16	10.96	234	10	1,600	0	1,600	72	970	3,000	4,000
6,340	3,400	9,740	17	11.00	239	10	1,580	0	1,580	70	970	3,000	4,000
6,300	3,400	9,700	18	11.00	238	10	1,580	0	1,580	70	960	3,000	4,000
6,340	3,400	9,740	19	11.06	220	10	1,580	0	1,580	67	970	3,000	4,000
6,190	3,400	9,590	20	11.12	216	10	1,540	0	1,540	66	970	2,950	3,900
5,990	3,400	9,390	21	11.10	197	10	1,520	0	1,520	66	950	2,940	3,900
5,990	3,400	9,390	22	11.10	197	10	1,520	0	1,520	66	920	2,920	3,900
6,070	3,400	9,470	23	10.90	203	10	1,520	0	1,520	67	920	2,960	3,900
6,210	3,400	9,610	24	11.00	199	10	1,510	0	1,510	66	930	2,990	3,900
5,900	3,400	9,300	25	11.08	193	10	1,520	0	1,520	66	920	2,920	3,900
5,570	3,400	8,970	26	11.00	189	10	1,520	0	1,520	64	910	2,840	3,800
5,500	3,400	8,900	27	10.90	183	10	1,520	0	1,520	64	910	2,780	3,700
5,860	3,400	9,260	28	10.80	173	10	1,520	0	1,520	63	920	2,760	3,700
5,890	3,400	9,290	29	10.74	173	10	1,520	0	1,520	63	920	2,740	3,700
6,010	3,400	9,410	30	10.80	173	10	1,520	0	1,520	63	910	2,750	3,700
6,010	3,400	9,410	31	10.90	159	10	1,520	0	1,520	63	910	2,720	3,600
5,238	4,082	9,320	9- 1	10.94	152	10	1,520	0	1,520	66	900	2,720	3,600

GAGING STATIONS

1971

BLACKFOOT NEELEY		DATE	AMER. FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-Feet	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS AC. FT.	MINIDOKA CANALS				
STATION	STORED DIVERS.			STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL
		7-13	1,700	0	13,200	13,200	96,600					
46	337	14	1,699	944	12,456	13,400	96,300	1,920	1,440	3,360	540	2,820
34	337	15	1,694	766	12,934	13,700	96,200	1,920	1,450	3,370	344	3,020
34	337	16	1,689	2,146	11,654	13,800	95,700	1,920	1,460	3,380	654	2,720
18	324	17	1,683	1,962	11,738	13,700	94,800	1,920	1,460	3,380	654	2,720
07	298	18	1,683	2,613	11,087	13,700	95,400	1,920	1,460	3,380	654	2,720
09	302	19	1,675	1,641	11,214	13,600	96,400	1,920	1,460	3,380	654	2,720
08	327	20	1,673	1,681	11,719	13,400	95,800	1,920	1,460	3,380	654	2,720
12	326	21	1,696	2,270	11,130	13,400	95,800	1,920	1,460	3,380	654	2,720
12	317	22	1,693	2,219	11,181	13,400	95,800	1,920	1,460	3,380	654	2,720
03	312	23	1,664	2,145	11,155	13,300	96,400	1,920	1,460	3,380	654	2,720
04	308	24	1,661	1,434	11,766	13,200	96,200	1,890	1,450	3,340	614	2,720
14	228	25	1,660	1,713	11,587	13,300	95,700	1,820	1,460	3,280	554	2,720
16	227	26	1,655	1,751	11,280	13,300	95,700	1,820	1,450	3,270	544	2,720
18	284	27	1,652	2,058	11,242	13,300	95,700	1,820	1,460	3,280	554	2,720
00	289	28	1,647	3,627	9,673	13,300	96,400	1,800	1,460	3,260	534	2,720
80	289	29	1,634	5,024	8,176	13,200	96,200	1,680	1,460	3,140	964	2,170
71	289	30	1,623	5,232	7,868	13,100	96,400	1,600	1,460	3,060	1,192	1,860
74	277	31	1,613	5,877	7,123	13,000	96,400	1,580	1,460	3,040	1,314	1,720
3	271	8- 1	1,603	5,965	7,035	13,000	96,400	1,550	1,460	3,010	1,284	1,720
83	266	2	1,592	5,770	7,230	13,000	96,400	1,580	1,460	3,040	1,314	1,720
91	257	3	1,584	5,956	6,944	12,900	96,400	1,580	1,440	3,020	1,294	1,720
82	257	4	1,571	6,509	6,391	12,900	96,400	1,580	1,390	2,970	1,244	1,720
83	255	5	1,558	7,073	5,827	12,900	96,400	1,580	1,380	2,960	1,234	1,720
12	248	6	1,546	7,359	5,541	12,900	96,400	1,580	1,380	2,960	1,234	1,720
01	237	7	1,533	7,404	5,496	12,900	96,400	1,560	1,380	2,940	1,214	1,720
17	188	8	1,520	6,939	5,861	12,800	96,200	1,520	1,380	2,900	1,174	1,720
25	175	9	1,514	6,137	6,345	12,700	96,000	1,550	1,370	2,920	1,194	1,720
33	189	10	1,499	5,678	7,022	12,700	96,000	1,580	1,360	2,940	1,214	1,720
18	189	11	1,485	5,714	6,886	12,600	95,800	1,580	1,370	2,950	1,224	1,720
96	189	12	1,472	6,923	5,777	12,700	95,600	1,590	1,400	2,990	1,264	1,720
05	189	13	1,459	7,221	5,479	12,700	95,400	1,620	1,420	3,040	1,314	1,720
16	189	14	1,444	7,938	4,862	12,800	95,200	1,620	1,400	3,020	1,558	1,460
13	175	15	1,430	8,163	4,737	12,900	95,600	1,620	1,380	3,000	1,663	1,330
14	170	16	1,418	8,727	4,173	12,900	95,800	1,620	1,380	3,000	2,227	770
04	186	17	1,406	8,455	4,445	12,900	96,300	1,650	1,360	3,010	1,965	1,040
00	189	18	1,392	8,101	4,699	12,800	96,600	1,650	1,350	3,000	701	1,290
00	191	19	1,379	8,234	4,366	12,600	97,000	1,640	1,330	2,970	2,004	960
88	191	20	1,366	7,956	4,544	12,500	96,800	1,640	1,300	2,940	1,796	1,140
99	190	21	1,354	8,102	4,198	12,300	97,400	1,640	1,250	2,890	2,092	790
96	165	22	1,340	7,824	4,376	12,200	96,800	1,640	1,210	2,850	1,874	970
18	149	23	1,328	7,902	4,198	12,100	96,400	1,630	1,200	2,830	2,032	790
28	185	24	1,315	7,980	4,020	12,000	96,600	1,600	1,200	2,800	2,180	620
11	177	25	1,303	7,670	3,730	11,400	96,900	1,540	1,190	2,730	2,400	330
22	190	26	1,291	7,656	3,744	11,400	96,800	1,540	1,160	2,700	2,356	340
45	190	27	1,279	7,952	3,648	11,600	97,100	1,500	1,130	2,630	2,382	240
65	187	28	1,269	7,908	3,592	11,500	96,600	1,410	1,120	2,530	2,338	190
62	172	29	1,257	8,296	3,604	11,900	96,600	1,340	1,160	2,500	2,296	200
15	170	30	1,246	8,356	3,744	12,100	96,400	1,260	1,150	2,410	2,066	340
31	161	31	1,233	6,192	5,808	12,000	96,400	1,190	1,090	2,280	554	1,720

DAILY SEGREGATION OF DATA AT AND BETWEEN SNAKE RIVER

24 HOUR SECOND- FEET EXCEPT AS NOTED

SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACK- FOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			TO CALCULATED INFLUX
STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERS.				STORED	NORMAL	TOTAL	
						7-12					
						13				9,610	2,84
						14				10,100	2,83
						15				8,820	2,83
						16				8,920	2,81
						17				8,280	2,80
793	11,107	11,900	48		745	18	312	745	8,405	9,150	2,80
754	11,946	12,700	45		709	19	376	709	8,911	9,620	2,80
800	11,800	12,600	48		752	20	313	752	8,318	9,070	2,81
842	11,358	12,200	51		791	21	273	791	8,369	9,160	2,81
1,316	11,184	12,500	79		1,237	22	275	1,237	8,353	9,590	2,80
1,423	11,577	13,000	85		1,338	23	289	1,338	8,962	10,300	2,80
1,412	11,888	13,300	85		1,327	24	250	1,327	8,773	10,100	2,81
1,740	10,960	12,700	104		1,636	25	309	1,636	8,464	10,100	2,81
1,783	11,117	12,900	107		1,676	26	418	1,676	8,424	10,100	2,81
1,635	10,465	12,100	98		1,537	27	296	1,537	6,873	8,410	2,80
1,479	9,021	10,500	65	370	1,044	28	160	1,044	5,396	6,440	2,78
546	8,264	8,810	15	298	233	29	13	233	5,097	5,330	2,77
1,027	7,343	8,370	36	430	561	30	134	561	4,349	4,910	2,77
1,127	6,763	7,890	41	438	648	31	214	648	4,262	4,910	2,77
1,037	6,693	7,730	42	342	653	8- 1	281	653	4,447	5,100	2,78
1,532	6,338	7,870	78	237	1,217	2	323	1,217	4,153	5,370	2,79
1,401	6,429	7,830	72	208	1,121	3	284	1,121	3,609	4,730	2,78
909	6,001	6,910	41	222	646	4	211	646	3,044	3,690	2,78
1,025	5,325	6,350	47	237	741	5	270	741	2,729	3,470	2,81
847	5,263	6,110	36	246	565	6	347	565	2,695	3,260	2,80
467	5,293	5,760	15	216	236	7	449	236	3,044	3,280	2,81
450	5,250	5,700	18	142	290	8	527	290	3,520	3,810	2,82
238	6,012	6,250	8	99	131	9	634	131	4,189	4,320	2,83
433	6,167	6,600	19	112	302	10	620	302	4,068	4,370	2,81
680	5,450	6,130	31	160	489	11	474	489	2,981	3,470	2,79
575	4,865	5,440	31	58	486	12	490	486	2,674	3,160	2,80
1,227	3,993	5,220	70	53	1,104	13	519	1,104	2,046	3,150	2,81
1,413	3,607	5,020	81	56	1,276	14	526	1,276	1,921	3,200	2,81
2,305	2,885	5,190	135	59	2,111	15	560	2,111	1,350	3,470	2,81
2,342	3,128	5,470	138	45	2,159	16	602	2,159	1,641	3,800	2,80
2,040	3,620	5,660	118	71	1,851	17	587	1,851	1,899	3,750	2,80
2,069	3,401	5,470	123	42	1,904	18	555	1,904	1,566	3,470	2,80
1,780	3,510	5,290	105	31	1,644	19	536	1,644	1,756	3,400	2,78
2,077	3,213	5,290	123	33	1,921	20	520	1,921	1,399	3,320	2,79
1,927	3,343	5,270	113	44	1,770	21	532	1,770	1,580	3,350	2,79
1,900	3,290	5,190	111	39	1,750	22	500	1,750	1,380	3,130	2,81
1,922	3,158	5,080	102	42	1,778	23	436	1,778	1,192	2,970	2,82
2,039	3,081	5,120	120	38	1,881	24	374	1,881	919	2,800	2,81
1,894	3,006	4,900	101	35	1,758	25	329	1,758	922	2,680	2,82
2,070	2,810	4,880	122	41	1,907	26	334	1,907	803	2,710	2,84
2,151	2,669	4,820	126	42	1,983	27	336	1,983	727	2,710	2,86
2,004	2,826	4,830	117	49	1,838	28	260	1,838	742	2,580	2,86
1,830	2,810	4,640	113	46	1,671	29	251	1,671	829	2,500	2,91
672	4,198	4,870	39	20	613	30	435	613	2,877	3,490	2,93

DAILY SEGREGAT

RIVER		IRWIN		HEISE & RILEY			STORED INFLOW HENRYS FORK	HEISE TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY		
L	TOTAL	STOR.	STORED LOSS DIVERS.	STORED	NORMAL	TOTAL		STORED LOSS	STORED DIVERS.		STORED	NORMAL	TOTAL
										7-11			
										12			
										13			
										14			
										15			
										16			
1	17,600	6		793	17,444	18,237				17	793	11,107	11,900
1	18,000	6		793	17,945	18,738	0	39		18	754	11,946	12,700
2	17,900	7		841	17,898	18,740	0	41		19	800	11,800	12,600
8	17,900	7		885	17,853	18,738	0	43		20	842	11,358	12,200
5	17,900	11		1,348	17,555	18,939	0	68		21	1,316	11,184	12,500
2	17,800	12		1,496	17,341	18,837	0	73		22	1,423	11,577	13,000
4	17,600	12		1,484	17,152	18,636	0	72		23	1,412	11,888	13,300
6	16,800	15		1,829	16,006	17,835	0	89		24	1,740	10,960	12,700
0	16,100	15		1,875	15,160	17,035	0	92		25	1,783	11,117	12,900
7	15,300	14		1,719	14,717	16,436	0	84		26	1,635	10,465	12,100
9	14,300	12	0	1,469	13,968	15,437	81	71	0	27	1,479	9,021	10,500
6	13,800	17	5	2,052	12,782	14,834	187	100	1,593	28	546	8,264	8,810
8	13,800	20	5	2,517	12,316	14,833	306	123	1,673	29	1,027	7,343	8,370
	13,800	23	5	2,815	12,018	14,833	296	137	1,847	30	1,127	6,763	7,890
6	13,500	24	10	2,910	11,723	14,633	256	142	1,987	31	1,037	6,693	7,730
3	13,300	27	10	3,310	11,126	14,436	294	162	1,910	8- 1	1,532	6,338	7,870
6	13,300	25	10	3,139	11,297	14,436	238	153	1,823	2	1,401	6,429	7,830
9	12,800	23	10	2,818	11,317	14,135	281	137	2,053	3	909	6,001	6,910
9	12,300	23	10	2,908	10,525	13,433	237	142	1,978	4	1,025	5,325	6,350
0	12,200	23	5	2,812	10,521	13,333	267	137	2,095	5	847	5,263	6,110
2	11,900	20	5	2,513	10,520	13,033	221	123	2,144	6	467	5,293	5,760
2	11,700	21	5	2,562	10,790	12,732	252	125	2,239	7	450	5,250	5,700
1	11,600	19	5	2,315	10,417	12,732	213	113	2,177	8	238	6,012	6,250
0	11,200	17	5	2,058	10,272	12,330	184	100	1,709	9	433	6,167	6,600
0	10,900	17	5	2,058	9,871	11,929	220	100	1,498	10	680	5,450	6,130
7	10,500	17	5	2,101	9,428	11,529	284	103	1,707	11	575	4,865	5,440
7	10,300	20	5	2,458	8,869	11,327	302	120	1,413	12	1,227	3,993	5,220
8	10,300	21	5	2,556	8,671	11,227	335	124	1,354	13	1,413	3,607	5,020
5	10,200	28	0	3,487	7,741	11,228	335	170	1,347	14	2,305	2,885	5,190
4	10,100	27	0	3,329	7,598	10,927	330	162	1,155	15	2,342	3,128	5,470
0	10,100	22		2,768	8,159	10,927	340	135	933	16	2,040	3,620	5,660
0	9,770	23		2,817	7,910	10,727	342	137	953	17	2,069	3,401	5,470
2	9,540	20		2,518	7,713	10,231	256	123	871	18	1,780	3,510	5,290
4	9,370	23		2,863	7,268	10,131	252	140	898	19	2,077	3,213	5,290
6	9,260	21		2,613	7,236	9,849	247	128	805	20	1,927	3,343	5,270
7	8,960	20		2,463	7,246	9,709	255	120	698	21	1,900	3,290	5,190
8	8,720	19		2,373	6,776	9,149	260	116	595	22	1,922	3,158	5,080
7	8,730	20		2,463	6,686	9,149	260	120	564	23	2,039	3,081	5,120
8	8,550	19		2,363	6,746	9,109	262	115	616	24	1,894	3,006	4,900
8	8,400	19		2,383	6,455	8,838	265	116	462	25	2,070	2,810	4,880
7	8,390	20		2,463	6,445	8,908	284	120	476	26	2,151	2,669	4,820
7	8,400	20		2,423	6,405	8,908	286	118	587	27	2,004	2,826	4,830
9	8,210	19		2,223	6,585	8,808	277	109	561	28	1,830	2,810	4,640
7	8,110	8		985	7,612	8,597	279	48	544	29	672	4,198	4,870

JACKSON LAKE CONTENTS AC. FT.	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS ACRE-FEET	SNAKE RIVER NEAR IRWIN		
	STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL
853,400	403	3,757	4,160	7	16	396	13,504	13,900	1,401,200	799	16,801	17,600
852,600	403	3,877	4,280	7	17	396	13,504	13,900	1,400,400	799	17,201	18,000
851,600	504	3,776	4,280	9	18	495	13,605	14,100	1,399,600	848	17,052	17,900
850,800	600	3,670	4,270	10	19	590	13,610	14,200	1,398,900	4,892	17,008	17,900
849,300	650	3,610	4,260	11	20	639	13,061	13,700	1,398,300	1,395	16,505	17,900
847,700	816	3,444	4,260	14	21	802	13,098	13,900	1,396,800	1,508	16,292	17,800
846,700	906	3,354	4,260	15	22	891	12,609	13,500	1,395,400	1,496	16,104	17,600
844,900	1,260	2,990	4,250	21	23	1,239	11,461	12,700	1,394,200	1,844	14,956	16,800
842,400	1,410	2,830	4,240	24	24	1,386	10,714	12,100	1,393,000	1,890	14,210	16,100
839,600	1,660	2,570	4,230	28	25	1,632	9,968	11,600	1,392,000	1,733	13,567	15,300
836,300	1,660	2,560	4,220	28	26	1,632	9,668	11,300	1,391,800	1,481	12,819	14,300
833,200	1,700	2,520	4,220	29	27	1,671	9,329	11,000	1,392,100	2,074	11,726	13,800
829,700	1,970	2,230	4,200	33	28	1,937	8,663	10,600	1,391,300	2,542	11,258	13,800
825,800	2,020	2,170	4,190	34	29	1,986	8,414	10,400	1,390,100	2,843	10,957	13,300
822,300	2,020	2,160	4,180	34	30	1,986	8,014	10,000	1,388,400	2,944	10,556	13,500
817,700	2,020	2,150	4,170	34	31	1,986	7,764	9,750	1,386,500	3,347	9,953	13,300
813,700	2,050	2,110	4,160	35	8- 1	2,015	7,485	9,500	1,383,800	3,174	10,126	13,300
809,400	2,080	2,070	4,150	35	2	2,045	7,215	9,260	1,381,500	2,851	9,949	12,800
805,400	2,120	2,020	4,140	36	3	2,084	7,026	9,110	1,379,900	2,941	9,359	12,300
801,100	2,120	2,010	4,130	36	4	2,084	6,946	9,030	1,378,200	2,840	9,360	12,200
796,800	2,120	1,990	4,110	36	5	2,084	6,856	8,940	1,376,700	2,538	9,362	11,900
793,500	2,120	1,980	4,100	36	6	2,084	6,796	8,880	1,375,800	2,588	9,112	11,700
788,700	2,270	1,710	4,080	39	7	2,231	6,629	8,860	1,374,800	2,339	9,261	11,600
784,200	2,270	1,710	4,080	39	8	2,231	6,679	8,910	1,375,000	2,080	9,120	11,200
779,700	2,270	1,690	4,060	39	9	2,231	6,509	8,740	1,375,300	2,080	8,820	10,900
775,700	2,270	1,670	4,040	39	10	2,231	6,229	8,460	1,375,600	2,123	8,377	10,500
771,200	2,270	1,660	4,030	39	11	2,231	5,989	8,220	1,375,800	2,483	7,817	10,300
766,200	2,370	1,630	4,000	40	12	2,330	5,670	8,000	1,375,300	2,582	7,718	10,300
761,500	2,500	1,470	3,970	43	13	2,457	5,353	7,810	1,374,800	3,515	6,685	10,300
756,200	2,030	1,350	3,380	35	14	1,995	4,915	6,910	1,372,700	3,356	6,744	10,300
752,500	1,710	1,670	2,980	29	15	1,681	4,999	6,680	1,370,000	2,790	7,310	10,300
749,000	1,710	1,290	3,000	29	16	1,681	4,889	6,570	1,367,800	2,840	6,930	9,700
745,800	1,710	1,280	2,990	29	17	1,681	4,789	6,470	1,365,500	2,538	7,002	9,300
742,300	1,860	1,100	2,960	32	18	1,828	4,592	6,420	1,363,800	2,886	6,484	9,300
738,600	1,860	1,090	2,950	32	19	1,828	4,442	6,270	1,361,700	2,634	6,626	9,300
734,900	1,860	1,080	2,940	32	20	1,828	4,292	6,120	1,360,100	2,483	6,477	8,900
731,200	1,870	1,050	2,920	32	21	1,838	4,182	6,020	1,358,800	2,392	6,328	8,700
727,200	1,860	1,050	2,910	32	22	1,828	4,092	5,920	1,357,700	2,483	6,247	8,700
723,500	1,860	1,040	2,900	32	23	1,828	4,122	5,950	1,356,400	2,382	6,168	8,500
720,800	1,880	1,010	2,890	32	24	1,848	3,862	5,710	1,355,300	2,402	5,998	8,400
716,400	1,860	1,020	2,880	32	25	1,828	3,812	5,640	1,354,200	2,483	5,907	8,300
712,700	1,870	1,100	2,970	32	26	1,838	3,842	5,680	1,352,900	2,443	5,957	8,400
708,500	1,870	1,180	3,050	32	27	1,838	3,822	5,660	1,351,700	2,241	5,969	8,300
704,400	1,830	1,210	3,040	31	28	1,799	3,811	5,610	1,350,900	993	7,117	8,300

CANAL COMPANY			TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
3,646	1,535	2,111	550	3,000	3,550	207	0	207	526	0	537
3,626	1,177	2,499	460	3,000	3,460	185	0	185	526	0	537
3,576	921	2,655	350	3,000	3,350	158	0	158	736	0	736
3,506	1,226	2,280	290	3,000	3,290	139	0	139	866	0	866
3,476	176	3,300	0	3,240	3,240	99	36	135	576	0	576
3,402	0	3,402	0	3,240	3,240	0	135	135	503	0	503
3,292	0	3,292	0	3,120	3,120	0	135	135	522	0	522
3,102	0	3,102	0	2,900	2,900	0	135	135	534	0	534
3,042	0	3,042	0	2,820	2,820	0	135	135	534	0	534
3,012	0	3,012	0	2,760	2,760	0	123	123	518	0	518
3,042	0	3,042	0	2,850	2,850	0	119	119	511	0	511
3,000	0	3,000	0	2,820	2,820	0	119	119	530	0	530
3,040	0	3,040	0	2,820	2,820	0	119	119	522	0	522
3,017	0	3,017	0	2,850	2,850	0	119	119	530	0	530
2,966	0	2,966	0	2,890	2,890	0	119	119	534	0	534
2,856	642	2,214	0	2,770	2,770	119	0	119	541	0	541
2,805	380	2,425	0	2,620	2,620	112	0	112	549	0	549
2,695	418	2,277	0	2,580	2,580	105	0	105	553	0	553
2,690	286	2,404	0	2,520	2,520	103	0	103	557	0	557
2,710	397	2,313	0	2,430	2,430	103	0	103	604	0	604
2,689	162	2,527	0	2,320	2,320	103	0	103	507	0	507
2,629	903	1,726	0	2,240	2,240	103	0	103	541	0	541
2,589	259	2,330	0	2,210	2,210	103	0	103	537	0	537
2,497	618	1,879	0	2,170	2,170	103	0	103	530	0	530
2,455	877	1,578	0	2,260	2,260	103	0	103	530	0	530
2,435	1,192	1,243	0	2,300	2,300	103	0	103	561	0	561
2,384	1,165	1,219	0	2,240	2,240	103	0	103	500	0	500
2,283	718	1,565	0	2,220	2,220	103	0	103	1,230	0	1,230
2,123	0	2,123	0	2,160	2,160	0	103	103	2,080	0	2,080
2,013	0	2,013	0	1,890	1,890	0	79	79	2,290	2,290	4,580
1,912	0	1,912	0	1,520	1,520	0	71	71	0	5,800	5,800

112,504

34,434

13,203

26,670

LAKE RIVER AR MINIDOKA		DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERS. NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COM				
NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED
5,111	9,160	9- 2	10.84	137	10	1,520	0	1,520	66	900	2,680	3,646	1,533
5,449	9,260	3	10.70	133	10	1,520	0	1,520	66	910	2,650	3,626	1,177
5,655	9,470	9- 4	11.18	130	10	1,520	0	1,520	66	910	2,600	3,576	92
5,280	9,160	5	11.18	130	10	1,520	0	1,520	66	910	2,530	3,506	1,222
6,576	8,530	6	11.02	124	10	1,520	0	1,520	66	910	2,500	3,476	17
7,184	8,290	7	10.89	128	5	1,033	407	1,440	62	910	2,430	3,402	
7,328	8,470	8	11.10	128	5	599	781	1,380	62	910	2,320	3,292	
6,987	8,170	9	11.24	116	5	530	850	1,380	62	900	2,140	3,102	
6,847	7,710	10	11.30	104	5	530	850	1,380	62	890	2,090	3,042	
6,745	7,310	11	11.20	104	5	530	850	1,380	62	890	2,060	3,012	
6,861	7,230	12	10.93	104	5	530	850	1,380	62	890	2,090	3,042	
6,789	7,170	13	10.72	108	5	540	850	1,390	60	890	2,050	3,000	
6,829	7,320	14	10.41	110	5	540	850	1,390	60	880	2,100	3,040	
6,820	7,670	15	10.54	112	5	556	834	1,390	57	880	2,080	3,017	
6,046	7,740	16	10.80	108	5	1,319	71	1,390	56	880	2,030	2,966	
4,984	7,610	17	11.06	104	7	1,390	0	1,390	56	880	1,920	2,856	64
5,045	7,250	18	11.06	100	7	1,320	0	1,320	55	870	1,880	2,805	38
4,857	6,910	19	11.03	100	7	1,280	0	1,280	55	860	1,780	2,695	4
4,924	6,880	20	11.15	91	7	1,280	0	1,280	50	860	1,780	2,690	28
4,743	6,810	21	11.19	91	7	1,290	0	1,290	50	860	1,800	2,710	39
4,847	6,460	22	11.19	89	7	1,290	0	1,290	49	850	1,790	2,689	16
3,966	6,250	23	11.03	82	7	1,290	0	1,290	49	850	1,730	2,629	90
4,540	6,160	24	10.90	79	7	1,290	0	1,290	49	850	1,690	2,589	25
4,049	6,090	25	10.64	79	7	1,290	0	1,290	47	850	1,600	2,497	61
3,838	6,160	26	10.52	79	7	1,290	0	1,290	45	840	1,570	2,455	87
3,543	6,150	27	10.58	68	7	1,290	0	1,290	45	840	1,550	2,435	1,19
3,459	6,340	28	10.75	72	7	1,290	0	1,290	34	850	1,500	2,384	1,16
3,585	6,790	29	10.78	76	7	1,290	0	1,290	33	840	1,410	2,283	71
4,389	7,240	30	11.03	72	7	1,287	3	1,290	33	840	1,250	2,123	
4,581	7,600	10-1	10.95	55	7	691	300	1,290	33	850	1,130	2,013	
5,003	8,090	2	10.84	43	7	370	850	1,220	22	840	1,050	1,912	

14,030 1,172 104,464

112,50

G STATIONS

1971

ED S.	DATE	AMER. FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-FEET	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS AC. FT.	MINIDOKA CANALS					ST NEA
			STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED
9- 1		1,228	5,063	6,837	11,900	96,400	1,200	1,040	2,240	514	1,726	4,049
2		1,220	4,625	7,175	11,800	97,400	1,200	1,020	2,220	494	1,726	3,811
3		1,220	4,219	7,381	11,600	97,800	1,170	1,010	1,180	454	1,726	3,815
4		1,219	3,694	7,006	10,700	99,300	1,000	940	1,940	214	1,726	3,880
5		1,221	1,497	8,423	9,920	98,800	958	889	1,847	0	1,847	1,954
6		1,220	682	9,028	9,710	98,800	994	850	1,844	0	1,844	1,106
7		1,226	621	9,119	9,740	97,100	956	835	1,791	0	1,791	1,142
8		1,232	733	8,607	9,340	97,400	836	784	1,620	0	1,620	1,183
9		1,238	321	8,369	8,690	97,100	790	732	1,522	0	1,522	863
10		1,244	0	8,220	8,220	96,400	788	687	1,475	0	1,475	565
11		1,250	-212	8,312	8,100	96,000	783	668	1,451	0	1,451	369
12		1,255	-132	8,282	8,150	95,200	783	710	1,493	0	1,493	381
13		1,256	292	8,408	8,700	94,400	819	760	1,579	0	1,579	491
14		1,285	695	8,475	9,170	94,400	838	817	1,655	0	1,655	850
15		1,290	1,689	7,701	9,390	93,600	838	817	1,655	0	1,655	1,694
16		1,271	2,789	6,611	9,370	94,200	843	784	1,627	0	1,627	2,656
17		1,265	2,288	6,632	8,920	94,700	841	746	1,587	0	1,587	2,205
18		1,264	2,260	6,350	8,610	94,500	783	710	1,493	0	1,493	2,05
19		1,263	2,066	6,354	8,420	95,200	759	671	1,430	0	1,430	1,956
20		1,271	2,028	6,202	8,230	95,700	783	676	1,459	0	1,459	2,067
21		1,269	2,376	6,274	8,650	96,200	748	679	1,427	0	1,427	1,613
22		1,273	2,079	5,391	7,470	96,200	746	679	1,425	0	1,425	2,284
23		1,276	1,325	5,965	7,290	96,200	746	679	1,425	0	1,425	1,620
24		1,278	1,738	5,472	7,210	95,700	744	679	1,423	0	1,423	2,04
25		1,280	1,924	5,286	7,210	95,400	766	682	1,448	0	1,448	2,327
26		1,280	2,178	5,032	7,210	95,400	805	684	1,489	0	1,489	2,607
27		1,281	2,612	4,948	7,560	94,100	805	684	1,489	0	1,489	2,88
28		1,283	2,975	5,077	8,050	94,100	808	684	1,492	0	1,492	3,20
29		1,284	2,506	5,884	8,390	93,200	808	687	1,495	0	1,495	2,85
30		1,285	2,632	6,028	8,660	93,700	757	690	1,447	0	1,447	3,01
10- 1		1,292	2,970	6,270	9,240		618	649	1,267	0	1,267	3,08

