

WATER DISTRIBUTION  
AND HYDROMETRIC WORK

DISTRICT NO. 36

SNAKE RIVER, IDAHO

1969

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## I N T R O D U C T I O N

The annual meeting of Water District No. 36 was held at Idaho Falls on March 3, 1969. H. C. Eagle was reelected as watermaster for the ensuing year.

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

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

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

Principal resolutions adopted at the annual meeting were as follows:

1. That the following transmission losses be charged on stored water: 1.7% Moran to Palisades; 0.8% Palisades to Heise; 4.4% Heise to Lorenzo; 0.5% Lorenzo to Woodville; 6% Woodville to Blackfoot; 4% Henrys Lake to Island Park; 2% Island Park to Warm River; 0.5% Warm River to Ashton.

2. Adopted a budget of \$83,496 to cover the expense of operating the District during the coming year, of which it was estimated that \$37,000 would be available from Federal and State stream gaging funds.

3. Recommended the continuation of a pool committee to obtain and allocate rental water.

4. Reaffirmed support of an integrated multipurpose Lynn Crandall project.

Precipitation for 1969 was normal. The average precipitation for

nine representative stations for the water year ending September 30, 1969, was 15.25" compared to a normal of 15.32. Precipitation for March, April and May was 34%, 63%, and 25% of normal, respectively. January and June precipitation was 213% and 170% of normal, respectively. River regulation was discontinued on September 24.

The 1969 storage season was very unusual, with the heaviest precipitation of record for the month of January. However, from mid-February to the first part of June, precipitation was much below normal, and even though the run-off forecasts were revised steadily downward, the heavy demand for water during May and early June prevented filling Palisades in its own right. American Falls stored adversely in Palisades, and was theoretically full on July 1.

The Milner spill was cut off on May 11. During the October through July period about 1,978,000 acre-feet in excess of Idaho Power Company rights spilled to waste past Milner. All reservoir allotments were filled except Palisades which received a 77% allotment.

Storage deliveries started in the lower valley on May 9. Storage charges May 9 to July 1 were cancelled by American Falls adverse storage in Palisades. The 1916 "floodwater" rights were cut off on July 9. The lowest cut in rights was on September 4 when the October 16, 1890 rights were cut off.

Total usable contents in the reservoir system on October 9 (American Falls time) was 1,660,000 acre-feet. This is 41% of active capacity.

Discharge at the Minidoka Dam was not cut below the 2,700 cfs power right.

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

Henry Eagle died on June 20 after 26 years of outstanding service in the Water District 36 office, ten years as watermaster.

#### PERSONNEL

The persons engaged in water distribution during 1969 were as follows:

H. C. Eagle	Watermaster and Deputy Com. of Reclamation,
Arthur L. Larson	Hydraulic Engineer and Deputy Watermaster, Oct. 1 - June 23
	Watermaster and Deputy Com. of Reclamation, June 24 - Sept. 30
C. Michael Bennett	Hydraulic Engineer and Deputy Watermaster
Ira R. Virgil	Engineering Aid and Hydrographer
L. C. Anderson	Deputy Watermaster and Hydrographer at St. Anthony
Harold W. Blauer	Hydrographer
A. H. Bush	Hydrographer
Judith R. Zavala	Clerk
Arthur W. Wilson	Deputy Watermaster and 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
James Gamblin	Deputy Watermaster, Idaho Falls Division
Al Smith	Deputy Watermaster, Blackfoot Division
Vern Ford	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: Foster B. Randall, Bruce Cole, Mrs. Irvin Siepert, R. E. Wagner, Rogers Livingston, R. H. Seymour, Mario M. Purin, Roy Flavel, Jess Jackson, Robert Timmons, Nalon Humphrey, Lee Peterson.

## SNOW SURVEYS

The results of snow surveys for the past ten years are shown in the following tabulations. The figures for earlier years are shown in previous annual reports of the District. Normals are those computed by Soil Conservation Service and are mostly for period 1952-66.

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

<u>Year</u>	<u>Jan. 1</u>		<u>Feb. 1</u>		<u>Mar. 1</u>		<u>April 1</u>	
	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>
<u>Moran (Snake River)</u>								
1960	12	1.8	25	5.2	36	9.5	30	10.3
1961	25	4.8	26	6.2	33	7.9	26	7.5
1962	35	8.0	41	10.4	43	12.4	44	14.2
1963	11	1.8	27	5.2	29	8.6	25	8.2
1964	21	3.8	40	9.1	38	10.1	43	12.7
1965	37	10.3	52	14.1	48	15.8	50	17.6
1966	24	4.1	32	8.1	38	9.6	34	10.4
1967	22	4.6	37	10.3	41	12.4	40	12.9
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
Normal		5.2		8.8		11.4		12.4
<u>Moran Canyon (Snake River)</u>								
1960			38	7.5	48	13.3	-	(14.8)
1961			35	9.5	49	13.6	49	16.5
1962			57	17.3	65	23.0	70	26.0
1963			-	-	45	13.1	39	13.9
1964			54	13.7	49	16.7	66	20.4
1965			74	20.9	69	23.7	72	26.2
1966			46	12.9	54	16.0	49	17.8
1967			49	14.2	58	18.3	55	20.5
1968			42	10.4	56	16.3	51	17.8
1969			56	16.2	63	19.0	55	20.0
Normal				13.8		18.7		21.5
<u>Arizona Station (Snake River)</u>								
1960	16	2.6	32	6.2	40	10.8	44	13.9
1961	30	7.3	33	8.3	47	12.8	46	15.3
1962	44	11.7	49	14.1	61	19.3	67	23.5
1963	15	3.0	30	5.7	36	9.8	33	10.3
1964	28	6.6	50	12.5	62	18.3	60	18.7
1965	48	13.7	67	19.8	63	22.2	66	25.0
1966	35	6.3	39	11.4	45	13.6	51	17.0
1967	32	8.8	53	15.4	59	18.8	62	21.5
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
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>								
1960	17	3.0	35	6.3	43	10.9	46	13.7
1961	32	7.6	33	8.6	46	12.7	50	15.2
1962	44	11.6	52	14.9	63	20.1	68	23.7
1963	16	3.5	35	6.6	42	10.7	38	11.6
1964	29	6.7	52	12.9	49	14.5	63	19.7
1965	46	12.7	66	18.9	64	22.7	65	24.1
1966	35	6.5	44	12.7	48	15.5	53	17.7
1967	29	7.4	52	14.6	56	17.3	58	19.5
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
Normal		7.8		12.6		16.8		19.4
<u>Snake River Station (Snake River)</u>								
1960	14	2.3	33	6.3	44	11.7	43	14.2
1961	37	8.7	37	10.1	53	15.1	57	17.9
1962	48	12.8	53	15.9	63	20.2	66	23.2
1963	19	4.8	41	8.3	49	13.2	44	14.6
1964	28	6.2	52	12.5	52	15.0	65	20.3
1965	46	12.8	66	18.6	71	23.8	70	25.7
1966	35	6.3	44	12.3	48	15.1	51	17.8
1967	25	6.6	51	14.5	58	18.0	59	20.4
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
Normal		8.1		13.2		17.9		20.9
<u>Lewis Lake Divide (Snake River)</u>								
1960	26	5.5	56	13.4	66	21.1	78	27.1
1961	54	15.6	51	17.0	89	27.6	102	36.1
1962	86	25.9	86	30.8	116	42.4	133	50.4
1963	31	9.7	59	14.8	75	23.6	71	26.3
1964	45	12.8	79	22.8	79	26.8	112	37.3
1965	87	28.8	121	39.5	126	48.8	130	52.1
1966	66	14.8	77	25.4	81	30.1	89	34.9
1967	48	15.9	103	32.1	107	39.0	122	45.6
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
Normal		17.5		26.7		36.0		42.7
<u>Aster Creek (Snake River)</u>								
1960	21	3.6	45	9.7	49	14.6	56	16.6
1961	41	11.8	42	12.3	71	19.7	79	25.9
1962	67	20.4	71	23.1	93	32.0	106	38.2
1963	28	8.0	48	10.9	61	17.7	56	19.2
1964	32	8.0	65	16.5	62	18.3	81	25.4
1965	78	24.7	102	33.9	99	37.9	107	41.9
1966	62	12.4	63	20.5	66	23.5	76	29.1
1967	40	12.8	91	26.6	89	31.2	100	36.2
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
Normal		12.9		20.0		26.5		31.4

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Colter Creek (Snake River)</u>								
1960			366	8.1	50	12.8	44	15.5
1961			34	9.2	53	15.5	59	19.1
1962			55	16.2	68	21.9	70	25.4
1963			38	8.4	49	14.0	47	15.7
1964			57	12.8	52	16.4	74	22.4
1965			-	-	74	25.3	78	26.9
1966			-	-	55	16.3	43	16.4
1967			-	-	60	20.6	61	22.5
1968			-	-	56	18.6	55	19.6
1969			62	18.7	64	21.5	57	20.9
Normal						19.6		22.7
<u>Glade Creek (Snake River)</u>								
1960	13	2.1	33	6.3	45	12.0	49	15.0
1961	36	8.6	35	10.0	50	13.9	60	18.3
1962	51	14.0	56	17.5	70	23.4	70	27.4
1963	16	3.9	37	9.0	44	11.8	44	13.0
1964	29	6.5	52	12.9	50	15.1	67	20.6
1965	47	13.9	69	20.6	71	25.0	74	27.0
1966	37	6.8	46	13.3	57	16.3	54	19.1
1967	29	7.3	52	14.8	61	18.9	63	22.0
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
Normal		8.6		14.1		18.7		22.1
<u>Base Camp (Snake River)</u>								
1960	14	2.7	30	6.1	40	10.5	42	13.5
1961	-	6.3	32	7.3	44	11.5	38	12.3
1962	44	11.1	46	13.3	56	17.3	59	20.5
1963	17	4.0	42	8.6	42	12.0	37	12.4
1964	28	6.5	52	12.8	51	15.2	64	19.7
1965	52	16.0	81	23.8	71	26.9	75	29.9
1966	31	6.4	42	12.4	46	14.6	49	16.9
1967	30	7.5	56	15.9	59	19.7	60	22.0
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
Normal		7.4		12.7		16.8		19.1
<u>Average water content of ten Jackson Lake courses</u>								
1960				7.5		12.7		15.5
1961				9.8		15.0		18.4
1962				17.4		23.2		27.2
1963				7.7		13.4		14.5
1964				13.8		16.2		21.7
1965				23.3		27.2		29.6
1966				14.3 (9)		17.1		19.7
1967				17.6 (9)		21.4		24.3
1968				12.9 (9)		17.5		19.3
1969				20.0 (9)		23.8		24.2
Normal				14.8		19.9		23.1

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

Year	Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W
<u>Turpin Meadows (Buffalo River)</u>						
1960	16	2.8	24	5.6	24	6.8
1961	25	5.6	31	7.4	28	8.4
1962	34	8.5	40	11.4	40	12.1
1963	27	4.9	31	7.1	22	6.4
1964	35	7.9	38	9.6	43	12.5
1965	48	10.6	40	12.4	42	12.9
1966	25	5.8	28	6.8	24	7.0
1967	30	7.1	35	9.6	29	9.8
1968	29	6.3	33	9.5	36	10.4
1969	35	8.5	36	9.5	35	10.1
Normal		7.2		9.5		10.3
<u>Four Mile Meadows (Buffalo River)</u>						
1960	24	4.6	33	7.8	34	9.6
1961	32	7.5	40	10.0	44	11.4
1962	40	10.1	49	13.3	54	15.9
1963	35	6.3	42	10.0	36	10.5
1964	42	9.5	45	11.8	51	15.1
1965	50	12.3	44	14.0	48	16.1
1966	29	6.9	35	8.6	34	9.4
1967	35	8.0	39	10.4	41	12.6
1968	41	9.5	47	12.3	52	14.9
1969	42	10.3	43	11.9	44	13.1
Normal		8.5		11.0		13.1
<u>Black Rock (Buffalo River)</u>						
1960	39	9.5	48	13.4	57	17.4
1961	41	10.1	52	13.3	57	17.1
1962	51	14.8	68	20.2	72	25.0
1963	48	9.1	60	15.8	52	17.3
1964	56	13.5	57	16.8	68	22.3
1965	77	20.3	68	24.5	76	28.2
1966	40	10.8	37	12.7	48	15.8
1967	53	13.8	60	18.2	64	21.3
1968	59	15.3	67	20.3	69	22.6
1969	60	16.8	62	19.8	65	21.9
Normal		13.4		17.6		21.6
<u>Togwotee Pass (Buffalo River)</u>						
1960	54	14.4	64	19.1	74	24.6
1961	54	15.3	67	19.0	71	24.0
1962	66	21.6	86	28.3	89	33.4
1963	64	13.6	77	22.0	69	24.4
1964	70	18.3	70	22.1	85	30.3
1965	99	28.1	86	33.5	99	39.4
1966	49	14.6	57	17.5	58	21.2
1967	74	20.1	81	26.9	86	31.6
1968	62	18.3	77	25.0	78	27.8
1969	80	23.8	81	27.4	79	29.8
Normal		18.6		24.4		29.8

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Valley View Ranch (Henrys Fork)</u>								
1960	14	1.5	24	4.4	30	6.9	32	8.0
1961	25	4.8	23	5.8	39	10.1	42	13.4
1962	37	9.0	46	12.8	54	15.8	58	19.4
1963	21	4.7	31	7.6	32	8.4	35	9.0
1964	22	4.6	45	11.5	50	14.8	58	19.4
1965	45	11.2	76	23.5	64	24.0	65	25.9
1966	22	3.4	34	8.4	37	10.6	39	13.0
1967	33	7.0	62	18.2	61	22.2	69	25.2
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
Normal		5.3		10.3		13.3		15.9
<u>Big Springs (Henrys Fork)</u>								
1960	13	1.5	27	5.6	38	10.0	34	11.0
1961	31	6.8	30	8.8	53	16.5	56	19.8
1962	49	13.5	56	17.5	68	22.8	69	25.6
1963	15	3.2	28	6.2	35	9.2	32	10.4
1964	26	5.8	49	11.4	53	14.9	65	21.8
1965	58	13.3	81	22.2	69	24.6	68	26.3
1966	23	3.3	41	10.5	46	13.9	44	16.8
1967	37	9.4	69	19.4	68	23.1	74	26.7
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
Normal		7.2		13.1		17.9		20.8
<u>Island Park (Henrys Fork)</u>								
1960	14	1.5	26	4.8	36	7.9	30	8.9
1961	27	5.5	26	7.0	45	12.5	45	15.0
1962	40	10.2	49	13.2	57	17.6	62	20.3
1963	14	3.0	25	4.9	31	7.8	30	8.8
1964	23	4.5	42	8.7	43	11.1	51	15.9
1965	55	11.5	73	19.4	60	20.4	55	20.8
1966	19	2.5	56	8.4	40	11.2	34	11.5
1967	32	6.4	59	15.8	54	17.2	56	19.6
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
Normal		5.6		10.6		13.9		15.6
<u>Grassy Lake (Falls River)</u>								
1960	21	3.9	52	11.7	68	20.1	74	25.2
1961	49	13.2	46	15.1	74	23.3	81	28.6
1962	70	20.4	77	25.6	92	34.4	100	39.9
1963	26	7.1	54	14.3	63	19.0	69	22.3
1964	40	10.1	74	19.7	78	24.4	97	33.1
1965	71	22.6	103	32.8	102	38.5	103	42.6
1966	48	10.8	65	19.1	79	25.4	75	28.8
1967	47	13.0	79	23.9	86	29.8	98	34.8
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
Normal		13.4		21.9		29.1		34.3

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Teton Pass (Teton River)</u>								
1960	26	5.0	48	12.1	67	20.6	82	28.1
1961	47	11.8	47	14.2	70	20.0	75	25.7
1962	65	18.3	82	26.2	96	32.9	110	42.1
1963	23	5.8	33	8.5	52	16.0	65	21.3
1964	33	9.0	64	17.7	67	21.7	85	27.7
1965	70	20.6	92	28.7	100	38.6	106	39.0
1966	34	7.1	46	13.5	53	17.2	62	22.0
1967	36	11.0	78	23.2	84	29.8	89	34.2
1968	53	15.3	72	24.0	99	32.0	105	38.0
1969	69	19.0	120	32.0	136	50.0	122	40.0
Normal		12.0		19.8		26.9		33.6
<u>State Line (Teton River)</u>								
1960	15	2.0	25	5.0	38	9.9	36	12.4
1961	29	5.3	29	6.1	41	9.3	35	10.9
1962	35	8.1	40	10.4	48	14.0	48	15.5
1963	9	1.9	19	4.0	21	5.9	23	6.5
1964	21	4.0	38	9.8	41	12.2	50	16.8
1965	32	9.0	48	13.0	51	16.1	59	17.7
1966	16	3.5	25	6.4	29	7.8	33	11.1
1967	23	6.2	41	11.8	49	15.3	47	16.7
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
Normal		5.4		9.0		12.2		14.7
<u>East Rim (Hoback River)</u>								
1960	8	1.1	15	3.5	23	4.7	26	7.6
1961	15	2.7	15	2.8	21	4.0	24	6.5
1962	32	8.2	39	10.5	45	11.8	51	14.4
1963	7	1.0	27	4.8	27	5.8	26	6.7
1964	-	-	30	5.8	32	7.4	41	10.0
1965	-	-	51	12.3	49	16.6	52	17.7
1966	-	-	23	5.2	27	6.3	22	7.1
1967	-	-	32	7.8	36	9.9	41	12.7
1968	-	-	26	6.3	33	9.7	33	10.1
1969	-	-	48	11.9				
Normal				6.8		9.1		11.0
<u>Bryan Flat (Hoback River)</u>								
1960	10	1.0	14	4.6	20	4.4	18	5.4
1961	-	-	18	4.3	23	5.3	21	5.9
1962	-	-	36	9.7	40	11.5	42	13.3
1963	-	-	13	2.3	7	1.9	5	1.6
1964	-	-	26	4.7	28	5.8	36	8.2
1965	-	-	35	11.5	37	13.4	38	14.0
1966	-	-	26	6.5	35	8.5	23	8.2
1967	-	-	24	6.2	29	8.6	24	9.7
1968	-	-	28	5.2	24	6.9	17	6.3
1969	-	-	36	8.6			26	9.6
Normal				6.4		8.3		9.4

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Gros Ventre (Gros Ventre River)</u>								
1960			21	5.0	-	14.0	31	9.0
1961			19	4.0	34	8.0	37	9.8
1962			43	12.0	54	15.0	57	17.1
1963			37	8.5	32	8.0	34	9.2
1964			37	8.0	34	8.0	49	17.2
1965			58	14.5	56	19.0	55	19.0
1966			25	5.5	41	10.5	37	8.6
1967			36	9.0	44	10.5	51	13.9
1968			34	6.7	35	9.4	35	8.5
1969								
Normal				8.5		10.9		12.5
<u>Grover Park Divide (Salt River)</u>								
1960	16	2.6	25	5.1	39	10.5	35	11.3
1961	23	5.5	21	4.6	30	7.5	29	7.5
1962	30	8.1	37	10.5	43	12.9	40	15.0
1963	7	1.0	23	5.1	30	7.4	25	8.1
1964	18	3.9	30	6.7	33	9.0	42	13.1
1965	31	7.9	51	12.4	41	13.6	40	13.4
1966	22	4.1	25	5.9	30	7.8	26	8.5
1967	17	3.8	31	8.0	38	11.3	39	12.8
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
Normal		5.1		7.3		10.2		11.6
<u>CCC Camp FF12 (Salt River)</u>								
1960	15	2.6	24	5.0	38	9.3	26	9.6
1961	25	5.3	24	4.8	28	6.5	30	6.9
1962	31	7.0	36	9.3	45	11.7	40	11.5
1963	8	1.6	22	5.0	28	7.8	27	8.5
1964	20	4.0	36	8.0	38	9.6	45	13.5
1965	38	8.8	49	13.4	48	16.3	50	16.6
1966	16	3.5	28	5.4	32	8.1	28	7.6
1967			32	8.4	42	12.5	39	12.6
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
Normal		5.1		7.5		10.3		11.4
<u>Salt River Summit (Salt River)</u>								
1960	15	2.0	26	5.0	41	10.1	35	12.3
1961	31	7.3	30	6.6	38	8.7	36	10.0
1962	40	8.7	44	13.0	57	14.9	55	19.4
1963	11	2.0	29	5.6	41	10.4	38	11.8
1964	24	5.4	45	10.3	43	12.5	54	16.6
1965	50	12.4	60	16.6	60	22.1	56	19.6
1966	23	5.9	35	8.5	41	12.0	38	11.5
1967	20	4.0	41	11.2	49	16.1	54	17.6
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
Normal		6.5		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 Bondary (Greys River)</u>								
1960	9	1.9	24	5.0	37	9.2	27	10.5
1961	22	5.3	21	3.9	26	6.9	25	7.5
1962	30	6.8	39	9.5	42	10.9	39	13.2
1963	T	0	20	4.5	12	3.3	T	0
1964	24	4.2	39	9.8	40	11.6	51	15.1
1965	19	4.4	41	9.1	35	10.8	35	11.9
1966	14	3.3	25	4.9	32	8.1	26	7.4
1967	13	1.9	28	8.3	35	10.3	29	9.2
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
Normal		4.6		7.3		10.1		10.4

On April 1, 1969, the snow (water content) was the following average percent of normal: above Jackson Lake 95%, Moran to Heise 107%, Island Park 151%, Falls River 101%, Teton River 117%.