338,464

64,748

270,49

SEGREGATION OF DATA AT AND BETWEEN SNAKE RIVER GAGING

24 HOUR SECOND-FEET EXCEPT AS NOTED

SNAKE RIVER AT SHELLEY		SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACK- FOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY	
NORMAL	TOTAL	STORED LOSS	STORED DIVERS.				STORED	NORMAL	TOTAL	CALCUL. INFLOW	STORED DIVER
5,014	5,870	48	54	754	8-31	594	754	3,866	4,620	2,971	144
5,507	6,730	70	55	1,098	9- 1	554	1,098	4,222	5,320	2,953	139
5,947	7,270	78	27	1,218	2	538	1,218	4,392	5,610	2,989	135
5,117	5,440	137	37	2,149	3	584	2,149	3,971	6,120	3,035	92
6,041	7,700	97	36	1,526	4	566	1,526	5,264	6,790	3,159	43
6,400	8,150	103	12	1,635	5	648	1,635	5,825	7,460	3,203	37
6,452	8,590	128	2	2,008	6	649	2,008	5,872	7,880	3,247	37
5,830	8,690	172	0	2,688	7	580	2,688	5,492	8,180	3,310	37
5,888	8,780	173	0	2,719	8	748	2,719	5,881	8,600	3,309	37
6,575	8,990	145	0	2,270	9	692	2,270	6,530	8,800	3,285	37
6,586	9,070	149	0	2,335	10	659	2,335	6,435	8,770	3,292	23
6,343	8,980	158	0	2,479	11	640	2,479	6,151	8,630	3,289	18
5,844	8,850	180	0	2,826	12	567	2,826	5,634	8,460	3,368	18
5,691	8,810	187	0	2,932	13	453	2,932	5,248	8,180	3,227	32
5,342	8,610	196	0	3,072	14	249	3,072	4,488	7,560	3,213	37
4,531	8,280	226	0	3,523	15	233	3,523	3,447	6,970	3,164	37
4,382	7,940	213	0	3,345	16	279	3,345	3,475	6,820	3,157	37
4,131	7,830	222	0	3,477	17	323	3,477	3,163	6,640	3,187	37
3,957	7,560	216	0	3,387	18	284	3,387	3,143	6,530	3,211	37
3,778	7,530	225	0	3,527	19	270	3,527	3,003	6,530	3,199	37
3,931	7,540	217	0	3,392	20	279	3,392	3,078	6,470	3,196	37
3,153	7,440	257	0	4,030	21	322	4,030	2,210	6,240	3,181	37
3,597	7,110	210	0	3,303	22	360	3,303	2,817	6,120	3,148	37
3,166	6,990	229	0	3,595	23	342	3,595	2,295	5,890	3,177	37
3,079	6,700	223	0	3,488	24	299	3,488	2,142	5,630	3,144	37
2,834	6,630	227	0	3,569	25	287	3,569	1,901	5,470	3,131	37
2,633	6,480	231	0	3,616	26	311	3,616	1,844	5,460	3,104	37
2,672	6,470	228	0	3,570	27	295	3,570	1,950	5,520	3,127	37
3,448	6,480	182	0	2,850	28	325	2,850	2,760	5,610	3,124	23
3,545	6,340	168	1	2,627	29	358	2,627	2,883	5,510	3,145	18
3,205	6,280	184	2	2,891	30	402	2,891	3,109	6,000	3,161	18

8,781

4,827

137,926

137,929

12,951

DAILY SEGR

RIVER IRWIN		IRWIN TO HEISE		HEISE & RILEY			STORED INFLOW HENRYS FORK	HEISE TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY	
VAL	TOTAL	STOR.	STORED LOSS DIVERS.	STORED	NORMAL	TOTAL		STORED LOSS	STORED DIVERS.		STORED	NORMAL
957	8,100	9	0	1,134	7,604	8,738	292	55	515	8-30	856	5,014
786	8,100	10	0	1,304	7,464	8,768	292	64	309	31	1,223	5,507
477	8,110	13	0	1,620	7,188	8,808	68	79	286	9- 1	1,323	5,947
539	8,120	20	0	2,461	6,346	8,807	90	120	108	2	2,323	5,117
535	8,160	13	0	1,612	7,296	8,908	223	79	97	3	1,659	6,041
413	8,140	14	0	1,713	7,295	9,008	218	84	97	4	1,750	6,400
043	8,160	17	0	2,100	6,978	9,078	231	102	91	5	2,138	6,452
372	8,190	22	0	2,796	6,302	9,098	254	136	54	6	2,860	5,830
382	8,200	22	0	2,796	6,292	9,088	264	136	32	7	2,892	5,888
928	8,210	18	0	2,264	6,924	9,188	268	111	6	8	2,415	6,575
890	8,230	19	0	2,321	6,867	9,188	281	113	5	9	2,484	6,586
733	8,220	20	0	2,467	6,693	9,160	295	120	5	10	2,637	6,343
375	8,260	23	0	2,862	6,300	9,162	284	140	0	11	3,006	5,844
277	8,260	24	0	2,959	6,203	9,162	304	144	0	12	3,119	5,691
119	8,260	25	0	3,116	6,046	9,162	304	152	0	13	3,268	5,342
606	8,300	30	0	3,664	5,498	9,162	264	179	0	14	3,749	4,531
829	8,320	28	0	3,463	5,699	9,162	264	169	0	15	3,558	4,382
670	8,310	29	0	3,611	5,481	9,092	264	176	0	16	3,699	4,131
792	8,330	28	0	3,510	5,579	9,089	264	171	0	17	3,603	3,957
590	8,330	30	0	3,710	5,376	9,086	264	181	41	18	3,752	3,778
771	8,360	29	0	3,560	5,526	9,086	264	174	41	19	3,609	3,931
056	8,350	34	0	4,260	4,866	9,126	264	208	29	20	4,287	3,153
892	8,370	28	0	3,450	5,636	9,086	264	168	33	21	3,513	3,597
583	8,390	30	0	3,777	5,279	9,056	264	184	33	22	3,824	3,166
677	8,390	30	0	3,683	5,303	8,986	264	180	56	23	3,711	3,079
603	8,420	30	0	3,787	5,199	8,986	264	185	70	24	3,796	2,834
511	8,430	31	0	3,888	5,068	8,956	264	190	115	25	3,847	2,633
564	8,430	31	0	3,835	5,135	8,970	264	187	114	26	3,798	2,672
291	8,460	25	0	3,144	5,856	9,000	264	153	223	27	3,032	3,448
051	7,970	23	0	2,896	5,864	8,760	264	141	224	28	2,795	3,545
419	7,590	25	0	3,146	4,854	8,000	264	154	181	29	3,075	3,205

8,912

189,913

16,876 9,225 46,030

TOTAL 151,534

DATE	JACKSON LAKE CONTENTS AC. FT.	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS ACRE- FEET	SNAKE RIVER NEAR IRWIN		
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL
28	700,400	1,470	1,560	3,030	25	8-29	1,445	4,595	6,040	1,352,500	1,143	6,957	8
29	697,500	1,490	1,540	3,030	25	30	1,465	5,035	6,500	1,353,100	1,314	6,786	8
30	695,800	1,610	1,410	3,020	27	31	1,583	4,687	6,270	1,353,400	1,633	6,477	8
31	692,600	1,960	1,050	3,010	33	9- 1	1,927	4,113	6,040	1,353,300	2,481	5,639	8
1	688,700	1,960	1,030	2,990	33	2	1,927	3,903	5,830	1,352,200	1,625	6,535	8
2	684,600	1,910	1,160	3,070	32	3	1,878	4,392	6,270	1,352,800	1,727	6,413	8
3	681,900	2,000	1,140	3,140	34	4	1,966	4,454	6,420	1,353,100	2,117	6,043	8
4	678,000	2,200	910	3,110	37	5	2,163	4,007	6,170	1,352,800	2,818	5,372	8
5	673,100	2,200	890	3,090	37	6	2,163	3,857	6,020	1,351,500	2,818	5,382	8
6	668,300	1,860	1,220	3,080	32	7	1,828	4,052	5,880	1,350,200	2,282	5,928	8
7	664,600	1,560	1,510	3,070	26	8	1,534	4,316	5,850	1,349,300	2,340	5,890	8
8	661,500	1,710	1,350	3,060	29	9	1,681	449	5,730	1,347,700	2,487	5,733	8
9	658,100	1,960	1,160	3,120	33	10	1,927	3,833	5,760	1,346,100	2,885	5,375	8
10	254,200	2,060	1,100	3,160	35	11	2,025	3,685	5,710	1,344,200	2,983	5,277	8
11	650,100	2,170	980	3,150	37	12	2,133	3,507	5,640	1,342,300	3,141	5,119	8
12	645,800	2,220	920	3,140	38	13	2,182	3,338	5,520	1,340,300	3,694	4,606	8
13	641,400	2,270	860	3,130	39	14	2,231	3,219	5,450	1,337,300	3,491	4,829	8
14	636,900	2,370	740	3,110	40	15	2,330	3,120	5,450	1,334,800	3,640	4,670	8
15	631,600	2,420	680	3,100	41	16	2,379	3,041	5,420	1,332,200	3,538	4,792	8
16	627,000	2,420	670	3,090	41	17	2,379	3,041	5,420	1,329,900	3,740	4,590	8
17	622,200	2,420	660	3,080	41	18	2,379	3,021	5,400	1,327,200	3,589	4,771	8
18	617,400	2,420	650	3,070	41	19	2,379	3,021	5,400	1,324,800	4,294	4,056	8
19	612,600	2,000	850	2,850	34	20	1,966	3,124	5,090	1,321,000	3,478	4,892	8
20	609,100	1,360	830	2,190	23	21	1,337	3,263	4,600	1,318,000	3,807	4,583	8
21	606,400	1,060	750	1,810	18	22	1,042	3,238	4,280	1,313,100	3,713	4,677	8
22	604,300	960	670	1,630	16	23	944	3,056	4,000	1,307,800	3,817	4,603	8
23	602,400	860	570	1,430	15	24	845	2,935	3,780	1,302,100	3,919	4,511	8
24	600,700	600	630	1,230	10	25	590	2,980	3,570	1,296,000	3,866	4,564	8
25	599,500	250	790	1,040	4	26	246	3,124	3,370	1,289,500	3,169	5,291	8
26	599,000	200	704	904	3	27	197	3,043	3,240	1,283,700	2,919	5,051	7
27	598,600	150	679	829	3	28	147	2,973	3,120	1,278,300	3,171	4,419	7
TOTAL		128,572			2,185		126,387				191,554		

PLATE NO. 14

RESERVOIR EQUIVALENT ACRE FEET	AMERICAN FALLS ACRE FEET	JACKSON AC. FT.	PALISADES AC. FT.	RENTALS (1) AC. FT.	OTHER RIGHTS AC. FT.	TOTAL SUPPLY AC. FT.
218	233			45	(2) 6,490	6,545
466	497	673	1,589	1,550		3,812
10,995	11,728	12,485	7,209	28,500	(2) 300	48,494
2,630	2,805		2,000	9,400	(2) 100	11,700
159	170	8,923	11,252	19,600	(2) 30	39,805
280	299				(2) 480	480
85	91			1,440		1,440
0	0				(2) 240	240
887	946			250		250
36	38				(2) 60	60
313	334				(2) 600	600
5,873	6,265	12,025	11,943	23,500	(2) 335	47,813
206	220				(2) 400	400
8,888	9,481	2,649	3,530	15,700	(2) 4,559	26,463
26	28				(2) 454	454
15,065	16,070	9,496	10,603	31,400	(2) 15	51,514
861	918			800	(2) 250	1,050
0	0				(2) 1,100	1,100
177	189		1,040	1,600		2,640
274	292			800		800
8	9		4,000	6,300	(2) 900	11,650
16	17	3,868	5,234	7,850		16,952
2,059	2,196	2,549	1,472	3,150		7,171
99	106			4,700	(2) 130	4,830
18	19				(2) 420	420
10	11				(2) 890	890
1,224	1,306			6,300	(2) 210	6,510
0	0			4,700		4,700
228	243	886	511	1,200		2,597
1,089	(3) 1,162			6,000	(2) 200	6,200
1,117	1,192			5,500		5,500
528	563			1,200		1,200
292	311				(2) 375	375
137	146					0
0	0	4,666	2,695	44,000		51,361
0	0	13,459	7,771	15,250		36,480
301	321	191	110		(2) 720	1,021
42	45	21	12		(2) 222	255
1,000	1,067	50	384	4,190	(2) 480	5,104
8,470	9,035	22,911	13,230	58,800		94,941
14,067	15,005	25,731	19,857	(4) 33,750	(2) 2,450	81,989
1,111	1,185	2,006	2,659	5,600	60	10,325
0	0	6,047	3,491	6,000		15,538
8,097	8,637	26,367	30,225	35,300		91,892
4,114	4,388				1,915	17,185
91,503	97,608	155,003	140,817	384,330	2,861	714,201

DIVERSIONS — MAIN RIVER

1971

24 HOUR SECOND — FEET EXCEPT AS NOTED

M E M B E R														No.	T O T A L	
15	16	17	18	19	20	21	22	23	24	25	26	27	28		SEC. FEET	ACRE FEET
														1	110	218
														2	235	466
						0	24	24	24	23	23	24	0	3	5,543	10,995
														4	1,326	2,630
														5	80	159
0	6	6	5	5	5		5	2	0					6	141	280
														7	43	85
														8	0	0
														9	447	887
	1	1	0	1	1									10	18	36
0	10	10	0											11	158	313
														12	2,961	5,873
														13	104	206
							0	17	54	54	132	132	105	14	4,481	8,888
														15	13	26
									9	9	37	37	37	16	7,595	15,065
														17	434	861
														18	0	0
														19	89	177
														20	138	274
														21	4	8
														22	8	16
														23	1,038	2,059
0	1	1	0											24	50	99
														25	9	18
														26	5	10
														27	617	1,224
												0	8	28	0	0
														29	115	228
														30	549	1,089
														31	563	1,117
												0	8	32	266	528
0	0	3	0	0	4	4	4	4	5	5	6	6	6	33	147	292
			3	3	3	3	3	3	3	3	0			34	69	137
														35	0	0
														36	0	0
														37	152	301
														38	21	42
														39	504	1,000
														40	4,270	8,470
														41	7,092	14,067
														42	560	1,111
														43	0	0
														44	4,082	8,097
														45	2,074	4,114
0	41	41	29	33	33		56	70	115	114	223	224	181	46	46,130	91,503

24 HOUR SECOND - FEET

		S E P T E M B E R																			
	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
4	4	3	4	4	4	0															
				0	1	1	0										0	6	6	5	
0	0																	1	1	0	
0																	0	10	10	0	
0																					
0	33	17	7	7	0																
7	0																				
0	7	0	2	0																	
	1																				
3	0																0	1	1	0	
0																					
0	0					0	7	0													
0	0	4	4	5	7	2	0												0	0	
			0	3	3	5	5	3	2	2	0					0	0	3	3	3	
0	0																				
0	75	54	50	48	46	16	0														
5	35	0																			
9	91	0	0																		
0	40	30	30	30	30	30	20	3	3	3	0							20	20	20	
9	286	108	97	97	91	54	32	6	6	6	0							0	41	41	29

AUGUST

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
5	5	5	5	0															
5	5	3	3	4	3	3	3	7	7	5	5	5	5	5	4	4	4	4	3
368	297	293	193	182	165	167	165	0	0	34	29	4	6	20	15	1	2	0	
8																			
7	7	0	5	5	8	5	5	5	5	5	5	5	6	6	0				
11	8	0	1	0															
10	21	22	20	22	15	14	13	4	5	6	0	0	0	3	0	0	2	2	2
0	0																		
4	3	5	5	5	5	0	5	6	5	5	5	5	0	2	0	3	2	3	3
145	163	143	137	126	77	10	0												
0	6	6	6	6	5	3	2	2	2	2	2	2	2	3	1	5	4	3	3
116	183	178	153	135	99	97	79	75	86	78	63	61	61	66	37	85	88	102	96
0	2	2	3	3	2	0													
99	259	259	259	259	239	229	229	229	229	219	181	158	158	168	64	142	154	136	126
17	18	17	17	17	14	14	1	14	14	14	0	0	0	2	2	6	7	8	7
0																			
							0	1	1	1	0								
									0	8	0								
55	42	20	17	12	12	15	13	37	42	37	37	3	0						
1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
						0	2	1	0										
						0	3	0										0	1
3	23	12	32	32	32	17	3	4	4	0									
0	9	0				0	5	4	4	6	6	5	6	9	3	1	7	0	
0	52	20	24	24	11	17	10	11	11	17	0								
53	57	37	33	37	0	0													
6	8	10	16	7	4	3	3	3	4	0	4	4	4	6	5	4	5	5	5
5	5	5	5	5	5	2	0												
1	0																		
7	8	7	8	0	7	8	7	8	0										
0																			
15	15	14	14	13	13	12	12	13	15	0	12	12	6	6	7	8	8	8	8
140	140	50	70	90	90	0	0	30	80	40	0								
242	200	166	200	221	224	226	167	194	178	135	125	124	125	121	111	110	103	99	105
						0	35	35	35	35	35	35	35	35	35	35	35	35	35
125	122	90	79	88	71	37	131	125	111	113	129	131	109	123	137	131	125	115	109
50	50	50	50	50	50	50	50	50	50	50	50	40	40	40	40	40	40	40	40
1498	1707	1413	1354	1347	1155	933	953	871	898	805	698	595	564	616	462	476	587	561	544

C A N A L S	No.	J U L Y					1	2	3	4	5	6	7	8	9
		27	28	29	30	31									
Swan Valley Users	1	5	5	5	10	10	10	10	10	5	5	5	5	5	5
Valley	2	10	9	9	9	12	12	11	9	9	9	8	8	6	5
Progressive Irrig. Dist.	3	161	163	220	222	215	237	233	259	367	358	397	399	371	368
Farmers Friend	4		68	110	108	124	108	112	112	108	104	135	87	0	8
Enterprise	5	6	13	14	14	11	11	11	0						
Nelson	6	5	0	0						0	5	5	5	6	7
Mattson Craig	7									1	1	0	11	10	11
Kmsberger	8														
Butler Island	9	24	24	24	25	24	23	21	20	21	20	20	20	20	10
Mass & Rand	10	1	2	2	2	3	0	0	1	1	0	1	1	0	0
Steele	11	6	4	4	5	5	0	5	3	8	9	7	8	0	4
Harrison	12	125	174	172	172	175	169	169	175	166	172	172	151	151	145
Cheney	13	8	2	2	2	2	0	2	2	3	3	3	3	3	0
Rudy	14	118	119	122	115	130	146	146	156	163	163	169	171	171	116
White & Nord	15										0	1	0		0
Burgess	16	259	249	269	269	269	279	299	249	269	269	269	279	279	99
Clark & Edwards	17	26	19	15	14	16	16	16	16	21	19	20	20	16	17
Butler Island No. 2	18														
Lowder	19	14	13	12	11	9	9	8	13						
East Labelle	20	34	4	4	3	10	10	10	8	10	9	11	11	11	0
Penrydell	21						0	4	0						
Penroot	22														
Leid	23	65	62	53	66	65	39	57	50	47	52	60	57	23	55
Texas & Liberty Park	24	13	7	0	0	1	1	1	1	1	1	1	1	1	1
Nelson Corey	25	1	0												
Mill-Pettinger	26														
Rigby	27	10	22	22	51	0	0	66	49	49	57	57	63	9	3
Island	28														
Hilts	29	5	3	1	0	0	4	5	4	5	4	8	4	7	0
West Labelle & Long Island	30	17	36	36	37	11	24	24	14	27	40	20	33	33	0
Marks & Lewisville	31	25	29	27	47	67	0	29	0	5	15	47	55	0	53
North Rigby	32	10	8	8	6	6	8	2	8	15	18	20	19	12	6
White	33	6	6	6	6	6	5	6	2	0			0	5	5
Hamwell	34	0	3	3	3	3	1	1	1	1	1	0	0	1	1
Butte & Market Lake	35	0													
Good	36	0													
Dear Island	37	8	7	8	7	2	0	8	7	8	7	8	7	8	7
Smith	38							3	3	3	3	3	3	3	0
Kennedy	39	20	24	26	27	26	25	25	23	20	20	21	21	15	15
Idaho	40	240	230	370	330	230	240	300	300	300	300	280	280	140	140
Sw Sweden	41	220	230	263	296	298	290	299	255	237	253	266	260	245	242
Martin	42														
Woodville	43	0													
Lake River Valley	44	111	88	0	95	145	106	120	178	170	172	170	145	108	125
Miscellaneous	45	40	40	40	40	40	50	50	50	50	50	50	50	50	50
TOTAL HEISE TO SHELLEY	46	1593	1673	1847	1987	1910	1823	2053	1978	2095	2144	2239	2177	1709	1498

PLATE NO 14A

ACRE FEET	RESERVOIR EQUIVALENT ACRE FEET	AMERICAN FALLS ACRE FEET	JACKSON AC. FT.	PALISADES AC. FT.	RENTALS (1) AC. FT.	OTHER RIGHTS AC. FT.	TOTAL SUPPLY AC. FT.
0	0				(5) -100	(2) 100	0
137	146	12,763	7,370	4,050			24,183
1,002	1,069			11,750			11,750
1,305	1,392	21,415	20,365	35,000			76,780
2,380	2,539	55,591	74,626	152,800		(6) -55	282,962
0	0	3,396	1,961	6,300			11,657
952	1,015			1,500			1,500
1,228	1,310			2,350			2,350
65	69	1,314	758	3,200			5,272
516	550			600			600
1,150	1,227			2,350		(7) -294	2,056
839	895			700		(7) +294	994
9,574	10,212	94,479	105,080	220,600	-100	45	420,104
12,359		47,700		83,900			131,600
12,830		23,300		40,900		-1,371	62,829
28,428		241,505	186,030	74,200		(8) 128,600	630,335
2,325					1,150	2,330	34,800
27,829		47,593		90,800			138,393
207,204		400,000		1,000			401,000
223,152		438,360	312,007	116,600			866,967
68,300		151,185	97,183				248,368
26,188		45,687		44,500	820		91,007
35,786		45,000					45,000
				(9) 34,440			34,440
						(10) 5,416	5,416
345,978		1,689,812	841,117	(11) 1,091,270	4,731	166,210	3,824,450

om Water District No. 01
 adades Water Users Inc.
 ile, 194 A.F.; Long Island, 968
 2,350 A.F. to West Side Mutual
 is rented 750 A.F.; W.D. 01 rented 850 A.F.
 an Service
 to Aberdeen Pump
 from Watson to Parsons
 ott 96,600 A.F.; Gain Neeley to Milner 32,000 A.F.
 3,000 A.F. other 1,440 A.F.
 various individuals through Water District 01
 include following allotments:
 of Pocatello 50,000 A.F.
 Simplot 2,500 A.F.
 aco 5,000 A.F.
 adades Water Users 50,230 A.F.

1971

SEPTEMBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	No.	TOT SEC. FEET
																47	0
																48	69
																49	505
																50	658
																51	1,200
																52	0
													0	1	2	53	480
																54	619
																55	33
																56	260
																57	580
																58	423
													0	1	2	59	4,827
	0	2	5	43	44	44	46	46	47	24	18	16	20	8	8	60	6,483
36	36	36	36	36	36	36	36	36	36	36	36	36	36	22	17	61	6,468
																62	64,748
																63	1,172
																64	14,030
																65	104,464
																66	112,504
																67	34,434
																68	13,203
522	530	534	541	549	553	557	604	507	541	537	530	530	561	550	550	69	18,042
																70	
																71	
GRAND TOTALS																	

NOTES:

- (1) Rented fr
 - (2) From Palis
 - (3) West Lab
 - (4) Includes
 - (5) Individual
from Indi
 - (6) Transfer
 - (7) Transfer
 - (8) Lake Walce
 - (9) Wyoming 33
 - (10) Rented to
 - (11) Does not
- City of
J. R.
Westva
Palisa

24 HOUR SECOND- FEET EXCEPT AS NOTED

[illegible]

AUGUST

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
34 46 80	0 46 20	0 54 0	58	32 58	34 1	43 0	32 0	34 0	12 3	14 8	0 1	1 1	1 1	0					
7 17	10 22	11 0	14 1	11 20	0 2		13	13	0 18	14 16	6 16	0 18		16	15	15	13	0 13	4 13
1 22 9	18 20 6	16 9 9	16 13 10	14 13 10	6 7 8	0 4 6		5 5 7	5 5 7	10 9	8 11	3 9	3 8	11 14	8 13	5 12	5 14	5 12	5 14
216 126 110	142 83 99	99 78 96	112 92 96	160 92 96	58 92 96	53 92 96	56 92 96	59 94 80	45 94 75	71 94 91	42 92 96	31 94 96	33 94 96	44 93 96	39 84 80	42 74 74	38 94 90	35 81 95	41 94 95

[illegible]

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
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FALL RIVER CANALS

YELLOWSTONE																																0
MARYSVILLE																																0
TOTAL ABOVE SQUIRREL																																0
FARMERS OWN																																0
ALMY																																0
ENTERPRISE																																0
BELL	0	1	2	1	0																											0
FALL RIVER			0	84	82	84	84	78	77	75	168	128	128	126	129	129	129	133	134	189	228	233	258	287	200	189	222	258	266	275		4,442
MC BEE																																0
CHESTER	50	58	58	60	62	63	64	64	64	64	82	97	96	94	94	90	86	86	82	78	78	82	87	88	90	95	100	100	100	71	2,480	
SILKEY	8	8	8	8	8	8	7	7	8	8	10	13	13	14	14	14	15	15	14	13	13	18	23	23	23	24	25	26	26	20	14	448
CURR	25	25	25	26	28	28	29	29	40	40	41	42	39	36	36	40	44	44	44	44	44	45	46	46	45	44	45	46	46	38	1,196	
TOTAL SQUIRREL TO CHESTER	91	92	93	179	180	183	184	178	189	187	241	282	276	270	273	273	274	274	273	324	373	389	414	443	358	354	394	430	434	402	8,576	

HENRYS FORK CANALS

DEWEY	31	31	31	31	31	28	25	25	16	16	18	20	20	19	19	16	14	14	15	16	16	16	17	17	17	17	14	12	12	12	18	604
LAST CHANCE	39	39	39	39	39	39	40	40	42	42	44	45	50	54	54	56	58	58	58	58	58	64	70	70	79	88	86	83	83	83	80	1,777
CROSS CUT	39	39	39	39	39	38	43	47	47	35	35	23	27	37	47	46	44	44	43	41	41	57	73	73	93	113	148	181	181	171	2,112	
ST. ANTHONY UNION	353	353	411	425	423	422	421	429	441	450	461	463	489	480	501	518	516	494	494	457	468	478	474	476	486	530	569	586	478	599	1,714	
FARMERS FRIEND	53	53	53	51	49	49	49	55	70	98	99	115	124	134	161	193	210	215	215	209	205	205	203	216	221	233	249	249	247	247	4,772	
TWIN GROVES	39	39	39	41	43	44	45	42	51	58	79	68	88	107	112	125	146	139	172	183	178	164	181	187	196	202	203	206	196	196	3,747	
SALEM UNION	554	554	612	626	623	635	627	638	655	875	888	900	1010	1006	1099	1180	1234	1187	1214	1201	1226	1258	1277	1306	1359	1472	1537	1602	1504	1618	33,103	
TOTAL ASHTON TO ST. ANTHONY	554	554	612	626	623	635	627	638	655	875	888	900	1010	1006	1099	1180	1234	1187	1214	1201	1226	1258	1277	1306	1359	1472	1537	1602	1504	1618	33,103	
EGIN	214	214	214	218	221	224	228	228	260	260	272	285	293	301	301	316	332	332	324	326	326	341	341	356	378	406	429	452	450	409	9,688	
ST. ANTHONY UNION FEEDER	67	67	74	77	75	74	74	76	78	80	81	82	84	84	83	86	85	81	78	75	77	79	80	86	86	85	90	92	90	92	2,501	
INDEPENDENT	272	272	287	287	285	289	293	304	314	318	300	302	340	336	366	364	392	392	338	321	332	342	340	340	361	392	303	338	372	356	10,087	
CONSOLIDATED FARMERS									0	95	95	100	102	174	178	166	155	155	180	206	206	214	221	240	290	360	370	380	380	380	295	5,220
TOTAL ST. ANTHONY TO REXBURG	553	553	577	582	581	587	595	608	747	933	753	813	908	899	928	944	914	910	925	928	941	976	982	997	1115	1213	1279	1252	1262	1271	2,749	2,749

TETON RIVER CANALS

SIDDOWAY																															
WILFORD					0	33	66	68	70	70	60	60	70	73	73	76	79	79	75	71	62	53	63	114	174	185	196	196	122	248	2,864
TETON IRRIGATION																															
GOOD LUCK																															
PIONEER																															
STEWART																															
PINCOCK - BYINGTON																															
PINCOCK - GARNER																															
GARDNER																															
TETON ISLAND FEEDER	133	133	133	133	85	37	30	42	42	42	42	44	45	45	184	323	323	294	266	304	341	391	408	475	475	494	513	513	536	560	7,896
NORTH SALEM	9	9	9	9	11	13	13	13	13	13	13	16	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	3,371
ROXANA																															
ISLAND WARD	48	48	48	48	53	50	57	56	56	58	58	60	61	61	62	64	64	58	53	39	25	25	32	37	37	52	64	64	72	81	1,684
WOODMANSEE-JOHNSON					0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	215
EAMES-THOMPSON																															
MC CORMICK-ROWE																															
CITY OF REXBURG																															
REXBURG IRRIGATION																															
SAUREY-SOMMERS																															
TOTAL TETON RIVER	190	190	190	190	186	183	178	191	191	295	341	336	459	483	649	845	846	825	787	774	765	792	964	1116	1120	1183	1224	1235	1227	1423	20,822

HENRY'S FORK CANALS

TETON RIVER CANALS

SIDDOWAY	9	14	14	14	13	13	14	14	15	13	11	13	14	18	14	14	14	14	14	13	16	14	12	12	10	10	12	12	17	21	22	
WILFORD	162	174	174	178	183	186	189	218	258	253	248	244	258	258	273	228	150	177	176	188	266	213	195	182	173	178	180	210	198	195	173	
TETON IRRIGATION	114	120	120	110	100	112	124	123	121	122	29	24	24	26	45	45	38	34	34	31	35	36	11	10	103	107	111	107	107	112	111	
GOOD LUCK	9	25	25	26	26	27	27	26	27	29	24	24	26	45	45	38	34	34	31	35	36	11	14	26	20	19	16	15	0	5		
PIONEER	13	26	26	22	18	17	16	12	8	8	15	20	0	16	0	0	14	0	4	16	50	48	5	6	5	29	40	41	50	0	0	
STEWART	5	4	4	4	5	16	26	36	46	34	23	31	30	34	23	23	23	17	17	39	23	23	22	20	20	26	27	23	38	38	11	
PINCOCK-BYINGTON	21	12	12	11	16	14	19	19	19	17	15	17	15	15	14	13	25	26	26	28	26	25	27	22	23	24	23	19	17	17		
PINCOCK-GARNER	33	32	32	25	18	16	19	19	19	19	16	16	16	20	30	30	26	26	27	21	19	19	20	20	20	18	17	16	15	22	19	
GARDNER	44	46	43	39	42	42	42	45	49	51	58	53	53	42	42	38	42	46	47	39	32	35	32	37	34	39	38	37	37	37	34	
TETON ISLAND FEEDER	44	46	43	39	42	42	42	45	49	51	58	53	53	42	42	38	42	46	47	39	32	35	32	37	34	39	38	37	37	37	34	
NORTH SALEM	20	7	7	7	6	3	0	29	53	37	37	33	32	31	32	33	32	29	28	25	29	24	13	11	11	15	15	9	13	8	8	
ROXANA	26	26	26	27	29	44	44	42	40	41	42	52	6	8	25	25	26	33	30	23	9	8	6	4	3	3	8	42	31	27		
WOODMANSEE-JOHNSON	50	45	45	45	44	44	48	48	48	48	48	49	47	49	46	44	44	43	43	43	43	41	41	43	43	39	41	31	34	1	32	
FAMES-THOMPSON	0	0	0	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
MC CORMICK-ROWE	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
CITY OF REXBURG	26	26	26	26	26	26	26	30	30	29	28	28	26	27	27	26	27	27	26	32	31	31	30	30	27	28	28	30	30	27	26	26
REXBURG IRRIGATION	226	220	215	221	227	218	224	266	282	278	273	273	262	286	270	288	291	286	285	274	273	232	226	219	209	199	210	193	189	181	165	
SAUREY-SOMMERS	18	18	18	22	25	24	22	20	17	17	16	19	20	20	20	20	20	20	17	17	14	14	12	18	17	17	13	13	7	11	8	10
TOTAL TETON RIVER	1209	1231	1187	1210	1201	1261	1356	1432	1516	1488	1428	1344	1301	1192	1301	1258	1275	1344	1315	1365	1347	1226	1127	1091	1064	1071	1149	1134	1162	1081	990	38,692

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
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FALL RIVER CANALS

YELLOWSTONE	18	19	19	19	12	4	4	25	25	25	24	21	22	22	23	23	22	22	22	18	18	17	16	16	16	16	16	16	16	16	553	
MARYSVILLE	201	201	201	201	198	195	195	181	181	181	181	181	161	161	160	159	158	158	157	147	147	132	116	116	116	116	116	116	116	116	4,981	
TOTAL ABOVE SQUIRREL	219	220	220	220	210	199	199	206	206	206	205	202	183	183	183	182	180	180	179	179	165	150	133	132	132	127	127	127	127	5,534		
FARMERS OWN	93	93	92	90	90	90	88	85	85	85	85	83	85	85	85	85	82	82	82	82	66	66	66	66	66	66	66	66	66	2,316		
ALMY																																
ENTERPRISE	121	121	119	119	119	120	118	113	111	109	115	115	116	112	106	96	95	99	100	96	97	98	98	97	97	95	84	84	84	91	3,242	
BELL	4	4	4	4	3	3	3	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	6	
FALL RIVER	261	256	254	273	273	275	280	273	268	266	294	294	297	292	294	290	292	292	290	290	294	294	294	294	294	294	294	294	294	294	8,191	
MC BEE	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	
CHESTER	63	62	62	62	61	62	64	62	62	60	60	58	58	58	59	58	58	58	56	56	56	58	58	58	58	58	58	58	58	73	1,854	
SILKEY	18	18	18	17	17	17	17	17	17	16	16	16	15	15	15	14	14	14	14	14	13	13	14	14	14	14	14	14	14	11	4,337	
CURR	44	44	44	44	44	44	44	47	47	59	59	60	58	60	60	60	59	60	61	60	60	60	60	60	60	60	60	60	60	46	1,594	
TOTAL SQUIRREL TO CHESTER	608	602	597	612	608	614	622	605	597	602	636	633	636	629	626	610	606	611	609	604	603	588	594	580	575	559	556	552	531	517	495	18,447

HENRY'S FORK CANALS

DEWEY	23	31	32	32	32	32	33	34	33	33	34	34	35	35	35	35	35	34	35	35	34	34	27	27	27	27	27	27	27	27	27	980
LAST CHANGE	116	116	116	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	91	91	91	91	91	91	91	91	91	91	91	3,351
CROSS CUT	210	208	210	205	378	397	376	360	359	324	69	145	146	137	134	135	134	140	135	130	136	142	142	140	140	143	140	139	141	150	152	5,891
ST. ANTHONY UNION	457	449	451	447	435	433	437	447	435	450	451	427	419	415	387	391	377	377	377	377	377	377	381	377	374	377	374	374	374	323	253	12,284
FARMERS FRIEND	113	88	91	99	122	122	122	109	104	93	101	103	106	106	106	69	53	53	53	52	52	52	52	52	52	51	50	51	53	68	2,456	
TWIN GROVES	144	139	134	131	135	135	136	125	127	125	126	126	126	126	118	121	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	3,426
SALEM UNION	205	203	207	202	134	135	136	142	136	166	170	169	168	170	166	168	164	165	166	120	123	124	81	82	83	84	84	84	84	84	84	4,304
TOTAL ASHTON TO ST. ANTHONY	1168	1234	1241	1231	1351	1364	1351	1332	1204	1312	1066	1119	1109	1064	1031	999	1002	1002	947	955	922	854	848	848	848	848	848	848	848	848	848	32,692
EGIN	322	332	287	291	287	309	307	311	298	269	292	294	292	294	301	289	284	287	282	285	271	267	269	262	265	273	235	235	231	134	120	8,457
ST. ANTHONY UNION FEEDER	50	50	56	52	46	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	1,167	
INDEPENDENT	287	287	254	228	230	238	270	256	232	236	283	279	293	289	230	220	226	226	194	193	158	164	230	232	187	194	200	198	187	169	116	6,992
CONSOLIDATED FARMERS	226	226	230	230	229	224	223	186	190	133	137	134	138	139	140	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	4,962
TOTAL ST. ANTHONY TO REXBURG	885	895	827	801	792	815	846	797	764	685	757	752	769	770	713	700	681	689	632	653	599	644	671	669	626	641	608	603	590	405	331	21,578

TETON RIVER CANALS

SIDDOWAY	16	15	16	14	14	15	14	14	14	14	15	15	12	13	13	8	11	12	11	8	7	9	7	8	5	4	4	7	7	11	344	
WILFORD	177	159	160	162	155	163	151	172	95	116	116	156	144	144	148	148	138	148	148	138	148	142	121	119	112	112	110	118	123	115	4,304	
TETON IRRIGATION	104	94	99	112	110	114	105	108	112	107	102	100	104	104	103	97	98	94	93	105	103	94	94	91	87	76	73	77	86	86	3,007	
GOOD LUCK	23	21	20	19	15	13	53	52	1	20	20	35	32	29	23	13	8	6	6	3	4	5	7	10	10	10	3	3	5	4	483	
PIONEER	1	26	26	20	31	4	4	9	5	23	23	0	19	22	27	1	1	1	17	17	0	0	12	18	17	0	0	4	3	4	327	
STEWART	10	19	22	22	15	15	14	14	14	15	12	24	24	23	8	7	7	7	7	20	20	20	20	20	20	20	20	20	20	20	420	
PINCOCK-BYINGTON	16	16	15	14	14	12	12	11	11	16	16	22	18	18	16	16	15	13	13	17	17	16	16	16	16	13	12	12	13	12	456	
PINCOCK-GARNER	18	17	16	15	12	12	16	16	16	16	14	13	13	13	11	11	12	9	8	8	7	11	11	11	11	12	13	12	13	343		
GARDNER																																
TETON ISLAND FEEDER	346	317	311	332	321	412	416	446	391	361	292	274	280	235	268	208	210	226	210	206	213	212	212	208	208	212	208	206	206	217	217	8,335
NORTH SALEM																																
ROXANA	7	12	12	11	10	15	15	20	17	16	8	4	9	10	10	5	6	7	7	6	3	3	3	3	3	3	3	3	3	3	0	
ISLAND WARD	29	31	25	32	28	36	33	1	2	19	16	19	22	21	21	20	23	23	24	20	13	11	12	14	15	16	18	17	19	18	248	
WOODMANSEE-JOHNSON	30	28	26	15	14	14	14	16	16	16	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	601	
FAMES-TOMPSON	0	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	284	
MC CORMICK-ROWE	2	2	2	1	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	35	
CITY OF REXBURG	27	26	24	25	25	24	24	20	18	17	16	14	15	14	13	13	11	9	13	13	12	12	11	10	9	14	13	14	16	16	70	
REXBURG IRRIGATION	153	143	145	210	180	237	168	46	233	212	178	171	169	171	180	182	180	160	157	248	242	242	256	250	244	257	254	260	190	215	227	499
SAUREY-SOMMERS	8	12	15	15	15	20	20	27	19	17	8	8	11	18	17	20	16	23	27	24	24	24	27	27	27	27	26	20	19	20	602	
TOTAL TETON RIVER	948	941	937	1022	962	1117	1062	992	985	971	833	880	880	852	783	762	745	744	777	811	820	808	835	813	801	767	757	743	689	739	722	26,520

CANAL

CANAL																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE																																
MARYSVILLE	2	2	2	2	2	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	35
TOTAL ABOVE SQUIRREL	77	77	79	79	79	78	78	78	78	77	77	77	77	77	77	77	77	77	76	76	76	76	77	76	76	76	76	76	76	76	76	2,197
FARMERS OWN	29	29	81	81	81	78	78	80	80	78	78	78	78	78	78	78	78	78	77	77	77	77	78	77	77	77	77	77	77	77	77	2,232
ALMY	29	29	29	29	29	28	28	28	28	28	27	27	27	27	27	27	27	27	27	27	27	26	26	26	24	24	24	24	24	24	24	801
ENTERPRISE	86	84	79	79	79	79	79	78	78	78	77	76	76	76	77	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	2,017
BELL	4	4	4	4	4	5	5	6	6	5	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	106
FALL RIVER	233	220	206	142	142	142	142	142	140	139	125	111	110	108	110	111	110	108	106	105	104	102	102	108	108	106	105	104	102	102	102	3,795
MC BEE	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	42
CHESTER	69	68	67	72	72	70	70	70	70	68	67	66	66	67	67	67	66	64	62	61	61	61	60	60	57	54	56	58	58	58	58	42
SILKEY	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	2	3	3	3	3	1,930
CURR	45	44	6	6	6	6	15	24	24	24	24	24	23	22	22	22	22	22	21	20	20	20	20	20	20	20	20	18	16	16	606	
TOTAL SQUIRREL TO CHESTER	477	460	402	337	338	335	344	354	351	347	329	312	310	308	311	313	311	307	288	273	271	268	268	265	265	260	257	256	254	254	254	9,425

HENRYS FORK CANALS

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TETON RIVER CANALS

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TETON RIVER CANALS

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1971

PLATE NO. 21

Stored Diversions Ashton to St. Anthony	Henry's Fork At St. Anthony			Stored Divers. St. Anth. to Rexburg		Date	Henry's Fork near Rexburg		
	Stored	Normal	Total	Henry's Fork	Teton River		Stored	Normal	Total
0	81	1,379	1,460		0	Jul 26	81	2,119	2,200
11	202	1,448	1,650		15	27	187	1,895	2,080
11	333	1,387	1,720		27	28	306	1,604	1,910
11	333	1,287	1,620		37	29	296	1,404	1,700
61	299	1,171	1,470		43	30	256	1,324	1,580
77	316	1,154	1,470		22	31	294	1,236	1,530
97	251	1,219	1,470	0	13	Aug 1	238	1,252	1,490
92	316	1,164	1,480	22	13	2	281	1,179	1,460
83	320	1,120	1,440	32	51	3	237	1,223	1,460
87	316	1,184	1,500	0	49	4	267	1,163	1,430
95	268	1,172	1,440	0	47	5	221	1,129	1,350
56	300	1,050	1,350	0	48	6	252	1,048	1,300
90	266	1,024	1,290	9	44	7	213	1,167	1,380
90	270	1,080	1,350	9	77	8	184	1,416	1,600
53	301	1,119	1,420	11	70	9	220	1,530	1,750
22	332	978	1,310	0	48	10	284	1,326	1,610
32	346	1,074	1,420		44	11	302	1,258	1,560
20	373	1,167	1,540		38	12	335	1,155	1,390
21	367	1,133	1,500		32	13	335	1,145	1,480
32	365	1,135	1,500		35	14	330	1,190	1,520
26	371	1,149	1,520	0	31	15	340	1,250	1,590
22	370	1,180	1,550	1	28	16	341	1,278	1,620
118	283	1,297	1,580	0	27	17	256	1,354	1,610
116	279	1,291	1,570		27	18	252	1,388	1,640
121	274	1,296	1,570		27	19	247	1,493	1,740
123	282	1,288	1,570		27	20	255	1,505	1,760
118	287	1,293	1,580		27	21	260	1,530	1,790
118	287	1,323	1,610		27	22	260	1,610	1,870
119	286	1,434	1,720		24	23	262	1,658	1,920
121	284	1,476	1,760		19	24	265	1,665	1,930
109	296	1,464	1,760		12	25	284	1,656	1,940
108	297	1,423	1,720		11	26	286	1,694	1,980
107	288	1,482	1,770		11	27	277	1,733	2,010
105	290	1,480	1,770		11	28	279	1,721	2,000
94	302	1,458	1,760		10	29	292	1,748	2,040
94	302	1,578	1,880		10	30	292	2,248	2,540
94	78	2,298	2,370		10	31	68	2,872	2,940
101	100	2,140	2,240		10	Sep 1	90	2,830	2,920
10	233	1,967	2,200		10	2	223	2,677	2,900
10	228	1,972	2,200		10	3	218	2,712	2,930

HENRYS FORK - DAILY SEGREGATION OF FLOW

24 HOUR SECOND-FEET EXCEPT AS NOTED

Date	Island P. Reserv. Contents Ac.Ft.	Henrys Fork Nr. Island Park			Island Park to Ashton		Date	Henrys Fork Nr. Ashton			Gauging Station Reference	Remarks
		Stored	Normal	Total	Stored Loss	Stored Div.		Stored	Normal	Total		
Jul 24	134,600	83	640	723	2	0	Jul 25	81	1,679	2,760		
25	134,600	218	630	848	5	0	26	213	1,857	2,400		
26	134,200	360	620	980	9	7	27	344	1,794	2,140		
27	133,400	360	620	980	9	7	28	344	1,786	2,130		
28	132,700	376	610	986	9	7	29	360	1,770	2,130		
29	131,900	410	610	1,020	10	7	30	393	1,807	2,280		
30	131,000	364	610	974	9	7	31	348	1,862	2,210		
31	130,000	426	604	1,030	11	7	Aug 1	408	1,802	2,210		
Aug 1	129,200	420	600	1,020	10	7	2	403	1,957	2,270		
2	128,400	420	600	1,020	10	7	3	403	1,747	2,150		
3	128,300	380	600	980	10	7	4	363	1,717	2,080		
4	127,000	372	590	962	9	7	5	356	1,714	2,070		
5	126,300	372	590	962	9	7	6	356	1,714	2,070		
6	125,600	376	580	956	9	7	7	360	1,720	2,080		
7	123,600	370	580	950	9	7	8	354	1,766	2,120		
8	124,200	370	580	950	9	7	9	354	1,786	2,140		
9	123,600	380	570	950	10	7	10	363	1,707	2,070		15
10	122,900	380	570	950	10	7	11	363	1,717	2,080		30
11	122,000	374	570	944	9	7	12	358	1,712	2,070		30
12	121,300	384	560	944	10	7	13	367	1,703	2,070		30
13	120,700	384	560	944	10	7	14	367	1,703	2,070		30
14	120,100	378	560	938	9	7	15	362	1,708	2,070		30
15	119,400	388	550	938	10	7	16	371	1,699	2,070		30
16	118,700	382	550	932	10	7	17	365	1,665	2,030		30
17	118,000	382	550	932	10	7	18	365	1,665	2,030		30
18	117,400	392	540	932	10	7	19	375	1,645	2,020		30
19	116,600	392	540	932	10	7	20	375	1,645	2,020		30
20	115,900	392	540	932	10	7	21	375	1,655	2,030		30
21	115,200	392	540	932	10	7	22	375	1,705	2,080		30
22	114,400	392	540	932	10	7	23	375	1,715	2,090		30
23	113,600	392	540	932	10	7	24	375	1,685	2,060		30
24	112,900	392	540	932	10	7	25	375	1,665	2,040		30
25	112,200	382	550	932	10	7	26	365	1,695	2,060		30
26	111,500	382	550	932	10	7	27	365	1,695	2,060		30
27	110,900	382	550	932	10	6	28	366	1,614	2,080		30
28	110,300	382	550	932	10	6	29	366	1,744	2,110		30
29	110,100	152	780	932	4	6	30	142	2,198	2,340		30
30	109,900	182	750	932	5	6	31	171	1,989	2,160		30
31	109,700	225	701	926	6	6	Sep 1	213	1,957	2,170		30
Sep 1	109,000	220	700	920	6	6	2	208	1,962	2,170		30

HENRYS FORK - DAILY

24 HO

Henrys Lake Content Ac.Ft.	Henrys Fork Nr. Lake			Stored Loss Lake to I. Park	Stored Divers. above I. Park	F.M. Dist Sheridan Creek Right	Stored Inflow to I.P. Reserv.	Date	Island P. Reserv. Contents Ac.Ft.	Henrys Fork Nr. Island Park	
	Stored	Normal	Total							Stored	Normal
88,100								Jul 24	134,600	83	640
							0	25	134,600	218	630
								26	134,200	360	620
	5	81	86		2	12	15	27	133,400	360	620
	5	82	87		2	12	15	28	132,700	376	610
	5	85	90		2	12	15	29	131,900	410	610
	5	78	83		2	12	15	30	131,000	364	610
	5	76	81	0	2	12	15	31	130,000	426	604
	5	75	80	1	2	12	14	Aug 1	129,200	420	600
	5	72	77	0	2	12	15		128,400	420	600
	5	71	76	0	2	12	15	3	128,300	380	600
	5	71	76	0	2	12	15	4	127,000	372	590
	5	71	76	1	2	12	14	5	126,300	372	590
	5	69	74	0	2	12	15	6	125,600	376	580
	5	75	80	0	2	12	15	7	123,600	370	580
	5	86	91	0	2	12	15	8	124,200	370	580
	5	88	93	1	2	12	14	9	123,600	380	570
	5	85	90	0	2	12	15	10	122,900	380	570
	5	82	87	0	2	12	15	11	122,000	374	570
	10	88	98	1	2	12	19	12	121,300	384	560
	30	96	126	1	2	12	39	13	120,700	384	560
	30	95	125	1	2	12	39	14	120,100	378	560
	30	89	119	1	2	12	39	15	119,400	388	550
	30	87	117	1	2	12	39	16	118,700	382	550
	30	85	115	1	2	12	39	17	118,000	382	550
	30	87	117	1	2	12	39	18	117,400	392	540
	30	84	114	1	2	12	39	19	116,600	392	540
	30	81	111	1	2	12	39	20	115,900	392	540
	30	81	111	1	2	12	39	21	115,200	392	540
	30	79	109	1	2	12	39	22	114,400	392	540
	30	77	107	1	2	12	39	23	113,600	392	540
	30	77	107	1	2	12	39	24	112,900	392	540
	30	76	106	1	2	12	39	25	112,200	382	550
	30	76	106	1	2	12	39	26	111,500	382	550
	30	74	104	1	2	12	39	27	110,900	382	550
	30	76	106	1	2	12	39	28	110,300	382	550
	30	74	104	1	2	12	39	29	110,100	152	780
	30	79	109	1	2	12	39	30	109,900	182	750
	30	81	111	1	2	12	39	31	109,700	225	701
	30	81	111	1	2	12	39	Sep 1	109,000	220	700

1971

PLATE NO 21A

Stored Diversion Ashton to St. Antho	Henry's Fork At St. Anthony			Stored Divers. St. Anth. to Rexburg		Date	Henry's Fork near Rexburg		
				Henry's	Teton				
	Stored	Normal	Total	Fork	River		Stored	Normal	Total
10	232	2,168	2,400		1	Sep 4	231	2,949	3,180
7	255	2,305	2,560		1	5	254	3,026	3,280
7	265	2,135	2,400		1	6	264	2,826	3,190
7	269	2,041	2,310		1	7	268	2,922	2,190
7	282	2,218	2,500		1	8	281	3,079	3,360
7	295	2,225	2,520		0	9	295	3,015	3,310
6	284	2,086	2,370		0	10	284	2,906	3,190
0	304	2,006	2,310			11	304	2,816	3,120
	304	1,986	2,290			12	304	2,746	3,050
2,926	13,862			84	1,127		12,651		
0	264			0	0		264		
0	5,544			0	0		5,544		
2,926	19,406			84	1,127		18,195		

K - DAILY SEGREGATION OF FLOW

1971

24 HOUR SECOND-FEET EXCEPT AS NOTED

Henry's Fork Nr. Island Park			Island Park to Ashton		Date	Henry's Fork nr. Ashton			Grassy Lake Storage Release	Stored Diversion Ashton to St. Antho	Henry's At St. An	
Stored	Normal	Total	Stored Loss	Stored Div.		Stored	Normal	Total			Stored	Normal
226	700	926	6	6	Sep 3	214	2,036	2,250	28	10	232	2,11
246	680	926	6	6	4	234	2,026	2,260	28	7	255	2,3
256	670	926	6	6	5	244	1,916	2,160	28	7	265	2,1
260	660	920	6	6	6	248	1,902	2,150	28	7	269	2,0
274	640	914	7	6	7	261	2,039	2,300	28	7	282	2,2
288	620	908	7	6	8	275	1,885	2,160	27	7	295	2,2
276	620	896	7	6	9	263	1,867	2,130	27	6	284	2,0
290	600	890	7	6	10	277	1,833	2,110	27	0	304	2,0
284	600	884	7	0	11	277	1,813	2,090	27		304	1,9
16,560			417	308		15,835			953	2,926	13,862	
254			6	0		248			16	0	264	
5,334			126	0		5,208			336	0	5,544	
21,894			543	308		21,043			1,289	2,926	19,406	

HENRYS FORK - DAILY

24 HOUR SE

Henry's Lake Content Ft.	Henry's Fork Nr. Lake			Stored Loss Lake to I. Park	Stored Divers. above I. Park	F.M. Dist Sheridan Creek Right	Stored Inflow to I.P. Reserv.	Date	Island P. Reserv. Contents Ac. Ft.	Henry's Fork Nr. Island Park		
	Stored	Normal	Total							Stored	Normal	Total
30	79	109	1	2	12	39	Sep 2	108,400	226	700	926	
30	79	109	1	2	12	39	3	108,000	246	680	926	
30	81	111	1	2	12	39	4	107,700	256	670	926	
30	82	112	1	2	12	39	5	107,200	260	660	926	
30	79	109	1	2	12	39	6	106,700	274	640	914	
30	79	109	1	2	12	39	7	106,500	288	620	908	
30	79	109	1	2	12	39	8	106,100	276	620	896	
30	79	109	1	2	12	39	9	105,600	290	600	890	
28	79	107	1	2	12	37	10	105,200	284	600	884	
958			33	92	552	1,385			16,560			
Sept 11 to Oct 1 Average 254 21 days 5,334												
958			33	92	552	1,385			21,894			

PLATE NO. 22

ALLOTMENT IN ACRE-FEET				
Other Rights	Rentals	Total	Headgate Equivalent	
1,280 (1)		2,845	2,726	
310 (2)		890	868	
		313	305	
160 (2)	84 (5)	1,115	1,087	
		1,466	1,429	
		160	156	
175 (4)		240	234	
		1,750	1,706	
-470 (2)		19,254	18,773	
		8,231	8,025	
		-		
16,071 (3)		26,251	24,992	
		140	136	
		7,723	7,530	
		1,742	1,698	
		511	4,982	
		50	49	
236		1,855	1,759	
967		13,841	13,016	
806		9,352	8,886	
		5,541	5,402	
		5,484	5,347	
917		28,768	27,212	
926	15,936	84	133,787	132,724
806		8,054	7,620	
241		32,468	30,727	
427		22,358	21,102	
474		62,880	59,449	

Notes:

- (1) From Palisades Waterusers Inc.
- (2) Transfer from Marysville Canal.
- (3) Jackson Lake 5,883; American Falls 10,188.
- (4) Draft from Indian and Bergman Reservoirs.
- (5) Rented from Fremont-Madison.

OM HENRYS FORK AND FALL RIVER 1971

0- FEET EXCEPT AS NOTED

				SEPTEMBER										T O T A L		RESER
28	29	30	31	1	2	3	4	5	6	7	8	9	No.	Second Feet	Acre Feet	Fremont Madison
2	2	2	2	2	2	2	2	2	2	2	2	2	1	92	182	1,565
6	6	6	6	6	6	6	6	6	6	6	6	6	2	309	613	580
3	3	3	3	3	3	3	1	1	1	1			3	104	206	313
7	7	7	7	7	7	7	6	6	6	6	6	5	4	315	624	871
													5	0	0	1,466
													6	0	0	160
													7	0		240
													8	0		1,750
													9	0	0	19,724
													10	8	16	8,231
													11	0	0	-
84	84	84	91	0									12	1,508	2,991	10,180
										0	1	1	13	3	6	140
													14	806	1,599	7,723
													15	0		1,742
													16	0		511
													17	163	323	50
													18	0		619
													19	0		1,874
													20	14	28	3,546
													21	0		5,541
													22	0		5,484
													23	5	10	7,851
94	94	94	101	10	10	10	7	7	7	7	7	6	24	2,926	5,803	78,016
													25	84	166	2,248
													26			9,227
													27			4,931
													28	84	166	16,406

STORAC

AUGUST

30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
0																0	96	95	99
0																			
68	83	76	74	71	86	47	81	81	44	13	12	0	0	13	5	0			
										0	11	11	12	10	12	12	12	11	12
		7	0	7	0														
0	5	0																	
77	97	92	83	87	95	56	90	90	53	22	32	20	21	32	26	22	118	116	121
	0	22	32	0	0	0	9	9	11						0	1	0		
	0	22	32	0	0	0	9	9	11						0	1	0		

NAME OF CANAL	No.	J U L Y												
		26	27	28	29	30	31	1	2	3	4	5	6	7
Users above Island Park Dam	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Disc. Island Park to Ashton	2	7	7	7	7	7	7	7	7	7	7	7	7	7
Disc. Ashton to St. Anthony	3	2	2	2	2	2	2	2	2	2	2	2	2	2
Disc. Users on Fall River	4	7	7	7	7	7	7	7	7	7	7	7	7	7
Grant Creek Canal	5													
Rock Creek Canal	6													
Squirrel Creek Canal	7													
Yellowstone	8													
Marysville	9													
Farmers Own	10	2	2	2	2	0								
May	11													
Enterprise	12													
Full	13			0	1	0								
Full River Canal	14			0	49	68	83	76	74	71	86	47	81	81
Chester	15													
Wilkey	16													
Burr	17													
Dewey	18													
East Chance	19													
St. Anthony Union	20							7	0	7	0			
Farmers Friend	21													
Twin Groves	22													
Salem Union	23					0	5	0						
TOTAL ASHTON TO ST. ANTHONY	24	11	11	11	.61	77	97	92	83	87	95	56	90	9
Erin	25						0	22	32	0	0	0	9	
Independent	26													
Consolidated Farmers	27													
TOTAL ST. ANTHONY TO REXBURG	28						0	22	32	0	0	0	9	

7	8	9	No.	Second Feet	Acre Feet	Fremont Madison	Other Rights	Rentals	Totals	Headgate Equiv.
			1	506	1,004	3,258			3,258	5,161
			2	342	678	1,608			1,608	2,547
			3			837			837	1,326
			4			641			641	1,015
			5			181			181	287
			6			297			297	470
			7	14	28	168	190 (2)		358	555
			8	862	1,710	6,990			7,180	11,367
			9	533						
			10	0	0					
1	1	0	11	451	895	762	1,750 (2)		2,512	2,449
1	1	0	12	984	1,952	7,752	1,940		9,692	
8	47	44 45	13							
			14							
			15	0		460			460	448
			16	0		1,423			1,423	1,387
			17	10	20	2,982			2,982	2,907
			18	33	65	367			367	358
			19	46	91	144			144	140
			20	18	36	491			491	479
			21	8	16	285			285	278
			22	0		504			504	491
			23	0		9,319			9,319	9,086
			24	0		120			120	117
			25	0		753			753	734
			26	0		80			80	78
			27	0		1,521			1,521	1,483
			28	0		3,572			3,572	3,483
			29	0		4,670			4,670	4,553
			30	0		103			103	100
			31	28		56				
			32	143	284	26,794			26,794	26,122
1	1	0	33	1,127	2,235	34,546	1,940		36,486	

Notes: (1) Line 8 divided by 1.625 and one day later.
 (2) From Palisades Waterusers

SIONS FROM TETON RIVER

1971

24 HOUR SECOND- FEET EXCEPT AS NOTED

19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7
8	7	1	0																
14	15	17	15	3	2	1	1	0											
22	22	18	15	3	2	1	1	0											
14	14	14	11	9	2	1	1	1	0										
12	12	12	12	10	10	10	10	10	10	10	10	10	10	10	1	1	1	1	1
26	26	26	23	19	12	11	11	11	10	10	10	10	10	10	1	1	1	1	1
62	64	61	61	61	61	61	61	61	72	70	105	76	67	67	63	52	53	38	47
1	1	1	1	0															
1	1	1	1	0															
27	27	27	24	19	12	11	11	11	10	10	10	10	10	10	1	1	1	1	1