Comparable figures for run-off during the year ending September 30, 1969, as percent of normal were: Snake River at Moran 98%, Snake River near Heise 100%, Henrys Fork near Ashton 127, Falls River near Squirrel 107%, Teton River near St. Anthony 108%.

Precipitation for October, March, April, May, July and August was below normal. November, January and June precipitation was above normal.

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

Forecasts by Soil Conservation Service - April 1, 1969

Station	Runoff in Acre-feet - April thru Sept.		
	Forecast	Observed*	% difference
Snake River at Moran	900,000	816,000	+9.3
Snake River near Heise	4,100,000	3,685,000	+11.3
Salt River near Etna	440,000	331,300	+26.3
Henrys Fork near Ashton	725,000	816,040	-11.1
Teton River nr. St. Anthony	440,000	409,560**	+7.4

\*Corrected for storage in upstream reservoirs

\*\*Corrected for inflow from Cross Cut Canal

Forecasts by U. S. Weather Bureau - April 1, 1969

<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	953,000	816,000	+16.8
Snake River near Heise	3,900,000	3,685,000	+5.8
Salt River near Etna	354,000	331,300	+6.9
Henrys Fork near Ashton	675,000	816,040	-17.3
Henrys Fork near Rexburg	1,390,000	1,972,120 **	-29.5
Falls River nr. Squirrel	417,000	413,800	+0.8
Teton River nr. St. Anthony	423,000	409,560	+3.3

\* Corrected for storage in upstream reservoirs

\*\* Corrected for diversions

1969 REGULATION SCHEDULE

May 11	Filling part of March 30, 1921 priority
June 5	Filling part of October 7, 1905 priority
June 13	Filling part of March 30, 1921 "
June 22	Filling part of August 6, 1908 "
June 25	Filling part of March 30, 1921 "
July 7	Filling part of June 16, 1908 "
July 11	Cut off June 1, 1896 rights on all streams
July 16	Filled April 1, 1895 rights
July 30	Filled 50% Feb. 6, 1895 priority
Aug. 1	Filled February 6, 1895 priority
Aug. 6	Filled 50% February 6, 1895 priority
Aug. 8	Cut off February 6, 1895 priority
Aug. 10	Filling 50% of February 6, 1895 priority
Aug. 12	Filling all of 1895 priorities
Aug. 14	Filling all of 1896 priorities
Aug. 16	Filling 50% February 6, 1895 priorities
Aug. 19	Cut off 50% February 6, 1895 priorities
Aug. 22	Cut off all 1894 priorities
Aug. 27	Cut off Dec. 14, 1891 priorities
Sept. 3	Cut off all 1891 priorities
Sept. 4	Cut off October 16, 1890 priority
Sept. 5	Filled June 1, 1891 priority
Sept. 7	Restored February 6, 1895 rights
Sept.10	Cut off all 1894 rights
Sept.15	Filled June 1, 1894 rights
Sept.16	Filled January 9, 1895 rights
Sept.21	Filled all 1896 rights
Sept.24	Restored all rights in upper valley, filling part of October 7, 1905 rights in lower valley
Oct. 9	Restored all rights in lower valley



## WATER SUPPLY

Runoff in acre-feet at various gaging stations during the year ending September 30, 1969, was as follows:

<u>Station</u>	1969 <u>Runoff</u>	Average runoff <u>past years</u>	Years of of <u>Record</u>	1969 % of <u>Average</u>
Snake River at Moran	1,009,000	1,029,000	66	98
Snake River near Heise	4,940,000	4,954,000	59	100
Snake River at Neeley	5,408,000	4,925,000	43	110
Falls River near Squirrel	584,300	547,800	55	107
Teton River near St. Anthony	591,200	545,200	36	108
Henry's Fork near Ashton	1,283,000	1,008,000	49	127
Henry's Fork near Rexburg	1,668,000	1,386,000	60	120

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

Peak daily discharges were as follows:

Snake River at Moran	4,360 cfs on June 22
Snake River near Heise	16,100 cfs on May 21
Snake River near Blackfoot	19,600 cfs on April 27
Henry's Fork near Rexburg	6,760 cfs on April 25
Teton River near St. Anthony	2,440 cfs on May 13
Blackfoot River nr Blackfoot	1,410* cfs. on April 27
Snake River at Milner	14,200 cfs on April 29

\* Includes 885 cfs in Bypass channel

No flooding occurred on any of the above streams. The peak flow at Heise would have been about 26,160 cfs on May 27 had there been no regulation by upstream reservoirs.

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>Palisades</u>	<u>American Falls</u>	<u>Lake Walcott</u>	<u>Henrys Lake</u>	<u>Island Park</u>	<u>Grassy Lake</u>	<u>Total</u>
1960	375.0	42	14	32.8	45.5	12.8	4.5	526.6
1961	3.3	294	101	57.2	38.8	13.6	5.6	513.5
1962	525.4	770	265	92.5	67.5	65.0	11.3	1,796.7
1963	611.9	696	353	87.0	64.1	33.5	6.3	1,851.8
1964	588.4	849	475	89.8	62.8	68.7	10.4	2,144.1
1965	631.6	1,161	1,023	95.3	70.4	102.8	11.3	3,095.4
1966	516.8	271	9	49.7	56.3	5.5	6.6	914.9
1967	558.8	828	494	95.8	75.6	80.8	9.6	2,142.6
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
Av.	496.6	665	373	78.6	63.2	52.5	8.2	1,736.8

Palisades figures are after deducting 201,000 acre-feet dead storage. The usable capacity of the above reservoirs is 4,082,000 acre-feet. The 1969 holdover is slightly below average for the past ten years.

#### CHANGES IN POINT OF DIVERSION

None

#### LITIGATION

None

#### COMMUNITY LATERAL MANAGERS

Alfred Ritchie was appointed watermaster and manager of the Lessey Ditch.

#### CANAL DELIVERIES

Daily diversions from Snake River by canals above American Falls reservoir during the 1969 irrigation season are shown on Plates 6 -10,16-18, 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 1969 irrigation season by all canals in the district, including headwater areas, as tabulated in the annual watermaster bill, amounted to 8,482,144 acre-feet. This

is the greatest of record, exceeding the year of 1962, which was the highest, followed by 1966 and 1967.

Diversions during 1969 irrigation season by Snake River  
Canals (downstream order from Heise)

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

Canal	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Riley	5,190	900	5.8
Progressive Irr. Dist.	241,300 (a)	33,000	7.3
Farmers Friend	110,500	10,500	11.0
Enterprise Canal	47,100 (b)	5,200	9.1
Nelson	841	55	15.3
Mattson Craig & Arnsberger	4,240	485	8.7
Ross & Rand	772	145	5.3
Butler Island	11,810	1,100	10.7
Steele	2,580	220	11.7
Harrison	165,300	13,000	12.7
Cheney	1,540	103	15.0
Rudy Irr. Co.	74,700	5,000	14.9
Kite & Nord	2,480	210	11.8
Burgess	276,600	22,000	12.6
Clark & Edwards	23,240	1,940	12.0
Lowder	14,150	1,000	14.2
East Labelle	36,640	3,000	12.2
Sunnydell	37,800	3,780	10.0
Lenroot	37,750	3,100	12.2
Reid	54,380	5,500	9.9
Texas Feeder	82,090	10,000	8.2
Nelson Corey	841	270	3.1
Hill Pettinger	1,290	200	6.4
Rigby	52,610	4,000	13.2
Dilts	7,550	580	13.0
Island	53,990	5,500	9.8
W. Labelle & Long Island	148,290	10,500	14.1
Parks & Lewisville	92,630	7,000	13.2
North Rigby	15,640	1,400	11.2
White	934	110	8.5
Ellis	664	70	9.5
Bramwell	2,200	470	4.7
Butte & Market Lake	81,850	20,000	4.1
Osgood	12,300 (c)	6,210 (c)	2.0
Bear Island & Smith	752	330	2.3
Idaho	302,000 (a)	35,850	8.4
Kennedy	8,300	2,700	3.1
Great Western & Porter	214,400	30,220 (d)	7.1
Woodville	26,080	2,350	11.1
Snake River Valley	192,600 (a)	20,790	9.3

Diversions by Snake River canals, 1969 - continued

Canals	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Reservation	90,340 (e)	54,773	1.6
Blackfoot	99,770	15,000	6.6
New Lava Side	43,040	6,000	7.7
Peoples	132,200	20,000	6.6
Aberdeen	383,500	63,000	6.1
Corbett	56,000	6,000	9.3
Nielsen-Hansen	3,170	460	6.9
Riverside	35,700	5,000	7.1
Danskin	56,700	6,000	9.5
Trego	20,630	1,620	12.7
Wearyrick	18,450	1,600	11.5
Watson	34,420	3,000	11.5
Parsons	14,980	930	16.1
Fort Hall Michaud Canal	39,670	8,693 (f)	4.6
Falls Irrig. Dist.	23,590 (g)	7,995 (g)	3.0
Minidoka Irrig. Dist.	548,000	72,000	7.6
Burley Irr. Dist.	315,900	48,000	6.6
A&B Irrigation Dist.	54,150	14,520	3.7
Twin Falls Canal Co.	1,124,000	202,700	5.5
North Side Canal Co.	1,140,000	160,000	7.1
Milner Low Lift	67,650	13,470 (h)	5.0
Gooding	430,100	63,700	6.8
<b>Total</b>	<b>7,169,584</b>	<b>1,042,759</b>	<b>6.4</b>

- (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 2,311 acre-feet was pumped from wells for irrigation of another 1,338 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 7,485 acre-feet from wells.
- (h) Also delivered water to 645 acres outside the district

These main river canals diverted about 7.7% more water than in 1968. Total diversions are the highest of record.

Of the 3,680,000 acre-feet diverted by lower valley canals (below Neeley), 1,505,500 acre-feet or 41% was stored water. Upper valley main canals diverted 3,490,000 acre-feet, of which 518,000 acre-feet or 15% was stored water.

The following tabulations 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>
1960	592	791	825	615	487	3,310
1961	584	746	711	521	292	2,854
1962	530	749	837	703	557	3,376
1963	303	553	907	668	476	2,907
1964	277	560	869	717	556	2,979
1965	389	721	806	661	468	3,045
1966	623	783	810	642	485	3,343
1967	384	620	822	742	640	3,208
1968	541	720	871	534	492	3,158
1969	649	679	838	741	547	3,454
Average	487	692	829	654	500	3,163

Henry's Fork and Tributaries  
(excluding headwater areas)

<u>Year</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1960	216	261	221	178	132	1,008
1961	170	247	174	138	75	804
1962	235	261	221	196	140	1,053
1963	174	207	250	189	115	935
1964	163	212	256	203	144	978
1965	188	249	248	197	124	1,006
1966	225	240	215	169	117	966
1967	190	243	234	204	149	1,020
1968	207	217	246	154	124	948
1969	238	223	248	194	135	1,038
Average	200	236	232	182	126	976

Does not include Cross Cut Canal spill into Teton River..

Minidoka Project

<u>Year</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1960	46	162	165	188	157	109	827
1961	21	169	156	175	134	28	683
1962	30	122	140	189	163	111	755
1963	18	116	114	191	160	89	688
1964	5	133	97	200	178	112	725
1965	27	136	158	187	139	111	758
1966	76	172	150	191	155	86	830
1967	27	124	124	201	176	115	767
1968	45	169	146	199	101	97	757
1969	63	192	138	197	179	95	864
Average	36	149	139	191	154	95	765

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>
1960	76	194	206	240	226	170	1,112
1961	84	185	147	196	159	60	831
1962	70	190	202	247	236	191	1,136
1963	71	183	193	246	230	168	1,091
1964	42	186	201	247	244	192	1,112
1965	86	195	209	237	224	166	1,117
1966	109	217	212	243	229	172	1,182
1967	104	198	202	254	242	202	1,202
1968	98	200	208	249	202	163	1,120
1969	89	214	212	236	237	172	1,160
Average	86	196	199	239	223	166	1,107

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>
1960	95	207	201	227	215	160	1,105
1961	108	194	190	228	204	110	1,034
1962	98	196	191	232	223	181	1,121
1963	76	193	186	238	220	162	1,075
1964	41	197	185	239	233	178	1,073
1965	98	209	203	232	219	159	1,120
1966	140	220	190	226	219	164	1,159
1967	101	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
Average	99	205	194	232	218	161	1,111

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>
1960	21	89	91	99	89	63	452
1961	16	82	77	84	79	18	356
1962	22	83	87	102	99	85	478
1963	15	75	82	101	94	81	448
1964	2	76	90	102	97	79	446
1965	16	75	82	95	85	71	424
1966	27	88	88	94	82	67	446
1967	21	84	85	102	98	80	470
1968	30	91	94	100	84	74	473
1969	16	77	73	95	95	76	432
Average	19	82	85	97	90	70	443

April and May diversions were generally above average.

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

## RIVER DATA

The usual methods of segregating stored water and normal flow at the reservoir outlets was continued in use during 1969. 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, 12A, 13 and 13A for Snake River and Plate 21 for Henrys Fork.

Storage use started on May 8 and continued through October 10.

Total storage passing the Blackfoot station during the season amounted to -117,500 acre-feet, reflecting the American Falls storage being held adversely in upstream reservoirs.

Blackfoot River Reservoir holdover on September 30 was 229,000 acre-feet. The Indian Service 1891 decree was cut off August 27 to September 17.

A number of canals were bothered with moss growth during the 1969 season. The Aberdeen Canal reported an overall loss of 37.9% compared to 39.5% in 1968.

STORED WATER DELIVERIES

Reservoir Allotments

All reservoirs except Palisades filled and allotments were made as follows:

American Falls	1,700,000 acre-feet
Jackson Lake	847,000 acre-feet
Palisades (77%)	924,000 acre-feet

1969 Storage Allotments in Acre-feet  
(Downstream order from Heise)

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Poplar Irrigation Dist.	673	1,589	1,194	3,456
Progressive Irr. Dist.	12,485	7,209	21,945	41,639
Farmers Friend		2,000	7,238	9,238
Enterprise Canal Co.	8,923	11,252	15,092	35,267
Mattson Craig			1,110	1,110
Butler Island			193	193
Harrison	12,025	11,943	18,095	42,063
Rudy	2,649	3,530	12,089	18,268
Burgess	9,496	10,603	24,178	44,277
Clark & Edwards			616	616
Lowder		1,040	1,232	2,272
East Labelle			616	616
Sunnydell		4,000	4,851	8,851
Lenroot	3,868	5,234	6,045	15,147
Reid	2,549	1,472	2,426	6,447
Texas and Liberty Park			3,619	3,619
Enterprise Irr. Dist.				
N. F.	10,188	5,883		16,071
Freemont-Madison Dist.				
N. F.			770	770
Rigby			4,851	4,851
Island			3,619	3,619
Dilts	886	511	924	2,321
West Labelle			770	770
Long Island			3,850	3,850
Parks & Lewisville			4,235	4,235
North Rigby			924	924
Butte & Market Lake	4,666	2,695	33,880	41,241
Osgood (U.I.S. Co.)	13,459	7,771	11,742	32,972
Bear Island	191	110		301
Sakaguchi (Smith & Kennedy)	71	41		112
Clement Bros. (Kennedy)		155		155
Owners Mutual		200	223	423
Shattuck Irrigation			3,003	3,003



1969 Storage Allotments - continued

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Idaho	22,911	13,230	45,276	81,417
Martin	2,006	2,659	4,312	8,977
New Sweden Irr. Dist.	25,731	19,857	24,178	69,766
West Side Mutual		1,810	1,810	1,810
Woodville	6,047	3,491	4,620	14,158
Snake River Valley	26,367	30,225	27,181	83,773
Palisades Waterusers			38,677	38,677
Blackfoot	12,763	7,370	3,118	23,251
New Lava Side			9,048	9,048
Peoples	21,415	20,365	26,950	68,730
Aberdeen	55,951	74,626	117,656	248,233
Corbett	3,396	1,961	4,851	10,208
Riverside			1,155	1,155
Danskin			1,810	1,810
Trego	1,314	758	2,464	4,536
Wearyrick			462	462
Watson			1,810	1,810
Parsons			539	539
Total above Blackfoot	259,670	251,780	505,247	1,017,057
Fort Hall Michaud	47,700		64,603	112,303
Falls Irrig. Dist.	23,300		31,493	54,793
Minidoka Irrig. Dist.	83,563	186,030	26,950	296,543
Burley Irrig. Dist.	157,942		30,184	188,126
A&B Irrig. Dist.	47,593		69,913	117,506
Milner Low Lift	45,687		34,263	79,950
Twin Falls Canal Co.	151,185	97,183		248,368
Hillsdale	41,146			41,146
North Side Canal Co.	397,214	312,007	89,782	799,003
Gooding	400,000		770	400,770
Idaho Power Co.	45,000			45,000
City of Pocatello			38,500	38,500
Westvaco			3,850	3,850
J. R. Simplot			1,925	1,925
*U.S.			26,520	26,520
Total below Blackfoot	1,440,330	595,220	418,753	2,454,303
Grand Total	1,700,000	847,000	924,000	3,471,000

\*Wyoming 25,410 a.f.; contingencies 1,110 a.f.

The storage rental committee, consisting of H. R. Gray, Leonard Graham, H. C. Eagle and Art Larson supervised water rentals.

The location of holdovers in the various reservoirs was computed as shown in the following table. These may be changed if desired by any canal prior to the 1970 irrigation season.

Holdovers at end of Irrigation Season, 1969

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Progressive Irr. Dist.			5,856	5,856
Enterprise			14,785	14,785
Mattson Craig			208	208
Harrison			14,139	14,139
Rudy			802	802
Kite and Nord			185	185
Butler Island No. 2			150	150
Lowder		257	1,232	1,489
East Labelle			101	101
Sunnydell			3,118	3,118
Lenroot			2,901	2,901
Reid			643	643
Texas & Liberty Park			1,134	1,134
Enterprise Irrig. Dist. (N.F.)	5,751			5,751
Rigby			1,818	1,818
Island			2,821	2,821
Dilts		248	924	1,172
West Labelle				0
Long Island			1,593	1,593
Parks & Lewisville			1,105	1,105
North Rigby			371	371
Butte & Market Lake	3,261	2,695	33,880	39,836
Osgood	7,628	7,771	11,742	27,141
Owners Mutual		82	223	305
Shattuck Irrigation			2,893	2,893
Idaho		5,145	45,276	50,421
Martin		204	4,312	4,516
New Sweden		17,843	25,988	43,831
Woodville	1,731	3,491	4,620	9,842
Snake River Valley			18,567	18,567
Palisades Waterusers			12,000	12,000
Blackfoot	10,857	7,370	3,118	21,345
New Lava Side			7,018	7,018
Peoples		13,301	26,950	40,251
Aberdeen		18,916	117,656	136,572
Corbett	2,122	1,961	4,851	8,934
Riverside			116	116
Danskin			530	530
Trego	869	758	2,464	4,091
Wearyrick			280	280
	<hr/>	<hr/>	<hr/>	<hr/>
	32,219	80,042	376,370	488,631

Holdovers at end of Irrigation Season, 1969 - continued

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Fort Hall Michaud	20,930		64,603	85,533
Falls Irrigation	220		31,493	31,713
Minidoka Project	61,713	0	26,950	88,663
Burley Irrig. Dist.	17,912		30,184	48,096
A & B Irrig. Dist.	16,480		69,913	86,393
Milner Low Lift	7,559		34,263	41,822
Twin Falls Canal Co.	26,093	97,183		123,276
North Side Canal Co.	190,762	0	89,782	280,544
Gooding	121,608		770	122,378
City of Pocatello			38,500	38,500
Westvaco			2,500	2,500
Simplot			0	0
U. S.			<u>26,520</u>	<u>26,520</u>
Total below Blackfoot	463,277	97,183	415,478	975,938
Grand Total	495,496	177,225	791,848	1,464,569

The above figures will be reduced by 1½% if reservoirs do not fill in 1970. However, at the time of this writing (Jan. 22, 1970), it appears likely that reservoirs will fill, and all the above holdovers will be cancelled out.

Summary of Water District No. 36 Rentals - 1969

<u>Supply</u>		<u>Use</u>	
Falls Irrig. District	7,554 a.f.	Swan Valley	45 a.f.
Paul Traugher	240	Heise to Shelley	5,709
Mabel Winterfield	100	Milner Low Lift	1,360
Vance Koon	<u>500</u>	Other	<u>1,280</u>
	8,394 a.f.		8,394 a.f.

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

The Fremont-Madison Irrigation District rented an additional 6,604 acre-feet to users in the Henrys Fork area.

Supply and Disposal of Stored Water, 1969  
(acre-feet)

SUPPLY

Jackson Lake	July 9	848,500
Palisades (usable)	July 2	1,201,000
American Falls	July 2	1,433,000
Lake Walcott	July 2	96,600
Henrys Lake	July 8	89,500
Island Park	July 9	136,000
Grassy Lake	July 12	14,950
Indian & Bergman Reservoir		670
Sheridan Creek right		1,860 *
Gain Neeley to Milner		79,000
American Falls gain		<u>4,200</u>
Total		3,905,280

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

DISPOSAL

Used by Snake River rights	2,030,200
Used by Henrys Fork rights	145,300
Storage transmission loss, Snake River	51,810
Storage transmission loss, Henrys Fork	3,000
Storage transmission loss, Cross Cut	6,040
River operation storage waste past Milner	14,070
Henrys Lake loss	<u>3,000</u>

Supply and Disposal of stored water, 1969 - continued

Disposal

Holdovers:	Jackson	Oct. 4	566,600
	Palisades	Oct. 5	643,000
	American Falls	Oct. 8	222,000
	Lake Walcott	Oct. 8	94,700
	Henry's Lake	Sept. 23	72,500
	Island Park	Sept. 24	52,840
	Grassy Lake	Sept. 30	<u>6,950</u>
	Total		3,912,010

There is a difference of 6,730 acre-feet with more water accounted for than that shown in the supply.

Plate 12 and part of 12A show stored water being charged to lower valley canals May 8 to July 2. Adverse storage of American Falls water in Palisades Reservoir during this period cancelled out these lower valley storage charges.

Plates 12 and 12A up to July 2 were computed and included in the report mostly as a matter of academic interest.

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)

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

\* Project land 2,774      † Project land 2,759  
\*\* Project land 4,455      ‡ Project land 4,564

Area No. 2 (Tributary below American Falls)

<u>Year</u>	<u>(from Wells)</u>			<u>(From Am. Falls Res.)</u>			<u>Excess</u>	<u>Contr. to Gr. Water</u>
	<u>Acres</u>	<u>Pumped</u>	<u>Consumed</u>	<u>Acres</u>	<u>Del'd</u>	<u>Consumed</u>		
1965	884	1,818	1,600	1,613	5,829	2,900	2,929	1,329
1966	884	3,064	1,600	*1,794	6,292	3,230	4,526	1,462
1967	884	1,870	1,600	*1,806	5,903	3,250	2,653	1,053
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

\* Project land 1,613      † Project land 1,623

2968  
278  
3246

2968  
838  
3806

5105  
2106  
7211

5481  
2514  
7995

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

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

#### 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, 1969  
(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>
Moran	80,710	72,661	77,430	84,870	74,440	390,111
Snake-Alpine	398,900	291,950	200,570	145,880	118,720	1,156,020
Total gain cfs	318,190	219,289	123,140	61,010	44,280	765,909
Mean gain cfs	10,260	7,310	3,970	1,970	1,480	5,010
Total gain a.f.	631,100	435,000	244,200	121,300	87,830	1,519,200

The mean gain is slightly less than in 1968. The gain for May was much above normal, declining steadily to below normal for September.

Gain in Snake River, Alpine gaging station to State Line, 1969  
(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	60,840	34,201	19,167	12,372	9,511	136,091
Salt River	48,422	28,693	21,722	17,775	16,736	133,348
Total gain cfs	109,262	62,894	40,889	30,147	26,247	269,439
Mean gain cfs	3,524	2,096	1,319	972	875	1,761
Total gain a.f.	216,700	124,750	81,100	59,800	52,060	534,430

All monthly gains are less than in 1968 except that for May which is greater.

Gain in Snake River, State Line to Heise, 1969

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Palisades release	-137,130	-73,610	106,880	121,000	50,420	67,560
Total Supply*	371,032	281,234	348,339	297,027	195,387	1,493,019
Heise	425,200	336,200	368,940	323,660	220,930	1,674,930
Riley	412	490	788	577	348	2,615
Total acct for	425,612	336,690	369,728	324,237	221,278	1,677,545
Total gain cfs	54,580	55,456	21,389	27,210	25,891	184,526
Mean gain cfs	1,761	1,849	690	878	863	1,206
Total gain a.f.	108,300	110,000	42,430	53,970	51,350	366,000

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

The gain for all months except September are less than 1968.



Gain in Snake River, Heise to Shelley, 1969  
(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	132,040	92,220	53,323	45,110	45,530	368,223
Total Supply**	557,652	428,910	423,051	369,347	266,808	2,045,768
Diversions	222,271	247,252	301,660	268,560	202,511	1,242,254
Shelley	357,040	242,280	169,630	147,580	109,230	1,025,760
Total acct for	579,311	489,532	471,290	416,140	311,741	2,268,014
Total gain cfs	21,659	60,622	48,239	46,793	44,933	222,246
Mean gain cfs	699	2,021	1,556	1,509	1,498	1,453
Total gain a.f.	42,960	120,240	95,680	92,810	89,120	440,820

\*\* Rexburg plus Heise and Riley from previous table.

The mean gain was 1,453 cfs compared to 1,201 in 1968. 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, 1969  
(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	362,940	241,460	173,630	148,080	109,340	1,035,450
Blackfoot River	8,342	10,208	2,063	3,117	2,180	25,910
Total Supply	371,282	251,668	175,693	151,197	111,520	1,061,360
Diversions	104,802	94,826	120,585	105,089	73,512	498,814
Snake nr Blackft.	272,660	157,930	70,200	56,700	48,500	605,990
Total acct'd for	377,462	252,756	190,785	161,789	122,012	1,104,804
Total diff. cfs	6,180	1,088	15,092	10,592	10,492	43,444
Mean diff. cfs	199	36	487	342	350	284
Total diff. a.f.	12,240	2,142	29,950	21,030	20,825	86,187

A gain is shown for each month instead of the usual losses in May and June. The average gain was 284 cfs compared to 445 in 1968. This gain includes 180 cfs inflow above the Blackfoot gage.

Gain or loss in Snake River, Blackfoot to Neeley, 1969.  
(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	261,300	168,800	60,800	59,100	47,700	597,700
Inflow*	103,751	88,069	80,073	82,759	82,637	437,289
Reserv. Draft.	67,600	70,100	248,000	241,000	113,000	739,700
Total Supply	432,651	326,969	388,873	382,859	243,337	1,774,689
Diversions	1,797	2,463	3,498	2,613	1,522	11,893
Neeley	429,900	325,790	391,750	377,900	239,890	1,765,230
Total use	431,697	328,253	395,248	380,513	241,412	1,777,123
Total diff. cfs	-954	1,284	6,375	-2,346	-1,925	2,434
Mean diff cfs	-31	43	206	-76	-64	16
Total diff. a.f.	-1,890	2,550	12,640	-4,650	-3,820	4,830

The average gain of 16 cfs is unusual, but can be accounted for by return flow from bank storage with the rapid drawdown in American Falls reservoir during July. A gain of 4,200 acre-feet for the period of storage deliveries was used in computing the disposal of stored water.

\* A tabulation of inflow data is shown on Plate 11. Ten sets of measurements were obtained during the period and figures interpolated between measurements. Portneuf River inflow was depleted by pumping for Indian Service Michaud Canal. Amount pumped each day is shown at bottom of Plate 11. Monthly totals in above table are actual inflow. Inflow figures shown on Plates 12 and 13 are theoretical inflow computed by adding pump diversion figures to actual inflow. These are shown on last line of Plate 11. The above computations fulfill requirements of Section 8 (b) of Fort Hall Michaud Division - Palisades contract. Daily figures of waste from the Aberdeen Project were furnished by Mr. Jake Isaak, Manager. Unmeasured inflow as computed from the "Newell" formula varied from 1,260 to 1,320 cfs.

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

<u>Date</u>	<u>Discharge in cfs</u>
May 3, 1969	18.3
May 31	19.4
June 26	23.0
July 25	22.2
Aug. 29	20.9

Gain or Loss in Snake River, Neeley to Minidoka, 1969  
(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>Totals</u>
Neeley	423,200	327,090	390,820	378,330	241,370	1,769,810
Walcott release	1,190	-1,920	+665	+785	+2,680	1,830
Total Supply	433,390	325,170	391,485	377,545	244,050	1,771,640
No. Minidoka	53,790	37,192	55,090	49,380	26,807	222,259
So. Minidoka	42,970	32,613	44,240	40,940	21,066	181,829
Snake at Minidoka	328,850	235,070	285,280	282,660	201,230	1,333,090
Total acct'd for	425,610	304,875	384,610	372,980	249,103	1,737,178
Total diff. cfs.	-7,780	-20,295	-6,875	-4,565	+5,053	-34,462
Mean diff. cfs	-251	-676	-222	-147	+168	-225
Total diff. a.f.	-15,430	-40,260	-13,640	-9,050	+10,020	+68,360

The average loss of 225 cfs compares to a loss of 119 cfs in 1968 and 195 cfs in 1967.

Gain in Snake River, Minidoka to Milner, 1969  
(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>Totals</u>
Minidoka	333,250	236,070	287,780	283,050	202,700	1,342,850
Min. N. S. Pump	5,820	5,172	6,954	6,052	2,355	26,353
P. A.	1,983	1,842	2,119	2,043	1,615	9,602
Milner Low Lift	7,603	5,664	7,632	7,501	3,844	32,244
Gooding	69,130	66,610	76,370	77,450	65,800	355,360
North Side	75,420	75,460	88,130	88,140	57,420	384,570
Twin Falls	113,240	99,120	114,610	114,730	79,020	520,720
Lake Milner stored	1,750	-232	+111	-317	-1,040	272
Milner	72,034	1,009	3,428	6,661	9,148	92,280
Total acct'd for	346,980	254,645	299,354	302,260	218,162	1,421,401
Total gain cfs	13,730	18,575	11,574	19,210	15,462	78,551
Mean gain cfs	443	619	373	620	515	513
Total gain a.f.	27,230	36,840	22,960	38,100	30,670	155,800

The average gain of 513 cfs compared with 502 in 1968 and 396 in 1967.

The total gain from Neeley to Milner for period May through September was 87,440 acre-feet. For the period May 8 through October 9 this gain was about 121,400 acre-feet. The Minidoka Project was credited with 79,000 acre-feet of gain which occurred during period July 2 to October 2.

### DISTRIBUTION ON HENRY'S FORK

Mr. L. C. Anderson served as Deputy Watermaster at St. Anthony in charge of water distribution on Henry's Fork, Falls River and lower Teton River. He was assisted by S. B. Garrett on Henry's Fork and Falls River, and Val L. Richards on Teton River.

Holdovers in Henry's Fork reservoirs at the end of the season were about 55% of capacity.

Releases from Henry's Lake were discontinued on September 5. Those from Grassy Lake were cut off on September 6, and from Island Park Reservoir on September 23.

The usual methods described in previous reports of segregating stored water and normal flow at the outlets of Henry's Lake and Island Park reservoirs were continued in 1969. During the period July 11-20 stored water was charged a daily loss of 30 cfs. During period August 1-10 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 the river system.

### 1969 REGULATION SCHEDULE

Teton River, Henry's Fork and Falls River remained on the same regulation schedule as the main Snake River.

Figures showing the operation of the Cross Cut Canal in 1969 are shown on Plate 23A. It delivered 15,000 acre-feet to the Fall

River Canal and 33,632 acre-feet to Teton River. The percentage loss for the season was 15.2%.

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

August 9, 1969

Icehouse Creek at highway Clark A2	18
Sheridan Creek at highway 22 - Gage 1.06	18 cfs
Sheridan Creek at Forest road	35
Grubb Diversion	3

August 10

Howard Creek at highway	14
Targhee Creek at highway	35
Targhee Creek into Lake	2
Duck Creek at highway	10

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

CANAL DELIVERIES IN HENRYS FORK BASIN

Diversions during the 1969 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	2,010	2,100	1.0
Marysville	34,960	15,000	2.3
Farmers Own	16,490	4,800	3.4
Almy	83	130	0.6
Enterprise	29,650	5,890	5.0
Bell	1,130	110	10.0
Fall River	79,280 (a)	9,000	8.8
McBee	561	125	4.5
Chester	14,640	1,400	10.5
Silkey	4,260	1,080	3.9
Curr	11,880	1,300	9.1
Total Falls River	194,944	40,485	4.8

(a) Includes 15,000 diverted through Cross Cut.

<u>Henrys Fork canals</u>			
Dewey	6,640	1,200	5.5
Last Chance	23,450	1,860	12.6
St. Anthony Union	131,400	9,700	13.5
Farmers Friend	28,830	3,025	9.5
Twin Groves	33,820	2,500	13.5
Salem Union	60,760	5,500	11.0
Egin	80,660	7,000	11.5
St. Anthony U. Feeder	17,580	2,300	7.6
Independent	84,630	6,000	14.1
Consolidated Farmers	63,500	6,000	10.6
Total Henrys Fork	531,270	45,085	11.8

<u>Lower Teton Canals</u>			
Siddoway	2,540	500	5.1
Wilford	32,660	2,300	14.2
Teton Irrigation	23,220	2,000	11.6
Good Luck	3,390	330	10.3
Pioneer	2,590	300	8.6
Stewart	6,010	478	12.6
Pincock-Byington	3,050	260	11.7
Pincock-Garner	3,800	480	7.9
Teton Island Feeder	105,200	10,400	10.1
Roxana	3,880	880	4.4
Island Ward	9,360	3,300	2.8
North Salem	841 (b)	450	1.9
Bigler Slough	2,380	160	14.9
Woodmansee-Johnson	7,730 (c)	1,320	5.8

Diversions during 1969, irrigation season

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
<u>Lower Teton Canals - continued</u>			
City of Rexburg	6,640	950	7.0
Rexburg Irrigation	61,830	5,280	11.7
McCormick-Rowe	369	160	2.3
Saurey Sommers	6,080	275	22.1
Gardner	97	200	0.5
Eames Thompson	214	70	3.1
Total Lower Teton	281,881	30,093	9.4
Total Falls River, Henrys Fork and Lower Teton			
	1,008,095	116,113	8.7

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

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

The diversions in this area were 6% greater than in 1968.

Of the total diversions of 1,008,095 acre-feet, 145,700 acre-feet or 14.6% was stored water.

Diversions by some of the principal canals in the headwater areas for the 1969 irrigation season (May 15 to Sept. 30) are shown below:

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
String Canal	14,000	2,300	6.1
Trail Creek Irr. Co.	31,700	5,220	6.1
Fox Creek Canals	10,700	3,760	2.8
Darby Creek Canals	19,000	4,800	4.0
Grand Teton Canal	28,000	7,000	4.0
Canyon Creek Canal	5,530	2,200	2.5
Conant Creek Canal	4,000	1,040	3.9
Squirrel Creek Canal	1,800	540-1,000	3.3
Boom Creek Canal	904	130-2,100	7.0

Diversions were a little less than in 1968.

STORED WATER DELIVERIES ON HENRYS FORK

Water available for Fremont-Madison allotments was as follows:

Island Park Reservoir	(July 9)	136,010 a.f.
Grassy Lake Reservoir	(July 12)	14,950
Sheridan Creek right		<u>1,857</u>
Total		152,817

The District allotted 133,215 acre-feet for the 1969 season.

In addition, 6,604 acre-feet was rented to Henrys Fork users.

Henrys Lake Allotments, 1969

Henrys Lake contents on July 8 was 89,500 acre-feet. From this, a figure of 3,000 acre-feet was deducted for dead storage and loss.

Allotments

<u>Canal</u>	<u>Percent</u>	<u>Allotment acre-feet</u>
Independent	26.90	23,268
Salem Union	24.21	20,942
Consolidated Farmers	20.17	17,447
Last Chance	13.85	11,980
St. Anthony Union	6.72	5,813
Egin	6.72	5,813
Dewey	<u>1.43</u>	<u>1,237</u>
	100.00	86,500

Henrys Fork Storage Operations, 1969  
(all figures in a.f.)

Henrys Lake

<u>Canal</u>	<u>Henrys Lake Storage Used</u>
Independent	20,850
Salem Union	0
Consolidated Farmers	0
Last Chance	8,477
St. Anthony Union	0
Egin	0
Dewey	<u>1,237</u>
Total Used	30,564



Storage released from Henrys Lake		13,900
Excess use over release		16,664
Henrys Fork near Rexburg storage release for 1969		-41,900
Credit from other reservoirs:		
Enterprise use	8,850	
Other individuals (Bergman Indian L.)	671	
Fremont-Madison, Palisades allotment	746	10,267
Henrys Fork owes main river		31,633

No allowances made for river losses in above tables. At the end of September, Henrys Lake owed the main river 16,664 acre-feet of storage. This will become Henrys Lake water when Island Park reservoir fills in 1970 or when that amount has been spilled from Henrys Lake after filling. The 31,633 acre-foot deficit on Henrys Fork will be cancelled when that amount is spilled from Island Park after filling, or after American Falls reservoir spills that amount.

RIVER GAINS IN HENRY'S FORK BASIN, 1969

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, 1969  
(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>
Lake	4,360	3,044	6,572	5,965	2,200	22,141
I. P. release	-18,040	210	18,170	17,910	7,010	25,260
Total Supply	-13,680	3,254	24,742	23,875	9,210	47,401
Island Park	38,912	31,350	45,080	41,810	27,039	184,191
Total gain cfs	52,592	28,096	20,338	17,935	17,829	136,790
Mean gain cfs	1,697	937	656	579	594	894
Total gain a.f.	104,300	55,730	40,340	35,570	35,360	271,300

All gains are greater than in 1968 with May being nearly double.