STORAGE DIVE

LY			AUGUST																
29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			36 25	36 22	36 19	33 19	30 19	57 19	48 18	39 17	33 16	24 15	15 14	21 13	18 11	15 8	14 8	13 9	12 10
		0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
			62	59 38	56 36	53 34	50 33	77 31	67 47	57 41	50 35	40 31	30 25	35 18	30 22	24 18	22 15	22 14	22 14
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
12	12	12	12	50	48	46	45	43	59	53	47	43	47	30	34	30	27	26	26
76	70	28	28	27	27	25	25	212	203	185	240	223	7	61	53	56	56	64	62
0								0	17	16	0								
21	0				0		2	0											
9	9	0																	
0													0	1	0				
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	10	1	1	1	1	3	1	18	17	1	1	1	1	2	1	1	1	1	1
43	22	13	13	51	49	47	48	44	77	70	48	44	38	32	35	31	28	27	27

C A N A L	No.	JULY													
		26	27	28	29	30	31	1	2	3	4	5	6	7	8
l Creek Irrigation Co.	1							36	36	36	33	30	57	48	39
ng Canal	2							25	22	19	19	19	19	18	17
n Creek Canals	3														
h Leigh Creek Canals	4														
h Leigh Creek Canals	5														
ng Creek Canals	6														
ps, Misc.	7						0	1	1	1	1	1	1	1	1
l in Teton Basin	8							62	59	56	53	50	77	67	57
valent at St. Anthony (1)	9								38	36	34	33	31	47	41
on Creek Canal	10														
ellaneous	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12
l above St. Anthony Gage	12	12	12	12	12	12	12	12	50	48	46	45	43	59	53
s Cut Inflow	13	108	206	95	76	70	28	28	27	27	25	25	212	203	185
n River below Diversion	14														
oway	15														
n Irrigation	16														
ord	17		0	10	0										
Luck	18												0	17	16
eer	19	0	11	12	21	0					0	2	0		
art	20			0	9	9	0								
ock-Byngton	21	2	3	2	0										
ock-Gardner	22														
n Island Feeder	23														
s-Thompson	24														
na	25														
er	26														
mansee-Johnson	27														
nd Ward	28														
urg Irrigation	29														
rmic-Rowe	30														
ellaneous	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1
l below St. Anthony Gage	32	3	15	25	31	10	1	1	1	1	1	3	1	18	17
L TETON RIVER	33	15	27	37	43	22	13	13	51	49	47	48	44	77	70

CROSS CUT CANAL DURING 1971

four second-feet

Plate No. 23 A

MAY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
47	47	46	44	44	43	41	41	57	73	73	93	113	148	181	181	181	171	2,112
46	46	46	46	46	48	50	50	59	68	68	68	68	49	30	30	30	30	1,164
61	61	61	60	60	61	62	62	70	77	77	90	103	100	96	96	96	82	1,595
32	32	31	30	30	30	29	29	46	64	64	46	28	72	115	115	115	114	1,273
0	0	0	0	0	0	0	0	0	0	0	25	50	25	0	0	0	0	308
5	3	1	1	0	0	0	0	0	0	0	0	12	25	25	45	65	65	597

JUNE

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
225	222	219	221	222	222	208	194	194	201	223	223	197	168	168	168	168	5,690
42	43	44	44	45	45	54	64	64	64	50	50	50	51	51	48	45	1,362
103	103	103	105	107	107	108	109	109	109	109	109	106	102	102	100	97	2,897
142	142	141	141	141	141	134	128	128	104	80	80	91	102	102	100	97	3,582
22	20	19	19	19	19	20	21	21	52	84	84	50	15	15	16	17	573
39	39	38	36	36	39	42	42	52	63	50	38	38	32	27	27	27	876

JULY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
227	224	226	186	151	149	226	234	239	234	241	241	230	200	225	228	220	215	5,763
66	67	70	71	74	74	75	77	70	70	64	64	64	42	50	62	48	49	1,980
110	110	111	113	110	110	110	113	113	113	113	113	113	0	95	96	93	93	3,137
144	143	143	120	89	87	118	118	117	90	93	67	82	9	71	102	114	136	3,127
39	38	42	24	26	26	73	80	79	101	99	125	99	233	109	92	61	35	1,479
42	47	53	53	107	107	76	76	76	94	88	86	108	206	95	76	70	28	1,703

AUGUST

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
137	134	135	134	140	135	130	136	142	142	140	140	143	140	139	141	150	152	5,891
109	109	106	106	105	105	102	101	101	101	101	101	101	103	103	101	103	59	2,633
88	88	88	87	90	88	88	90	90	90	90	90	90	91	90	90	91	75	2,728
94	82	80	80	80	79	71	72	78	78	78	78	68	68	68	68	60	45	2,699
64	73	73	73	75	73	73	75	75	75	73	73	86	84	84	84	112	91	3,097
56	56	64	62	64	62	64	61	61	61	61	61	61	61	72	70	105	76	2,494

SEPTEMBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
159	159	120	118	116	117	117	116	122	122	121	121	121	121	121	120	120	4,226
20	20	20	20	20	20	20	20	19	19	19	19	19	18	18	18	18	718
78	79	80	78	77	78	80	79	78	78	78	78	78	78	78	77	77	2,356
43	42	41	41	42	42	41	41	41	41	40	40	40	40	40	40	40	1,265
58	58	19	19	17	17	16	16	22	22	22	22	22	21	21	21	21	1,323
17	17	17	16	16	16	16	16	16	16	16	16	18	18	18	18	17	897

OPERATION OF CROSS CUT

24-hour sec

LOCATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14
erted at Head	39	39	39	39	38	43	47	47	35	35	23	27	37	47
ow from Fall River Canal	0	0	0	12	25	25	25	25	22	22	35	48	47	46
h Branch Diversion	0	0	0	10	20	20	19	19	38	38	38	55	58	61
le Branch Diversion	19	19	19	19	19	24	29	29	12	12	13	14	23	32
ow Fall River Canal Diversions	20	20	20	22	24	24	24	24	7	7	7	6	3	0
s Cut at End	27	27	27	27	27	26	42	57	57	10	10	8	5	5

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
erted at Head	160	160	160	160	150	139	140	148	158	193	228	228	225	225
ow from Fall River Canal	30	30	30	30	38	47	47	42	36	42	47	47	42	42
h Branch Diversion	78	78	78	78	78	78	79	79	80	92	104	104	103	103
le Branch Diversion	112	112	112	112	110	108	108	111	114	135	156	156	142	142
ow Fall River Canal Diversions	0	0	0	0	0	0	0	0	0	8	15	15	22	22
s Cut at End	0	0	0	0	0	0	0	0	20	39	46	53	53	39

LOCATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14
erted at Head	148	126	125	131	116	117	122	130	131	124	144	227	226	227
ow from Fall River Canal	45	45	45	45	62	78	79	80	76	72	68	64	64	66
h Branch Diversion	96	95	94	92	94	96	102	108	105	102	102	111	111	110
le Branch Diversion	97	74	74	84	84	99	99	100	100	92	92	145	144	144
y Fall River Canal Diversions	0	2	2	0	0	0	0	2	2	2	18	35	35	39
s Cut at End	27	0	0	0	0	0	0	0	0	26	52	50	50	42

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
erted at Head	210	208	210	205	378	397	376	360	359	324	69	145	140	137
ow from Fall River Canal	49	45	45	49	49	51	53	51	51	49	108	108	108	109
h Branch Diversion	89	88	87	87	103	103	105	103	77	82	56	66	88	88
le Branch Diversion	135	135	135	135	83	114	109	79	79	73	110	99	96	94
y Fall River Canal Diversions	35	30	33	32	241	231	215	229	254	218	11	88	64	64
s Cut at End	28	27	27	25	25	212	203	185	240	223	7	61	53	56

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
erted at Head	165	165	152	181	167	155	157	164	164	164	164	159	158	159
ow from Fall River Canal	54	54	54	25	25	24	23	22	22	22	22	22	22	20
h Branch Diversion	81	81	80	80	67	78	79	80	80	80	80	81	80	78
le Branch Diversion	46	46	45	45	44	43	43	43	43	43	43	43	43	43
y Fall River Canal Diversions	92	92	81	81	81	58	58	63	63	63	63	57	57	58
s Cut at End	67	67	63	52	53	38	47	44	45	44	38	38	17	17

S E P T E M B E R

[illegible]

[illegible]

STREAMFLOW RECORDS - 1971

24 HOUR SECOND - FEET

JULY

[illegible]

[illegible]

STREAM	MAY															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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 PIPELINE																
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																
HORSE SHOE																
PACKSADDLE																
PATTERSON																
SOUTH LEIGH CREEK AT STATE LINE																
LEIGH CREEK CANAL ABOVE STATE LINE																
KILPACK																
DESERT																
GALE - MOFFAT																
BELL - MCCrackEN																
BLACK																
NORTH LEIGH CREEK AT FOREST BOUNDARY																
NORTH																
WEAVER																
SI DITCH																
CENTER																
HUBBARD																
SPRING CREEK AT HIGHWAY																
TETONIA																
BRECKENRIDGE																
HANKS																
BLAIR																
FULLMER																
BADGER CREEK AT RAMMELL ROAD																
HADEN																
PHILLIP																
RICKS																
STEWART																
WARD																
CANYON CREEK CANAL																
BOOM CREEK CANAL																
MAIN RIVER AND HENRYS FORK																
PALISADES CANAL																
PALISADES CREEK BELOW CANAL																
RAINEY CREEK ABOVE DIVERSIONS																
RAINEY CREEK BELOW MCKAY DAM																
CONANT CREEK CANAL																
MARKET LAKE SPRINGS																
SQUIRREL CREEK CANAL																

40
82
20
31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	570.400	555.600	564.500	580.300	597.600	602.100	611.200	491.600	443.500	835.800	809.400	688.700
2	567.100	555.600	565.900	580.800	597.900	602.100	611.000	482.800	451.700	842.100	805.400	684.600
3	564.300	555.300	566.600	581.000	598.100	601.900	611.000	474.800	458.700	847.500	801.100	681.900
4	561.900	555.300	567.800	581.000	598.100	602.100	610.700	467.400	465.400	852.900	796.800	678.000
5	559.800	555.100	568.500	581.300	598.300	602.100	610.700	460.600	471.800	853.900	793.500	673.100
6	559.300	555.100	569.200	581.500	598.300	601.900	610.700	454.200	477.500	854.200	788.700	668.300
7	557.900	555.100	569.400	581.700	598.300	601.900	610.500	448.000	485.300	853.100	784.200	664.600
8	557.200	555.100	570.200	582.200	598.600	601.700	610.300	442.400	491.300	851.100	779.700	661.500
9	556.700	555.300	570.600	583.200	598.800	601.700	608.100	436.500	497.600	850.000	775.700	658.100
10	556.700	555.600	571.300	583.900	599.300	601.400	606.200	431.500	505.600	850.800	771.200	654.200
11	556.500	556.000	571.800	584.300	599.500	601.700	604.800	427.000	515.400	851.100	766.200	650.100
12	556.000	556.500	572.000	585.000	599.500	602.400	603.100	422.900	531.000	850.800	761.500	645.800
13	556.700	556.700	572.000	585.800	599.800	603.600	601.700	420.400	545.500	852.100	756.200	641.400
14	557.000	557.000	572.300	586.000	600.000	604.300	598.100	418.200	558.800	853.100	752.500	636.900
15	556.700	557.200	572.700	586.500	600.000	605.200	594.800	415.900	571.600	853.400	749.000	631.600
16	556.700	557.200	573.200	588.600	600.200	605.500	591.200	413.700	584.600	852.600	745.800	627.000
17	556.700	557.000	573.400	591.500	600.700	606.400	587.200	413.000	600.500	851.600	742.300	622.200
18	556.700	557.000	573.700	593.600	601.000	606.700	583.200	410.800	617.400	850.800	738.600	617.400
19	556.500	557.400	573.900	594.100	601.000	606.700	578.600	406.300	634.000	849.300	734.900	612.600
20	556.500	557.700	573.900	594.800	601.200	606.700	573.200	400.700	648.200	847.700	731.200	609.100
21	556.200	557.900	574.200	595.200	601.400	606.400	568.700	395.100	662.900	846.700	727.200	606.400
22	556.000	557.900	574.900	595.500	601.400	606.400	560.500	391.400	679.900	844.900	723.500	604.300
23	555.600	557.900	575.600	596.000	601.200	606.600	553.200	391.100	701.900	842.400	720.800	602.400
24	556.000	557.900	575.800	596.200	601.200	608.400	545.000	390.700	727.700	839.600	716.400	600.700
25	556.200	559.300	576.000	596.700	601.700	608.600	535.600	391.600	750.300	836.300	712.700	599.500
26	556.200	560.700	576.000	596.900	601.900	609.300	527.900	394.700	768.200	833.200	708.500	599.000
27	556.000	561.400	576.300	597.200	601.900	610.700	518.900	400.300	781.200	829.700	704.400	598.600
28	556.000	561.700	576.800	597.200	602.100	611.000	510.300	408.100	799.600	825.800	700.400	598.300
29	555.800	561.900	577.900	597.400		611.000	506.100	418.000	816.500	822.300	697.500	598.300
30	555.600	563.800	578.600	597.400		611.200	500.800	427.400	826.900	817.700	695.800	598.300
31	555.600		579.400	597.600		611.200		436.000		813.700	692.600	

MEAN												
ACRE-												
FEET												

U. S. GOVERNMENT PRINTING OFFICE 16-00086-1

JACKSON LAKE AT MORAN, WYOMING

YEAR
OR
PERIOD

MEAN

ACRE-
FEET

Plate N° 25

SNAKE RIVER NEAR MORAN, WYOMING

NUMBER 13011000

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,390	430	444	471	480	485	485	5,670	3,630	2,080	4,150	2,990
2	2,342	430	444	471	480	485	485	5,620	3,050	3,180	4,140	3,070
3	1,850	430	444	471	480	485	485	5,590	2,780	4,810	4,130	3,140
4	1,670	435	444	471	480	485	485	5,590	2,950	5,790	4,110	3,110
5	1,400	435	444	471	480	485	485	5,650	3,500	6,930	4,100	3,090
6	1,190	435	448	471	480	485	485	5,820	4,460	6,890	4,080	3,080
7	965	435	448	471	480	485	701	6,330	4,930	6,110	4,080	3,070
8	772	435	448	476	480	485	993	6,660	5,170	4,510	4,060	3,060
9	668	435	448	476	480	485	1,430	6,610	4,490	3,960	4,040	3,120
10	668	435	448	471	480	485	1,560	6,590	4,100	4,700	4,030	3,160
11	668	435	448	466	480	485	1,560	6,540	3,710	4,700	4,000	3,150
12	580	435	448	466	480	485	1,550	6,500	3,170	4,170	3,970	3,140
13	545	435	448	466	480	485	1,850	6,490	3,010	3,480	3,350	3,130
14	540	435	448	466	480	485	2,310	6,440	3,040	3,770	2,980	3,110
15	540	435	453	471	480	485	2,700	6,400	2,610	4,160	3,000	3,100
16	520	435	453	471	480	485	2,990	6,400	2,120	4,280	2,990	3,090
17	525	435	458	476	480	485	3,130	6,420	2,130	4,280	2,960	3,080
18	530	435	458	476	480	485	3,340	6,370	2,150	4,270	2,950	3,070
19	530	435	458	476	480	485	3,630	6,350	2,170	4,260	2,940	2,850
20	525	435	458	476	480	485	3,980	6,300	2,040	4,260	2,920	2,190
21	525	430	458	476	480	485	4,580	5,960	1,720	4,260	2,910	1,810
22	525	430	462	480	480	485	4,900	4,760	1,500	4,250	2,900	1,630
23	525	435	466	480	480	485	5,120	4,140	1,120	4,240	2,890	1,430
24	520	440	466	480	480	485	5,410	4,130	1,040	4,230	2,880	1,230
25	520	440	466	480	480	485	5,480	4,140	773	4,220	2,970	1,040
26	520	440	466	480	480	485	5,650	4,160	468	4,220	3,050	904
27	520	440	466	480	480	485	5,430	4,500	458	4,200	3,040	829
28	520	440	471	480	480	485	3,500	4,760	466	4,190	3,030	730
29	471	440	471	480	480	485	3,300	4,820	748	4,180	3,030	663
30	430	440	471	480	480	485	5,300	4,880	1,420	4,170	3,020	621
31	430	-----	471	480	-----	485	-----	4,800	-----	4,160	3,010	-----
TOTAL	24,622	13,060	14,124	14,706	13,440	15,035	83,304	175,390	74,923	136,910	105,710	71,687
MEAN	794	435	456	474	480	485	2,777	5,658	2,497	4,416	3,410	2,390
MAX	2,390	440	471	480	480	485	5,650	6,660	5,170	6,930	4,150	3,160
MIN	430	430	444	466	480	485	485	4,130	458	2,080	2,880	621
AC-FT	48,840	25,900	28,010	29,170	26,660	29,820	165,200	347,900	148,600	271,600	209,700	142,200
CAL YR 1970	TOTAL	568,680	MEAN	1,558	MAX	5,570	MIN	390	AC-FT	1,128,000		
WTR YR 1971	TOTAL	742,911	MEAN	2,035	MAX	6,930	MIN	430	AC-FT	1,474,000		

SNAKE RIVER AT MORAN, WYO.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	225	160	195	165	112	115	120	362	2,270	2,060	989	452
2	222	162	185	158	108	115	120	438	2,000	2,390	940	417
3	216	167	180	148	105	114	120	510	1,930	2,740	933	535
4	212	175	172	132	105	114	120	600	1,940	2,820	940	510
5	216	185	170	118	104	112	120	635	1,820	2,580	919	470
6	245	192	172	100	108	108	122	660	1,850	2,580	886	470
7	232	186	180	90	112	102	132	698	2,000	2,680	834	438
8	219	183	180	100	112	118	150	758	2,400	2,550	792	443
9	216	180	180	102	112	125	200	774	2,840	2,500	758	401
10	232	186	175	108	112	118	240	840	3,090	2,560	730	385
11	216	158	170	108	112	110	245	961	3,040	2,690	686	373
12	225	194	165	108	112	108	228	1,160	2,940	2,670	650	366
13	225	197	165	108	112	112	206	1,390	3,170	2,580	615	358
14	222	200	165	108	112	112	219	1,400	3,210	2,490	600	350
15	197	166	170	115	112	112	238	1,430	3,510	2,390	590	338
16	209	206	175	115	112	110	241	1,630	3,610	2,320	570	338
17	212	206	175	117	112	110	245	1,490	4,030	2,380	580	327
18	209	194	175	117	112	110	258	1,190	4,180	2,470	570	316
19	216	189	172	117	112	110	245	1,020	4,080	2,270	535	323
20	203	192	165	117	108	110	228	954	3,660	2,120	510	308
21	212	183	162	117	100	112	245	872	4,150	2,040	500	312
22	206	169	162	117	109	115	248	1,000	4,380	1,940	490	304
23	194	200	162	117	115	120	252	940	4,610	1,570	495	301
24	206	248	162	117	118	122	272	1,080	4,650	1,560	470	301
25	197	286	160	117	118	122	283	1,200	4,540	1,510	448	294
26	192	240	162	117	118	122	279	1,530	4,500	1,420	434	301
27	172	220	165	117	118	122	279	1,990	4,060	1,330	421	294
28	168	205	165	117	118	122	276	2,500	3,560	1,250	417	294
29	162	190	165	117	118	122	297	2,780	2,700	1,190	452	304
30	160	192	165	117	118	122	316	2,970	2,160	1,080	610	308
31	100		165	117		122		2,770		1,050	495	

MEAN	204	194	170	117	111	115	218	1,243	3,229	2,122	641	364
ACRE- FEET	12,570	11,530	10,470	7,220	6,190	7,080	12,980	76,430	192,200	130,500	39,390	21,680

U. S. GOVERNMENT PRINTING OFFICE 16-00005-1

BUFFALO FORK ABOVE LAVA CREEK NEAR MORAN, WYO.

YEAR OR MEAN
OR ACRE-FOOT 528,200 730

Plate No 27

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4,390	1,880	2,020	2,080	2,020	1,500	1,890	9,290	20,100	13,700	9,500	6,040
2	4,060	1,880	1,980	1,940	1,980	1,450	1,840	10,300	17,200	14,300	9,260	5,830
3	3,780	1,840	1,940	1,600	1,890	1,440	1,840	11,300	15,800	16,200	9,110	6,270
4	3,560	1,820	1,920	1,450	1,780	1,480	1,830	12,500	15,200	17,900	9,030	6,420
5	3,410	1,830	1,860	1,380	1,830	1,530	1,840	12,800	15,300	18,300	8,940	6,170
6	3,330	1,860	1,880	1,320	1,790	1,600	1,880	12,700	16,200	18,300	8,880	6,020
7	3,080	1,870	1,890	1,300	1,750	1,630	1,990	13,400	17,500	18,100	8,860	5,880
8	2,810	1,870	1,980	1,450	1,790	1,680	2,410	15,600	18,900	16,800	8,910	5,850
9	2,600	1,860	2,020	1,600	1,790	1,640	2,900	16,200	20,600	15,100	8,740	5,730
10	2,510	1,950	1,950	1,950	1,820	1,670	3,590	16,200	21,300	15,400	8,460	5,760
11	2,400	1,880	1,860	2,100	1,830	1,670	3,820	16,000	22,200	15,700	8,220	5,710
12	2,360	1,870	1,840	2,080	1,780	1,730	3,710	17,100	21,300	15,700	8,000	5,640
13	2,350	1,880	1,850	1,980	1,780	1,840	3,540	18,000	20,400	14,500	7,810	5,520
14	2,280	1,820	2,030	1,850	1,780	1,760	3,880	17,900	20,800	13,800	6,910	5,450
15	2,200	1,780	1,980	1,950	1,790	1,730	4,580	18,000	21,900	14,000	6,680	5,450
16	2,150	1,770	1,920	2,000	1,780	1,680	5,110	18,100	22,000	13,900	6,570	5,420
17	2,120	1,840	1,940	2,050	1,730	1,750	5,520	17,800	23,100	13,900	6,470	5,420
18	2,110	1,880	1,950	2,100	1,760	1,610	5,900	15,800	24,200	14,100	6,420	5,400
19	2,090	1,860	1,980	2,100	1,740	1,620	5,920	14,300	24,700	14,200	6,270	5,400
20	2,080	1,850	1,950	2,100	1,730	1,620	6,200	13,700	23,800	13,700	6,120	5,090
21	2,080	1,870	2,000	2,050	1,640	1,660	6,600	13,100	23,200	13,900	6,020	4,600
22	2,090	1,700	2,030	1,900	1,670	1,670	6,990	13,700	23,600	13,500	5,920	4,280
23	2,080	1,760	1,870	1,900	1,720	1,750	7,220	13,000	24,100	12,700	5,950	4,000
24	2,130	1,910	1,950	1,900	1,720	1,850	7,840	12,600	24,500	12,100	5,710	3,780
25	2,120	2,690	2,050	1,900	1,730	1,860	8,190	13,400	24,000	11,600	5,640	3,570
26	2,060	2,470	2,100	1,900	1,670	1,940	8,160	15,000	22,500	11,300	5,680	3,370
27	1,970	2,180	2,100	1,880	1,630	2,230	8,330	17,000	21,200	11,000	5,660	3,240
28	1,930	2,060	2,100	1,840	1,550	1,990	7,760	19,400	19,500	10,600	5,610	3,120
29	1,950	2,000	2,110	1,820		1,910	6,220	20,400	17,200	10,400	6,040	3,010
30	1,930	2,070	2,090	1,830		1,950	5,950	21,600	14,600	10,000	6,500	2,990
31	1,890		2,110	1,890		2,000		21,500		9,750	6,270	

MEAN	2,513	1,927	1,976	1,845	1,767	1,724	4,782	15,409	20,563	14,015	7,231	5,014
ACRE- FEET	154,500	114,600	121,500	113,400	98,120	106,000	284,500	947,500	1224,000	861,700	444,600	298,400

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

SNAKE RIVER ABOVE RESERVOIR NEAR ALPINE, WYO.

YEAR
OR
PERIOD
MEAN
ACRE-FOOT
6,587
4,768,600

Plate No. 28

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	371	301	352	446	320	215	233	1,310	3,710	2,520	1,080	630
2	352	286	326	384	270	210	237	1,600	3,500	2,520	1,050	620
3	343	294	318	335	247	210	244	1,980	3,500	2,600	1,010	640
4	335	294	314	300	220	200	233	2,520	3,060	2,580	970	635
5	339	314	301	250	227	189	247	2,500	2,970	2,390	943	610
6	384	309	268	200	230	177	271	2,070	2,940	2,290	936	590
7	361	309	275	180	240	183	322	2,200	3,270	2,250	908	590
8	343	305	305	210	247	227	371	2,650	3,460	2,170	978	590
9	343	301	297	240	247	237	440	2,630	3,820	2,070	964	575
10	394	330	301	270	282	214	547	2,820	3,460	2,040	887	565
11	361	297	301	300	290	177	621	2,670	3,730	2,020	856	560
12	371	326	279	320	261	186	584	3,050	3,480	1,950	838	555
13	371	301	250	320	247	201	507	3,180	3,750	1,890	820	540
14	361	286	257	320	240	192	518	3,210	4,120	1,840	820	535
15	335	268	343	310	250	192	634	3,290	4,580	1,790	802	530
16	330	301	366	340	250	189	691	3,580	4,820	1,740	772	525
17	330	301	357	360	244	192	736	3,430	4,880	1,710	760	525
18	330	301	330	360	244	165	830	2,990	5,170	1,710	754	515
19	330	294	318	355	240	171	824	2,610	6,170	1,680	742	515
20	322	290	286	350	224	174	797	2,220	5,650	1,640	724	505
21	330	294	318	345	186	171	736	1,760	4,410	1,700	712	505
22	335	268	335	340	180	171	756	2,430	4,440	1,540	706	500
23	326	297	290	330	214	168	770	2,430	4,580	1,510	688	495
24	348	380	330	325	247	211	824	2,360	4,640	1,430	676	485
25	335	530	339	320	261	211	900	2,620	4,360	1,360	670	470
26	314	425	352	315	250	217	878	2,900	4,120	1,300	652	475
27	297	380	384	310	235	244	783	3,230	3,940	1,250	640	470
28	301	335	440	310	220	230	717	3,100	3,640	1,220	635	470
29	305	335	456	330		224	783	3,590	3,150	1,180	718	465
30	305	348	462	340		230	921	3,640	2,620	1,150	712	470
31	305		468	340		247		4,020		1,110	652	

MEAN	339	320	333	315	243	201	598	2,729	3,998	1,811	809	538
ACRE-Feet	20,840	19,040	20,470	19,350	13,510	12,350	35,610	167,800	237,900	111,400	49,740	32,040

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

GREYS RIVER ABOVE RESERVOIR NEAR ALPINE, WYO.