Gain in Henrys Fork, Island Park to Ashton, 1969  
(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	38,820	31,480	44,760	42,050	27,560	184,670
Ashton	102,220	67,950	73,300	69,990	54,390	367,850
Total gain cfs	63,400	36,470	28,540	27,940	26,830	183,180
Mean gain cfs	2,045	1,216	921	901	894	1,197
Total gain a.f.	125,800	72,340	56,610	55,420	53,220	363,390

The gain in May is considerably greater than usual, due to the heavy snow pack in the Island Park area. The total gain is 10% greater than in 1968.

Gain in Henrys Fork, Ashton to St. Anthony, 1969  
(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	102,350	68,020	73,270	70,010	54,570	368,220
Chester	65,570	38,516	12,564	4,044	5,668	126,362
Total Supply	167,920	106,536	85,834	74,054	60,238	494,582
Diversions	41,238	33,779	40,427	33,960	22,858	172,262
St. Anthony	129,740	77,660	51,260	42,560	39,160	340,380
Total acc't for	170,978	111,439	91,687	76,520	62,018	512,642
Total gain cfs	3,058	4,903	5,853	2,466	1,780	18,060
Mean gain cfs	99	163	189	80	59	118
Total gain a.f.	6,070	9,730	11,610	4,890	3,530	35,830

The average gain is 118 cfs compared to 44 cfs in 1968 and 96 cfs in 1967.

Gain in Falls River, Squirrel to Chester, 1969  
(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	70,490	50,160	26,180	19,980	16,150	182,960
Diversions	12,923	18,292	18,261	16,889	13,265	79,630
Chester	65,570	38,516	12,564	4,044	5,668	126,362
Total acc't for	78,493	56,808	30,825	20,933	18,933	205,992
Total gain cfs	8,003	6,648	4,645	953	2,783	23,032
Mean gain cfs	258	222	150	31	93	151
Total gain a.f.	15,870	13,190	9,210	1,890	5,520	45,680

The average gain was 151 cfs. compared to 208 in 1968.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg, 1969  
(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	59,231	46,560	36,385	24,059	18,775	185,010
H.F. & St. Anthony	129,740	77,660	51,260	42,560	39,160	340,380
Total Supply	188,971	124,220	87,645	66,619	57,935	525,390
H.Fk. diversions	35,457	25,084	26,412	22,454	14,800	124,207
Teton diversions	30,449	33,913	34,768	24,268	17,585	140,983
H.F.nr Rexburg	132,940	91,340	55,120	45,080	45,390	369,870
Total acc't for	198,846	150,337	116,300	91,802	77,775	635,060
Total gain cfs	9,875	26,117	28,655	25,183	19,840	109,670
Mean gain cfs	319	871	925	812	661	717
Total gain a.f.	19,590	51,800	56,840	49,950	39,350	217,500

The total gain was almost the same as 1968, with May being lower and June higher. This gain is produced mostly from return flow from upstream irrigation. The 217,500 acre-feet is 20.4% of the 1,062,750 acre-feet diverted by canals above Rexburg. This percentage was 22.9% in 1968 and 18½% 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 1969.

The water content of snow on April 1 on the Teton watershed was 112% of normal. April to September precipitation at Driggs was 7.97 (3.61" in June) compared to the normal of 8.08". The yearly runoff of Teton River near St. Anthony was 108% of the 35 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 almost all of their storage allotments. No water was rented from sources outside the Basin.

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

Mr. Seth Hansen of Tetonia served as special deputy on the Leigh and Spring Creeks on an hourly basis for time actually spent. Considerable time is required to keep the headgates on these creeks regulated and it is impossible for one man to look after the other streams in Teton Basin and still give the necessary attention to the streams in the vicinity of Tetonia. One-half of the cost of Mr. Hansen's services, amounting to \$367.02, was charged as a special item to the local users and a similar amount was charged as general District 36 expense.

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

#### SWAN VALLEY

Vern Ford served as Deputy Watermaster and also as watermaster on several canals. The local users were charged \$5.00 a day or \$492.50 total, as a special charge and the balance of the cost of watermaster's services, amounting to \$886.50, was charged as general expense to District 36.

There was more demand for stored water than creeks would furnish. Swan Valley users rented 100 acre-feet from Water District 36 during 1969.

CLIMATOLOGICAL DATA

(Precipitation in inches for year ending September 30, 1969)

Month	Alta		Moran		Jackson		Afton		Palisades	
	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.*
Oct.	1.45	1.48	.83	1.45	.60	1.11	.65	1.53	.73	1.19
Nov.	2.83	1.41	2.81	1.35	1.74	1.11	2.14	1.52	1.58	1.70
Dec.	1.91	1.51	2.37	2.36	1.16	1.54	1.86	1.59	1.16	2.19
Jan.	3.76	1.60	6.17	2.35	4.91	1.43	1.85	1.53	3.91	1.82
Feb.	1.61	1.48	2.07	2.28	1.42	1.32	1.02	1.51	.86	1.88
Mar.	.77	1.51	.62	2.08	.58	1.20	.54	1.55	.33	1.63
Apr.	1.07	1.48	.61	1.73	.43	1.20	1.24	1.52	1.07	1.57
May	.85	2.04	.72	1.85	.13	1.50	.16	1.95	.35	1.98
June	4.13	2.29	2.87	1.77	1.30	1.51	4.04	1.96	3.38	2.23
July	.74	.94	.70	.97	.65	.75	1.15	1.06	.87	.86
Aug.	.90	1.48	1.05	1.45	1.03	1.12	1.00e	1.53	1.03	1.19
Sept.	1.08	1.28	1.48	1.28	1.32	1.04	1.32	1.16	1.68	1.35
Year	21.10	18.50	22.30	21.45	14.88	14.82	16.97	18.41	16.95	19.59

Month	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.	Act.	Nor.
Oct.	1.06	1.35	.82	.63	.58	.89	.36	.76	.79	1.15
Nov.	2.90	1.56	1.15	.62	.92	.99	1.62	.92	1.92	1.30
Dec.	1.16	1.89	1.02	.80	.78	1.00	2.32	.86	1.53	1.53
Jan.	3.87	1.82	2.41	.89	1.80	1.21	.48	1.04	3.24	1.52
Feb.	1.64	1.77	.91	.71	.94	.92	.66	.70	1.23	1.40
Mar.	.62	1.39	.12	.66	.40	1.02	.09	.84	.45	1.32
Apr.	1.53	1.04	.46	.66	.34	1.06	.24	.93	.78	1.24
May	.88	1.45	.10	.98	.19	1.13	.07	1.00	.38	1.54
June	4.18	1.91	1.95	1.13	2.02	.96	.84	.79	2.75	1.62
July	.24	.82	0	.46	.14	.51	.21	.24	.52	.73
Aug.	.14	.95	13	.50	.54	.55	0	.17	.65	.99
Sept.	.87	.94	80	.63	.14	.61	.39	.49	1.01	.98
Year	19.09	16.89	9.87	8.66	8.79	10.85	7.28	8.74	15.25	15.32

\* Used 21 year average.                      e estimated

On an average for the nine stations, the precipitation for the year ending September 30, 1968 was 100% of normal. November, January and June were the only months above normal, with all the rest deficient or near normal. The big share of the year's precipitation fell in January, and compensated for the deficiency in March, April and May.

EXPENDITURES DURING YEAR ENDING SEPTEMBER 30, 1969

Engineers and Hydrographers:

H. C. Eagle	Salary, 82/3 mos.	\$12,183.20
A. L. Larson	" 1 yrs.	14,075.20
C. M. Bennett	" 1½ mo.	1,327.20
Ira R. Virgil	" 1 yr.	5,267.20
A. H. Bush	" 5 mos. \$520 mo.	2,516.80
A. W. Wilson	" 5 mos. " "	2,002.97
H. W. Blauer	" 5 mos. " "	2,454.02

Clerks

Judith R. Zavala	Salary, 1 yr.	5,908.00
James Gamblin	" 124 hrs. \$2.50 hr.	310.00

River Riders

Bruce D. Cole	97 das. @ \$16 incl. mileage	1,552.00
J. M. Brown	96 das. @ \$16 incl. mileage	1,536.00
James Gamblin	49 das. @ \$16 incl. mileage	833.00
Al Smith	96 das. @ \$16 incl. mileage	1,536.00
L. C. Anderson	49½ das. @ \$21 incl. mileage	1,039.50
Sam Garrett	104 das. @ \$21 incl. mileage	2,184.00
Verne Ford	98½ das. @ \$19 incl. mileage	1,379.00
Val Richards	153 das. @ \$21 incl. mileage	3,213.00
Elmer Lenz	3.86 mos. @ \$170 incl. mileage	656.56
Seth L. Hansen	319 hrs. @ \$2.30 incl. mileage	734.05

Miscellaneous

Gage Readers		591.00
Transportation, 31,421 mi. @ 10 ¢ mi.		3,142.10
" government car, 1 yr.		2,090.70
Government travel expense:		
A. Larson		215.88
J. Zavala		18.00
I. Virgil		598.00
H. C. Eagle		37.44
Subsistence		403.48
Telephone and telemark		765.68
Supplies, equipment & printing		1,380.17
Federal insurance		521.63
W.D. 36 Insurance & Bond		366.63
Postage and box rental		138.50
Retirement		2,504.84
Social Security		771.35
Interest on borrowed money		94.36
Garage rent		120.00
Groundwater investigations		1,350.00
Snow pillow, Glade Creek		250.00

\$76,067.46

Expenditures during year ending September 30, 1969 - continued

Expenditures from various funds:

Consolidated State repay and Federal accounts	\$36,473.38
Water District No. 36 †	<u>39,594.08</u>
Total	\$76,067.46

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$666.00 for services at \$10.00 per day and expenses, which was pro-rated among upper valley canals.

Funds on hand September 30, 1969

Federal and State accounts (Fiscal year begins July 1)	\$23,276.20
Water District Funds *	<u>-6,175.12</u>
Total	\$17,101.08

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

\* Waterusers operating funds are collected after October 1 of each year. There is always a deficit of Water District funds at the end of September. This year in the Water District account on September 30, there was \$4,029.50 collected for rental water, which was later disbursed to various companies and individuals who had water for rent. Also, 10,000 was borrowed from the Twin Falls Canal Co. The actual Water District balance on September 30 was -\$20,204.62. The balance on December 31 was \$11,560.08.

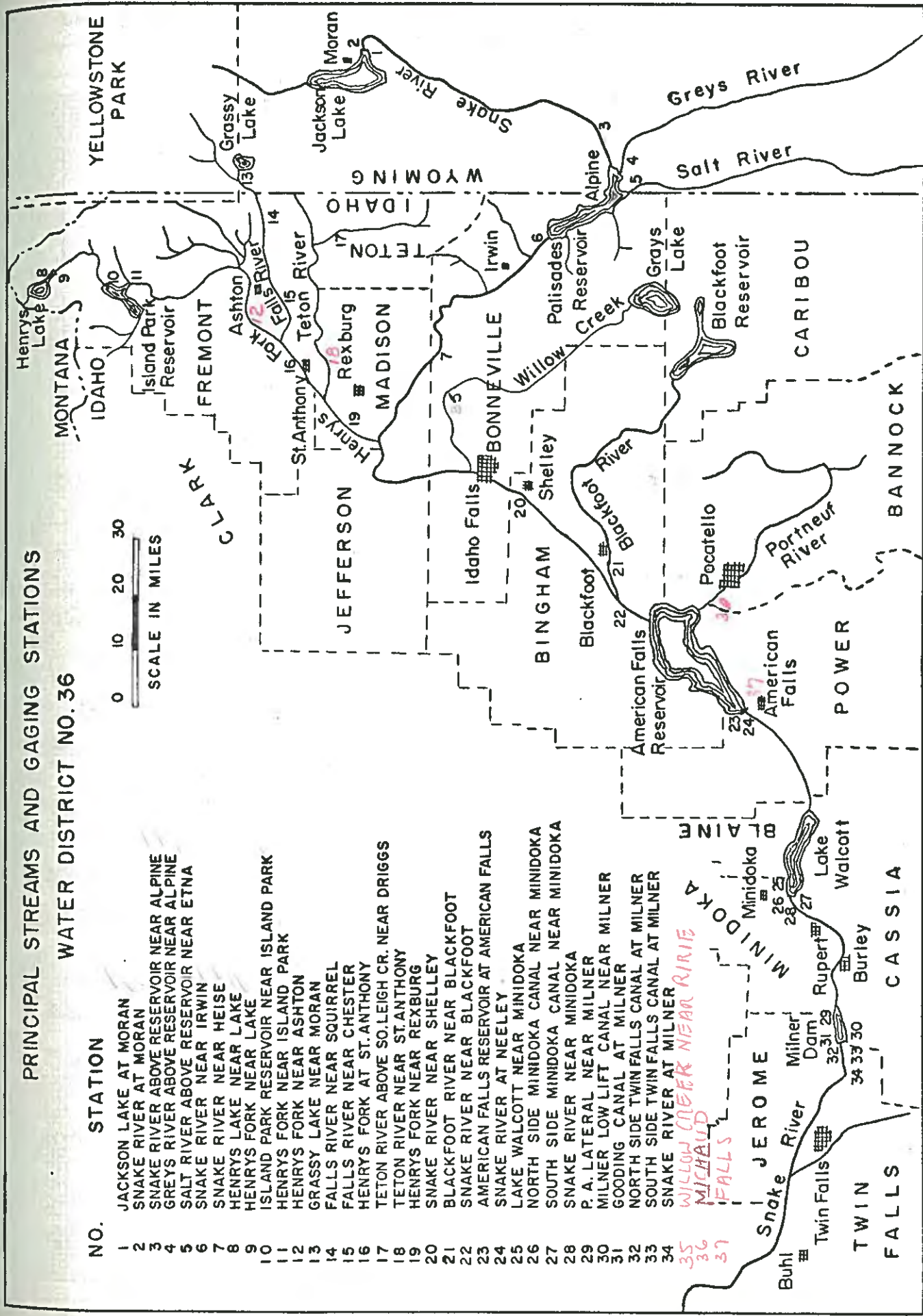
Federal funds provided are for the operation of 65 stream flow gaging stations which are located within and near the boundaries of Water District 36.

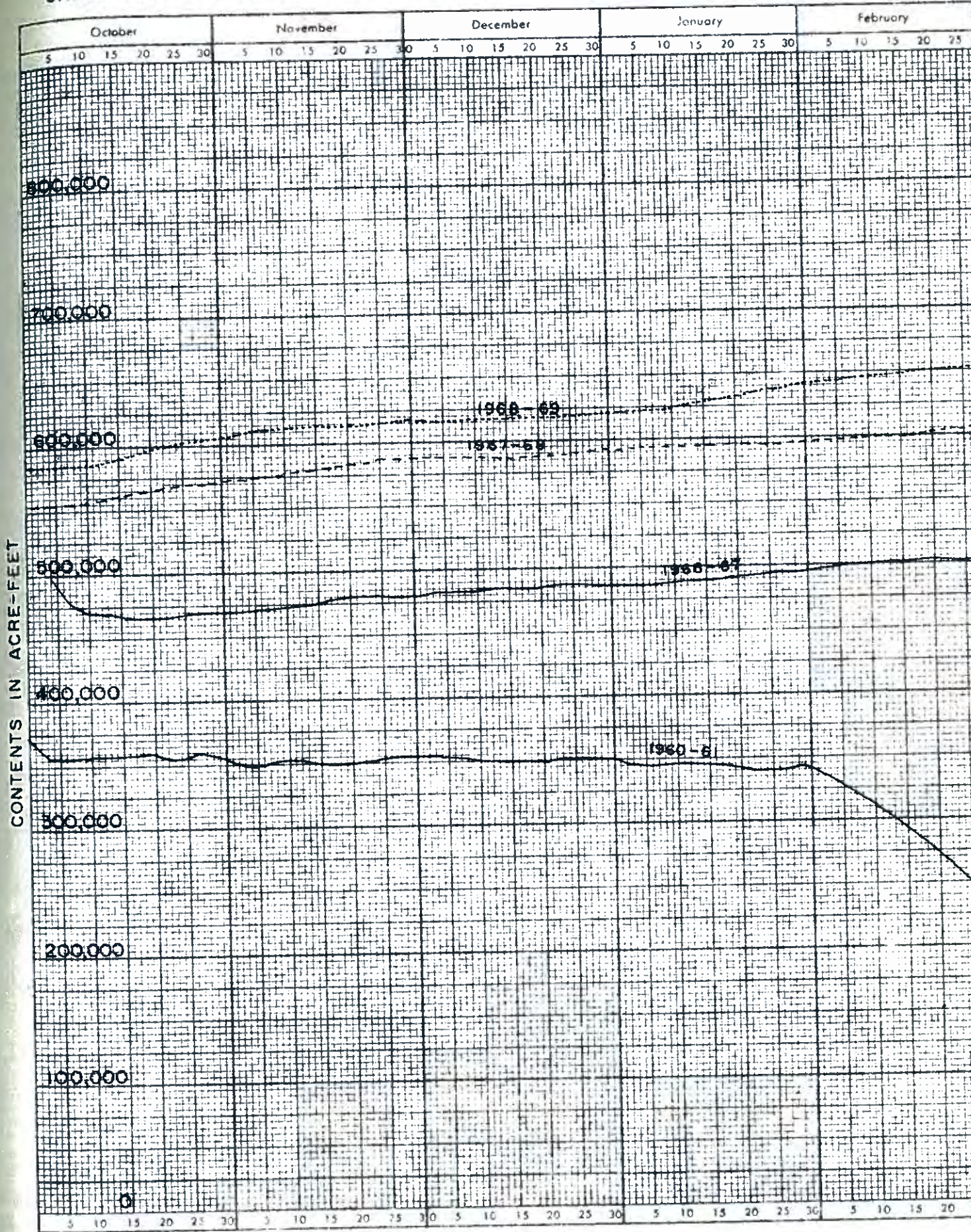


PRINCIPAL STREAMS AND GAGING STATIONS  
WATER DISTRICT NO. 36

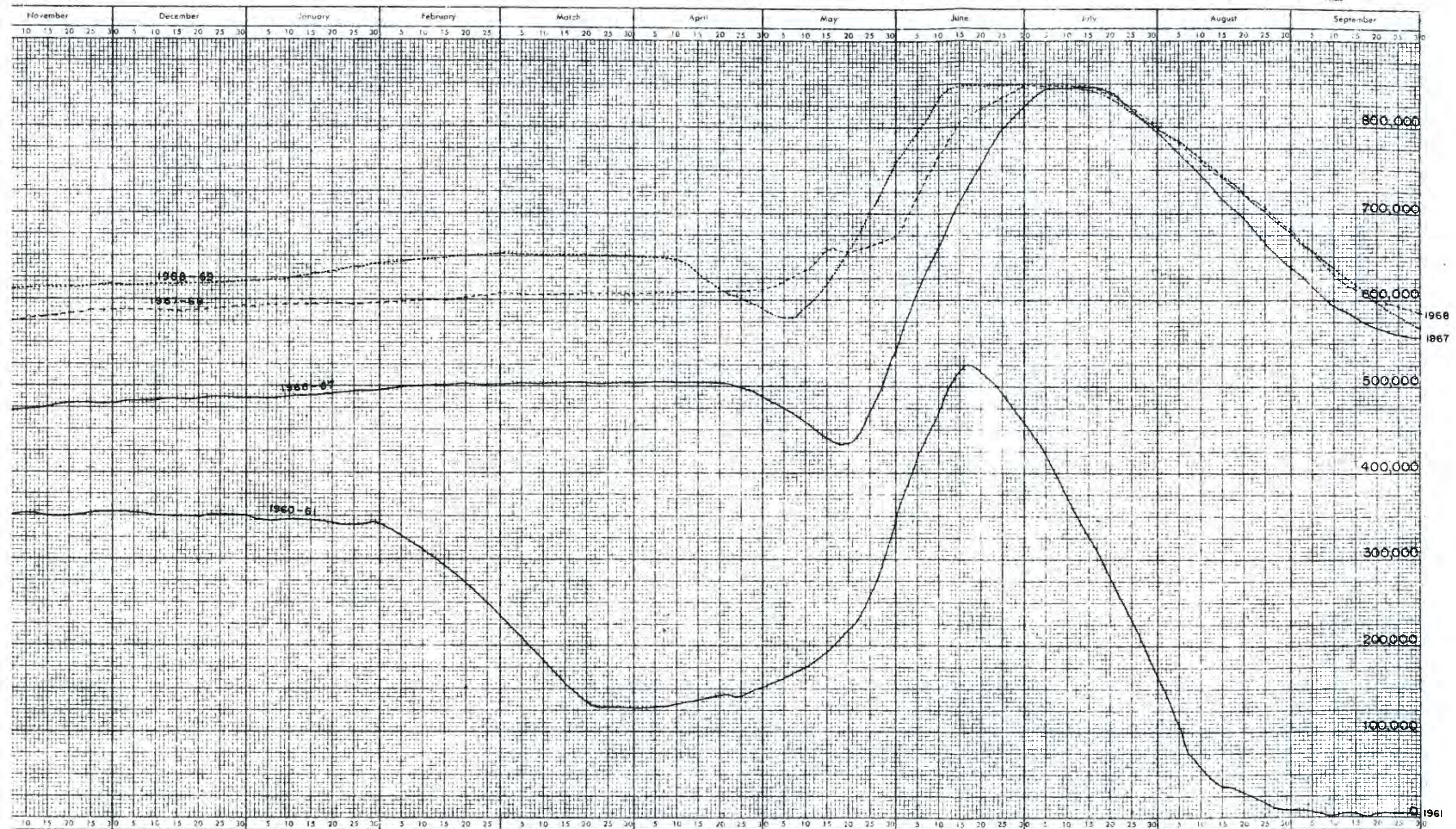
NO. STATION

- 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 HENRY'S LAKE NEAR LAKE
- 9 HENRY'S FORK NEAR LAKE
- 10 ISLAND PARK RESERVOIR NEAR ISLAND PARK
- 11 HENRY'S FORK NEAR ISLAND PARK
- 12 HENRY'S FORK NEAR ASHTON
- 13 GRASSY LAKE NEAR MORAN
- 14 FALLS RIVER NEAR SQUIRREL
- 15 FALLS RIVER NEAR CHESTER
- 16 HENRY'S FORK AT ST. ANTHONY
- 17 TETON RIVER ABOVE SO. LEIGH CR. NEAR DRIGGS
- 18 TETON RIVER NEAR ST. ANTHONY
- 19 HENRY'S 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 *MICHAEL*
- 37 *FALLS*