MEAN 1,020
ACRE-Feet 740,000

Plate No 29

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	696	613	683	541	545	453	613	2,300	3,790	2,470	1,090	1,010
2	692	607	661	503	549	435	602	2,550	3,610	2,310	1,070	1,070
3	685	602	655	490	544	449	599	2,810	3,430	2,240	1,050	1,070
4	684	597	647	435	521	454	594	3,120	3,340	2,220	1,030	1,100
5	687	603	638	360	508	442	603	3,270	3,230	2,210	1,020	1,050
6	705	612	626	223	507	435	625	3,090	3,220	2,140	991	1,020
7	705	628	613	180	509	422	693	3,160	3,260	2,050	987	1,020
8	697	640	653	201	505	443	823	3,250	3,230	2,010	1,030	1,020
9	702	633	658	269	486	433	929	3,400	3,240	1,960	1,020	1,030
10	764	652	650	318	508	446	1,080	3,490	3,290	1,900	1,010	1,010
11	751	645	627	397	510	448	1,250	3,480	3,590	1,850	1,000	982
12	711	647	601	443	500	456	1,180	3,530	3,770	1,800	976	971
13	697	637	546	419	499	493	1,110	3,650	3,630	1,760	966	962
14	683	629	572	381	499	486	1,160	3,650	3,470	1,730	961	945
15	672	615	585	407	505	479	1,290	3,680	3,360	1,680	958	936
16	663	621	590	460	503	469	1,400	3,750	3,340	1,610	932	937
17	660	622	583	510	496	475	1,550	3,710	3,350	1,560	922	931
18	654	624	577	450	508	445	1,540	3,540	3,350	1,530	930	930
19	649	620	571	662	502	445	1,530	3,270	3,400	1,520	931	926
20	647	615	536	608	498	444	1,480	3,040	3,440	1,490	925	924
21	648	611	560	578	479	452	1,510	2,840	3,410	1,520	943	930
22	656	593	563	567	454	456	1,650	3,110	3,360	1,500	956	923
23	663	615	515	568	471	498	1,660	3,160	3,290	1,560	955	914
24	685	706	537	557	482	554	1,800	2,960	3,310	1,490	943	900
25	684	833	528	553	483	558	1,980	2,910	3,320	1,450	940	897
26	659	818	508	551	473	571	2,000	2,930	3,270	1,400	939	894
27	634	729	537	542	460	637	1,800	3,030	3,210	1,360	936	893
28	621	690	544	535	464	612	1,760	3,250	3,230	1,310	955	907
29	621	677	539	530	-----	595	1,860	3,380	3,150	1,270	1,010	906
30	619	690	535	527	-----	606	2,060	3,720	2,790	1,200	1,070	909
31	616	-----	540	537	-----	638	-----	3,770	-----	1,120	1,050	-----
TOTAL	20,910	19,424	18,178	14,506	13,968	15,234	38,731	100,800	100,680	53,220	30,496	28,844
MEAN	675	647	586	468	499	491	1,291	3,252	3,356	1,717	984	961
MAX	764	833	683	662	549	638	2,060	3,770	3,790	2,470	1,090	1,100
MIN	616	593	508	180	454	422	594	2,300	2,790	1,120	922	893
AC-FT	41,470	38,530	36,060	28,770	27,710	76,820	199,900	199,700	105,600	60,490	57,210	57,210
CAL YR 1970	TOTAL 275,220	MEAN 754	MAX 2,290	MIN 331	AC-FT 545,900							
WTR YR 1971	TOTAL 454,991	MEAN 1,247	MAX 3,790	MIN 180	AC-FT 902,500							

SALT RIVER ABOVE RESERVOIR NEAR ETNA, WYOMING

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	28	31	26	30	25	50	320	472	189	81	52
2	33	27	31	25	30	25	49	407	434	181	80	51
3	33	27	30	25	30	25	48	494	432	176	79	58
4	33	27	29	25	29	24	49	582	420	166	78	54
5	35	27	28	23	28	24	54	550	405	162	77	51
6	36	29	27	20	28	23	66	522	401	154	76	49
7	34	29	27	20	28	23	86	582	395	152	82	51
8	33	29	30	23	28	23	105	607	401	146	79	49
9	35	29	29	24	29	22	123	601	405	144	71	48
10	40	32	28	27	29	22	154	582	399	138	69	47
11	36	29	27	28	27	22	159	597	412	136	67	46
12	36	29	26	27	27	24	142	631	387	130	66	45
13	35	28	26	25	27	30	132	629	370	128	65	45
14	34	27	27	24	28	26	142	643	364	122	63	44
15	32	26	27	25	29	25	168	665	355	121	62	45
16	32	27	27	25	29	23	176	646	346	115	61	45
17	32	27	27	35	29	24	192	582	345	114	60	45
18	31	27	27	36	28	24	178	495	332	114	60	45
19	31	26	28	32	28	23	170	445	310	109	59	44
20	31	26	28	35	28	23	163	421	294	112	57	44
21	31	26	27	33	28	23	157	420	289	112	55	44
22	32	25	27	32	27	24	172	430	282	105	55	43
23	32	25	27	32	27	29	179	401	277	98	59	43
24	32	40	27	30	28	33	200	413	265	98	54	42
25	31	61	27	23	27	30	215	437	250	95	52	42
26	30	44	27	28	26	41	212	479	239	92	52	42
27	30	37	27	27	25	50	195	539	236	99	53	42
28	29	33	27	26	25	45	186	553	227	87	53	41
29	28	31	27	26	-----	44	201	547	210	85	62	41
30	28	33	26	25	-----	49	243	508	197	83	59	45
31	28	-----	25	29	-----	53	-----	478	-----	81	53	-----
TOTAL	1,007	911	854	847	782	901	4,366	16,206	10,151	3,839	1,999	1,383
MEAN	32.5	30.4	27.5	27.3	27.9	29.1	146	523	338	124	64.5	46.1
MAX	40	61	31	36	30	53	243	665	472	189	82	58
MIN	28	25	25	20	25	22	48	320	197	81	52	41
CFSM	.42	.39	.36	.35	.36	.38	1.89	6.78	4.38	1.61	.84	.60
IN.	.49	.44	.41	.41	.38	.43	2.11	7.82	4.90	1.85	.96	.67
AC-FT	2,000	1,810	1,690	1,680	1,550	1,790	8,660	32,140	20,130	7,610	3,970	2,740
CAL YR 1970	TOTAL 30,196	MEAN 82.7	MAX 704	MIN 16	CFSM 1.07	IN 14.57	AC-FT 55,890					
WTR YR 1971	TOTAL 48,246	MEAN 118	MAX 665	MIN 20	CFSM 1.53	IN 20.87	AC-FT 85,780					

BEAR CREEK ABOVE RESERVOIR NEAR IRWIN, IDAHO

Plate N° 31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.121	1.131	1.164	1.173	1.167	1.086	786.8	319.7	764.0	1.363	1.384	1.353
2	1.123	1.132	1.165	1.173	1.165	1.081	763.0	321.8	781.5	1.362	1.382	1.352
3	1.123	1.132	1.166	1.172	1.163	1.076		328.0	795.5	1.369	1.380	1.353
4	1.124	1.133	1.167	1.170	1.161	1.071	719.0	338.6	807.3	1.377	1.378	1.353
5	1.124	1.134	1.167	1.169	1.159	1.066	694.2	349.9	818.3	1.382	1.377	1.353
6	1.125	1.134	1.168	1.167	1.157	1.061	668.4	359.8	831.3	1.385	1.376	1.352
7	1.124	1.135	1.169	1.166	1.154	1.056	643.1	371.4	847.3	1.386	1.375	1.350
8	1.124	1.136	1.170	1.166	1.152	1.050	618.6	386.5	867.7	1.384	1.375	1.349
9	1.124	1.137	1.172	1.166	1.150	1.045	597.2	403.2	891.7	1.381	1.375	1.348
10	1.124	1.138	1.173	1.167	1.148	1.039	577.0	421.3	919.2	1.387	1.376	1.346
11	1.123	1.139	1.173	1.167	1.145	1.034	558.1	439.6	949.5	1.396	1.376	1.344
12	1.122	1.140	1.174	1.168	1.143	1.029	538.3	459.6	977.0	1.399	1.375	1.342
13	1.123	1.141	1.173	1.168	1.140	1.025	518.2	480.3	1.001	1.401	1.375	1.340
14	1.122	1.142	1.173	1.168	1.138	1.021	498.7	500.1	1.027	1.401	1.373	1.337
15	1.122	1.142	1.173	1.168	1.136	1.016	481.6	518.9	1.054	1.401	1.370	1.335
16	1.121	1.143	1.173	1.169	1.133	1.011	466.1	539.6	1.082	1.401	1.368	1.332
17	1.121	1.143	1.174	1.170	1.130	1.006	452.4	558.1	1.110	1.400	1.366	1.330
18	1.120	1.144	1.174	1.171	1.126	1.001	439.2	570.7	1.141	1.400	1.364	1.327
19	1.120	1.145	1.174	1.172	1.123	995.1	425.9	578.6	1.173	1.399	1.362	1.325
20	1.119	1.146	1.174	1.172	1.120	989.1	412.3	584.5	1.203	1.398	1.360	1.322
21	1.120	1.147	1.174	1.172	1.116	983.9	399.7	587.2	1.229	1.397	1.359	1.318
22	1.120	1.147	1.175	1.171	1.112	978.6	388.9	593.7	1.255	1.395	1.358	1.313
23	1.122	1.148	1.174	1.172	1.108	974.2	379.0	598.0	1.281	1.394	1.356	1.308
24	1.124	1.150	1.173	1.171	1.105	966.3	371.0	600.5	1.307	1.393	1.355	1.302
25	1.125	1.154	1.173	1.170	1.102	945.6	364.6	605.5	1.329	1.392	1.354	1.296
26	1.126	1.156	1.173	1.170	1.098	920.1	357.9	615.5	1.345	1.392	1.353	1.290
27	1.127	1.158	1.172	1.170	1.094	894.6	350.5	631.7	1.358	1.392	1.352	1.284
28	1.128	1.160	1.172	1.169	1.091	868.6	341.7	655.5	1.368	1.391	1.351	1.278
29	1.128	1.161	1.173	1.168		842.5	330.3	681.2	1.371	1.390	1.352	1.272
30	1.129	1.163	1.173	1.167		825.6	321.9	711.7	1.383	1.388	1.353	
31	1.130		1.173	1.167		811.3		739.7		1.387	1.353	1.267

Contents in thousands of acre-feet.

MEAN												
ACRE- FEET												

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

Palisades Reservoir near Irwin, Idaho

YEAR
OR
PERIOD

MEAN
ACRE-
FEET

Plate No. 32

SNAKE RIVER NEAR IRWIN, IDAHO

NUMBER 13032500

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4,740	2,850	2,810	2,760	3,240	4,860	14,900	16,000	17,300	21,500	13,300	8,120
2	4,740	2,850	2,800	2,760	3,830	4,900	14,700	16,000	17,300	19,800	12,800	8,160
3	4,740	2,840	2,810	2,760	3,950	4,920	14,000	16,000	17,200	18,600	12,300	8,140
4	4,740	2,840	2,830	2,760	3,910	4,940	14,000	16,000	17,300	19,200	12,200	8,160
5	4,760	2,840	2,830	2,770	3,870	4,970	15,300	16,000	17,300	21,000	11,900	8,190
6	4,540	2,860	2,820	2,770	3,870	4,940	16,000	16,000	17,400	22,100	11,700	8,200
7	4,530	2,860	2,820	2,760	3,870	4,960	16,000	15,800	17,300	22,900	11,600	8,210
8	4,560	2,860	2,820	2,750	3,840	5,200	16,000	16,000	17,300	22,900	11,200	8,230
9	4,560	2,870	2,790	2,740	3,960	5,260	16,000	16,000	17,400	21,500	10,900	8,220
10	4,250	2,860	2,820	2,750	3,970	5,180	16,000	16,000	17,400	16,900	10,500	8,260
11	4,210	2,860	2,810	2,750	4,010	5,140	16,000	15,900	17,400	15,700	10,300	8,260
12	4,240	2,870	2,850	2,750	3,880	5,080	16,000	16,200	17,400	18,800	10,300	8,260
13	3,840	2,870	2,800	2,740	4,000	5,110	16,100	17,100	17,400	18,000	10,200	8,300
14	3,830	2,860	2,800	2,750	4,010	5,070	16,000	17,200	17,200	18,000	10,100	8,320
15	3,820	2,860	2,790	2,740	4,010	5,110	16,000	17,400	17,400	17,800	10,100	8,310
16	3,810	2,870	2,810	2,740	4,020	4,990	15,900	17,400	17,400	17,600	9,770	8,330
17	3,820	2,850	2,810	2,740	4,340	5,010	16,000	17,400	17,800	18,000	9,540	8,330
18	3,820	2,850	2,810	2,710	4,350	5,020	16,000	17,400	18,200	17,900	9,370	8,360
19	3,820	2,830	2,790	3,170	4,340	5,300	16,000	17,400	18,200	17,900	9,260	8,350
20	3,400	2,830	2,790	3,250	4,340	5,300	16,000	17,200	18,200	17,900	8,960	8,370
21	3,390	2,840	2,800	3,250	4,340	5,160	16,000	17,900	18,700	17,800	8,720	8,390
22	3,300	2,830	2,810	3,260	4,330	5,330	16,000	17,800	19,500	17,600	8,730	8,390
23	2,880	2,830	2,800	3,240	4,340	5,320	16,000	17,600	20,100	16,800	8,550	8,420
24	2,830	2,840	2,800	3,250	4,350	6,920	16,000	17,800	20,600	16,100	8,400	8,430
25	2,820	2,830	2,800	3,250	4,360	12,800	16,000	17,700	21,600	15,300	8,390	8,430
26	2,840	2,840	2,790	3,270	4,360	16,000	16,000	17,600	22,600	14,300	8,400	8,460
27	2,820	2,800	2,770	3,250	4,340	16,000	16,000	17,300	22,700	13,800	8,210	7,970
28	2,820	2,800	2,760	3,260	4,330	16,000	16,000	17,100	22,600	13,800	8,110	7,590
29	2,810	2,800	2,770	3,240	-----	16,000	16,000	17,200	22,500	13,800	8,100	7,660
30	2,830	2,800	2,770	3,240	-----	11,900	15,900	17,200	22,600	13,500	8,100	7,690
31	2,840	-----	2,760	3,240	-----	10,400	-----	17,200	-----	13,300	8,110	-----
TOTAL	116,950	85,290	86,840	91,670	114,360	273,090	472,800	522,800	563,300	550,100	308,120	246,510
MEAN	3,773	2,843	2,801	2,957	4,084	7,196	15,760	16,860	18,780	17,750	9,939	8,217
MAX	4,760	2,870	2,850	3,270	4,360	16,000	16,100	17,900	22,700	22,900	13,300	8,460
MIN	2,810	2,800	2,760	2,710	3,240	4,860	14,000	15,800	17,200	13,300	8,100	7,590
AC-FT	232,000	169,200	172,200	181,800	226,800	442,500	937,800	1,037M	1,117M	1,091M	611,200	489,000
CAL YR 1970	TOTAL 2,353,950	MEAN 6,449	MAX 23,200	MIN 1,060	AC-FT 4,669,000							
WTR YR 1971	TOTAL 3,381,830	MEAN 9,265	MAX 22,900	MIN 2,710	AC-FT 6,708,000							

SNAKE RIVER NEAR IRWIN, IDAHO

Plate No. 33

Snake River near Heise, Idaho

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5,060	3,050	3,160	3,050	3,690	5,060	15,300	17,400	19,600	23,300	14,400	8,780
2	5,060	3,050	3,190	3,040	4,040	5,230	16,400	17,600	19,400	21,300	14,100	8,880
3	5,010	3,050	3,160	3,040	4,460	5,290	15,000	17,900	19,200	19,400	13,400	8,980
4	5,010	3,050	3,100	3,040	4,440	5,310	14,900	18,200	19,300	19,400	13,300	9,050
5	5,040	3,050	3,140	3,040	4,310	5,310	15,700	18,200	19,300	21,500	13,000	9,080
6	4,960	3,080	3,080	3,040	4,340	5,340	16,900	18,000	19,300	22,700	12,700	9,080
7	4,820	3,190	3,100	3,040	4,310	5,370	17,000	17,900	19,300	23,900	12,700	9,180
8	4,820	3,140	3,140	3,040	4,280	5,590	17,100	18,200	19,300	23,900	12,300	9,180
9	4,870	3,140	3,160	3,010	4,340	5,680	17,100	18,300	19,300	23,300	11,900	9,150
10	4,720	3,160	3,120	3,010	4,440	5,590	17,200	18,200	19,300	19,200	11,500	9,150
11	4,540	3,100	3,100	3,030	4,380	5,570	17,100	18,300	19,300	15,600	11,300	9,150
12	4,560	3,100	3,050	3,080	4,340	5,590	17,100	18,500	19,400	19,000	11,200	9,150
13	4,340	3,080	3,100	3,050	4,380	5,590	17,000	19,300	19,300	19,100	11,100	9,150
14	4,140	3,140	3,100	3,010	4,480	5,510	17,000	19,600	19,100	18,300	10,900	9,150
15	4,110	3,100	3,140	3,010	4,480	5,480	17,200	19,700	19,200	18,800	10,900	9,080
16	4,110	3,120	3,120	3,100	4,440	5,540	17,000	19,800	19,100	18,200	10,700	9,080
17	4,140	3,140	3,120	3,100	4,590	5,430	17,200	19,700	19,200	18,700	10,200	9,080
18	4,140	3,160	3,100	3,100	4,740	5,400	17,200	19,300	19,700	18,700	10,100	9,080
19	4,140	3,080	3,050	3,390	4,720	5,510	17,100	19,000	19,700	18,700	9,820	9,120
20	3,840	3,030	3,100	3,670	4,790	5,710	17,100	18,800	19,500	18,900	9,680	9,080
21	3,670	3,100	3,100	3,670	4,690	5,650	17,000	19,300	19,600	18,800	9,120	9,050
22	3,670	3,120	3,140	3,690	4,660	5,770	17,000	20,200	20,600	18,600	9,120	8,980
23	3,340	3,120	3,100	3,640	4,660	5,860	16,900	19,400	21,000	17,800	9,080	8,980
24	3,140	3,230	3,100	3,670	4,720	6,560	17,100	19,900	21,700	17,000	8,810	8,950
25	3,100	3,340	3,080	3,620	4,740	11,400	17,200	20,000	22,200	16,400	8,880	8,950
26	3,120	3,250	3,010	3,670	4,690	17,000	17,200	19,900	23,900	15,400	8,880	8,980
27	3,050	3,210	3,050	3,670	4,660	17,100	17,100	20,000	24,000	14,800	8,780	8,740
28	3,050	3,140	3,080	3,670	4,690	17,100	17,000	19,600	23,900	14,800	8,570	7,980
29	3,030	3,160	3,100	3,670		17,100	17,000	19,500	23,900	14,800	8,710	7,980
30	3,030	3,210	3,100	3,640		14,800	17,000	20,100	23,900	14,600	8,740	8,070
31	3,100		3,080	3,710		10,600	17,000	19,900		14,400	8,780	

MEAN	4,088	3,130	3,105	3,297	4,482	7,679	16,800	19,000	20,380	18,690	10,730	8,940
ACRE- FEET	251,400	186,200	191,000	202,700	248,900	472,200	999,900	1,170,000	1,213,000	1,149,000	659,900	532,200

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

SNAKE RIVER NEAR HEISE, IDAHO

MEAN
OF
PERIOD
10,050
7,280,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5,060	3,050	3,160	3,050	3,690	5,060	15,300	17,400	19,600	23,300	14,400	8,780
2	5,060	3,050	3,190	3,040	4,040	5,230	16,400	17,600	19,400	21,300	14,100	8,880
3	5,010	3,050	3,160	3,040	4,460	5,290	15,000	17,900	19,200	19,400	13,400	8,980
4	5,010	3,050	3,100	3,040	4,440	5,310	14,900	18,200	19,300	19,400	13,300	9,050
5	5,040	3,050	3,140	3,040	4,310	5,310	15,700	18,200	19,300	21,500	13,000	9,080
6	4,960	3,080	3,080	3,040	4,340	5,340	16,900	18,000	19,300	22,700	12,700	9,080
7	4,820	3,190	3,100	3,040	4,310	5,370	17,000	17,900	19,300	23,900	12,700	9,180
8	4,820	3,140	3,140	3,040	4,280	5,590	17,100	18,200	19,300	23,900	12,300	9,180
9	4,870	3,140	3,160	3,010	4,340	5,680	17,100	18,300	19,300	23,300	11,900	9,150
10	4,720	3,160	3,120	3,010	4,440	5,590	17,200	18,200	19,300	19,200	11,500	9,150
11	4,540	3,100	3,100	3,030	4,380	5,570	17,100	18,300	19,300	15,600	11,300	9,150
12	4,560	3,100	3,050	3,080	4,340	5,590	17,100	18,500	19,400	19,000	11,200	9,150
13	4,340	3,080	3,100	3,050	4,380	5,590	17,000	19,300	19,300	19,100	11,100	9,150
14	4,140	3,140	3,100	3,010	4,480	5,510	17,000	19,600	19,100	18,300	10,900	9,150
15	4,110	3,100	3,140	3,010	4,480	5,480	17,200	19,700	19,200	18,800	10,900	9,080
16	4,110	3,120	3,120	3,100	4,440	5,540	17,000	19,800	19,100	18,200	10,700	9,080
17	4,140	3,140	3,120	3,100	4,590	5,430	17,200	19,700	19,200	18,700	10,200	9,080
18	4,140	3,160	3,100	3,100	4,740	5,400	17,200	19,300	19,700	18,700	10,100	9,080
19	4,140	3,080	3,050	3,390	4,720	5,510	17,100	19,000	19,700	18,700	9,820	9,120
20	3,840	3,030	3,100	3,670	4,790	5,710	17,100	18,800	19,500	18,900	9,680	9,080
21	3,670	3,100	3,100	3,670	4,690	5,650	17,000	19,300	19,600	18,800	9,120	9,050
22	3,670	3,120	3,140	3,690	4,660	5,770	17,000	20,200	20,600	18,600	9,120	8,980
23	3,340	3,120	3,100	3,640	4,660	5,860	16,900	19,400	21,000	17,800	9,080	8,980
24	3,140	3,230	3,100	3,670	4,720	6,560	17,100	19,900	21,700	17,000	8,810	8,950
25	3,100	3,340	3,080	3,620	4,740	11,400	17,200	20,000	22,200	16,400	8,880	8,950
26	3,120	3,250	3,010	3,670	4,690	17,000	17,200	19,900	23,900	15,400	8,880	8,980
27	3,050	3,210	3,050	3,670	4,660	17,100	17,100	20,000	24,000	14,800	8,780	8,740
28	3,050	3,140	3,080	3,670	4,690	17,100	17,000	19,600	23,900	14,800	8,570	7,980
29	3,030	3,160	3,100	3,670		17,100	17,000	19,500	23,900	14,800	8,710	7,980
30	3,030	3,210	3,100	3,640		14,800	17,000	20,100	23,900	14,600	8,740	8,070
31	3,100		3,080	3,710		10,600	17,000	19,900		14,400	8,780	

MEAN	4,088	3,130	3,105	3,297	4,482	7,679	16,800	19,000	20,380	18,690	10,730	8,940
ACRE- FEET	251,400	186,200	191,000	202,700	248,900	472,200	999,900	1,170,000	1,213,000	1,149,000	659,900	532,200

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

SNAKE RIVER NEAR HEISE, IDAHO

MEAN
10,050
7,280,000

Plate N° 34

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								11,600	35,600	17,700		
2								14,200	32,400	24,000		
3								17,000	29,800	25,600		
4								19,800	28,600	26,200		
5								20,500	28,100	24,500		
6								19,800	28,700	24,400		
7								20,600	31,300	23,800		
8								23,000	32,600	21,900		
9								23,800	34,600	21,200		
10								24,800	37,200	22,600		
11								25,300	39,500	20,300		
12								26,500	41,100	20,400		
13								28,500	38,700	20,800		
14								28,400	38,900	18,800		
15								28,000	39,300	19,000		
16								29,100	39,800	17,800		
17								28,700	41,300	17,700		
18								24,500	43,800	18,300		
19								20,700	44,200	17,400		
20								19,000	41,800	17,600		
21								17,800	40,100	17,800		
22								21,600	42,300	16,700		
23								21,400	45,200	16,000		
24								21,000	47,800	15,100		
25								23,000	44,700	14,200		
26								26,500	41,000	13,800		
27								31,000	37,100	13,000		
28								35,500	38,200	12,300		
29								37,400	33,900	12,500		
30								40,200	35,200	11,300		
31								24,770		18,540		

MEAN	3,970	3,822	3,523	3,495	3,194	3,279	6,724	24,770	37,770	18,540	8,210	5,914
ACRE- FEET	244,100	227,400	216,600	214,900	177,400	201,600	400,100	1,523,000	2,247,200	1139,800	504,800	351,900

U. S. GOVERNMENT PRINTING OFFICE 16-60006-1
 SNAKE RIVER NEAR HEISE, IDAHO (Adjusted for storage
 in reservoirs)

PERIOD
 MEAN
 10,400
 ACRE-
 FEET 7,448,400

Plate No. 34A

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									86,800			
2												
3												
4												
5								84,100		89,200		
6												
7												
8												
9		76,100									88,100	
10												
11									88,300			
12												
13												
14												
15			80,600							88,400		
16												84,500
17							81,000					
18				82,800	80,400							
19												
20												
21												
22				83,000								
23												
24												
25												
26												
27												
28												
29												
30												
31	*75,600	*78,700	*81,600	*82,100	*80,100	*80,000	*83,000	*85,500	90,400	*88,200	*86,100	*83,500

* Interpolated

MEAN												
ACRE-												
FEET												

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

HENRYS LAKE NEAR LAKE, IDAHO

YEAR
OR
PERIOD

MEAN
ACRE-FOOT

Plate No. 35

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25	13	14	19	98	54	51	60	121	262	77	109
2	25	13	15	19	97	54	51	62	125	260	76	109
3	25	13	15	20	97	54	51	62	123	257	76	111
4	25	13	15	20	97	53	51	61	126	255	76	112
5	25	13	15	20	95	53	51	61	128	253	74	109
6	25	13	15	21	95	53	51	61	132	248	80	109
7	25	13	15	21	95	51	53	61	134	228	91	109
8	25	13	16	20	94	51	53	77	136	187	93	109
9	24	13	16	20	94	51	54	115	138	183	90	107
10	24	13	15	20	94	51	53	115	155	179	87	107
11	24	13	16	20	94	51	53	115	185	177	98	106
12	24	13	16	20	93	53	51	115	197	173	126	104
13	24	12	17	21	93	53	53	115	208	171	125	103
14	20	12	17	21	93	51	54	115	208	171	119	101
15	13	12	17	21	93	51	56	115	210	167	117	98
16	13	12	18	21	91	50	56	117	208	134	115	98
17	13	12	18	21	91	51	54	117	210	86	117	98
18	13	13	18	21	91	51	54	117	210	88	114	98
19	13	13	18	48	76	51	53	115	213	84	111	98
20	13	13	18	104	55	51	54	112	213	86	111	98
21	13	13	18	103	55	51	54	115	221	91	109	97
22	13	13	19	101	55	51	55	114	219	84	107	95
23	13	13	19	101	55	51	56	112	221	86	107	98
24	13	14	19	101	55	51	56	111	224	88	106	97
25	13	14	19	101	55	50	57	111	224	88	106	97
26	13	13	19	100	54	53	56	111	226	86	104	97
27	13	13	19	100	54	53	55	111	244	87	106	97
28	13	13	19	100	54	51	55	111	248	90	104	97
29	13	12	19	98	51	53	56	114	253	83	109	97
30	13	14	19	98	53	53	59	115	255	81	111	97
31	13		19	98		51		117		80	111	

MEAN	18.1	12.9	17.2	52.2	80.8	51.7	53.9	101	190	148	102	102
ACRE-Feet	1,110	768	1,060	3,210	4,490	3,180	3,210	6,210	11,340	9,110	6,250	6,070

U. S. GOVERNMENT PRINTING OFFICE 16-60006-1
HENRYS FORK NEAR LAKE, IDAHO

MEAN
PERIOD
77.4
56,000

Plate N° 36

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	72.200	73.000	90.500	109.800	116.600	117.400	130.400	135.200	141.300	138.000	129.200	109.000
2	72.200	73.000	91.700	110.200	116.600	117.400	130.600	135.500	141.800	137.800	128.400	108.400
3	72.200	73.000	92.900	110.500	116.700	117.500	130.900	136.100	141.300	137.600	128.300	108.000
4	72.200	72.900	94.100	110.900	116.800	117.700	131.000	136.500	140.800	137.500	127.000	107.700
5	72.200	72.800	95.000	111.200	116.900	118.100	131.100	137.200	140.500	137.200	126.300	107.200
6	72.300	72.900	96.100	111.600	116.900	118.400	131.600	137.600	140.400	137.100	125.600	106.700
7	72.300	72.900	97.100	112.000	116.900	118.700	132.000	138.300	140.200	136.700	123.600	106.500
8	72.200	72.900	98.200	112.400	116.900	118.900	132.300	139.200	140.100	136.500	124.200	106.100
9	72.200	72.900	98.900	112.800	116.800	119.200	132.600	140.300	140.000	136.300	123.600	105.600
10	72.300	73.300	98.500	113.300	116.900	119.500	132.800	141.000	140.000	136.200	122.900	105.200
11	72.400	73.300	100.000	113.800	117.100	119.800	133.000	142.200	140.200	136.000	122.000	104.500
12	72.400	73.300	100.500	114.300	117.200	120.400	133.100	143.000	140.400	135.800	121.300	103.900
13	72.400	73.300	101.000	114.900	117.200	121.200	133.200	143.400	140.500	135.600	120.700	103.300
14	72.400	73.300	101.400	115.300	117.300	122.000	133.300	143.500	140.400	135.500	120.100	102.700
15	72.600	73.300	101.800	115.800	117.400	122.600	133.400	142.800	140.000	135.400	119.400	102.000
16	72.600	73.300	102.400	116.300	117.600	122.900	133.700	143.500	139.800	135.400	118.700	101.400
17	72.500	74.100	102.900	116.500	117.500	123.600	133.800	142.800	139.500	135.400	118.000	100.700
18	72.500	75.000	103.300	116.600	117.700	123.900	134.000	142.100	139.400	135.200	117.400	100.100
19	72.400	76.400	103.800	116.400	117.700	124.300	133.900	141.200	139.100	135.000	116.600	99.500
20	72.400	77.500	104.200	116.300	117.700	124.700	134.000	140.300	139.000	135.000	115.900	99.000
21	72.300	78.600	104.800	116.100	117.600	125.200	134.200	139.200	138.700	134.900	115.200	98.300
22	72.400	79.600	105.400	116.300	117.600	125.700	134.100	139.100	138.200	134.800	114.400	97.800
23	72.500	80.500	105.800	116.300	117.400	126.300	134.300	139.100	138.200	134.700	113.600	97.200
24	72.700	81.400	106.300	116.300	117.300	126.800	134.600	138.900	138.500	134.600	112.900	96.800
25	72.900	82.800	106.700	116.300	117.400	127.300	134.600	138.800	138.000	134.600	112.200	96.100
26	73.200	84.200	107.200	116.400	117.400	128.000	134.600	138.700	137.900	134.200	111.500	95.600
27	73.200	85.300	107.600	116.300	117.400	128.600	134.600	138.900	138.300	133.400	110.900	95.000
28	73.200	86.600	108.000	116.400	117.400	128.800	134.600	139.100	138.500	132.700	110.300	94.600
29	73.200	87.900	108.600	116.500		129.200	134.600	139.300	138.500	131.900	110.100	94.000
30	73.200	89.300	109.000	116.500		129.800	134.900	140.100	138.400	131.000	119.900	93.700
31	73.100		109.400	116.600		130.200		141.200		130.000	119.700	

[illegible]

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

16-60066-1

ISLAND PARK RESERVOIR NEAR ISLAND PARK, IDAHO

YEAR
OR
PERIOD

MEAN _____
ACRE-FEET _____

Plate N° 37

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	669	616	15	315	568	568	385	848	2,040	1,350	1,020	920
2	658	610	15	315	568	480	409	914	2,070	1,310	1,020	926
3	658	610	15	315	568	376	423	1,000	1,960	1,300	980	926
4	658	610	15	315	568	376	443	1,090	1,840	1,260	962	926
5	653	610	15	315	568	376	352	1,190	1,780	1,240	962	920
6	653	605	17	315	568	376	343	1,300	1,750	1,210	956	914
7	653	600	17	315	568	376	390	1,420	1,720	1,110	950	908
8	653	600	203	315	568	376	428	1,600	1,700	1,090	950	896
9	653	600	320	315	568	376	457	1,780	1,700	1,060	950	890
10	648	600	315	315	568	385	486	1,970	1,710	1,020	950	884
11	648	600	315	315	568	318	511	2,190	1,750	986	944	872
12	642	600	315	315	568	284	531	2,340	1,780	950	944	866
13	642	600	315	315	568	284	542	2,410	1,780	938	944	860
14	545	600	315	310	568	284	552	2,390	1,760	926	938	854
15	637	600	315	422	568	284	579	2,310	1,700	908	938	842
16	637	289	315	573	568	284	610	2,320	1,680	896	932	836
17	637	12	315	568	568	284	637	2,230	1,610	872	932	830
18	637	12	315	568	568	288	648	2,070	1,600	824	932	830
19	632	12	315	568	568	288	642	1,900	1,540	800	932	836
20	632	12	315	568	568	288	658	1,720	1,500	778	932	836
21	626	12	315	568	568	288	674	1,570	1,450	772	932	830
22	626	12	315	568	568	288	679	1,540	1,440	756	932	836
23	626	12	315	568	568	288	690	1,520	1,440	734	932	836
24	626	12	315	568	568	288	745	1,460	1,390	723	932	842
25	626	12	315	568	568	288	750	1,450	1,360	848	932	842
26	626	12	315	568	568	292	750	1,440	1,310	980	932	836
27	621	115	315	568	568	324	745	1,470	1,410	980	932	842
28	616	115	315	568	568	362	745	1,530	1,470	986	932	842
29	616	115	315	568	568	315	756	1,570	1,470	1,020	932	842
30	616	115	315	568	568	329	794	1,710	1,420	974	932	605
31	616	115	315	568	568	362		1,940		1,030	926	