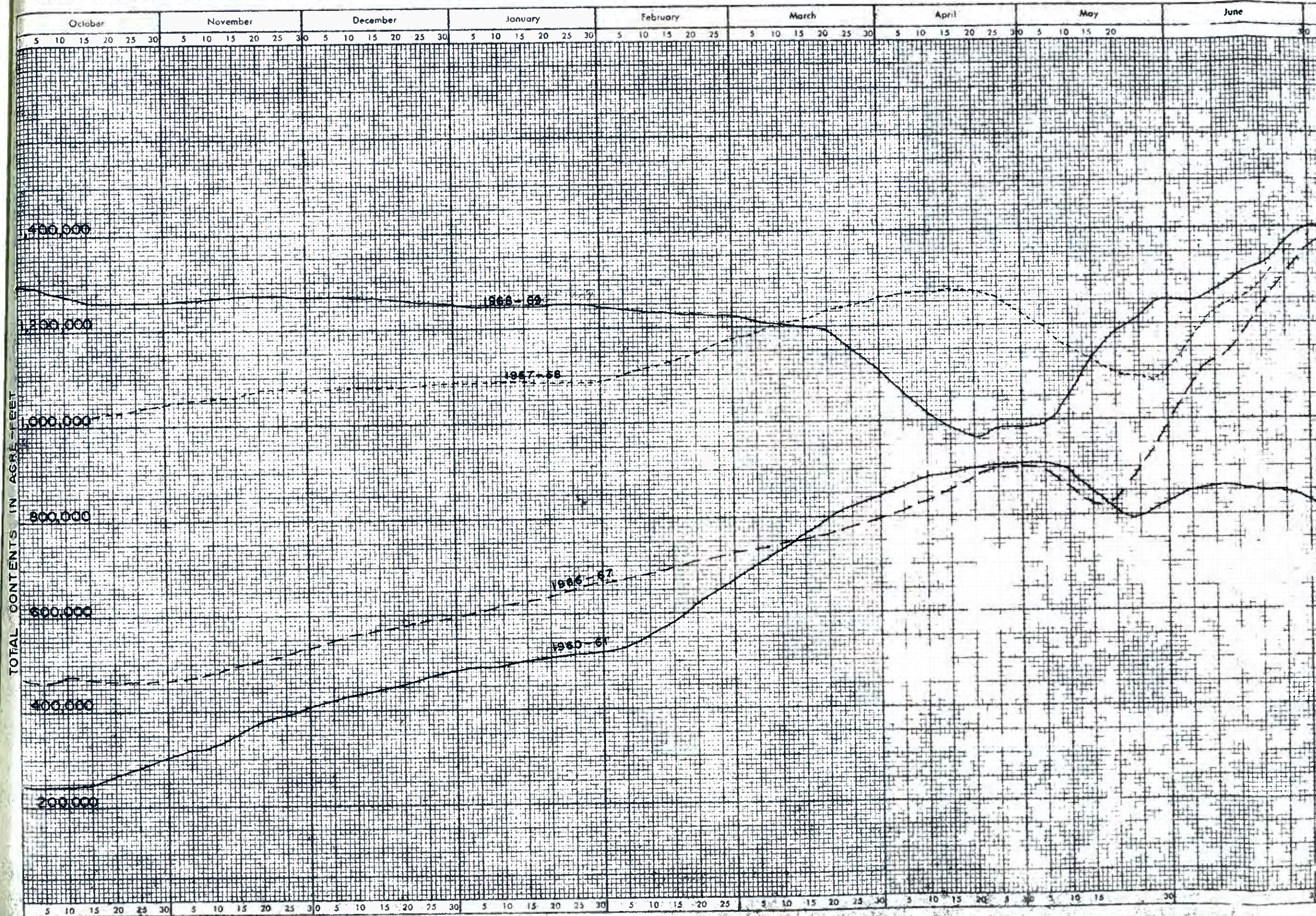




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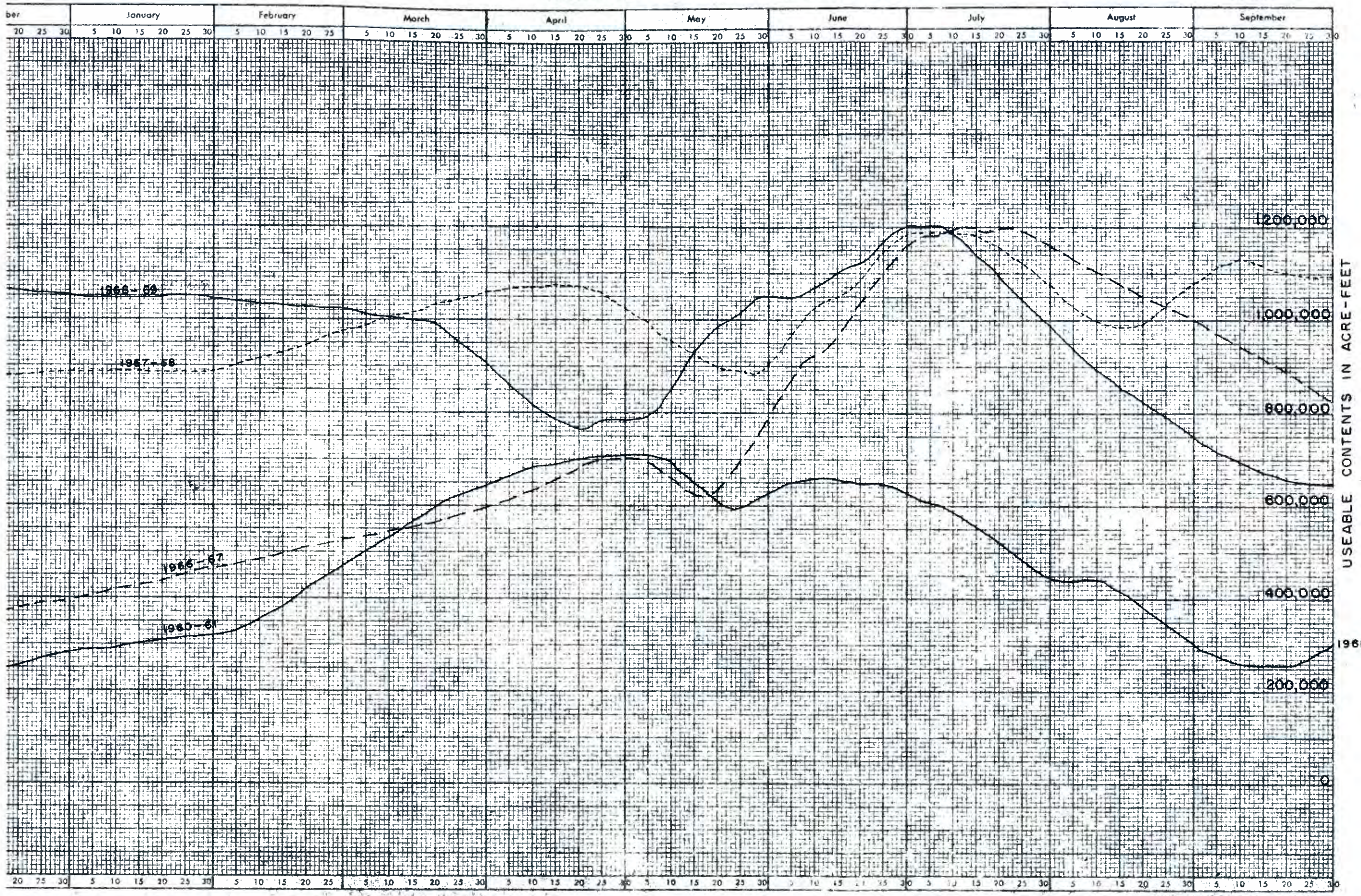


Checked by \_\_\_\_\_ Date \_\_\_\_\_

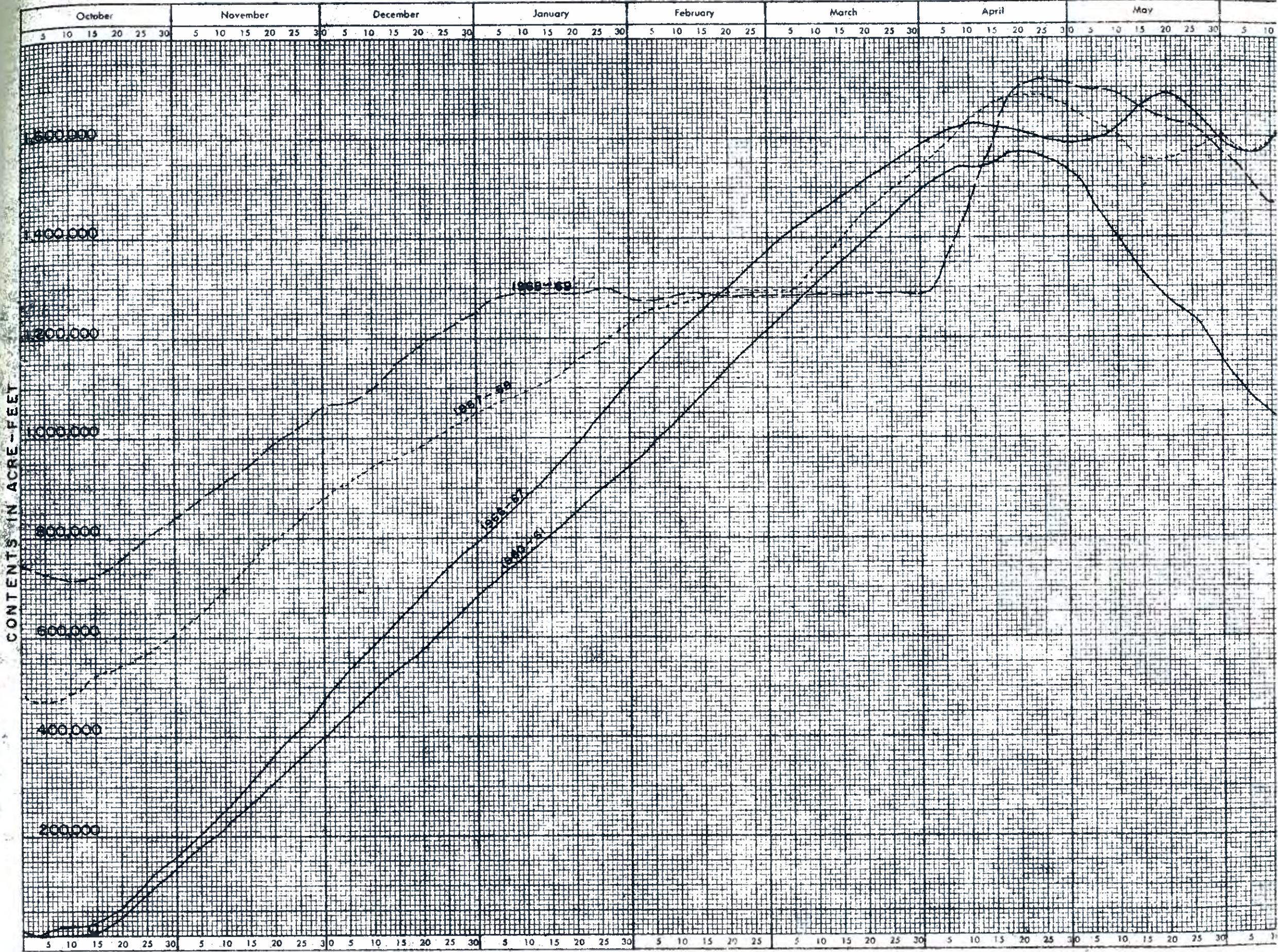


TOTAL CONTENTS IN ACRE- FEET

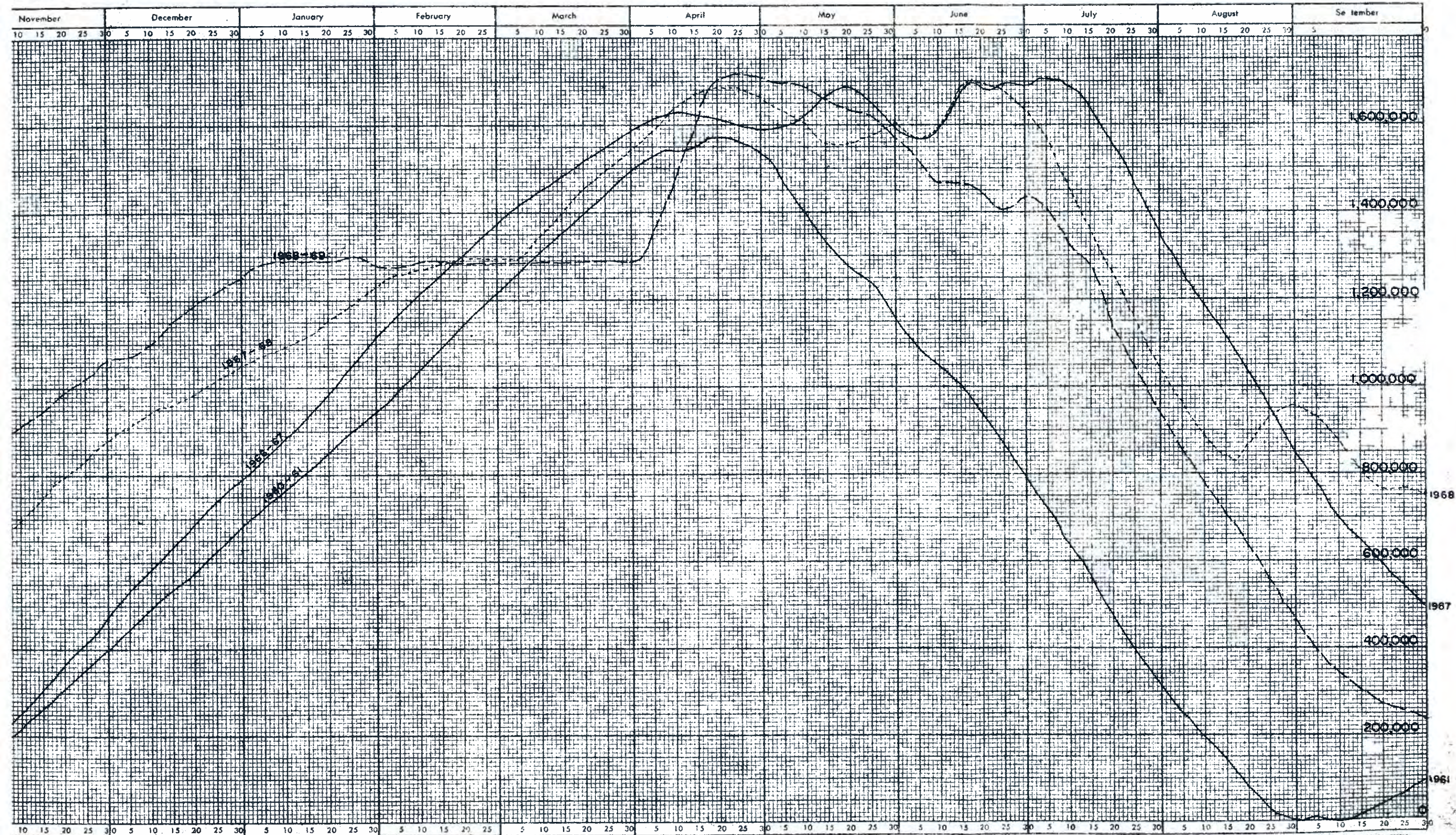
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USEABLE CONTENTS IN ACRE- FEET

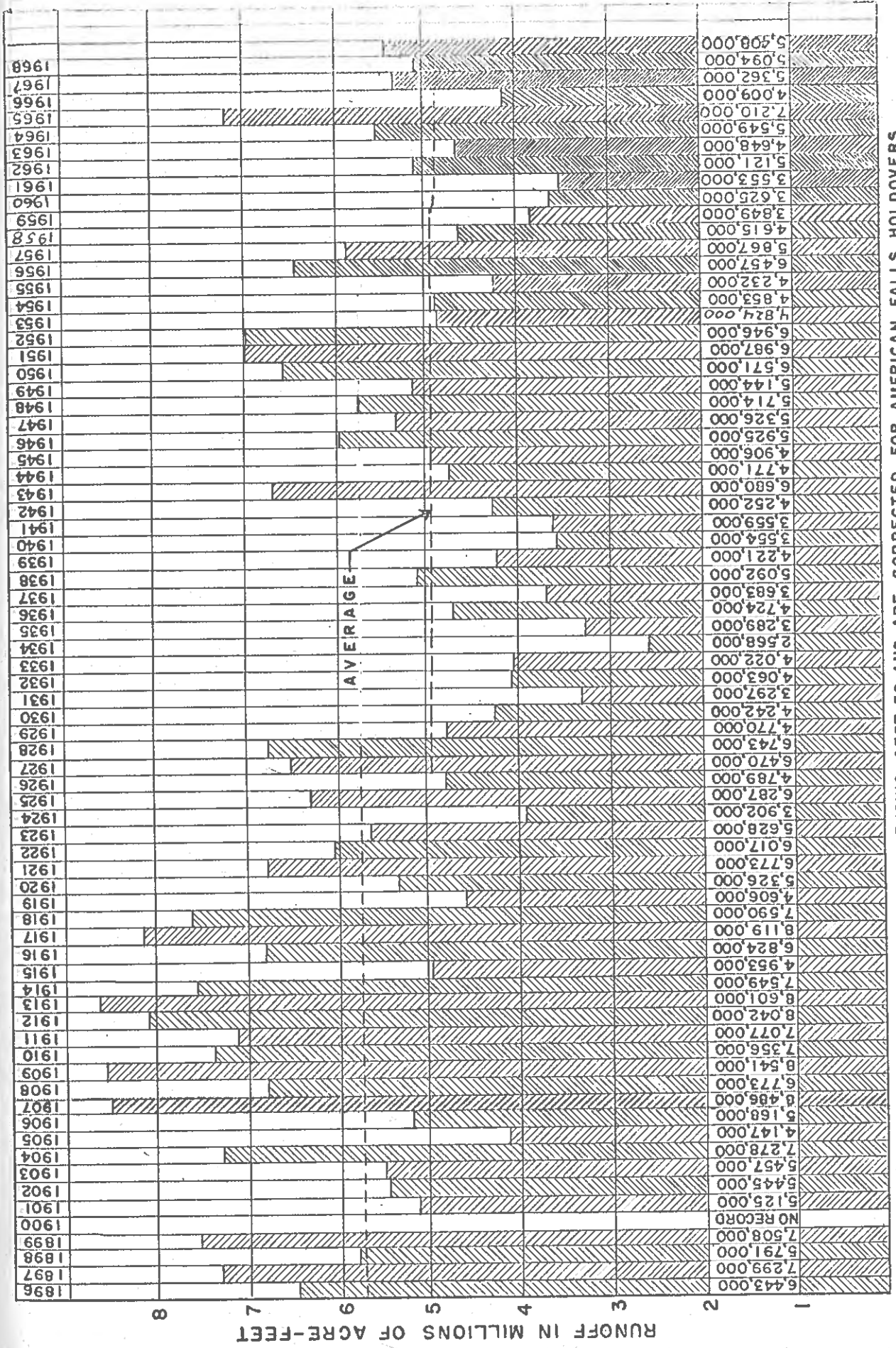


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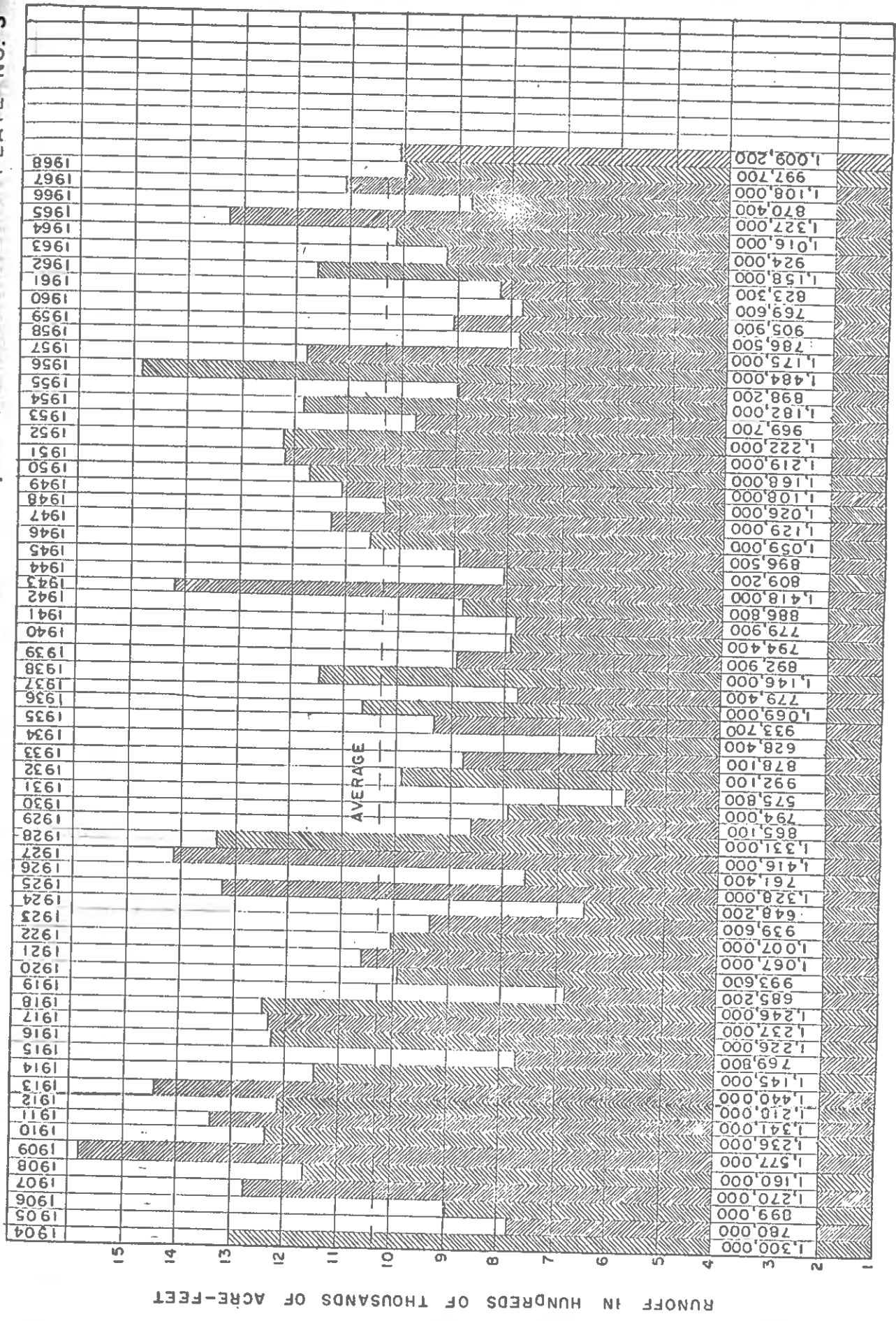
ANNUAL RUNOFF OF SNAKE RIVER AT NEELEY, IDAHO



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



ANNUAL RUNOFF OF SNAKE RIVER AT MORAN, WYO.



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

















# TO AMERICAN FALLS RESERVOIR

# 1969

## JULY

20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12				
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163	174	172	144	172	171	175	176	251	241	174	144	140	132	143	127	127	103	106	110	110	105	173	158	68	72	60	55	56	53	77	37	39	36	41	47	136	180	76	100	103	131	150	165	175	177	175	184	187	199	261	267	219	23				
500	500	500	500	500	500	500	497	494	491	488	485	482	479	476	473	470	467	464	461	458	455	455	456	456	457	457	457	457	457	458	458	458	458	458	458	458	458	458	458	458	459	459	459	459	459	459	459	459	459	459	459	459	459	46			
135	137	138	139	141	142	143	143	144	145	146	146	147	148	149	150	150	151	152	152	153	153	151	149	147	146	144	142	140	138	136	134	132	131	131	131	131	131	131	131	131	133	133	133	133	134	134	134	135	135	135	136	136	13				
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1644	1750	1762	1770	1781	1799	1822	1843	1883	1837	1741	1667	1630	1579	1555	1473	1437	1371	1369	1339	1330	1286	1320	1322	1227	1243	1220	1210	1209	1199	1220	1175	1173	1169	1164	1170	1263	1312	1210	1241	1237	1263	1290	1297	1308	1312	1311	1328	1324	1341	1409	1440	1389	14				
1310	1310	1300	1300	1300	1300	1300	1300	1300	1290	1290	1290	1290	1290	1290	1290	1280	1280	1280	1280	1280	1280	1280	1280	1280	1270	1270	1270	1270	1260	1260	1260	1260	1260	1260	1260	1260	1260	1260	1270	1270	1270	1270	1270	1270	1270	1270	1270	1270	1270	1270	1270	12					
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80,073

7	155	145	148	177	150	152	148	147	72	81	148	178	182	190	178	194	194	218	214	210	210	208	133	141	224	214	220	220	214	212	182	216	208	205	194	196	116
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# DATA AT AND BETWEEN SNAKE RIVER GAGING

24 HOUR SECOND- FEET EXCEPT AS NOTED

NEELEY DIVISIONS	DATE	SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY		DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE- FEET	SNAKE RIVER AT NEELEY			
		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS				STORED	NORMAL	TOTAL	CALCULATED INFLOW	STORED DIVERSIONS			STORED	NORMAL	TOTAL	
	MAY 6																			
	7						MAY 7				12,600	3696	93	MAY 8	1689				15,200	
	8	-7134	19,634	12,500	-428	-6706	8				10,700	3671	92	9	1688				13,400	
	9	-6181	18,381	12,200	-371	-5810	9	-6706	16,466	9,760	3669	89	10	1687	1373	10,727		12,100		
	10	-6660	18,160	11,500	-403	-6257	10	-5810	14,310	8,500	3654	86	11	1682	1233	10,767		12,000		
	11	-8096	18,496	10,400	-486	-7610	11	-6307	13,557	7,250	3651	97	12	1677	1813	10,787		12,600		
	12	-8567	18,317	9,750	-514	-8053	12	-7610	13,990	6,380	3647	112	13	1671	1403	10,797		12,200		
	13	-8567	17,877	9,310	-514	-8053	13	-8053	13,683	5,630	3632	129	14	1660	823	10,777		11,600		
	14	-7614	16,884	9,270	-457	-7157	14	-8053	13,313	5,260	3606	129	15	1659	1023	10,777		11,800		
	15	-6661	16,271	9,610	-400	-6261	15	-7157	12,727	5,570	3572	130	16	1654	743	10,857		11,600		
	16	-5237	15,437	10,200	-314	-4923	16	-6261	12,431	6,170	3546	130	17	1649	903	10,497		11,400		
	17	-3803	14,303	10,500	-228	-3575	17	-4923	11,643	6,720	3465	137	18	1647	523	10,977		11,500		
	18	-4756	14,856	10,100	-285	-4471	18	-3575	10,045	6,470	3420	150	19	1635	673	10,927		11,600		
	19	-5237	15,337	10,100	-314	-4923	19	-4471	10,571	6,100	3387	158	20	1635	810	10,890		11,700		
	20	-3803	14,503	10,700	-228	-3575	20	-4923	11,343	6,420	3304	160	21	1633	811	10,889		11,700		
	21	-3803	16,103	12,300	-228	-3575	21	-3575	11,425	7,850	3237	157	22	1632	1122	10,878		12,000		
	22	-2378	15,478	13,100	-143	-2235	22	-3575	12,685	9,110	3183	157	23	1630	1422	10,978		12,400		
	23	-2378	14,878	12,500	-143	-2235	23	-2235	10,895	8,660	3129	173	24	1628	1772	11,028		12,800		
	24	-2378	13,878	11,500	-143	-2235	24	-2235	9,885	7,850	3091	184	25	1622	2173	11,027		13,200		
	25	-3331	14,131	10,800	-200	-3131	25	-2235	8,955	6,720	3072	186	26	1615	2373	11,027		13,400		
	26	-3803	14,030	10,500	-228	-3575	26	-3131	9,481	6,350	3031	200	27	1601	2473	11,037		13,500		
	27	-4284	14,104	9,820	-257	-4027	27	-3575	9,255	5,680	3017	212	28	1596	2173	11,027		13,200		
	28	-4284	13,994	9,710	-257	-4027	28	-4027	9,227	5,200	2989	249	29	1587	1983	11,017		13,000		
	29	-3331	13,151	9820	-200	-3131	29	-4027	9,377	5,350	2989	253	30	1580	1983	11,017		13,000		
	30	-2378	11,888	9510	-143	-2235	30	-3131	8541	5410	2906	252	31	1572	1979	11,021		13,000		
	31	-1906	10,846	8940	-114	-1792	31	-2235	7285	5050	2889	253	JUNE 1	1561	2826	10,174		13,000		
	JUNE 1	0	8,980	8980	0	0	JUNE 1	-1792	6902	5110	2864	247	2	1552	3434	9766		13,200		
	2	-172	8,982	8810	-10	-162	2	0	5220	2836	2836	260	3	1543	5044	8056		13,100		
	3	-1024	9,174	8150	-61	-963	3	-162	4532	4370	2844	263	4	1534	4724	7376		12,100		
	4	-1626	9,216	7590	-98	-1528	4	-963	4553	3590	2823	263	5	1521	5024	7376		12,400		
	5	-2990	9,820	6830	-174	-2816	5	-1528	4338	2810	2822	262	6	1511	5840	7160		13,000		
	6	-3038	9,248	6210	-182	-2856	6	-2816	5096	2280	2832	262	7	1497	5424	7376		12,800		
	7	-3028	8,758	5730	-182	-2846	7	-2856	4506	1650	2863	262	8	1486	5331	7369		12,700		
	8	-2894	9,044	6150	-174	-2720	8	-2846	4496	1650	2883	266	9	1471	5021	7379		12,400		
	9	-2359	9,219	6860	-142	-2217	9	-1720	4540	2820	2911	274	10	1465	4349	7451		11,800		
	10	-1887	8,887	7000	-113	-1774	10	-1217	4547	3330	3027	273	11	1457	3526	7574		11,100		
	11	-1887	10,397	8510	-113	-1774	11	-1774	6374	4600	3098	244	12	1462	1350	9350		10,700		
	12	-2359	11,599	9240	-142	-2217	12	-1774	8244	6470	3087	228	13	1460	927	9273		10,200		
	13	-2974	12,794	9820	-118	-2856	13	-1217	8437	7220	3090	202	14	1461	318	9182		9,500		
	14	-4284	14,074	9790	-257	-4027	14	-1856	9756	7900	3116	142	15	1463	79	9271		9,300		
	15	-3331	12,411	9080	-200	-3131	15	-4027	11,547	7520	3171	137	16	1465	-149	9249		9,100		
	16	-2831	11,181	8350	-170	-2661	16	-3131	10,041	6910	3213	205	17	1465	-409	9269		8,800		
	17	-1887	9707	7820	-113	-1774	17	-2661	9041	6380	3215	202	18	1462	-1297	10,397		9,100		
	18	-1887	8717	6830	-113	-1774	18	-1774	7314	5540	3175	200	19	1455	-289	10,489		10,200		
	19	-1887	7877	5990	-113	-1774	19	-1774	5944	4170	3121	201	20	1446	1935	9065		11,000		
	20	-1887	7197	5310	-113	-1774	20	-1774	5034	3260	3109	223	21	1428	3257	8143		11,400		
	21	-2857	8207	5350	-171	-2686	21	-1774	4934	3160	3205	216	22	1419	3261	8139		11,400		
	22	-183,659			-9,757	-183,802	22	-2686	6386	3700	3210	219	23	1413	1804	9596		11,400		
												9019				93,856				



1970  
Done

ANALS		SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY				TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER				
STORED	NORMAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL
	2990			12,600	MAY 9						1240	63	990	2370	3423		3423			3630			226		2990	
0	3060			11,300	10						1280	66	1000	2360	3426	0	3426			3640			234		1770	
374	2726	1189	8,001	9,190	11		199	10	430	850	1280	66	1000	2350	3416	0	3416	70	3600	3670	103	135	238	370	0	370
444	2726	549	8,041	8,590	12		208	10	430	850	1280	66	1000	2390	3456	0	3456	140	3600	3740	102	135	237	293	0	293
464	2726	1659	8,061	9,720	13		216	10	430	850	1280	66	1010	2400	3476	0	3476	160	3600	3760	102	135	237	210	0	210
474	2726	1339	8,071	9,410	14		215	10	430	850	1280	66	1010	2410	3486	0	3486	120	3600	3720	102	135	237	140	0	140
494	2726	649	8,051	8,700	15		209	10	440	850	1290	66	1010	2390	3466	0	3466	120	3600	3720	101	135	236	108	0	108
444	2726	839	8,051	8,890	16		208	10	440	850	1290	66	1010	2390	3466	0	3466	100	3600	3700	101	135	236	115	0	115
374	2726	339	8,131	8,470	17		208	10	440	850	1290	66	1010	2470	3546	0	3546	50	3600	3650	101	135	236	114	0	114
374	2726	579	7,771	8,350	18		207	10	440	850	1290	66	1010	2110	3186	0	3186	10	3600	3610	108	135	243	148	0	148
404	2726	99	8,251	8,350	19		208	10	430	850	1280	66	990	2610	3666	0	3666	30	3600	3630	121	135	256	78	0	78
494	2726	59	8,201	8,260	20		209	10	430	850	1280	66	1000	2550	3616	0	3616	60	3600	3660	134	135	269	35	0	35
514	2726	216	8,164	8,380	21		218	10	430	850	1280	69	1000	2510	3579	0	3579	100	3600	3700	135	135	270	36	0	36
504	2726	157	8,163	8,320	22		217	10	430	850	1280	68	1010	2500	3578	0	3578	100	3600	3700	135	135	270	36	0	36
514	2726	198	8,152	8,350	23		216	10	430	850	1280	67	1000	2500	3567	0	3567	90	3600	3690	141	135	276	38	0	38
544	2726	188	8,252	8,440	24		215	10	430	850	1280	67	1000	2800	3667	0	3667	100	3600	3700	142	135	277	39	0	39
594	2726	258	8,302	8,560	25		214	10	440	850	1290	67	1000	2850	3717	0	3717	90	3600	3690	142	135	277	39	0	39
614	2726	289	8,301	8,590	26		213	10	440	850	1290	66	1000	2650	3716	0	3716	70	3600	3670	141	135	276	39	0	39
564	2726	379	8,301	8,680	27		203	10	440	850	1290	66	1000	2650	3716	0	3716	90	3600	3690	141	135	276	21	0	21
484	2726	459	8,311	8,770	28		202	10	440	850	1290	66	1000	2660	3726	0	3726	130	3600	3730	140	135	275	18	0	18
444	2726	469	8,301	8,770	29		201	10	440	850	1290	66	1000	2650	3716	0	3716	120	3600	3720	136	135	271	20	0	20
374	2726	389	8,291	8,680	30		186	10	440	850	1290	66	1000	2640	3706	0	3706	100	3600	3700	129	135	264	18	0	18
304	2726	509	8,291	8,800	31		178	10	440	850	1290	66	1000	2640	3706	0	3706	110	3600	3710	128	135	263	21	0	21
244	2726	415	8,295	8,710	JUNE 1		198	10	440	850	1290	60	1010	2640	3710	0	3710	110	3600	3710	130	135	265	27	0	27
194	2726	1232	7448	8,680	2		198	10	1289	1	1290	62	1010	2640	3712	0	3712	30	3600	3630	132	135	267	27	0	27
154	2726	1660	7050	8,710	3		198	10	440	0	440	65	1010	2640	3715	350	3365	0	3540	3540	134	135	269	38	0	38
794	2056	2530	6000	8,530	4		208	10	0	0	0	63	1030	2640	3733	733	3000	540	3000	3540	268	0	268	430	0	430
1174	1726	1860	5650	7,510	5		207	10	0	0	0	63	1040	2640	3743	1093	2650	540	3000	3540	265	0	265	27	0	27
1204	1726	1940	5650	7,590	6		213	10	560	0	560	63	1030	2640	3733	1083	2650	590	3000	3590	261	0	261	27	0	27
1134	1726	2976	5434	8,410	7		202	10	1460	0	1460	63	1010	2640	3713	1279	2434	570	3000	3570	249	0	249	27	0	27
1044	1726	2730	5650	8,380	8		202	10	1460	0	1460	63	1010	2640	3713	1063	2650	560	3000	3560	240	0	240	30	0	30
844	1726	2767	5643	8,410	9		207	10	1470	0	1470	64	1010	2660	3734	1091	2643	520	3000	3520	210	0	210	31	0	31
674	1726	2637	5653	8,290	10		203	10	1470	0	1470	64	1010	2640	3714	1061	2653	420	3000	3420	198	0	198	21	0	21
534	1726	2505	5725	8,230	11		197	10	1470	0	1470	64	1010	2550	3624	872	2752	230	3000	3230	195	0	195	21	0	21
176	1726	1942	5848	7,790	12		171	10	1480	0	1480	64	1010	2550	3624	776	2848	190	3000	3190	177	0	177	16	0	16
0	1733	143	7617	7,760	13		157	10	630	850	1480	62	1010	2460	3532	0	3532	0	3100	3100	29	135	164	17	0	17
0	1705	142	7568	7,710	14		144	10	630	850	1480	63	1010	2310	3383	0	3383	0	3200	3200	11	135	146	15	0	15
0	1634	-238	7548	7,310	15		143	10	630	850	1480	63	1010	2280	3353	0	3353	0	3210	3210	8	135	143	12	0	12
0	1663	-188	7608	7,420	16		151	10	540	850	1390	63	1010	2280	3353	0	3353	0	3270	3270	20	135	155	12	0	12
0	1685	196	7564	7,760	17		140	10	480	850	1330	59	1000	2270	3329	0	3329	0	3250	3250	25	135	160	12	0	12
0	1635	-124	7634	7,510	18		143	10	480	850	1330	59	1000	2330	3389	0	3389	0	3260	3260	24	135	159	13	0	13
0	1933	-934	8464	7,530	19		143	10	480	850	1330	59	1000	2450	3509	0	3509	0	3490	3490	38	135	173	12	0	12
0	2400	-179	8089	7,910	20		172	10	507	823	1330	61	1000	2500	3561	0	3561	0	3570	3570	49	135	184	12	0	12
0	2680	1845	6385	8,230	21		179	10	1330	0	1330	61	990	2550	3601	601	3000	95	3385	3480	187	0	187	12	0	12
647	2143	2380	6000	8,380	22		179	10	1330	0	1330	61	990	2590	3641	641	3000	440	3000	3440	189	0	189	12	0	12
701	2139	2530	6000	8,530	23		192	10	1320	0	1320	62	980	2650	3692	692	3000	440	3000	3440	194	0	194	14	0	14
204	2726	1510	6870	8,380	24		201	10	1320	0	1320	62	960	2640	3662	177	3485	0	3250	3250	60	135	195	15	0	15
19,516		43,088					8,698	450	30,356						11,512		7,285			5,878			2,616			