MEAN	635	318	244	449	568	335	578	1,684	1,638	988	946	858
ACRE- FEET	39,050	18,900	15,900	27,600	31,550	20,580	34,420	103,500	97,450	60,760	58,140	51,030

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

HENRYS FORK NEAR ISLAND PARK, IDAHO

YOGARE
OR
PERIOD
MEAN
ACRE-
FEET
558,000

HENRY'S FORK NEAR ASHTON, IDAHO

NUMBER 13046000

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,500	1,430	868	1,070	1,320	1,310	1,210	3,230	4,310	2,500	2,210	2,170
2	1,460	1,440	868	964	1,330	1,260	1,230	3,670	4,090	2,460	2,170	2,170
3	1,460	1,430	854	935	1,370	1,200	1,270	3,960	3,890	2,420	2,150	2,250
4	1,480	1,420	868	881	1,280	1,130	1,310	4,280	3,680	2,370	2,080	2,260
5	1,480	1,450	868	894	1,220	1,130	1,320	4,410	3,560	2,300	2,070	2,160
6	1,490	1,500	908	993	1,210	1,100	1,240	4,710	3,530	2,280	2,070	2,150
7	1,460	1,470	922	1,080	1,330	1,120	1,330	4,760	3,420	2,220	2,080	2,300
8	1,470	1,450	950	1,140	1,420	1,140	1,490	4,950	3,330	2,140	2,120	2,160
9	1,470	1,490	1,240	1,180	1,310	1,120	1,540	5,050	3,290	2,170	2,040	2,130
10	1,520	1,620	1,210	1,240	1,350	1,150	1,380	5,140	3,230	2,090	2,070	2,110
11	1,490	1,480	1,210	1,170	1,320	1,150	1,570	5,350	3,280	2,060	2,080	2,090
12	1,610	1,530	1,080	1,160	1,290	1,110	1,620	5,380	3,240	2,020	2,070	2,050
13	1,510	1,460	1,050	1,080	1,310	1,160	1,540	5,450	3,190	1,970	2,070	2,050
14	1,380	1,430	1,140	1,060	1,310	1,060	1,600	5,380	3,130	1,940	2,070	2,040
15	1,350	1,430	1,290	1,150	1,330	1,070	1,800	5,190	3,070	1,930	2,070	2,040
16	1,460	1,450	1,210	1,310	1,340	1,050	1,840	5,260	3,000	1,930	2,070	2,020
17	1,450	947	1,190	1,430	1,310	1,040	1,960	5,090	2,990	1,910	2,020	2,010
18	1,450	782	1,210	1,460	1,320	1,010	2,000	4,580	2,910	1,880	2,030	1,980
19	1,480	806	1,180	1,410	1,340	1,060	1,940	4,180	2,840	1,880	2,020	2,010
20	1,450	779	1,190	1,420	1,290	1,050	2,090	3,970	2,770	1,840	2,020	1,970
21	1,470	791	1,190	1,360	1,280	1,060	2,080	3,760	2,710	1,900	2,030	1,970
22	1,490	675	1,100	1,220	1,310	1,040	2,040	3,860	2,670	1,890	2,080	1,950
23	1,490	754	1,040	1,470	1,310	1,090	2,120	3,790	2,750	1,860	2,090	1,930
24	1,620	928	1,100	1,350	1,360	1,090	2,470	3,740	2,650	1,840	2,060	1,930
25	1,480	1,000	1,160	1,350	1,340	1,080	2,380	3,700	2,620	1,760	2,040	1,930
26	1,500	915	1,010	1,350	1,310	1,200	2,470	3,700	2,530	2,070	2,060	1,920
27	1,440	827	1,130	1,340	1,250	1,210	2,410	3,690	2,750	2,140	2,060	1,900
28	1,450	897	1,210	1,340	1,340	1,180	2,410	3,740	2,800	2,130	2,080	1,880
29	1,440	859	1,180	1,320	1,320	1,180	2,400	3,700	2,770	2,130	2,110	1,870
30	1,440	1,030	1,080	1,330	1,330	1,200	2,790	3,710	2,620	2,200	2,340	1,950
31	1,450	-----	1,160	1,320	1,310	1,210	-----	4,150	-----	2,210	2,160	-----
TOTAL	45,690	35,470	33,666	37,777	36,800	34,960	54,850	135,530	93,620	64,440	64,690	61,350
MEAN	1,474	1,182	1,086	1,219	1,314	1,128	1,828	4,372	3,121	2,079	2,087	2,045
MAX	1,620	1,620	1,290	1,470	1,420	1,310	2,790	5,450	4,310	2,500	2,340	2,300
MIN	1,350	675	854	881	1,210	1,010	1,210	3,230	2,530	1,760	2,020	1,870
AC-FT	90,630	70,350	66,780	74,930	72,990	69,340	108,800	268,800	185,700	127,800	128,300	121,700
CAL YR 1970	TOTAL	639,893	MEAN	1,753	MAX	4,960	MIN	675	AC-FT	1,269,000		
WTR YR 1971	TOTAL	698,843	MEAN	1,915	MAX	5,450	MIN	675	AC-FT	1,386,000		

HENRY'S FORK NEAR ASHTON, IDAHO

Plate No. 39

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3												
4												
5												
6												
7	11,400									15,300		
8												
9												
10												
11												
12												
13		11,500									15,000	
14												
15	11,400		11,700		12,300				13,100	15,300		
16									15,400			
17												
18												
19												
20												
21										15,300	14,600	
22												
23									15,400	15,200		
24												
25												
26												
27												
28												
29												
30												
31	11,400	11,700	*11,900	12,200	12,300 *12,300	12,500 *12,500	*12,700	*14,500	15,300	*15,200 *15,200	*14,000 *13,900	12,800

MEAN												
ACRE-												
FEET												

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

GRASSY LAKE NEAR MORAN, WYO.

YEAR
OR
PERIOD

MEAN
ACRE-
FEET

Plate No. 40

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	512	533	596	500	445	427	439	1,020	3,530	2,330	927	840
2	512	526	582	410	451	427	439	1,250	3,060	2,350	918	829
3	505	526	568	390	458	445	439	1,500	2,690	2,580	914	933
4	498	519	575	400	433	445	433	1,780	2,590	2,560	902	925
5	498	526	561	415	427	445	439	1,780	2,520	2,310	909	861
6	498	547	568	430	403	420	451	2,040	2,810	2,270	901	830
7	498	547	575	455	433	450	470	2,260	3,030	2,300	925	889
8	505	547	603	480	445	433	498	2,420	3,090	2,190	917	890
9	519	554	589	505	458	427	512	2,630	3,170	2,170	883	825
10	526	610	554	512	464	433	540	2,740	3,270	2,180	875	800
11	512	568	554	498	458	445	540	2,980	3,270	2,180	866	782
12	533	575	526	491	439	445	526	3,110	3,050	2,140	858	766
13	568	554	519	484	439	451	512	3,120	2,920	2,020	862	760
14	526	547	533	484	439	439	540	2,790	2,950	1,930	842	800
15	505	540	547	491	451	433	632	2,960	3,240	1,860	835	797
16	505	547	554	505	433	433	655	3,190	3,330	1,790	827	791
17	498	554	540	512	414	433	678	2,830	3,520	1,730	821	777
18	498	575	533	477	420	410	662	2,110	3,580	1,610	816	714
19	498	575	519	458	427	427	655	1,780	3,540	1,530	799	717
20	498	568	505	477	427	420	685	1,720	3,250	1,480	800	702
21	498	554	540	464	420	420	655	1,790	3,330	1,440	797	708
22	505	512	519	464	420	427	655	2,150	3,530	1,330	793	700
23	512	554	491	464	420	445	693	2,060	3,890	1,200	816	691
24	540	640	512	451	433	439	774	2,260	3,920	1,150	809	685
25	526	733	519	445	433	433	765	2,380	3,800	1,100	798	678
26	526	662	505	445	427	439	790	2,600	3,570	1,070	794	688
27	512	618	533	439	410	445	749	2,910	3,490	1,030	786	705
28	547	603	533	439	420	439	733	3,260	3,520	1,010	782	716
29	526	596	547	439		439	774	3,310	2,960	992	842	718
30	533	632	547	433		439	868	3,180	2,450	959	958	752
31	526		554	439		451		3,670		941	875	

MEAN	515	571	545	461	434	436	607	2,438	3,229	1,733	853	776
ACRE- FEET	31,660	34,000	33,520	28,360	24,090	26,790	36,100	149,900	192,100	106,600	52,460	46,150

U. S. GOVERNMENT PRINTING OFFICE 16-60005-1

FALLS RIVER NEAR SOURRELL, IDAHO

YEAR
OR
PERIOD

MEAN
ACRE-FOOT

1,052

761,800

Plate No 41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	418	550	657	540	510	500	532	1,250	4,010	1,920	406	544
2	418	538	636	460	510	490	520	1,550	3,390	1,880	400	526
3	406	538	615	420	500	490	520	1,820	2,800	2,060	395	664
4	406	532	608	420	490	500	514	2,190	2,600	2,200	375	752
5	418	562	601	430	480	500	526	2,190	2,500	1,970	375	657
6	484	601	601	450	470	500	562	2,470	2,720	1,880	365	622
7	436	601	608	470	500	500	601	2,800	3,010	1,910	395	650
8	390	594	636	510	520	510	643	3,120	3,040	1,800	412	685
9	385	601	629	540	530	500	650	3,170	3,090	1,690	380	601
10	424	671	601	550	540	484	713	3,390	3,110	1,710	355	585
11	412	629	594	540	540	484	692	3,590	3,170	1,700	332	580
12	418	643	562	540	520	496	657	3,760	3,010	1,670	323	570
13	496	608	565	540	520	514	622	3,890	2,770	1,530	323	560
14	436	594	570	540	520	496	643	3,280	2,740	1,400	328	605
15	406	574	580	540	520	478	776	3,440	2,990	1,310	323	600
16	395	580	580	550	520	478	808	3,740	3,120	1,220	328	590
17	390	594	570	560	500	478	832	3,400	3,270	1,170	314	580
18	390	601	560	535	500	460	816	2,520	3,390	1,100	314	540
19	395	601	560	510	500	466	784	2,020	3,320	1,030	305	530
20	395	601	560	520	490	466	824	1,880	3,070	943	300	530
21	390	587	570	520	490	460	792	1,830	2,950	889	296	540
22	390	532	550	520	490	466	784	2,290	3,140	824	305	535
23	400	580	530	520	500	508	808	2,200	3,560	720	345	530
24	478	678	540	520	500	532	961	2,370	3,710	685	345	525
25	550	784	540	520	490	526	934	2,460	3,560	650	336	520
26	562	744	550	520	490	728	997	2,720	3,280	671	336	538
27	532	678	565	520	500	643	925	3,090	3,090	713	336	548
28	568	650	575	510	500	550	880	3,520	3,190	580	341	550
29	556	643	580	500		550	907	3,570	2,800	484	406	562
30	562	685	580	500		574	1,060	3,450	2,110	454	636	562
31	556		575	500		587		4,050		418	574	587

MEAN	447	612	582	510	505	513	743	2,807	3,084	1,264	365	580
ACRE-FOOT	27,500	36,440	35,800	31,370	28,050	31,570	44,200	172,600	183,500	77,720	22,420	34,520

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

FALLS RIVER NEAR CHESTER, IDAHO

YEAR OR MONTH
MEAN
ACRE-FOOT
1,002
725,700

Plate No. 42

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,640	1,990	1,540	1,600	1,940	1,800	1,680	3,650	7,090	3,840	1,480	2,200
2	1,610	1,940	1,470	1,450	2,010	1,810	1,660	4,270	6,440	3,710	1,440	2,200
3	1,610	1,860	1,460	1,360	1,980	1,720	1,680	4,830	5,630	3,820	1,500	2,400
4	1,610	1,830	1,460	1,310	1,800	1,680	1,680	5,430	4,140	3,840	1,440	2,560
5	1,570	1,860	1,470	1,340	1,710	1,600	1,680	5,360	5,060	3,480	1,350	2,400
6	1,620	1,940	1,500	1,400	1,740	1,580	1,650	5,960	5,260	3,230	1,290	2,310
7	1,580	1,940	1,510	1,490	1,780	1,560	1,780	6,380	5,430	3,110	1,350	2,500
8	1,570	1,900	1,550	1,530	1,850	1,550	1,910	6,870	5,280	2,930	1,420	2,520
9	1,570	1,930	1,720	1,600	1,900	1,550	1,980	7,010	5,210	2,810	1,310	2,370
10	1,640	2,100	1,760	1,620	1,840	1,570	1,860	7,430	5,160	2,750	1,420	2,310
11	1,610	1,930	1,710	1,680	1,800	1,570	2,060	7,840	5,260	2,650	1,540	2,290
12	1,650	1,960	1,590	1,600	1,800	1,570	2,060	8,250	5,140	2,560	1,500	2,260
13	1,700	1,880	1,570	1,500	1,880	1,610	1,960	8,470	4,830	2,370	1,500	2,220
14	1,570	1,830	1,640	1,500	1,880	1,510	1,990	7,520	4,740	2,170	1,520	2,220
15	1,540	1,800	1,880	1,700	1,880	1,510	2,200	7,290	4,830	2,110	1,550	2,180
16	1,580	1,830	1,740	1,900	1,880	1,480	2,260	7,630	4,880	2,040	1,580	2,150
17	1,590	1,520	1,680	2,050	1,880	1,480	2,270	7,200	4,970	1,940	1,570	2,170
18	1,590	1,340	1,710	2,100	1,880	1,420	2,370	5,730	5,040	1,880	1,570	2,130
19	1,590	1,380	1,660	2,160	1,880	1,500	2,240	4,900	4,950	1,820	1,570	2,110
20	1,680	1,390	1,590	2,100	1,880	1,500	2,420	4,560	4,630	1,720	1,580	2,100
21	1,740	1,380	1,520	2,100	1,800	1,520	2,420	4,340	4,600	1,720	1,610	2,100
22	1,800	1,240	1,440	1,930	1,800	1,500	2,310	4,760	4,740	1,660	1,720	2,110
23	1,820	1,290	1,440	2,030	1,800	1,570	2,390	4,700	5,160	1,590	1,760	2,110
24	1,940	1,550	1,440	2,060	1,800	1,590	2,770	4,700	5,300	1,570	1,760	2,100
25	2,010	1,760	1,460	2,040	1,860	1,620	2,770	4,670	5,180	1,460	1,720	2,100
26	1,990	1,660	1,280	2,010	1,820	1,850	2,930	4,810	4,860	1,650	1,770	2,100
27	1,940	1,520	1,500	1,990	1,760	1,900	2,810	5,060	4,970	1,720	1,770	2,080
28	1,990	1,510	1,650	1,960	1,730	1,720	2,810	5,460	5,230	1,620	1,760	2,110
29	1,990	1,500	1,640	1,930		1,740	2,790	5,480	4,880	1,470	1,880	2,110
30	1,990	1,640	1,620	1,930		1,760	3,150	5,460	4,140	1,470	2,370	2,220
31	1,990		1,530	1,930		1,760		6,490		1,470	2,240	

MEAN	1,720	1,707	1,572	1,771	1,841	1,616	2,218	5,887	5,101	2,328	1,608	2,225
ACR- FEET	105,800	101,600	96,660	108,900	102,300	99,370	132,000	362,000	303,500	143,200	98,860	132,400

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

HENRYS FORK RIVER AT ST. ANTHONY, IDAHO

YEAR
OR
PERIOD
MEAN
ACR-
FEET
1,786,000

Plate N° 43

for the year ending September 30, 19

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	375	341	310	230	250	180	410	380	1,030	1,180	634	533
2	375	328	305	225	260	180	385	405	878	1,180	622	511
3	375	323	296	220	240	180	385	440	800	1,340	616	566
4	370	323	287	210	200	165	390	480	826	1,490	610	599
5	370	323	360	205	180	160	435	506	768	1,530	604	560
6	395	350	296	205	195	165	506	506	735	1,450	604	528
7	380	360	274	205	230	170	594	500	780	1,440	628	516
8	375	360	296	205	296	170	634	516	839	1,450	652	538
9	375	346	314	215	269	170	560	533	930	1,400	622	522
10	420	390	305	225	260	173	599	544	1,010	1,360	599	495
11	395	350	275	230	274	176	480	544	1,110	1,340	588	480
12	380	332	265	230	287	196	405	582	1,110	1,360	582	470
13	395	336	265	230	260	264	365	652	1,070	1,340	588	465
14	385	318	270	230	228	232	380	696	1,070	1,320	582	455
15	365	305	280	230	228	220	435	652	1,110	1,280	572	465
16	360	292	275	260	220	206	430	646	1,250	1,230	566	465
17	360	287	265	270	220	190	450	670	1,360	1,270	566	465
18	360	292	260	270	213	165	572	640	1,520	1,300	577	465
19	355	287	250	265	210	170	470	566	1,590	1,320	550	470
20	355	287	175	260	206	185	395	516	1,540	1,270	533	465
21	350	305	230	250	202	199	544	475	1,480	1,320	528	465
22	350	260	215	240	195	196	500	522	1,620	1,270	528	460
23	355	282	200	260	190	228	410	594	1,760	1,120	555	450
24	375	375	195	250	185	292	511	506	1,900	1,010	544	440
25	385	628	185	240	185	314	511	490	1,950	950	533	440
26	375	390	200	270	160	390	420	516	1,910	904	528	435
27	350	323	220	260	130	485	425	628	1,890	858	516	440
28	336	310	230	250	125	420	410	826	1,890	800	511	435
29	336	310	225	245		425	390	995	1,830	761	566	435
30	341	355	220	240		506	385	1,090	1,380	709	640	475
31	341		235	240		516		1,130		670	577	

MEAN	368	336	257	238	218	248	460	605	1,298	1,201	578	484
ACRE- FEET	22,640	19,970	15,820	14,610	12,100	15,250	27,340	37,180	77,230	73,830	35,550	28,780

U. S. GOVERNMENT PRINTING OFFICE 16-60065-1

TELETON RIVER ABOVE SOUTH LEIGH CREEK NR. DRIGGS, IDAHO

YEAR OR PERIOD MEAN 525
ACRE-FOOT 380,300

Plate No 44

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6222	512	535	500	598	390	900	999	4,280	2,550	1,300	1,040
2	6222	528	475	460	622	400	810	1,210	3,880	2,440	1,260	990
3	614	512	449	425	550	430	801	1,480	3,330	2,640	1,220	972
4	614	520	436	405	475	410	792	1,840	3,150	2,840	1,210	1,030
5	606	520	423	395	440	404	882	2,140	2,990	2,870	1,250	1,020
6	614	542	505	390	440	388	1,060	2,120	2,880	2,760	1,380	1,010
7	630	566	468	380	450	388	1,320	2,070	3,150	2,730	1,370	945
8	622	566	468	380	460	399	1,420	2,230	3,380	2,680	1,410	945
9	622	598	512	400	460	399	1,160	2,260	3,700	2,600	1,360	954
10	657	590	505	460	465	404	1,300	2,380	3,950	2,560	1,230	932
11	666	606	475	450	468	410	1,120	2,390	4,000	2,570	1,060	895
12	657	558	462	445	468	542	864	2,570	4,000	2,540	1,070	869
13	675	558	462	440	468	783	765	2,930	3,870	2,480	1,050	845
14	630	542	490	440	475	558	765	2,910	3,700	2,430	1,040	821
15	606	520	542	475	482	482	882	2,770	3,890	2,380	1,010	815
16	582	505	505	540	482	449	990	2,830	3,990	2,320	990	830
17	574	520	482	560	482	436	945	2,940	4,180	2,320	981	822
18	566	520	468	560	462	399	1,110	2,510	4,330	2,390	972	822
19	566	512	462	550	462	410	1,030	2,020	4,400	2,380	963	821
20	558	505	430	545	462	436	927	1,670	4,250	2,300	945	822
21	542	475	456	525	462	449	999	1,470	4,160	2,440	927	819
22	542	498	462	510	450	442	1,130	1,580	4,230	2,320	927	818
23	566	542	372	555	440	666	1,020	2,040	4,440	2,160	909	808
24	590	535	350	530	420	945	1,010	1,980	4,540	1,970	927	794
25	566	810	340	510	410	837	1,220	2,080	4,500	1,860	927	783
26	550	801	415	505	400	1,190	1,120	2,460	4,390	1,780	927	778
27	528	566	465	528	390	1,320	1,040	2,970	4,270	1,780	918	782
28	498	520	535	520	385	990	1,010	3,610	4,140	1,590	909	789
29	498	505	520	520		990	963	3,930	3,860	1,520	918	783
30	498	542	490	520		1,160	954	4,010	3,200	1,460	1,040	797
31	512		520	528		1,300		4,240		1,370	1,100	

MEAN	587	553	467	482	465	620	1,010	2,408	3,901	2,291	1,081	872
ACRE- FEET	36,090	32,910	28,720	29,660	25,840	38,100	60,120	148,000	232,100	140,900	66,450	51,870

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

TETON RIVER NEAR ST. ANTHONY, IDAHO

YEAR
OR
ACRE-FOOT

MEAN
1,230
890,800

Plate N° 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2,070	2,470	2,020	1,700	2,310	2,100	2,770	3,580	8,120	6,060	1,490	2,920
2	2,030	2,470	1,860	1,620	2,320	2,010	2,480	4,030	9,180	5,250	1,460	2,900
3	1,990	2,400	1,840	1,480	2,320	2,100	2,400	4,680	8,530	4,900	1,460	2,930
4	1,970	2,350	1,780	1,420	2,300	2,060	2,380	5,320	7,320	4,930	1,430	3,180
5	1,920	2,340	1,780	1,480	2,160	1,960	2,410	6,190	6,670	4,990	1,350	3,280
6	1,910	2,400	1,820	1,540	2,150	1,890	2,460	6,640	6,290	4,720	1,300	3,190
7	1,940	2,440	1,850	1,600	2,280	1,900	2,580	7,220	6,290	4,380	1,380	3,190
8	1,940	2,400	1,870	1,700	2,340	1,910	2,770	8,120	6,390	4,080	1,600	3,360
9	1,940	2,350	1,940	1,810	2,240	1,920	2,920	8,690	6,240	3,760	1,750	3,310
10	2,020	2,400	2,160	1,890	2,200	1,960	2,850	8,800	6,160	3,600	1,610	3,190
11	2,040	2,440	2,000	1,860	2,160	1,980	2,850	9,100	6,290	3,500	1,560	3,120
12	2,060	2,360	1,900	1,800	2,100	2,090	2,770	9,330	6,530	3,470	1,490	3,050
13	2,210	2,300	1,800	1,700	2,180	2,440	2,610	9,600	6,500	3,340	1,480	3,000
14	2,090	2,230	1,850	1,740	2,200	2,370	2,480	9,750	6,210	3,170	1,520	2,920
15	2,010	2,170	1,950	1,900	2,240	2,060	2,570	9,100	5,910	3,000	1,590	2,870
16	2,010	2,140	2,050	2,040	2,220	1,960	2,780	8,800	5,960	2,830	1,620	2,800
17	2,020	2,110	2,080	2,250	2,230	1,940	2,830	9,050	6,110	2,730	1,610	2,780
18	2,020	1,810	2,000	2,340	2,180	1,900	2,930	8,690	6,260	2,660	1,640	2,780
19	2,030	1,780	1,900	2,310	2,180	1,860	2,970	7,100	6,450	2,600	1,740	2,750
20	2,080	1,780	1,800	2,260	2,160	1,890	2,830	5,870	6,560	2,520	1,760	2,740
21	2,200	1,750	1,700	2,200	2,080	1,900	3,010	5,180	6,370	2,690	1,790	2,710
22	2,300	1,680	1,550	2,100	2,020	1,940	3,000	4,810	6,240	2,820	1,870	2,720
23	2,370	1,580	1,450	2,260	2,100	2,040	2,950	5,050	6,370	2,740	1,920	2,670
24	2,460	1,770	1,400	2,500	2,150	2,540	3,010	5,180	6,910	2,530	1,930	2,640
25	2,590	2,000	1,400	2,340	2,150	2,600	3,390	5,160	7,390	2,350	1,940	2,620
26	2,520	2,230	1,550	2,320	2,080	2,490	3,460	5,130	7,520	2,200	1,980	2,600
27	2,490	2,040	1,600	2,300	2,080	3,170	3,480	5,160	7,460	2,080	2,010	2,600
28	2,420	1,870	1,750	2,310	2,080	2,970	3,360	5,470	7,700	1,910	2,000	2,640
29	2,480	1,860	1,800	2,300		2,650	3,290	6,040	7,930	1,700	2,040	2,660
30	2,470	1,900	1,720	2,300		2,710	3,270	6,480	7,220	1,580	2,540	2,760
31	2,470		1,800	2,300		2,830		6,820		1,530	2,940	

MEAN	2,164	2,127	1,805	1,989	2,186	2,198	2,862	6,779	6,836	3,246	1,735	2,896
ACRE-Feet	133,000	126,600	111,000	122,300	121,400	135,200	170,300	416,800	406,800	199,600	106,700	172,300

U. S. GOVERNMENT PRINTING OFFICE 16-60096-1

HENRYS FORK NEAR REXBURG, IDAHO

Year
or
Period
MEAN
ACRE-Feet
3,069
2,222,000

Plate No 46

13060000 SUMMARY FOR JAN - SEPT 1971 TOTAL: 3257570.00, MAX: 25200.00, MIN: 3050.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

SNAKE RIVER NEAR SHELLEY, IDAHO NUMBER 13060000

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,760	4,250	4,940	4,750	5,930	6,480	13,300	19,400	19,800	24,300	7,870	7,270
2	3,580	4,250	4,940	4,250	6,150	7,080	16,900	20,100	21,100	22,700	7,830	7,440
3	3,500	4,390	4,760	3,600	6,670	6,860	17,200	20,700	21,700	19,600	6,910	7,700
4	3,390	4,290	4,770	3,410	6,650	6,850	16,300	21,500	21,000	17,700	6,350	8,150
5	3,270	4,220	4,790	3,260	6,500	6,820	16,200	22,400	20,100	17,800	6,110	8,590
6	3,370	4,240	4,810	3,180	6,380	6,740	17,300	23,200	19,400	18,800	5,760	8,690
7	3,290	4,340	4,850	3,050	5,860	6,640	18,400	23,400	18,500	19,200	5,700	8,780
8	3,370	4,370	4,900	3,200	6,340	6,710	18,700	23,600	17,400	19,300	6,250	8,990
9	3,470	4,330	5,010	3,610	6,570	6,950	18,900	24,300	16,800	18,800	6,600	9,070
10	3,630	4,380	5,180	4,100	6,290	7,040	18,900	24,600	16,500	17,700	6,130	8,980
11	3,670	4,400	5,280	4,440	6,250	7,090	18,800	24,500	16,400	13,400	5,440	8,850
12	3,750	4,410	5,070	4,750	6,350	7,150	18,900	24,500	16,900	11,420	5,220	8,810
13	3,960	4,360	4,880	4,880	6,270	7,400	18,600	24,500	17,300	13,500	5,020	8,610
14	4,000	4,320	4,300	4,820	6,330	7,630	18,400	25,200	17,300	12,900	5,190	8,280
15	3,820	4,220	4,100	4,700	6,300	7,270	18,400	25,200	16,500	12,400	5,470	7,940
16	3,800	4,200	4,550	4,700	6,390	7,020	18,700	24,400	16,000	12,100	5,660	7,830
17	3,840	4,280	5,050	4,810	6,360	6,970	18,800	24,000	16,000	11,900	5,470	7,560
18	3,850	4,250	4,950	5,470	6,490	6,770	19,000	24,000	16,400	12,700	5,290	7,530
19	3,850	3,940	4,840	5,740	6,580	6,730	19,100	23,300	17,100	12,600	5,290	7,540
20	3,780	3,860	4,600	6,510	6,600	6,900	19,000	21,500	17,600	12,200	5,270	7,440
21	3,620	3,940	3,950	5,900	6,440	7,050	19,200	19,700	17,800	12,500	5,190	7,110
22	3,670	4,140	4,300	5,800	6,360	6,920	19,000	19,400	17,800	13,000	5,080	6,990
23	3,830	4,090	4,500	5,720	6,280	7,190	19,200	20,000	18,500	13,300	5,120	6,790
24	3,870	4,180	3,950	5,805	6,350	7,780	19,100	19,800	19,100	12,700	4,900	6,630
25	4,030	4,510	3,900	5,800	6,610	9,080	19,300	20,000	20,100	12,900	4,880	6,480
26	4,200	4,870	4,000	5,990	6,490	13,900	19,600	19,500	21,400	12,100	4,820	6,470
27	4,260	5,150	4,150	6,050	6,370	18,100	19,800	19,000	23,400	10,500	4,830	6,480
28	4,340	4,980	4,210	5,810	6,390	18,800	19,600	18,300	24,000	8,810	4,640	6,340
29	4,290	4,760	4,400	5,830	-----	18,500	19,400	17,900	24,500	8,370	4,870	6,280
30	4,330	4,820	4,380	5,810	-----	18,400	19,400	18,400	24,700	7,890	5,870	6,850
31	4,260	-----	4,660	5,830	-----	15,500	-----	19,300	-----	7,730	6,730	-----
TOTAL	117,650	130,740	142,930	151,570	178,550	280,320	553,400	675,600	571,100	440,800	175,760	230,470
MEAN	3,795	4,358	4,611	4,889	6,377	9,043	18,450	21,790	19,040	14,220	5,670	7,682
MAX	4,340	5,150	5,280	6,510	6,670	18,800	19,800	25,200	24,700	24,300	7,870	9,070
MIN	3,270	3,860	3,900	3,050	5,860	6,480	13,300	17,900	16,000	7,730	4,640	6,280
AC-FT	233,400	259,300	283,500	300,600	354,200	556,000	1,098M	1,340M	1,133M	874,300	348,600	457,100
CAL YR 1970	TOTAL 2,373,380	MEAN 6,502	MAX 23,500	MIN 1,400	AC-FT 4,708,000							
WTR YR 1971	TOTAL 3,648,890	MEAN 9,997	MAX 25,200	MIN 3,050	AC-FT 7,238,000							

SNAKE RIVER NEAR SHELLEY, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.1	145	3.3	0	120	89	248	554	474	288	90	260
2	1.4	145	0	0	108	69	221	682	570	270	118	251
3	0	145	2.2	0	102	67	215	786	650	179	92	284
4	0	140	0	0	58	87	209	862	566	74	50	344
5	.3	130	0	0	78	85	215	926	438	44	79	326
6	16	140	0	0	66	72	215	1000	368	33	125	334
7	125	116	0	3.1	69	69	230	1040	372	30	200	358
8	182	112	0	28	85	89	257	942	499	12	251	404
9	155	114	0	32	83	92	298	898	108	79	330	362
10	188	122	0	3.0	83	100	316	1140	176	79	316	340
11	215	125	0		106	116	358	1240	279	78	203	323
12	203	122	0	7.2	102	152	390	1250	260	49	212	267
13	148	118	0	12	106	302	407	1130	514	50	239	182
14	110	114	0	15	102	245	400	1060	446	69	248	44
15	60	98	0		92	145	400	985	326	35	269	28
16	36	79	0	.1	90	236	428	870	288	40	295	56
17	36	58	0	5.8	87	162	514	758	306	55	292	85
18	37	39	0	41	89	102	562	842	306	92	278	64
19	37	6.7	0	3.9	89	110	538	906	334	138	254	60
20	13	1.4	0	5.3	87	104	494	802	390	90	239	69
21	159	3.2	0	1.4	74	132	446	758	432	64	245	102
22	215	0	0		67	150	438	766	432	61	221	125
23	185	0	0		64	182	534	910	298	76	188	110
24	206	10	0	63	85	344	598	866	242	61	142	78
25	165	42	0	66	98	351	662	670	227	98	108	69
26	160	50	4.6	112	69	264	698	478	248	185	108	81
27	145	94	30	96	55	326	666	354	354	116	118	69
28	122	54	25	98	89	334	590	348	456	33	79	90
29	122	21	11	98		284	558	386	550	4.1	64	114
30	135	13	0	104		242	538	460	414	5.8	188	138
31	142		0	122		245		498		44	295	

MEAN	107	78.6	2.45	31.1	85.8	172	421	812	377	81.7	191	181
ACRE- FEET	6,580	4,680	151	1,910	4,770	10,610	25,080	49,920	22,460	5,020	11,770	10,740

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

BLACKFOOT RIVER BY-PASS NEAR BLACKFOOT, IDAHO

YEAR OR PERIOD 212

MEAN ACRE-FOOT 153,700

Plate No. 48

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION
BLACKFOOT RIVER NEAR BLACKFOOT, IDAHO
NUMBER 13068500

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	178	273	192	91	258	228	299	409	386	317	191	294
2	174	271	152	89	251	202	291	445	417	298	205	287
3	151	270	147	85	248	210	285	479	462	252	192	300
4	144	268	147	76	212	230	287	520	427	196	161	322
5	157	263	128	71	230	228	287	530	373	158	191	322
6	207	271	124	83	218	200	291	550	348	154	222	315
7	261	261	124	92	230	222	292	560	337	147	249	322
8	297	258	129	102	253	234	300	535	301	138	276	344
9	288	259	148	108	250	237	308	530	222	182	304	330
10	301	265	144	118	244	241	316	575	245	207	304	319
11	316	264	109	100	249	246	328	590	295	190	271	317
12	313	263	101	92	246	260	351	590	337	183	278	300
13	290	261	120	91	248	308	356	585	364	170	280	271
14	270	259	100	108	247	306	351	570	343	179	278	205
15	243	251	126	121	240	242	353	550	320	154	291	205
16	223	242	119	102	240	291	362	535	302	153	307	223
17	223	229	124	112	239	266	402	485	307	174	295	238
18	227	218	105	149	239	241	427	512	306	220	277	220
19	231	191	114	129	239	249	423	517	322	238	282	210
20	211	169	110	172	230	241	410	491	350	223	281	210
21	257	181	100	163	222	251	378	474	360	209	287	220
22	297	138	96	169	218	255	369	460	385	214	279	235
23	284	133	93	160	208	269	402	499	331	213	248	232
24	299	186	91	157	220	318	428	490	307	189	232	221
25	285	219	90	218	235	333	447	429	272	211	221	218
26	279	225	96	257	225	303	460	362	281	233	226	230
27	275	251	100	251	200	322	446	313	320	180	218	226
28	264	233	94	252	230	327	425	304	365	127	181	235
29	263	204	94	249	-----	313	412	321	403	97	187	244
30	268	198	96	248	-----	297	405	357	368	128	247	264
31	273	-----	97	256	-----	294	-----	385	-----	170	299	-----
TOTAL	7,749	6,974	3,610	4,471	6,569	8,164	10,891	14,952	10,156	5,904	7,760	7,879
MEAN	250	232	116	144	235	263	363	482	339	190	250	263
MAX	316	273	192	257	258	333	460	590	462	317	307	344
MIN	144	133	90	71	200	200	285	304	222	97	161	205
AC-FT	15,370	13,830	7,160	8,870	13,030	16,190	21,600	29,660	20,140	11,710	15,390	15,630
CAL YR 1970	TOTAL 61,751.0	MEAN 169	MAX 497	MIN 71	AC-FT 122,500							
WTR YR 1971	TOTAL 95,079.3	MEAN 260	MAX 590	MIN 71	AC-FT 188,600							

BLACKFOOT RIVER NEAR BLACKFOOT, IDAHO

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,620	4,260	4,710	4,800	5,810	6,510	13,300	20,000	17,900	23,500	5,100	5,320
2	2,410	4,250	4,830	4,650	5,990	6,500	15,700	20,400	19,000	22,500	5,370	5,610
3	2,280	4,380	4,660	3,543	6,260	6,740	18,000	21,200	20,400	19,400	4,730	6,120
4	2,160	4,380	4,580	3,430	6,580	6,840	16,700	22,000	20,400	16,000	3,690	6,790
5	2,070	4,340	4,630	3,280	6,040	6,910	16,500	22,900	19,200	15,000	3,470	7,460
6	2,130	4,320	4,610	3,160	6,160	6,880	16,800	23,700	18,200	15,800	3,260	7,880
7	2,370	4,380	4,630	3,010	5,690	6,780	18,600	24,400	17,200	16,100	3,280	8,180
8	2,530	4,410	4,690	3,370	5,750	6,800	19,100	24,400	15,400	16,300	3,810	8,600
9	2,690	4,400	4,830	3,750	6,150	6,980	19,500	24,700	14,000	16,000	4,320	8,800
10	2,830	4,440	4,920	4,230	6,280	7,130	19,700	25,500	13,700	15,900	4,370	8,770
11	3,030	4,490	5,010	4,600	6,270	7,180	19,600	25,800	13,700	13,300	3,470	8,630
12	3,080	4,520	4,950	4,920	6,260	7,320	19,800	25,700	14,300	8,750	3,160	8,460
13	3,210	4,440	4,600	4,910	6,300	7,630	19,700	25,300	15,000	9,610	3,150	8,180
14	3,340	4,400	4,210	4,840	6,260	7,970	19,400	25,300	15,200	10,100	3,200	7,560
15	3,140	4,290	4,100	4,680	6,280	7,630	19,300	25,700	14,400	8,820	3,470	6,970
16	3,020	4,250	5,040	4,710	6,320	7,480	19,500	25,000	13,500	8,920	3,800	6,820
17	3,010	4,290	5,200	5,010	6,380	7,390	19,900	23,700	13,300	8,280	3,750	6,640
18	2,990	4,310	5,040	5,430	6,380	7,010	20,200	23,900	13,500	9,150	3,470	6,530
19	3,030	4,040	4,870	5,430	6,560	6,970	20,300	23,600	14,400	9,620	3,400	6,530
20	3,110	3,810	4,600	6,040	6,620	6,940	20,300	23,000	15,200	9,070	3,320	6,470
21	3,410	3,800	3,870	6,150	6,490	7,180	20,200	19,700	15,700	9,160	3,350	6,240
22	3,580	3,970	4,420	5,680	6,400	7,190	20,300	18,400	15,500	9,590	3,130	6,120
23	3,680	3,980	4,770	5,720	6,310	7,330	20,300	19,400	15,900	10,300	2,970	5,890
24	3,870	4,090	3,850	5,920	6,370	7,940	20,400	19,100	16,300	10,100	2,800	5,630
25	3,940	4,200	3,920	5,690	6,570	8,700	20,600	19,000	17,300	10,100	2,680	5,470
26	4,100	4,600	4,100	5,960	6,590	11,500	20,800	18,300	18,200	10,100	2,710	5,460
27	4,240	4,930	4,150	5,880	6,420	16,700	20,800	17,100	20,800	8,410	2,710	5,520
28	4,250	5,010	4,240	5,820	6,150	18,800	20,600	16,300	22,600	6,440	2,580	5,610
29	4,240	4,720	4,460	5,800	-----	19,100	20,200	15,500	23,400	5,330	2,500	5,510
30	4,260	4,710	4,370	5,750	-----	18,800	20,000	16,000	23,900	4,910	3,490	6,000
31	4,270	-----	4,940	5,760	-----	18,100	-----	17,100	-----	4,910	4,620	-----
TOTAL	98,890	130,410	141,800	151,890	175,640	282,930	576,100	671,100	507,500	361,470	109,130	203,770
MEAN	3,190	4,347	4,574	4,900	6,273	9,127	19,200	21,650	16,920	11,660	3,520	6,792
MAX	4,270	5,010	5,200	6,150	6,620	19,100	20,800	25,800	23,900	23,500	5,370	8,800
MIN	2,070	3,800	3,850	3,010	5,690	6,500	13,300	15,500	13,300	4,910	2,500	5,320
AC-FT	196,100	258,700	281,300	301,300	348,400	561,200	1,143M	1,331M	1,007M	717,000	216,500	404,200
CAL YR 1970	TOTAL 1,992,990	MEAN 5,460	MAX 20,900	MIN 484	AC-FT 3,953,000							
WTR YR 1971	TOTAL 3,410,630	MEAN 9,344	MAX 25,800	MIN 2,070	AC-FT 6,765,000							

SNAKE RIVER NEAR BLACKFOOT, IDAHO

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	142	245	348	222	371	308	864	996	1,130	365	78	156
2	140	250	332	214	395	305	802	1,020	1,120	360	78	154
3	139	248	319	205	382	300	733	1,070	1,070	330	78	168
4	141	250	311	195	351	306	720	1,120	1,020	290	84	174
5	153	247	309	200	332	307	735	1,190	951	268	105	203
6	159	260	308	210	327	302	771	1,240	912	256	94	208
7	173	269	298	220	315	302	836	1,270	908	232	89	236
8	176	268	308	220	313	307	855	1,320	852	216	84	252
9	182	268	327	230	307	320	877	1,370	835	226	88	252
10	204	277	336	240	312	356	899	1,410	837	209	71	259
11	203	271	319	255	321	373	892	1,460	868	194	60	255
12	187	276	298	240	340	411	863	1,520	901	180	87	253
13	185	282	272	240	364	546	855	1,570	870	174	83	261
14	197	277	271	240	364	643	839	1,550	846	164	83	258
15	201	266	271	250	417	672	855	1,560	826	169	86	259
16	199	264	274	270	441	575	868	1,550	806	162	86	261
17	200	263	279	320	442	469	887	1,530	789	150	96	261
18	199	266	277	393	426	417	898	1,490	700	147	103	260
19	199	271	276	393	413	395	895	1,430	640	146	90	267
20	203	277	273	430	394	399	887	1,340	600	149	97	272
21	207	280	292	451	358	419	882	1,260	540	138	99	274
22	211	276	276	415	342	445	896	1,210	500	131	118	281
23	220	277	264	391	334	511	885	1,180	460	122	124	296
24	240	303	250	372	343	643	890	1,150	440	116	124	287
25	264	348	255	345	349	759	912	1,120	420	107	126	285
26	260	344	255	338	330	828	936	1,100	400	103	130	259
27	253	330	250	342	320	843	944	1,090	385	99	134	249
28	244	316	240	343	311	854	573	1,090	390	92	123	250
29	245	304	235	336	-----	857	993	1,090	380	93	138	259
30	250	324	230	328	-----	868	989	1,120	375	86	150	281
31	245	-----	223	339	-----	875	-----	1,100	-----	82	178	-----
TOTAL	6,221	8,397	8,776	9,184	10,024	15,915	26,151	39,516	21,761	5,546	3,164	7,390
MEAN	201	280	283	295	358	513	872	1,275	725	179	102	246
MAX	264	348	348	451	442	875	993	1,570	1,130	365	178	296
MIN	139	245	223	195	307	300	720	956	375	82	60	154
AC-FT	12,340	16,660	17,410	19,820	19,880	31,570	51,870	78,380	43,160	11,000	6,280	14,660
CAL YR 1970	TOTAL 101,987	MEAN 279	MAX 843	MIN 38	AC-FT 202,300							
WTR YR 1971	TOTAL 162,045	MEAN 444	MAX 1,570	MIN 60	AC-FT 321,400							

PORTNEUF RIVER AT POCATELLO, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	43							0	92	181	149	65
2	60							0	99	176	140	61
3	58							0	90	89	140	28
4	59							0	89	82	138	0
5	56							0	75	146	131	0
6	57							12	79	154	126	0
7	52							12	100	152	88	0
8	49							25	104	152	78	0
9	49							25	104	168	92	0
10	17							26	104	164	92	0
11	0							38	99	161	92	0
12	0							38	59	165	92	0
13	0							19	64	196	92	0
14	0							82	126	196	94	0
15	0							46	148	196	94	0
16	0							46	160	183	94	25
17	0							46	161	156	92	43
18	0							46	168	159	94	44
19	0							46	168	184	94	44
20	0							45	166	183	93	44
21	0							45	166	174	84	46
22	0							45	169	169	74	46
23	0							45	169	165	94	47
24	0							49	178	95	81	24
25	0							51	174	97	94	18
26	0							53	159	154	94	16
27	0							66	166	159	91	20
28	0							75	160	159	76	8
29	0							78	160	159	74	8
30	0							79	181	157	65	8
31	0							86		154	65	

MEAN	16.1	0	0	0	0	0	0	39.5	131	158	96.7	19.8
ACRE- FEET	992	0	0	0	0	0	0	2,430	7,810	9,690	5,940	1,180

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

FORT HALL MICHAUD CANAL NEAR POCAATELLO, IDAHO

XXXX
OXX
PERIOD
MEAN
ACRE-
FEET
37.4
27,050

Plate No 52

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	41							0	42	118	116	73
2	41							0	42	114	116	73
3	41							0	42	105	116	63
4	41							0	42	101	116	42
5	41							0	42	109	116	36
6	42							0	42	128	110	36
7	42							0	42	130	99	36
8	42							0	62	138	96	36
9	42							0	67	140	96	36
10	42							0	67	140	96	22
11	42							16	67	140	96	17
12	42							23	67	140	96	17
13	42							23	67	140	96	31
14	42							23	67	140	80	36
15	42							32	77	140	75	36
16	25							42	104	140	91	36
17	19							42	114	141	96	36
18	6.0							42	114	142	96	36
19	0							42	114	142	96	36
20	0							42	114	142	96	36
21	0							42	116	142	80	36
22	0							42	130	142	74	36
23	0							42	132	142	90	36
24	0							42	132	132	95	36
25	0							42	132	129	95	36
26	0							42	132	129	95	36
27	0							42	132	129	95	36
28	0							42	132	129	95	22
29	0							42	132	119	95	17
30	0							42	132	116	78	17
31	0							42				

MEAN	21.8	0	0	0	0	0	0	25.4	89.9	131	96.2	35.9
ACRE-Feet	1,340	0	0	0	0	0	0	1,560	5,350	8,070	5,910	2,140
Feet												

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

MICHAUD CANAL AT AMERICAN FALLS, IDAHO

YEAR
OR
PERIODMEAN
ACRE-Feet33.7
24,380

Plate No 53

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	810.7	892.3	1.139	1.233	1.272	1.353	1.683	1.698	1.707	1.712	1.603	1.228
2	809.2	901.0	1.140	1.233	1.272	1.364	1.682	1.696	1.710	1.706	1.592	1.220
3	808.1	910.7	1.146	1.232	1.274	1.372	1.689	1.698	1.713	1.709	1.584	1.220
4	804.4	918.8	1.152	1.231	1.277	1.380	1.693	1.700	1.714	1.707	1.571	1.219
5	800.0	926.4	1.157	1.230	1.278	1.394	1.695	1.705	1.713	1.703	1.558	1.221
6	798.5	937.4	1.161	1.230	1.278	1.408	1.695	1.708	1.710	1.698	1.546	1.220
7	796.6	944.3	1.165	1.230	1.276	1.417	1.696	1.711	1.707	1.699	1.533	1.226
8	706.6	954.7	1.173	1.231	1.276	1.427	1.701	1.708	1.700	1.698	1.520	1.232
9	795.5	963.5	1.176	1.232	1.276	1.437	1.700	1.714	1.698	1.698	1.509	1.238
10	795.5	973.5	1.183	1.236	1.277	1.444	1.698	1.715	1.696	1.701	1.499	1.244
11	798.1	980.6	1.187	1.240	1.277	1.457	1.697	1.715	1.700	1.703	1.485	1.250
12	799.9	986.5	1.195	1.243	1.279	1.467	1.703	1.714	1.703	1.702	1.472	1.255
13	805.1	996.4	1.197	1.246	1.278	1.478	1.703	1.708	1.706	1.700	1.459	1.256
14	808.1	1.005	1.198	1.248	1.278	1.491	1.701	1.708	1.706	1.699	1.444	1.285
15	811.1	1.002	1.202	1.250	1.276	1.501	1.698	1.708	1.705	1.694	1.430	1.290
16	813.3	1.019	1.208	1.251	1.279	1.517	1.702	1.703	1.701	1.689	1.418	1.271
17	815.9	1.023	1.212	1.255	1.277	1.525	1.699	1.703	1.702	1.683	1.406	1.265
18	817.0	1.030	1.215	1.262	1.277	1.536	1.699	1.701	1.703	1.682	1.392	1.264
19	820.7	1.041	1.219	1.265	1.283	1.544	1.697	1.696	1.707	1.675	1.379	1.263
20	820.7	1.050	1.223	1.267	1.282	1.551	1.696	1.704	1.708	1.673	1.366	1.271
21	825.6	1.056	1.224	1.268	1.283	1.559	1.694	1.699	1.711	1.696	1.354	1.269
22	829.8	1.065	1.226	1.268	1.288	1.569	1.698	1.683	1.711	1.693	1.340	1.273
23	833.6	1.071	1.227	1.268	1.295	1.579	1.698	1.680	1.711	1.664	1.328	1.276
24	835.5	1.078	1.227	1.268	1.296	1.590	1.703	1.682	1.712	1.661	1.315	1.278
25	843.1	1.086	1.228	1.268	1.310	1.604	1.703	1.683	1.709	1.660	1.303	1.280
26	847.3	1.097	1.228	1.269	1.325	1.619	1.703	1.683	1.710	1.655	1.291	1.280
27	854.1	1.109	1.228	1.269	1.335	1.641	1.700	1.681	1.713	1.652	1.279	1.281
28	862.1	1.118	1.228	1.270	1.344	1.660	1.699	1.684	1.710	1.647	1.269	1.283
29	870.0	1.125	1.228	1.269		1.673	1.697	1.689	1.711	1.634	1.257	1.284
30	877.8	1.133	1.229	1.269		1.672	1.698	1.692	1.712	1.623	1.246	1.285
31	884.1		1.231	1.271		1.682		1.700		1.613	1.233	

MEAN												
ACRE-												
FEET												

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5,650	3,410	4,930	6,830	8,520	4,170	18,100	24,200	17,700	26,400	13,000	11,900
2	5,910	3,190	5,360	6,850	8,520	4,040	18,100	24,000	20,200	26,800	13,000	11,800
3	6,120	2,800	5,360	6,860	8,550	3,940	18,200	23,500	20,900	23,600	12,900	11,600
4	6,440	2,640	5,360	6,600	8,880	3,970	18,200	23,300	22,200	20,700	12,900	10,700
5	6,230	2,650	5,360	6,150	9,280	4,030	18,900	24,100	23,100	19,800	12,900	9,920
6	6,070	2,670	5,350	5,950	9,350	4,080	19,400	26,000	23,400	19,500	12,900	9,710
7	6,060	2,690	5,360	5,950	9,350	4,110	19,400	26,900	23,400	19,100	12,900	9,740
8	5,900	2,690	5,360	5,950	8,870	4,020	21,000	26,900	21,800	18,800	12,800	9,340
9	5,730	2,700	5,340	5,980	8,600	3,990	23,000	27,300	19,300	18,000	12,700	8,690
10	5,460	3,510	5,340	6,010	8,620	4,410	22,900	28,500	16,800	16,300	12,700	8,220
11	5,370	4,040	5,350	6,420	8,620	4,680	22,900	29,200	15,800	14,000	12,600	8,100
12	5,180	3,680	5,340	6,580	9,280	4,740	22,200	29,500	15,800	13,100	12,700	8,150
13	4,900	3,470	5,350	6,590	9,680	4,800	22,100	29,700	16,700	13,200	12,700	8,700
14	4,820	3,470	5,520	6,610	9,670	4,850	22,300	29,600	17,200	13,400	12,800	9,170
15	4,820	3,470	5,730	6,970	9,650	5,060	22,400	29,900	18,700	13,700	12,900	9,390
16	4,820	3,470	5,770	7,150	9,330	5,320	23,100	29,500	18,100	13,800	12,900	9,370
17	4,840	3,480	5,820	7,180	9,130	5,380	23,900	29,300	16,100	13,700	12,900	8,920
18	4,860	3,500	5,860	7,570	9,140	5,400	24,200	29,200	15,500	13,700	12,800	8,610
19	4,900	1,330	5,900	8,170	9,150	5,430	24,300	28,700	15,600	13,600	12,600	8,420
20	4,910	3,450	5,920	8,400	9,150	5,460	24,500	27,700	16,200	13,400	12,500	8,230
21	4,610	3,500	5,950	8,690	9,070	5,500	24,200	26,900	17,300	13,400	12,300	7,650
22	4,480	3,500	5,970	8,860	6,630	5,540	23,700	25,600	18,300	13,400	12,200	7,470
23	4,780	3,500	6,500	8,860	4,080	5,690	23,500	23,400	18,900	13,300	12,100	7,290
24	4,950	3,290	6,830	8,860	4,130	5,810	23,600	21,700	19,100	13,200	12,000	7,210
25	4,920	3,170	6,820	8,920	4,050	5,970	24,500	21,200	19,700	13,300	11,400	7,210
26	4,680	3,170	6,820	8,950	4,030	6,090	25,700	21,400	21,200	13,300	11,400	7,210
27	3,990	3,170	6,800	8,660	4,080	8,100	26,100	20,800	22,600	13,300	11,600	7,560
28	3,500	3,180	6,820	8,480	4,130	12,400	25,200	18,200	24,700	13,300	11,500	8,050
29	3,440	3,200	6,850	8,510	-----	15,300	24,800	16,900	25,900	13,200	11,900	8,390
30	3,410	3,870	6,830	8,520	-----	19,300	24,700	16,700	26,200	13,100	12,100	8,660
31	3,410	-----	6,850	8,520	-----	19,000	-----	15,800	-----	13,000	12,000	-----
TOTAL	155,160	95,860	182,720	230,600	221,540	200,580	675,100	775,600	588,400	490,400	386,600	265,380
MEAN	5,005	3,195	5,894	7,439	7,912	6,470	22,500	25,020	19,610	15,820	12,470	8,846
MAX	6,440	4,040	6,850	8,950	9,680	19,300	26,100	26,200	26,800	26,800	13,000	11,900
MIN	3,410	1,330	4,930	5,950	4,030	3,940	18,100	15,800	15,500	13,000	11,400	7,210
AC-FT	307,800	190,100	362,400	457,400	439,400	397,900	1,339M	1,538M	1,167M	972,700	766,800	526,400
CAL YR 1970	TOTAL	2,869,718	MEAN	7,862	MAX	23,100	MIN	791	AC-FT	5,692,000		
WTR YR 1971	TOTAL	4,267,940	MEAN	11,690	MAX	29,900	MIN	1,330	AC-FT	8,465,000		

SNAKE RIVER AT NEELEY, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	93,300	87,000	42,300	48,800	53,800	43,300	91,500	94,500	96,400	96,600	96,400	96,400
2	93,100	87,000	44,600	48,800	53,800	42,900	90,100	94,500	95,900	96,900	96,400	97,400
3	93,300	87,000	45,900	48,800	53,800	42,500	89,900	93,400	96,600	97,100	96,400	97,800
4	92,900	85,600	45,400	49,000	54,000	42,100	90,900	94,600	97,000	96,400	96,400	99,300
5	93,100	84,200	45,800	49,000	54,000	42,100	91,000	94,600	97,200	96,400	96,400	98,800
6	93,100	82,300	46,200	48,600	54,200	42,200	91,200	94,600	97,500	96,400	96,400	98,800
7	93,100	80,600	46,200	48,000	55,300	42,200	90,300	94,200	97,600	96,000	96,400	97,100
8	94,700	80,400	46,800	48,200	56,300	42,300	91,600	95,200	96,400	96,400	96,200	97,400
9	94,700	79,300	48,100	48,400	55,300	42,300	91,900	94,400	96,400	96,400	96,000	97,100
10	96,200	77,800	47,200	48,100	54,800	42,300	91,700	95,200	95,100	92,900	96,000	96,400
11	95,200	78,200	47,400	48,400	54,800	42,300	91,900	95,900	93,300	95,900	95,800	96,000
12	95,200	75,400	46,500	49,400	55,700	45,700	91,700	96,300	94,600	96,900	95,600	95,200
13	95,200	74,500	46,500	50,000	56,800	47,800	91,700	96,300	94,800	96,600	95,400	94,400
14	93,200	73,500	46,400	50,000	57,700	49,000	91,700	97,100	94,500	96,300	95,200	94,400
15	93,600	71,400	46,400	50,000	56,900	51,200	91,700	97,100	96,500	96,200	95,600	93,600
16	90,100	69,600	46,800	51,000	57,400	52,000	91,900	97,100	97,000	95,700	95,800	94,200
17	88,700	68,100	47,200	52,000	57,600	51,000	91,900	96,900	96,500	94,800	96,300	94,700
18	87,700	65,900	46,700	53,100	55,800	54,200	92,300	97,100	97,100	95,400	96,600	94,500
19	85,900	64,000	47,600	53,400	54,200	54,900	92,000	96,900	97,100	96,400	97,000	95,200
20	85,600	59,100	46,700	53,200	56,400	56,000	93,400	96,900	97,000	95,800	96,800	95,700
21	85,600	57,000	47,100	53,500	55,900	57,200	92,400	95,900	96,900	95,800	97,400	96,200
22	84,500	57,000	46,700	53,500	56,400	58,500	93,300	96,400	96,900	95,800	96,800	96,200
23	84,200	55,300	47,400	52,700	53,400	60,500	93,400	96,200	95,700	96,400	96,400	96,200
24	84,800	54,000	48,000	53,300	48,000	61,700	92,900	96,200	95,700	96,200	96,600	95,700
25	86,000	51,400	48,400	53,300	43,900	64,200	93,400	96,400	95,700	95,700	96,900	95,400
26	86,700	50,300	48,600	53,300	42,700	66,300	94,000	96,400	95,900	95,700	96,800	95,400
27	86,900	48,000	48,600	54,800	43,600	66,100	94,000	96,000	96,200	95,700	97,100	94,100
28	86,200	46,500	48,600	54,600	42,900	74,600	93,800	96,400	96,200	96,400	96,600	94,100
29	86,800	44,600	48,800	53,800		83,300	93,800	96,000	96,200	96,200	96,600	93,200
30	86,900	40,000	49,000	53,600		89,400	94,500	95,600	96,400	96,400	96,400	93,700
31	86,800		48,800	53,600		89,900		96,400		96,400	96,400	

MEAN ACRE- FEET												

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

LAKE WALCOTT NEAR MINIDOKA, IDAHO

YEAR
OR
PERIOD

MEAN
ACRE-
FEET

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	759						0	355	1,300	1,650	1,550	1,200
2	797						0	377	1,110	1,750	1,580	1,200
3	781						0	456	1,080	1,700	1,580	1,170
4	748						0	662	994	1,680	1,580	1,000
5	731						0	772	996	1,710	1,580	958
6	692						0	841	999	1,810	1,580	994
7	650						0	874	1,240	1,860	1,560	956
8	582						0	1,120	1,590	1,870	1,520	836
9	551						0	1,220	1,750	1,900	1,550	790
10	553						0	1,150	1,730	1,830	1,580	788
11	553						0	1,120	1,520	1,830	1,580	783
12	551						0	1,220	1,400	1,860	1,590	783
13	604						0	1,260	1,310	1,890	1,620	819
14	664						0	1,310	1,240	1,920	1,620	838
15	654						223	1,440	1,120	1,920	1,620	838
16	549						372	1,520	1,170	1,920	1,620	843
17	499						372	1,580	1,160	1,920	1,650	841
18	497						372	1,600	1,170	1,920	1,650	783
19	463						369	1,650	1,300	1,920	1,640	759
20	443						384	1,730	1,340	1,920	1,640	783
21	420						413	1,610	1,410	1,920	1,640	748
22	156						413	1,410	1,690	1,920	1,640	746
23	0						413	1,200	1,760	1,920	1,630	746
24	0						411	1,150	1,820	1,890	1,600	744
25	0						413	1,140	1,910	1,820	1,540	766
26	0						337	1,180	1,920	1,820	1,540	805
27	0						307	1,220	1,920	1,820	1,500	805
28	0						306	1,340	1,810	1,800	1,410	808
29	0						302	1,460	1,730	1,680	1,340	808
30	0						337	1,460	1,700	1,600	1,260	757
31	0							1,440		1,580	1,190	

MEAN	416	0	0	0	0	0	191	1,189	1,440	1,824	1,554	856
ACRE-Feet	25,580						11,390	73,130	85,670	112,200	95,570	50,970

U. S. GOVERNMENT PRINTING OFFICE 16-00060-1

NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

KKkt MEAN 628
XOR 454,500
PERIOD ACRE-Feet

Plate N° 57

Daily discharge, in second-feet, of _____, SOUTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO, for the year ending September 30, 19 11