# DAILY SEGREGATION OF

DATE	JACKSON LAKE CONTENTS ACRE- FEET	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS OF ACRE- FEET	SNAKE RIVER NEAR IRWIN			IRWIN TO HEISE		HEISE & RILEY			STORED INFLOW HENRYS FORK	HEISE TO SHEL	
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		STORED LOSS	STOI DIVER
JUNE 20	848510					JUNE 21				1329	-5040	8900	-40		-5000	14,852	9852		-244		
21						22				1339	-5040	13,620	8580	-40	-5000	14,717	9717		-244		
22						23				1349	-4540	12,430	7890	-30	-4510	13,361	8851		-220		
23						24				1358	-5040	12,660	7620	-40	-5000	13,476	8476		-244		
24						25				1368	-5550	13,140	7590	-44	-5506	13,946	8440		-269		
25	849530					26				1379	-3540	11,100	7560	-28	-3512	11,855	8343		-172		
26						27				1386	-2020	10,160	8140	-16	-2004	10,546	8542		-98		
27						28				1390	-2520	11,290	8770	-20	-2500	12,001	9501		-122		
28						29				1395	-3030	11,050	8020	-24	-3006	12,326	9320		-147		
29						30				1401	-500	8030	7530	-4	-496	8606	8110		-24		
30	848000					JULY 1				1402	0	8030	8660	0	0	8641	8641		0		
JULY 1						2				1402	0		9850	0	0		10,402		0		
2						3				1402	0		9870	0	0		10,302		0		
3						4				1402	0		9830	0	0		10,203		0		
4						5				1402	500	9340	9840	4	496	9603	10,107		25		
5	847740					6				1401	1020	8840	9860	8	1012	9082	10,110		50		
6	847230	0		2100		7	0		6890	1399	2520	7780	10,300	20	0	2500	9214	10,214		125	
7	847230	-510	2480	1970	-9	8	-501	7101	6600	1394	1515	9485	11,000	12	2	1501	9527	11,028		73	
8	848250	-130	2170	2040	-2	9	-128	6548	6420	1390	3400	7700	11,100	27	2	3371	7654	11,025	11200 12200	164	23
9	848510	260	1940	2200	4	10	256	6184	6440	1383	4288	7612	11,900	34	2	4252	5777	11,029		208	26
10	848000	400	1790	2190	7	11	393	6007	6400	1375	4929	7371	12,300	39	2	4888	7442	12,330	230	239	37
11	847230	450	1740	2190	8	12	442	5978	6420	1366	4978	7722	12,700	40	4	4934	7898	12,832	-146	241	36
12	846480	450	1740	2190	8	13	442	5978	6420	1357	4978	7722	12,700	40	4	4934	7897	12,831	-734	241	34
13	845440	500	1680	2180	8	14	492	5928	6420	1347	5028	7672	12,700	40	4	4984	7949	12,935	-612	244	35
14	844680	510	1860	2370	9	15	501	6419	6920	1339	4533	8167	12,700	36	4	4493	8541	13,034	-332	219	36
15	843410	750	1900	2650	13	16	737	6293	7030	1331	5273	7427	12,700	42	4	5227	7805	13,032	-184	254	39
16	842140	1000	1650	2650	17	17	983	5967	6950	1322	5519	7181	12,700	44	4	5471	7661	13,132	-262	268	40
17	841120	1000	1620	2620	17	18	983	5717	6700	1313	6023	6777	12,800	48	4	5971	7161	13,132	-588	292	40
18	838830	1000	1620	2620	17	19	983	5587	6570	1303	6023	6777	12,800	48	4	5971	7161	13,132	-572	292	39
19	836280	1000	1610	2610	17	20	983	5357	6340	1293	6527	6273	12,800	52	4	6471	6761	13,232	-540	316	37
20	833990	1000	1600	2600	17	21	983	5187	6170	1282	6527	6273	12,800	52	5	6470	6760	13,230	-460	316	37
21	831190	1200	1400	2600	20	22	1180	4920	6100	1271	6220	6580	12,800	50	5	6165	7066	13,231	-391	302	32
22	828650	1400	1200	2600	24	23	1376	4644	6020	1261	5912	5988	11,900	47	5	5860	6771	12,631	-542	286	31
23	825850	1600	980	2580	27	24	1573	4297	5870	1252	6109	5791	11,900	49	5	6055	6280	12,335	-318	296	31
24	822800	1900	680	2580	32	25	1868	3902	5770	1243	6404	4996	11,400	51	5	6348	5587	11,935	-428	310	27
25	819760	1900	680	2580	32	26	1868	3872	5740	1234	5396	5904	11,300	43	4	5349	6484	11,833	-504	261	32
26	816470	1800	780	2580	31	27	1769	3931	5700	1227	5901	4799	10,700	47	4	5850	6380	12,230	-264	286	29
27	813190	1700	880	2580	29	28	1671	3929	5600	1219	6911	3789	10,700	55	5	6851	4277	11,128	-216	335	31
28	810160	1800	970	2570	27	29	1573	4007	5580	1209	6613	4987	11,600	53	5	6558	5170	11,728	-178	320	32
29	806870	1400	1180	2580	24	30	1376	4084	5460	1199	6416	5284	11,700	51	5	6350	5783	12,133	-253	310	36
30	803340	1260	1310	2570	21	31	1239	4101	5340	1189	6783	4917	11,700	54	5	6724	5409	12,133	-310	329	33
31	800560	1800	760	2560	31	AUG 1	1769	3401	5170	1178	6811	4889	11,700	54	5	6752	5380	12,132	-308	330	32
AUG 1	797020	1900	780	2680	32	2	1868	3592	5260	1168	7414	4386	11,800	59	5	7350	4782	12,132	-373	359	30
2	793260	1900	910	2810	32	3	1868	3372	5240	1157	6910	4790	11,700	55	5	6850	5282	12,132	-231	335	29
3	789240	1900	910	2810	32	4	1868	3372	5240	1147	6406	5094	11,500	51	5	6350	5679	12,029	-299	310	27
		30,940			525		30,415				126,960			1,019	11.7	125,824			-8,805	6,152	90.7



# REGULATION OF DATA AT AND BETWEEN SNAKE RIVER

24 HOUR SECOND-FEET EXCEPT AS NOTED

HEISE & RILEY			STORED INFLOW HENRYS FORK	HEISE TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO	
STORED	NORMAL	TOTAL		STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS				STORED	NORMAL	TOTAL	IN FLOW	D
-5000	14,852	9852		-244		JUNE 22	-4756	11,226	6470	-288		-4476	JUNE 23		-4476	9466	4990	3247	
-5000	14,717	9717		-244		23	-4756	12,086	7330	-288		-4476	24		-4476	9826	5350	3231	
-4510	13,361	8851		-220		24	-4290	11,720	7430	-257		-4033	25		-4033	10,613	6580	3251	
-5000	13,476	8476		-244		25	-4756	13,006	8250	-286		-4470	26		-4470	11,920	7450	3270	
-5506	13,946	8440		-269		26	-5237	14,317	9080	-314		-4923	27		-4923	13,453	8530	3290	
-3512	11,855	8343		-172		27	-3340	13,340	10,000	-200		-3140	28		-3140	12,760	9620	3255	
-2004	10,546	8542		-98		28	-1906	13,106	11,200	-114		-1792	29		-1792	12,492	10,700	3208	
-2500	12,001	9501		-122		29	-2378	14,378	12,000	-142		-2236	30		-2236	12,736	10,500	3179	
-3006	12,326	9320		-147		30	-2859	14,159	11,300	-171		-2688	JULY 1	225	-2688	11,268	8580	3135	
-496	8606	8110		-24		JULY 1	-472	10,572	10,100	-28		-444	2	131	-444	11,404	6960	3102	
0	8641	8641		0		2	0	9540	9540	0		0	3	83	0	6520	6520	3059	
0		10,402		0		3	0		9310	0		0	4	104	0	5460	5460	3023	
0		10,302		0		4	0		8320	0		0	5	95	0	4450	4450	2957	
0		10,203		0		5	0		7290	0		0	6	93	0	3160	3160	2911	
496	9603	10,107		25		6	471	5671	6150	29		442	7	88	442	1810	2260	2869	
1012	9082	10,110		50		7	962	4082	5060	59		903	8	45	903	301	1220	2863	
2500	9214	10,214		125		8	2375	3619	4570	142		2233	9	35	2233	215	962	2829	
1501	9527	11,028		73		9	1428	3252	4680	50	589	789	10	22	576	202	778	2820	
3371	7654	11,025	11200 12200	164	2326	10	881	3129	4010	23	496	362	11	20	264	200	464	2774	
4252	5777	11,029		208	2830	11	1214	2866	4080	46	454	714	12	14	161	194	355	2733	
4888	7442	12,330	230	239	3712	12	1167	2943	4110	38	529	600	13	18	260	198	458	2743	
4934	7898	12,832	-146	241	3650	13	897	3733	4630	22	537	338	14	35	555	215	770	2731	
4934	7897	12,831	-734	241	3439	14	520	4160	4680	-3	577	-54	15	14	544	194	738	2727	
4984	7949	12,933	-612	244	3520	15	608	4102	4710	9	545	54	16	18	612	198	810	2710	
4493	8541	13,034	-332	219	3697	16	245	4725	4970	-20	582	-317	17	37	823	217	1040	2700	
5227	7805	13,032	-184	254	3987	17	802	4418	5220	11	619	172	18	36	964	216	1180	2693	
5471	7661	13,132	-262	268	4059	18	882	4268	5150	17	600	265	19	42	918	222	1140	2681	
5971	7161	13,132	-588	292	4034	19	1057	4093	5150	31	541	485	20	89	1081	289	1350	2672	
5971	7161	13,132	-572	292	3956	20	1151	4199	5350	36	545	570	21	92	1438	272	1710	2651	
6471	6761	13,232	-540	316	3730	21	1885	3625	5510	80	549	1256	22	60	1420	240	1660	2641	
6470	6760	13,230	-460	316	3787	22	1907	3443	5350	83	522	1302	23	43	1467	223	1490	2634	
6165	7066	13,231	-391	302	3296	23	2176	3264	5440	99	517	1560	24	41	1349	221	1570	2618	
5860	6771	12,631	-542	286	3198	24	1834	3766	5600	80	501	1253	25	45	1715	225	1940	2626	
6055	6280	12,335	-318	296	3118	25	2323	3537	5860	108	523	1692	26	64	2076	244	2320	2639	
6348	5587	11,935	-428	310	2794	26	2816	3234	6050	141	461	2214	27	89	1921	269	2290	2652	
5349	6484	11,833	-504	261	3218	27	1366	4104	5470	58	394	914	28	95	1275	275	1550	2673	
5850	6380	12,230	-254	286	2932	28	2378	2112	4490	119	392	1867	29	69	529	249	778	2688	
6851	4277	11,128	-216	335	3129	29	3171	719	3890	171	328	2672	30	68	240	248	488	2690	
6558	5170	11,728	-178	320	3294	30	2766	1494	4260	106	993	1667	31	76	784	256	1040	2696	
6350	5783	12,133	-253	310	3638	31	2149	2481	4630	70	981	1098	AUG 1	104	936	284	1220	2713	
6724	5409	12,133	-310	329	3341	AUG 1	2744	1996	4740	141	387	2216	2	120	1050	300	1350	2713	
6752	5380	12,132	-308	330	3214	2	2900	2100	5000	148	426	2326	3	143	1527	323	1850	2723	
7350	4782	12,132	-373	359	3075	3	3543	1707	5250	190	367	2986	4	158	2052	338	2390	2733	
6850	5282	12,132	-231	335	2962	4	3322	1958	5280	175	407	2740	5	167	1723	347	2070	2753	
6350	5879	12,029	-299	310	2780	5	2961	2039	5000	156	361	2444	6	160	1460	340	1800	2769	
125,824			-8,805	6,152	90,716		20,151			327	14,723	5,101			636				



MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY						TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
		STORED	NORMAL	TOTAL	P. A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
161	10	480	850	1330	62	960	2590	3612	0	3612	0	3080	3080	21	135	156	19	0	19
146	10	480	850	1330	59	950	2580	3589	0	3589	0	2930	2930	0	133	133	22	0	22
139	10	470	850	1320	59	950	2460	3469	0	3469	0	2780	2780	0	119	119	41	0	41
126	10	480	850	1330	59	940	2340	3339	0	3339	0	2710	2710	0	115	115	17	0	17
126	10	470	850	1320	55	940	2340	3335	0	3335	0	2770	2770	0	114	114	15	0	15
128	10	470	850	1320	55	930	2320	3305	0	3305	0	2850	2850	0	114	114	15	0	15
123	10	480	850	1330	55	930	2400	3385	0	3385	0	3050	3050	0	125	125	14	0	14
132	10	480	850	1330	58	930	2520	3508	0	3508	0	3320	3320	0	132	132	12	0	12
168	10	550	850	1400	60	920	2590	3570	0	3570	0	3470	3470	20	135	155	12	0	12
186	10	620	850	1470	64	920	2590	3574	0	3574	0	3580	3580	44	135	179	13	0	13
206	10	1480	0	1480	63	930	2660	3653	400	3253	90	3600	3690	198	0	198	13	0	13
207	10	1490	0	1490	63	920	2720	3703	703	3000	750	3000	3750	204	0	204	13	0	13
227	10	1490	0	1490	63	910	2720	3693	1012	2681	720	3000	3720	205	0	205	14	0	14
237	10	1490	0	1490	63	910	2720	3693	2348	1345	670	3000	3670	212	0	212	16	0	16
238	10	1490	0	1490	63	910	2700	3673	3273	400	640	3000	3640	223	0	223	16	0	16
234	10	1490	0	1490	63	900	2690	3653	3281	372	848	2792	3640	241	0	241	15	0	15
234	10	1490	0	1490	66	900	2800	3766	3400	358	964	2686	3650	257	0	257	13	0	13
233	10	1490	0	1490	67	910	2920	3897	3542	355	1053	2667	3720	262	0	262	11	0	11
232	10	1540	0	1540	68	910	2920	3898	3546	352	1088	2642	3730	264	0	264	11	0	11
244	15	1590	0	1590	70	920	2910	3900	3556	344	1147	2583	3730	278	0	278	11	0	11
252	15	1600	0	1600	70	920	2980	3970	3624	346	1135	2595	3730	281	0	281	12	0	12
247	15	1600	0	1600	70	920	3000	3990	3644	346	1120	2600	3720	285	0	285	142	0	142
239	15	1600	0	1600	70	920	2980	3970	3626	344	1143	2577	3720	287	0	287	205	0	205
240	15	1600	0	1600	70	920	2960	3950	3608	342	1174	2566	3740	286	0	286	203	0	203
232	15	1610	0	1610	71	920	2980	3971	3628	343	1216	2574	3790	286	0	286	203	0	203
232	15	1610	0	1610	71	920	2990	3981	3639	342	1243	2587	3810	286	0	286	203	0	203
244	15	1610	0	1610	71	920	2980	3971	3630	341	1248	2562	3810	286	0	286	203	0	203
244	15	1610	0	1610	74	920	2970	3964	3618	346	1215	2595	3810	286	0	286	203	0	203
248	15	1610	0	1610	74	920	2960	3954	3610	344	1241	2579	3820	286	0	286	203	0	203
245	15	1610	0	1610	74	920	2980	3954	3615	339	1288	2542	3830	286	0	286	203	0	203
238	15	1600	0	1600	74	920	2960	3954	3618	336	1309	2521	3830	284	0	284	208	0	208
236	15	1610	0	1610	74	920	2940	3934	3600	334	1325	2505	3830	268	0	268	210	0	210
236	15	1600	0	1600	74	920	2950	3944	3609	335	1254	2516	3770	266	0	266	205	0	205
232	15	1600	0	1600	74	920	2950	3944	3605	339	1226	2544	3770	256	0	256	210	0	210
234	15	1600	0	1600	74	930	2900	3904	3560	344	1173	2577	3750	256	0	256	214	0	214
231	15	1610	0	1610	74	940	2900	3914	3567	347	1159	2601	3760	256	0	256	210	0	210
224	15	1610	0	1610	74	940	2910	3924	3579	345	1168	2592	3760	256	0	256	205	0	205
219	15	1610	0	1610	74	940	2920	3934	3589	345	1177	2593	3770	264	0	264	205	0	205
198	15	1610	0	1610	68	940	2900	3908	3573	335	1163	2617	3780	267	0	267	201	0	201
198	15	1620	0	1620	68	940	2930	3938	3586	352	1205	2645	3850	267	0	267	267	0	267
201	15	1620	0	1620	68	950	2980	3998	3642	356	1203	2657	3860	260	0	260	201	0	201
214	15	1620	0	1620	66	950	2960	3976	3617	359	1193	2687	3880	257	0	257	201	0	201
215	15	1630	0	1630	66	950	2960	3976	3615	361	1150	2710	3860	264	0	264	203	0	203
218	15	1630	0	1630	66	950	2940	3956	3591	365	1075	2735	3810	258	0	258	203	0	203
215	10	1640	0	1640	66	960	2920	3946	3581	365	1046	2744	3790	258	0	258	203	0	203
9,457	575	60,290							115,235		37,819			9,221			5,239		