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	544						0	253	973	1,410	1,460	1,040
2	567						0	301	841	1,410	1,460	1,020
3	588						0	514	787	1,410	1,440	1,010
4	588						0	578	740	1,410	1,390	940
5	593						0	578	738	1,410	1,380	889
6	583						0	575	735	1,410	1,380	850
7	516						0	570	732	1,420	1,380	835
8	455						0	573	732	1,430	1,380	784
9	402						0	575	808	1,430	1,370	732
10	404						15	570	910	1,430	1,360	687
11	398						15	573	958	1,430	1,370	668
12	398						15	604	904	1,440	1,400	710
13	402						50	693	796	1,430	1,420	760
14	484						50	760	817	1,440	1,400	817
15	614						118	799	934	1,450	1,380	817
16	567						201	880	1,020	1,460	1,380	784
17	547						204	961	1,070	1,460	1,360	746
18	502						271	940	1,110	1,460	1,350	710
19	411						348	949	1,180	1,460	1,330	671
20	162						346	1,040	1,280	1,460	1,300	676
21	0						344	1,080	1,330	1,460	1,250	679
22	0						342	1,050	1,340	1,460	1,210	679
23	0						340	991	1,420	1,460	1,200	679
24	0						342	961	1,440	1,450	1,200	679
25	0						340	880	1,450	1,460	1,190	682
26	0						288	880	1,460	1,450	1,160	684
27	0						258	880	1,460	1,460	1,130	684
28	0						257	874	1,460	1,460	1,120	684
29	0						258	871	1,430	1,460	1,160	687
30	0						255	946	1,420	1,460	1,150	690
31	0						1,000			1,460	1,090	

MEAN	314	0	0	0	0	0	155	764	1,076	1,442	1,308	766
ACRE- FEET	19,290	0	0	0	0	0	9,240	47,000	64,020	88,660	80,430	45,570

U. S. GOVERNMENT PRINTING OFFICE 10-00000-1

SOUTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

YEAR
OR
PERIOD

MEAN
ACRE-FOOT 489
354,200

PLATE N° 58

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

SNAKE RIVER NEAR MINIDOKA, IDAHO

NUMBER 13081500

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4,620	3,420	4,730	7,330	8,600	4,920	19,300	22,900	16,000	22,000	9,760	9,160
2	4,760	3,440	4,980	7,300	8,540	4,860	18,300	22,500	18,500	22,200	9,670	9,260
3	4,920	3,430	5,330	7,320	8,640	4,620	18,200	22,200	19,400	20,800	9,580	9,470
4	5,120	3,410	5,720	7,080	8,680	4,550	18,400	21,900	20,300	17,400	9,620	9,160
5	4,920	3,400	5,730	7,420	8,960	4,740	18,800	22,400	21,200	16,600	9,590	8,530
6	4,750	3,410	5,750	7,550	9,240	4,440	19,600	23,700	21,500	16,200	9,660	8,290
7	4,690	3,460	5,360	7,240	9,390	4,410	19,400	24,800	21,400	15,900	9,710	8,470
8	4,680	3,420	5,460	6,920	9,360	4,460	20,800	24,800	20,200	15,500	9,620	8,170
9	4,770	3,410	5,660	6,760	8,900	4,310	22,800	25,100	17,800	15,000	9,560	7,710
10	4,710	3,970	6,060	6,770	8,630	4,230	22,900	25,900	15,400	13,600	9,530	7,310
11	4,690	5,150	6,190	6,800	8,850	4,240	23,300	27,000	13,900	10,900	9,590	7,230
12	4,810	4,730	6,140	6,980	8,770	4,230	22,800	27,400	13,700	9,790	9,610	7,170
13	4,640	4,640	5,890	7,080	9,150	4,390	22,200	27,700	14,000	10,000	9,580	7,320
14	4,650	4,570	5,690	7,160	9,510	4,310	22,300	27,900	14,600	10,200	9,600	7,670
15	4,630	4,550	5,980	7,240	9,480	4,650	22,200	27,800	15,900	10,500	9,720	7,740
16	4,620	4,570	6,130	7,490	9,610	5,150	22,600	27,200	16,600	10,500	9,740	7,610
17	4,590	4,590	6,150	8,120	9,350	5,310	23,300	27,700	14,400	10,200	9,700	7,250
18	4,590	4,730	6,240	9,220	9,030	5,160	23,600	27,400	13,000	10,200	9,740	6,910
19	4,590	4,670	6,290	9,100	9,030	5,090	23,600	26,900	13,100	10,200	9,590	6,880
20	4,630	4,560	6,430	9,400	9,310	5,160	23,800	25,800	13,400	10,100	9,390	6,810
21	4,630	4,680	6,310	9,400	9,220	5,220	23,600	24,900	14,100	10,100	9,390	6,460
22	4,690	4,520	6,480	8,970	9,040	5,220	23,300	24,200	14,800	10,100	9,470	6,250
23	4,600	4,530	6,660	8,950	6,850	5,260	23,000	22,500	15,200	10,100	9,610	6,160
24	4,750	4,570	7,320	8,920	5,830	5,380	22,800	20,900	15,200	10,000	9,300	6,090
25	4,620	4,610	7,230	8,890	5,230	5,280	23,200	20,200	15,600	10,000	8,970	6,160
26	4,670	4,560	7,240	8,930	5,070	5,350	24,400	20,100	16,800	10,000	8,900	6,150
27	4,740	4,510	7,310	8,930	5,110	5,410	24,700	19,600	18,600	9,870	9,260	6,340
28	3,630	4,520	7,300	8,720	4,940	7,320	24,200	17,800	19,900	9,850	9,290	6,790
29	3,420	4,500	7,370	8,590	-----	11,100	23,300	15,600	21,600	9,910	9,410	7,240
30	3,420	4,780	7,330	8,690	-----	16,100	23,200	15,400	21,900	9,820	9,410	7,600
31	3,430	-----	7,370	8,620	-----	19,400	-----	14,800	-----	9,770	9,320	-----
TOTAL	140,980	127,310	193,830	247,890	232,320	184,270	663,900	725,000	508,000	387,310	294,890	223,360
MEAN	4,548	4,244	6,253	7,996	8,297	5,944	22,130	23,390	16,930	12,490	9,513	7,445
MAX	5,120	5,150	7,370	9,400	9,610	19,400	24,700	27,900	21,900	22,200	9,760	9,470
MIN	3,420	3,400	4,730	6,760	4,940	4,230	18,200	14,800	13,000	9,770	8,900	6,090
AC-FT	279,600	252,500	384,500	491,700	460,800	365,500	1,317M	1,438M	1,008M	768,200	584,900	443,000
CAL YR 1970	TOTAL	2,542,265	MEAN	6,965	MAX	20,800	MIN	935	AC-FT	5,043,000		
WTR YR 1971	TOTAL	3,929,060	MEAN	10,760	MAX	27,900	MIN	3,400	AC-FT	7,793,000		

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	52						0	0	88	201	236	152
2	52						0	0	83	213	239	137
3	50						0	0	83	197	239	133
4	50						0	26	88	198	240	130
5	61						0	41	88	201	240	130
6	65						0	41	88	233	247	124
7	65						0	41	99	239	245	128
8	66						0	41	133	250	245	128
9	60						0	41	153	251	236	116
10	56						0	43	174	247	231	104
11	56						0	43	185	245	231	104
12	52						0	43	175	244	232	104
13	52						0	53	176	243	235	108
14	52						0	53	184	246	230	110
15	41						0	54	195	248	229	112
16	0						0	58	191	251	234	108
17	0						38	68	172	252	239	104
18	0						50	72	164	252	238	100
19	0						45	72	167	253	220	100
20	0						35	82	167	254	216	91
21	0						35	95	176	255	197	91
22	0						28	92	206	255	197	89
23	0						0	92	238	252	203	82
24	0						0	73	243	241	199	79
25	0						0	74	254	242	193	79
26	0						0	74	253	240	189	79
27	0						0	71	253	253	183	68
28	0						0	67	247	239	173	72
29	0						0	75	226	239	173	76
30	0						0	82	213	236	173	72
31	0						0			236	159	

MEAN	26.8	0	0	0	0	0	7.7	56.2	172	239	217	104
ACRE- FEET	1,650	0	0	0	0	0	458	3,460	10,240	14,690	13,370	6,170

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9.62	6.55	6.60	4.00	4.50	3.00	7.94	9.18	11.04	10.92	11.16	10.94
2	9.50	6.65	6.80	4.00	4.50	3.50	7.70	9.40	11.08	10.96	11.18	10.84
3	9.34	6.75	5.80	3.75	4.50	3.50	7.30	9.30	11.10	10.96	11.16	10.70
4	9.30	6.75	4.60	3.75	4.50	3.75	7.30	9.40	11.00	10.16	11.12	11.18
5	9.30	6.15	5.00	4.00	4.50	3.50	7.30	9.82	11.10	11.04	11.00	11.18
6	9.32	6.45	5.00	4.00	4.50	3.25	7.56	9.80	11.08	10.76	10.96	11.02
7	9.34	6.40	5.00	4.00	4.50	3.25	7.62	9.80	11.08	11.04	10.96	10.89
8	9.42	6.50	5.00	4.00	5.00	3.25	7.62	9.62	10.94	11.00	11.00	11.10
9	9.27	6.45	5.00	4.00	5.00	3.25	8.30	9.74	10.92	10.96	11.08	11.24
10	9.48	6.30	5.00	4.00	5.00	3.25	8.74	9.80	10.92	10.25	11.04	11.30
11	9.92	6.80	5.25	4.00	4.50	3.25	9.00	9.78	10.89	10.92	11.00	11.20
12	9.68	7.20	5.00	4.00	4.50	3.50	9.00	9.82	11.00	11.02	10.96	10.93
13	9.80	7.25	4.50	4.00	4.50	3.75	8.70	10.14	10.98	10.90	10.96	10.72
14	9.64	7.40	4.00	4.00	5.00	4.00	8.40	10.28	10.90	10.86	10.96	10.41
15	9.22	7.10	3.50	4.25	4.50	4.25	8.30	10.20	11.10	10.82	10.93	10.54
16	9.04	6.90	3.50	4.50	5.00	5.00	8.00	9.90	11.12	10.94	10.96	10.80
17	8.82	7.00	3.50	4.50	5.00	5.75	8.30	10.20	10.96	11.04	11.00	11.06
18	8.73		3.50	5.00	4.50	6.50	8.40	10.50	10.84	11.10	11.00	11.06
19	8.65	6.40	3.50	5.00	4.50	6.50	8.60	10.48	10.96	11.14	11.06	11.03
20	8.43	6.80	3.50	5.00	5.00	6.50	8.70	10.28	10.98	11.14	11.12	11.15
21	8.00	6.60	3.50	5.00	5.00	7.25	8.80	10.28	10.96	11.12	11.10	11.19
22	7.77	6.60	3.50	5.00	4.50	7.60	9.20	10.00	10.96	11.10	11.10	11.11
23	7.62	6.55	3.50	5.00	4.15	7.74	9.24	9.98	11.02	11.10	10.90	11.03
24	7.23	6.63	3.50	5.00	3.75	7.80	9.10	10.02	10.98	11.14	11.00	10.90
25	7.25	6.40	3.75	5.00	3.75	7.98	9.28	10.50	11.00	11.14	11.08	10.64
26	6.91	6.65	3.90	5.00	3.50	7.84	9.40	10.52	11.15	11.16	11.00	10.52
27	6.65	6.60	4.25	5.00	3.50	7.70	9.10	10.66	11.15	11.16	10.90	10.58
28	6.97	6.60	4.25	5.00	3.00	6.90	9.00	10.96	11.14	11.10	10.80	10.75
29	6.45	6.60	4.25	5.00		6.70	9.00	10.88	11.02	11.14	10.74	10.78
30	6.38	6.50	4.25	5.00		7.20	9.10	10.88	11.06	11.16	10.80	11.03
31	6.57		4.00	4.50		7.00		10.98		11.12	10.90	

MEAN ACRE- FEET												

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

LAKE MILNER AT MILNER, IDAHO

 YEAR
OR
PERIOD
MEAN
ACRE-
FEET

Plate N° 61

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								0	68	68	77	66
2								6	68	72	77	66
3								18	69	72	77	66
4								18	69	71	74	66
5								18	69	73	74	66
6								18	67	74	74	66
7								35	67	74	73	62
8								46	67	74	73	62
9								47	66	75	73	62
10								47	66	75	73	62
11								49	66	75	73	62
12								62	66	75	73	62
13								62	67	76	73	60
14								59	67	76	73	60
15								59	66	76	72	57
16								59	66	76	72	56
17								59	66	76	70	56
18								59	66	77	70	55
19								59	66	77	67	55
20								60	66	77	66	50
21								66	66	77	66	50
22								66	66	80	66	49
23								64	66	80	67	49
24								64	66	81	66	49
25								64	67	81	66	47
26								64	67	81	64	45
27								67	67	78	64	45
28								67	67	78	63	34
29								67	67	78	63	33
30								68	68	78	63	33
31								68		78	63	

MEAN	0	0	0	0	0	0	0	50.5	66.8	76.1	69.8	55.0
ACRE- FEET	0	0	0	0	0	0	0	3,100	3,980	4,680	4,290	3,270

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

P. A. LATERAL NEAR MINER, IDAHO

YEAR
OR
PERIOD

MEAN
ACRE-
FEET

Plate No. 62.

Daily discharge, in second-feet, of _____ MILNER LOW LIFT CANAL NEAR MILNER, IDAHO _____

for the year ending September 30, 19 _____

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	80							0	136	233	250	216
2	79							0	136	241	258	207
3	77							22	131	241	261	185
4	70							34	128	241	268	158
5	67							34	121	247	271	139
6	67							52	118	266	271	135
7	67							60	132	285	264	135
8	59							60	116	298	261	135
9	52							68	180	298	261	135
10	49							98	190	298	261	135
11	49							110	185	298	261	123
12	49							124	175	298	270	119
13	49							143	173	298	280	119
14	49							166	168	298	283	119
15	35							166	165	298	283	119
16	0							166	165	298	283	119
17	0							180	165	298	283	119
18	0							190	177	298	283	112
19	0							192	182	300	283	105
20	0							192	182	298	283	103
21	0							192	187	297	279	103
22	0							156	197	296	278	103
23	0							133	206	296	278	103
24	0							125	221	296	278	103
25	0							121	226	296	222	103
26	0							118	236	296	216	103
27	0							118	240	296	216	103
28	0							118	240	295	216	103
29	0							118	222	298	216	103
30	0							118	223	290	216	103
31	0							136	223	272	216	103

MEAN	29.0	0	0	0	0	0	0	113	177	286	260	126
ACRE-Feet	1,780	0	0	0	0	0	0	6,960	10,560	17,570	15,970	7,470

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

MILNER LOW LIFT CANAL NEAR MILNER, IDAHO

YEAR 83.3
PERIOD 60,310
ACRE-Feet

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,150	230						960	1,510	1,540	1,640	1,520
2	1,150	230						1,060	1,520	1,610	1,630	1,520
3	1,150	230						1,120	1,430	1,590	1,630	1,520
4	1,150	230						1,130	1,360	1,590	1,630	1,520
5	1,150	230						1,130	1,360	1,600	1,630	1,520
6	1,150	230						1,130	1,360	1,600	1,630	1,520
7	1,150	230						1,130	1,360	1,600	1,630	1,440
8	1,150	230						1,130	1,430	1,600	1,630	1,380
9	1,150	230						1,130	1,490	1,600	1,630	1,380
10	590	230						1,130	1,490	1,590	1,630	1,380
11	360	230						1,130	1,500	1,630	1,620	1,380
12	360	230						1,130	1,500	1,620	1,620	1,380
13	280	230						1,130	1,500	1,620	1,620	1,390
14	230	230						1,130	1,500	1,620	1,630	1,390
15	230	230						1,180	1,510	1,620	1,630	1,390
16	230	80					360	1,220	1,500	1,640	1,600	1,390
17	230	0					510	1,230	1,500	1,660	1,580	1,390
18	230	0					230	1,230	1,500	1,650	1,580	1,320
19	230	0					230	1,230	1,490	1,650	1,580	1,280
20	230	0					480	1,220	1,490	1,650	1,540	1,280
21	230	0					630	1,220	1,490	1,650	1,520	1,290
22	230	0					790	1,220	1,490	1,650	1,520	1,290
23	230	0					950	1,220	1,480	1,650	1,520	1,290
24	230	0					950	1,310	1,480	1,640	1,510	1,290
25	230	0					950	1,360	1,480	1,640	1,520	1,290
26	230	0					950	1,370	1,480	1,640	1,520	1,290
27	230	0					960	1,460	1,480	1,640	1,520	1,290
28	230	0					950	1,510	1,480	1,640	1,520	1,290
29	230	0					940	1,500	1,480	1,640	1,520	1,290
30	230	0					950	1,510	1,480	1,640	1,520	1,290
31	230							1,510		1,640	1,520	

MEAN	519	118	0	0	0	0	369	1,228	1,471	1,624	1,581	1,373
ACRE- FEET	31,890	7,000	0	0	0	0	21,940	75,510	87,510	99,870	97,230	81,700

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

GOODING PROJECT IN GOODING CANAL NEAR MTINER, IDAHO

YEAR 1971 MEAN 694
ACRE-FEET 502,700

Plate No. 64

NORTH SIDE CANAL PROJECT IN GOODING CANAL NEAR MILNER, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	927	601	228					625	869	865	888	841
2	924	601	0					617	869	867	892	841
3	927	603	0					608	860	869	894	846
4	924	601	0					607	860	871	890	852
5	924	601	0					605	863	873	890	850
6	917	601	0					607	860	873	892	850
7	930	601	0					604	863	865	896	852
8	930	601	0					598	865	871	894	852
9	922	601	0					598	863	873	896	841
10	965	601	0					597	863	869	898	841
11	989	601	0					596	863	873	900	841
12	984	600	0					584	863	871	898	839
13	908	600	0					586	860	875	896	837
14	858	601	0					589	858	879	894	832
15	865	601	0					752	863	882	894	832
16	873	605	0					846	863	877	890	830
17	873	605	0					858	863	877	890	832
18	871	604	0					863	863	879	888	821
19	869	609	0					863	860	879	890	815
20	869	614	0					863	863	877	892	813
21	871	612	0					860	863	877	873	806
22	862	614	0					863	852	877	843	806
23	869	607	0					860	854	879	848	804
24	871	605	0					869	854	879	852	804
25	871	605	0					865	854	879	846	804
26	712	605	0					871	856	879	837	804
27	596	607	0					873	856	879	839	804
28	597	607	0					867	858	882	841	806
29	596	610	0					869	863	882	846	804
30	591	609	0					871	865	882	843	804
31	598		0					871		886	841	

MEAN	848	604	7.35	0	0	0	47.7	742	861	876	876	827
ACRE- FEET	52,130	35,970	452	0	0	0	2,840	45,630	51,230	53,840	53,890	49,200

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

NORTH SIDE CANAL PROJECT IN GOODING CANAL NEAR

MILNER, IDAHO

YEAR
OR
PERIOD

MEAN
ACRE-FOOT

477
345,200

Plate No 65

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1130	218					0	936	1490	1520	1620	1500
2	1130	220					0	1040	1500	1590	1610	1500
3	1130	220					0	1100	1410	1570	1610	1500
4	1130	220					0	1110	1340	1570	1610	1500
5	1130	218					0	1110	1340	1580	1610	1500
6	1130	218					0	1110	1340	1580	1610	1500
7	1130	217					0	1110	1340	1580	1610	1420
8	1130	218					0	1110	1410	1580	1610	1360
9	1130	217					0	1110	1470	1580	1610	1360
10	576	216					0	1110	1470	1570	1610	1360
11	348	217					0	1110	1480	1610	1600	1360
12	348	216					0	1110	1480	1600	1600	1360
13	268	216					0	1110	1480	1600	1600	1370
14	223	218					0	1110	1480	1600	1610	1370
15	221	219					351	1160	1490	1600	1610	1370
16	221	72					498	1200	1480	1620	1580	1370
17	221	0					220	1210	1480	1640	1560	1370
18	221	0					218	1210	1480	1630	1560	1300
19	221	0					217	1210	1470	1630	1560	1260
20	221	0					465	1200	1470	1630	1520	1260
21	221	0					618	1200	1470	1630	1500	1270
22	219	0					774	1200	1470	1630	1500	1270
23	219	0					930	1200	1460	1630	1500	1270
24	217	0					926	1290	1460	1620	1490	1270
25	219	0					926	1340	1460	1620	1500	1270
26	217	0					928	1350	1460	1620	1500	1270
27	218	0					936	1440	1460	1620	1500	1270
28	218	0					930	1490	1460	1620	1500	1270
29	218	0					924	1480	1460	1620	1500	1270
30	217	0					926	1490	1460	1620	1500	1270
31	218							1490		1620	1500	

MEAN	505	111	0	0	0	0	360	1,208	1,451	1,604	1,561	1,353
ACRE- FEET	31,060	6,620	0	0	0	0	21,400	74,270	86,320	98,640	96,000	80,510

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

GOODING CANAL BELOW NORTH SIDE DIVERSION

NEAR MILNER, IDAHO

 YEAR
OF
PERIOD
MEAN
ACRE-
FEET
683
494,800

Plate No 66

Daily discharge, in second-feet, of

NORTH SIDE TWIN FALLS CANAL AT MILLNER, IDAHO

for the year ending September 30, 19

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	932					0	363	1,490	2,330	2,790	3,080	2,720
2	916					0	352	1,500	2,260	2,820	3,100	2,680
3	912					0	422	1,510	2,170	2,810	3,080	2,650
4	912					0	473	1,620	2,150	2,800	3,080	2,600
5	916					0	497	1,810	2,180	2,800	3,040	2,530
6	838					0	507	2,010	2,130	2,790	3,010	2,500
7	824					0	586	2,220	2,140	2,940	3,030	2,430
8	831					0	658	2,330	2,160	2,950	3,040	2,320
9	824					0	716	2,410	2,360	2,990	3,050	2,140
10	239					0	733	2,410	2,410	3,040	3,020	2,090
11	0					0	761	2,430	2,320	3,010	3,000	2,060
12	0					0	758	2,550	2,320	3,000	3,000	2,090
13	0					0	852	2,590	2,310	2,960	3,000	2,050
14	0					0	900	2,630	2,340	2,980	2,980	2,100
15	0					0	868	2,610	2,370	3,000	2,960	2,080
16	0					0	940	2,580	2,360	3,040	3,000	2,030
17	0					0	1,150	2,670	2,340	3,060	3,000	1,920
18	0					0	1,230	2,630	2,360	3,090	3,000	1,880
19	0					0	1,360	2,530	2,520	3,100	3,000	1,780
20	0					0	1,610	2,510	2,590	3,080	2,950	1,780
21	0					0	1,810	2,260	2,660	3,080	2,940	1,800
22	0					0	1,840	2,190	2,810	3,090	2,920	1,790
23	0					0	1,850	2,150	2,840	2,720	2,960	1,730
24	0					0	1,820	2,180	2,820	2,560	2,990	1,690
25	0					199	1,680	2,240	2,780	3,090	2,920	1,600
26	0					342	1,500	2,360	2,810	3,080	2,840	1,570
27	0					347	1,420	2,440	2,820	3,070	2,780	1,550
28	0					304	1,420	2,410	2,800	3,060	2,760	1,500
29	0					323	1,410	2,430	2,780	3,060	2,740	1,410
30	0					336	1,440	2,440	2,780	3,060	2,750	1,250
31	0					342		2,460		3,060	2,720	

MEAN	263	0	0	0	0	70.7	1,064	2,277	2,467	2,967	2,959	2,011
ACRE-Feet	16,150	0	0	0	0	4,350	63,320	140,000	146,800	182,400	182,000	119,600

U. S. GOVERNMENT PRINTING OFFICE 16-60000-1
NORTH SIDE TWIN FALLS CANAL AT MILLNER, IDAHO

YEAR OR PERIOD
MEAN
ACRE-Feet
1,181
854,700

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,640	640	448	1.0	1.3	0	52	2,000	3,170	3,710	3,950	3,620
2	1,690	613	440	1.0	1.3	0	170	2,060	3,010	3,740	3,900	3,550
3	1,860	601	400	1.0	1.3	0	245	2,070	3,010	3,790	3,890	3,460
4	1,780	598	370	1.0	1.3	0	268	2,150	3,030	3,760	3,940	3,350
5	1,660	607	370	1.0	1.3	0	350	2,290	3,200	3,770	3,960	3,290
6	1,630	601	370	1.0	1.3	0	402	2,440	3,160	3,810	3,940	3,240
7	1,630	523	368	1.0	1.3	0	412	2,700	3,180	3,840	3,950	3,240
8	1,560	496	365	1.0	1.3	0	410	2,850	3,230	3,850	3,950	3,120
9	1,450	493	368	1.0	1.3	0	535	2,790	3,220	3,890	3,940	2,900
10	1,320	493	388	1.0	1.3	0	706	2,760	3,160	3,970	3,900	2,820
11	1,270	511	398	1.0	1.3	0	751	3,010	2,980	3,880	3,920	2,760
12	1,270	538	390	1.0	1.3	0	884	3,310	2,840	3,910	3,920	2,850
13	1,220	541	370	1.0	1.3	0	922	3,280	2,830	3,900	3,940	2,820
14	1,170	535	234	1.0	1.3	0	915	3,280	2,910	3,940	3,920	2,820
15	1,140	523	39	1.0	1.3	0	1,060	3,270	2,910	3,990	3,950	2,850
16	1,110	490	1.3	1.0	1.3	0	1,180	3,300	3,000	4,000	3,980	2,890
17	1,100	478	1.3	1.0	1.3	0	1,270	3,550	3,210	3,950	3,960	2,770
18	1,080	462	1.3	1.0	1.3	0	1,330	3,700	3,360	3,940	3,960	2,620
19	1,060	455	1.3	1.0	1.3	0	1,340	3,550	3,400	3,970	3,900	2,580
20	1,040	450	1.3	1.0	1.3	0	1,440	3,500	3,410	3,940	3,920	2,520
21	974	450	1.3	1.0	0	0	1,620	3,340	3,420	3,950	3,900	2,430
22	946	445	1.3	1.0	0	81	1,740	3,350	3,660	3,950	3,880	2,320
23	918	442	1.3	1.0	0	182	1,770	2,950	3,670	3,990	3,870	2,240
24	901	448	1.3	1.3	0	184	1,760	3,050	3,640	3,970	3,830	2,210
25	880	448	1.3	1.3	0	172	1,700	3,270	3,650	3,930	3,750	2,170
26	862	445	1.3	1.3	0	59	1,520	3,320	3,740	3,940	3,680	2,260
27	814	440	1.0	1.3	0	25	1,510	3,300	3,730	3,950	3,640	2,300
28	745	438	1.0	1.3	0	21	1,510	3,310	3,720	3,940	3,670	2,240
29	673	438	1.0	1.3		22	1,590	3,330	3,690	3,970	3,640	2,220
30	637	448	1.0	1.3		26	1,780	3,330	3,650	3,960	3,690	2,160
31	640		1.0	1.3		51		3,340		3,960	3,670	

MEAN	1,183	503	172	1.08	0.93	26.5	1,038	3,024	3,293	3,905	3,868	2,754
ACRE- FEET	72,730	29,930	10,590	66	52	1,630	61,770	186,000	195,900	240,100	237,800	163,900

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

SOUTH SIDE TWIN FALLS CANAL AT MILNER, IDAHO

MEAN
ACRE-
FEET

1,658
1,201,000

Plate No 68

Daily discharge, in second-feet, of Snake River near Milner, Idaho

for the year ending September 30, 19 71

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	434	2,120	4,110	7,620	9,600	4,940	19,100	18,400	7,030	14,100	55	541
2	572	2,180	5,130	7,420	9,150	5,260	18,200	18,100	10,200	13,600	54	537
3	572	2,180	5,850	6,600	8,930	5,720	17,500	17,400	12,200	13,700	49	537
4	576	2,290	5,640	6,100	9,510	5,540	17,600	16,700	12,900	8,520	36	736
5	580	2,300	5,660	6,610	9,280	4,620	17,600	17,000	14,300	7,310	24	866
6	604	2,250	5,700	7,020	9,750	4,760	18,200	17,600	14,900	6,600	19	576
7	604	2,180	5,610	6,960	9,510	5,170	18,000	18,200	14,900	6,620	20	503
8	600	2,230	5,480	6,860	10,500	4,720	18,600	17,900	13,500	6,240	20	522
9	596	2,230	5,300	7,010	10,300	4,680	20,300	18,000	11,000	5,650	20	534
10	1,340	2,210	5,730	7,370	9,540	4,510	20,500	18,700	8,110	4,050	20	534
11	2,500	2,890	6,070	7,520	9,390	4,510	20,900	19,100	6,610	1,690	22	518
12	2,580	3,270	6,340	7,500	9,750	4,310	20,800	18,600	6,620	322	22	511
13	2,770	3,340	6,180	6,860	9,750	4,020	20,300	19,100	6,770	204	21	530
14	2,980	3,670	6,020	6,490	10,200	4,340	19,900	19,200	6,830	198	21	522
15	3,390	3,660	6,240	7,420	10,300	4,290	19,300	19,200	7,880	173	21	530
16	3,270	3,540	6,470	8,690	10,500	4,650	19,100	18,000	9,420	124	22	534
17	3,180	3,840	6,490	9,000	10,500	4,760	19,700	17,900	7,400	101	23	541
18	3,160	3,620	6,490	10,300	9,960	5,520	20,100	18,600	5,410	102	23	549
19	3,120	3,740	6,360	10,500	9,690	5,560	20,300	18,300	4,820	99	24	553
20	3,400	3,840	5,980	10,100	10,200	4,840	19,900	17,500	4,990	71	24	557
21	3,420	3,670	6,290	10,300	10,200	4,830	19,100	17,400	6,010	65	24	604
22	3,290	3,830	6,590	10,100	10,200	5,190	18,900	17,300	5,810	64	24	507
23	3,390	3,810	6,200	9,920	8,900	5,320	18,900	16,300	6,390	489	23	541
24	3,180	3,730	6,680	9,810	6,770	5,340	18,700	13,800	6,320	697	24	537
25	3,180	3,670	6,960	9,780	5,540	5,420	19,200	12,300	6,290	61	24	530
26	3,200	3,750	7,460	9,720	5,000	5,280	20,000	12,100	6,920	64	22	530
27	3,290	3,720	7,460	9,860	4,070	6,380	21,400	11,100	9,280	62	290	561
28	3,280	3,650	8,280	9,780	4,380	6,540	20,800	10,000	10,900	50	534	500
29	2,890	3,650	8,080	9,510		8,450	19,700	6,970	13,600	52	530	1,230
30	1,790	3,490	7,950	9,260		14,300	18,900	6,520	14,300	51	530	2,080
31	2,020		7,950	9,460		17,400		6,230		53	545	

U. S. GOVERNMENT PRINTING OFFICE 10-60000-1

Snake River near Milner, Idaho

Year 1971 Mean 6,890
 or 1970 Mean 4,989,000
 Acre-Feet

Plate No. 69

Mean	2,250	3,150	6,350	8,430	8,980	5,840	19,380	15,920	9,050	2,940	100	638
Acres-Feet	138,400	187,500	390,300	518,600	498,600	359,400	1,153,000	978,900	538,700	180,900	6,170	38,000