# DAILY SEGREGATION OF WATER

DATE	JACKSON LAKE CONTENTS ACRE- FEET	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS OF ACRE- FEET	SNAKE RIVER NEAR IRWIN			IRWIN TO HEISE		HEISE & RILEY			STORED INFLOW HENRY'S FORK	HEISE TO SHELL	
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		STORED LOSS	STORED DIVERSIONS
AUG 4	785980	2020	780	2800	34	AUG 5	1986	3134	5120	1138	7022	4378	11,400	56	5	6961	4768	11,792	-308	340	285
5	781720	2030	750	2780	35	6	1995	2955	4950	1128	7037	4363	11,400	56	5	6976	4724	11,700	-257	341	280
6	777700	2100	680	2780	36	7	2064	2916	4980	1118	6602	4598	11,200	53	5	6544	5156	11,700	-252	319	269
7	773690	2000	770	2770	34	8	1966	2874	4840	1109	7008	3892	10,900	56	4	6948	4483	11,431	-132	339	238
8	769190	2000	770	2770	34	9	1966	2754	4720	1099	6504	4296	10,800	52	4	6448	4781	11,229	-166	314	231
9	765210	2000	760	2760	34	10	1966	2734	4700	1090	6504	4296	10,800	52	2	6450	4879	11,329	-136	314	219
10	761220	2000	750	2750	34	11	1966	2664	4630	1081	5495	5305	10,800	44	1	5450	5878	11,328	-146	266	223
11	757240	1850	1910	2760	31	12	1819	3131	4950	1074	5348	5152	10,500	43	1	5304	5924	11,228	-116	259	179
12	753760	1500	1260	2760	25	13	1475	3675	5050	1067	5004	5296	10,300	40	1	4963	5861	10,824	415	242	153
13	751020	1800	960	2760	31	14	1769	3331	5100	1060	5298	4512	9810	42	1	5255	5267	10,522	506	256	104
14	747030	2000	750	2750	34	15	1966	3084	5050	1053	5495	4035	9530	44	1	5450	4566	10,018	348	266	78
15	743070	2050	700	2750	35	16	2015	2935	4950	1046	5040	4520	9560	40	1	4999	5018	10,017	362	244	146
16	739110	2050	700	2750	35	17	2015	2775	4790	1040	5040	4350	9390	40	1	4999	5008	10,007	-103	244	136
17	735160	2100	640	2740	36	18	2064	2726	4790	1034	5089	4061	9150	41	2	5046	4708	9754	-94	246	142
18	731200	2100	640	2740	36	19	2064	2686	4750	1028	5089	3941	9030	41	3	5045	4467	9512	-112	246	138
19	727000	2100	640	2740	36	20	2064	2546	4610	1022	5089	3941	9030	41	4	5044	4428	9472	-66	246	144
20	723040	2100	620	2720	36	21	2064	2436	4500	1016	5593	3497	9090	45	4	5544	3967	9511	-64	270	147
21	719050	2000	720	2720	34	22	1966	2344	4410	1009	5091	3989	9080	41	4	5046	4425	9471	-202	246	176
22	715420	2050	670	2720	35	23	2015	2305	4320	1003	5544	3586	9130	44	4	5496	4015	9511	-315	268	166
23	711250	2000	720	2720	34	24	1966	2294	4260	996	4991	4159	9150	40	4	4947	4564	9511	-308	241	157
24	707320	2000	720	2720	34	25	1966	2354	4320	990	5495	3695	9190	44	4	5447	4103	9550	-323	265	164
25	703390	2000	720	2720	34	26	1966	2374	4340	983	5495	3685	9180	44	4	5447	4103	9550	-355	265	166
26	699460	2050	660	2710	35	27	2015	2095	4110	976	5544	3676	9220	44	4	5496	4053	9549	-330	268	188
27	695300	2100	610	2710	36	28	2064	2126	4190	969	5593	3617	9210	45	4	5544	3970	9514	-706	270	190
28	691400	2100	610	2710	36	29	2064	2176	4240	962	5593	3447	9040	45	4	5544	3936	9480	-669	270	202
29	687010	2000	700	2700	34	30	1966	2204	4170	955	4991	3809	8800	40	3	4948	4350	9198	-552	241	181
30	683100	2100	600	2700	36	31	2064	2066	4130	949	5089	3751	8840	41	3	5045	4122	9167	-370	246	179
31	678960	2150	540	2690	37	SEPT 1	2113	2017	4130	943	4633	3537	8170	37	2	4594	4304	8898	-375	224	172
SEPT 1	674080	2000	680	2680	34	2	1966	2144	4110	938	4991	2949	7940	40	2	4949	3203	8152	-359	241	163
2	670440	2100	560	2660	36	3	2064	2046	4110	932	5593	2797	8390	45	2	5546	3009	8555	-370	270	258
3	666080	2100	550	2650	36	4	2064	2006	4070	925	5593	3387	8980	45	1	5547	3585	9142	-337	270	303
4	661960	2150	490	2640	37	5	2113	1887	4000	918	4633	4457	9090	37	1	4595	4861	9458	-440	224	230
5	657610	2150	490	2640	37	6	2113	1867	3980	913	3623	4057	7680	29	0	3594	5138	8732	-512	175	210
6	653490	2200	430	2630	37	7	2163	1817	3980	910	3673	3297	6970	29		3644	3525	7169	-543	178	107
7	649370	2200	420	2620	37	8	2163	1817	3980	907	4683	2287	6970	37		4646	2492	7138	-218	226	108
8	644800	2000	610	2610	34	9	1966	2014	3980	902	4991	3009	8000	40		4951	2668	7619	-215	242	110
9	640950	2100	510	2610	36	10	2064	1916	3980	896	4584	3726	8310	37		4547	4217	8764	-200	222	142
10	636860	2100	500	2600	35	11	2064	1966	4030	891	5089	3071	8160	41		5048	3311	8359	-247	246	166
11	632530	2200	380	2580	37	12	2163	1907	4070	885	4180	4060	8240	33		4147	4304	8451	-308	202	172
12	627240	2200	380	2580	37	13	2163	1867	4030	881	4180	3410	7590	33		4147	3939	8086	-333	202	143
13	623160	2000	570	2570	34	14	1966	2014	3980	877	4486	3104	7590	36		4450	3706	7856	-334	202	125
14	619580	1900	670	2570	32	15	1868	2072	3940	872	3378	4212	7590	27		3351	4475	7826	-331	163	119
15	616000	2000	560	2560	34	16	1966	1994	3960	869	3983	3097	7080	32		3951	3541	7492	-292	192	92
16	611930	2000	550	2550	34	17	1966	1974	3940	865	3476	3624	7100	28		3448	3824	7272	-276	168	82
17	607870	1900	650	2550	32	18	1868	2072	3940	862	3885	3305	7190	31		3854	3448	7302	-332	188	84
18	604050	1900	540	2540	32	19	1868	2072	3940	858	2876	4314	7190	23		2853	4509	7362	-418	139	97
		93,550			1,593								234,213		1,874	91	232,248		-10,891	11,306	77,840

# ON OF DATA AT AND BETWEEN SNAKE

24 HOUR SECOND-FEET EXCEPT AS N

STORED INFLOW HENRYS FORK	HEISE TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACK CALCU INF
	STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS				STORED	NORMAL	TOTAL	
-308	340	2853	AUG 6	3460	1300	4760	149	970	2341	AUG 7	86	1464	266	1730	27
-257	341	2809	7	3569	1281	4850	159	921	2489	8	102	1648	282	1930	27
-252	319	2692	8	3281	1779	5060	108	1480	1693	9	90	1990	270	2260	27
-132	339	2386	9	4091	969	5060	160	1424	2507	10	83	2037	263	2300	26
-166	314	2310	10	3658	1592	5250	172	788	2698	11	60	2360	240	2600	26
-136	314	2191	11	3809	1341	5150	181	792	2836	12	65	2195	245	2440	26
-146	266	2235	12	2803	2287	5090	160	142	2501	13	89	2541	269	2810	26
-116	259	1790	13	3139	2431	5570	179	162	2798	14	96	2914	276	3190	26
415	242	1539	14	3597	2133	5730	206	157	3234	15	82	2788	262	3050	26
506	256	1049	15	4456	1014	5470	260	125	4071	16	88	2382	268	2650	26
348	266	781	16	4751	399	5150	242	722	3787	17	89	2451	269	2720	26
362	244	1464	17	3653	1757	5410	174	743	2736	18	117	2383	297	2680	26
-103	244	1365	18	3287	2023	5310	151	777	2359	19	131	2039	311	2350	26
-94	246	1425	19	3281	1659	4940	114	1374	1793	20	79	1721	259	1980	26
-112	246	1388	20	3299	1221	4520	117	1358	1824	21	39	1291	219	1510	26
-66	246	1447	21	3285	1155	4440	117	1326	1842	22	37	1223	217	1440	26
-64	270	1472	22	3738	602	4340	118	1774	1846	23	53	977	233	1210	26
-202	246	1763	23	2835	1425	4260	64	1772	999	24	79	851	259	1110	26
-315	268	1667	24	3246	1094	4340	88	1771	1387	25	59	901	239	1140	26
-308	241	1573	25	2825	1435	4260	60	1821	944	26	32	758	212	970	26
-323	265	1645	26	3214	926	4140	84	1813	1317	27	60	626	240	866	27
-355	265	1660	27	3167	913	4080	77	1889	1201	28	95	825	275	1100	27
-330	268	1885	28	3013	827	3840	67	1896	1050	29	128	872	308	1180	27
-706	270	1903	29	2665	1175	3840	49	1845	771	30	201	1069	381	1450	27
-669	270	2025	30	2580	1260	3840	50	1749	781	31	167	1193	347	1540	27
-552	241	1816	31	2339	1771	4110	34	1768	537	SEPT 1	93	1357	273	1630	27
-370	246	1790	SEPT 1	2639	1441	4080	50	1802	787	2	57	1213	237	1450	27
-375	224	1725	2	2270	1320	3590	27	1815	428	3	22	521	202	723	27
-359	241	1635	3	2714	106	2820	52	1844	818	4	33	153	213	366	27
-370	270	2584	4	2322	588	2910	29	1836	457	5	46	292	226	518	27
-337	270	3032	5	1908	1412	3320	12	1710	186	6	60	730	240	970	27
-440	224	2309	6	1622	1968	3590	6	1718	90	7	59	951	239	1190	26
-512	175	2108	7	799	3071	3870	45	48	706	8	43	1357	223	1680	26
-543	178	1073	8	1850	2260	4110	109	29	1712	9	38	1422	218	1640	26
-218	226	1089	9	3113	877	3990	186	18	2909	10	48	1512	228	1740	26
-215	242	1102	10	3392	498	3890	107	1602	1683	11	49	1291	229	1520	26
-200	222	1426	11	2699	911	3610	67	1577	1055	12	118	1112	298	1410	26
-247	246	1666	12	2889	431	3320	87	1443	1359	13	152	1138	332	1470	26
-308	202	1727	13	1910	1750	3660	34	1349	527	14	111	1389	291	1680	26
-333	202	1436	14	2176	1454	3630	46	1402	728	15	96	1314	276	1590	26
-334	202	1256	15	2658	1302	3660	58	1392	1208	16	93	1327	273	1600	26
-331	163	1191	16	1666	1964	3630	39	1012	615	17	83	1257	263	1520	26
-292	192	927	17	2540	890	3430	92	997	1451	18	83	1097	263	1360	26
-276	168	820	18	2184	1206	3390	72	978	1134	19	103	1087	283	1370	29
-332	188	840	19	2494	916	3410	93	939	1462	20	114	1356	294	1650	26
-418	139	971	20	1325	2495	3820	26	889	410	21	123	2017	303	2320	29
-10,891	11,306	77,840		132,211			4,565	55,759	71,887						

# SNAKE RIVER GAGING STATIONS

# 1969

INCHES AND FEET EXCEPT AS NOTED

SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY		DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-Feet	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS ACRE-Feet	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOOD I STORED
STORED	NORMAL	TOTAL	CALCULATED IN FLOW	STORED DIVERSIONS			STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL					
1464	266	1730	2770	255	AUG 8	809	9764	3036	12,800	94950	1630	1390	3020	3020	0	6464	3036	9500	AUG 9	11.06	209	10	1640
1648	282	1930	2784	252	9	793	9534	3066	12,600	95430	1600	1350	2950	2950	0	6374	3066	9440	10	11.10	210	10	1640
1990	270	2260	2798	198	10	778	9532	3068	12,600	95310	1590	1340	2930	2930	0	6312	3068	9380	11	11.01	200	10	1640
2037	263	2300	2832	199	11	762	9405	3095	12,500	94950	1600	1370	3370	3370	0	6125	3095	9220	12	10.82	201	10	1610
2360	240	2600	2835	255	12	747	9525	3075	12,600	93320	1600	1400	3000	3000	0	6275	3075	9350	13	10.98	202	10	1590
2195	245	2440	2843	231	13	733	9512	3088	12,600	95180	1550	1400	2950	2950	0	5922	3088	9010	14	10.97	203	10	1550
2541	269	2810	2864	223	14	720	9267	3133	12,400	95910	1640	1400	3040	3040	0	5877	3133	9010	15	10.92	216	10	1530
2914	276	3190	2871	236	15	707	9253	3147	12,400	96150	1700	1390	3090	3090	0	5953	3147	9100	16	10.92	209	10	1530
2788	262	3050	2886	238	16	689	9452	3148	12,600	95670	1640	1380	3000	3000	0	6142	3148	9290	17	10.98	204	10	1530
2382	268	2650	2894	227	17	676	9238	3162	12,400	96150	1630	1330	2960	2960	0	6098	3162	9260	18	11.14	204	10	1530
2451	269	2720	2881	220	18	663	9050	3150	12,200	96150	1660	1320	2980	2980	0	5950	3150	9100	19	11.21	204	10	1530
2383	297	2680	2868	230	19	650	8635	3165	11,800	96750	1690	1310	3000	3000	0	5665	3165	8830	20	11.20	206	10	1460
2039	311	2350	2868	234	20	636	8321	3179	11,500	96510	1670	1310	2980	2980	0	5441	3179	3620	21	11.16	200	10	1440
1721	259	1980	2854	234	21	622	8387	3113	11,500	96390	1700	1330	3030	3030	0	5387	3113	8500	22	10.95	204	10	1480
1291	219	1510	2835	235	22	607	8546	3054	11,600	96510	1630	1390	3020	3020	0	5446	3054	8500	23	10.82	189	10	1490
1223	217	1440	2833	239	23	592	8550	3050	11,600	96390	1620	1400	3020	3020	0	5570	3050	8620	24	10.70	177	10	1490
977	233	1210	2841	214	24	576	8726	3074	11,800	96150	1580	1380	2960	2960	0	5546	3074	8620	25	10.46	177	10	1490
851	259	1110	2827	212	25	557	8914	3086	12,000	95180	1580	1330	2910	2910	0	5834	3086	8920	26	10.62	172	10	1490
901	239	1140	2829	238	26	540	9032	3068	12,100	96270	1580	1300	2880	2880	0	5882	3068	8950	27	10.62	165	10	1490
758	212	970	2817	226	27	524	9171	3029	12,200	96270	1500	1290	2790	2790	0	5951	3029	8980	28	10.72	160	10	1490
626	240	866	2799	228	28	504	8961	3039	12,000	96870	1410	1240	2650	2650	0	5911	3039	8950	29	10.62	158	10	1490
825	275	1100	2791	235	29	489	8534	3066	11,600	96510	1390	1200	2590	2590	0	5794	3066	8860	30	10.72	152	10	1490
872	308	1180	2779	219	30	476	7913	3087	11,000	97590	1340	1130	2470	2470	0	5533	3087	8620	31	10.71	152	10	1490
1069	381	1450	2767	151	31	463	7452	3148	10,800	97590	1340	1060	2400	2400	0	5292	3148	8440	SEPT 1	10.80	138	5	1450
1193	347	1540	2775	140	SEPT 1	450	7278	3122	10,400	97590	1310	994	2304	2304	0	5198	3122	8320	2	10.78	131	5	1430
1357	273	1630	2776	177	2	438	7251	3049	10,300	97350	1260	1080	2320	2320	0	4971	3049	8020	3	10.50	119	5	1430
1213	237	1450	2778	203	3	420	7185	3015	10,200	96390	1260	1050	2310	2310	0	5035	3015	8050	4	10.48	119	5	1430
521	202	723	2785	195	4	409	7213	2987	10,200	96630	1220	1030	2250	2250	0	5013	2987	8000	5	10.44	111	5	1430
153	213	366	2785	179	5	394	7202	2998	10,200	96870	1160	946	2106	2106	0	5002	2998	8000	6	10.48	95	5	1390
292	226	518	2785	198	6	382	6839	3011	9850	97590	1140	868	2008	2008	0	4899	3011	7910	7	10.58	93	5	1380
730	240	970	2810	167	7	371	6550	3050	9600	98080	1110	871	1981	1981	0	4740	3050	7790	8	10.71	82	5	1380
951	239	1190	2804	158	8	360	6407	3043	9450	98320	1080	838	1918	1918	0	4637	3043	7680	9	10.75	77	5	1330
1357	223	1680	2816	150	9	352	5911	3039	8950	98560	932	769	1701	1701	0	4491	3039	7530	10	10.85	70	5	1310
1422	218	1640	2816	138	10	342	5436	3034	8470	98320	891	757	1648	1648	0	4306	3034	7340	11	10.77	67	5	1310
1512	228	1740	2821	140	11	334	5331	3049	8380	98320	860	740	1600	1600	0	4181	3049	7230	12	10.75	56	5	1310
1291	229	1520	2812	132	12	326	5009	3041	8050	98320	781	684	1465	1464	1	4100	3040	7140	13	10.78	49	5	1310
1112	298	1410	2813	140	13	317	4399	3111	7510	98320	779	633	1412	1271	141	4000	2970	6970	14	10.60	87	5	1320
1138	332	1470	2842	152	14	311	4116	3174	7290	95180	775	604	1379	1205	174	3970	3000	6970	15	10.78	77	5	1310
1389	291	1680	2855	158	15	305	4104	3148	7250	94020	772	601	1373	1166	206	3750	2940	6690	16	10.76	73	5	1310
1314	276	1590	2860	186	16	298	4604	3136	7740	93090	772	583	1355	1139	216	3660	2920	6580	17	10.74	68	5	1310
1327	273	1600	2864	186	17	291	4783	3137	7920	93200	772	604	1376	1159	217	3660	2920	6580	18	10.76	65	5	1230
1257	263	1520	2876	180	18	283	4481	3139	7600	94020	775	601	1376	1167	209	3540	2930	6470	19	10.70	69	5	1190
1097	263	1360	2881	174	19	278	4366	3144	7510	94140	772	588	1360	1126	234	3400	2910	6310	20	10.76	75	5	1190
1087	283	1370	2900	168	20	271	4287	3183	7470	94140	772	575	1347	1054	293	3340	2890	6230	21	10.74	74	0	1190
1356	294	1650	2895	125	21	266	3931	3189	7120	94600	772	532	1304	965	339	3270	2850	6120	22	10.89	74		1190
2017	303	2320	2906	125	22	264	3541	3209	6750	94720	728	506	1234	765	469	3080	2740	5820	23	10.75	68		1190
				9,000										104,617		232,987					6,311	330	65,430

1970

DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY						TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
				STORED	NORMAL	TOTAL	P. A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
AUG 9	11.06	209	10	1640	0	1640	66	960	2930	3956	3599	357	1081	2679	3760	254	0	254	205	0	205
10	11.10	210	10	1640	0	1640	64	960	2930	3954	3593	361	1055	2705	3760	252	0	252	205	0	205
11	11.01	200	10	1640	0	1640	64	960	2900	3924	3563	361	1053	2707	3760	238	0	238	205	0	205
12	10.82	201	10	1610	0	1610	64	950	2860	3874	3510	364	1029	2731	3760	233	0	233	203	0	203
13	10.98	202	10	1590	0	1590	64	950	2870	3884	3522	362	1037	2713	3750	233	0	233	203	0	203
14	10.97	203	10	1550	0	1550	66	950	2850	3866	3502	364	966	2724	3720	232	0	232	205	0	205
15	10.92	216	10	1530	0	1530	66	950	2860	3876	3508	368	965	2765	3730	232	0	232	205	0	205
16	10.92	209	10	1530	0	1530	66	950	2880	3896	3526	370	983	2777	3740	232	0	232	203	0	203
17	10.98	204	10	1530	0	1530	66	950	2900	3916	3546	370	982	2778	3760	231	0	231	203	0	203
18	11.14	204	10	1530	0	1530	66	950	2840	3856	3484	372	930	2790	3720	231	0	231	205	0	205
19	11.21	204	10	1530	0	1530	66	940	2790	3796	3426	370	890	2780	3670	231	0	231	205	0	205
20	11.20	206	10	1460	0	1460	66	940	2790	3796	3424	372	827	2793	3620	230	0	230	203	0	203
21	11.16	200	10	1440	0	1440	66	940	2800	3806	3432	374	835	2805	3640	230	0	230	203	0	203
22	10.95	204	10	1480	0	1480	66	940	2800	3806	3440	366	941	2739	3680	237	0	237	203	0	203
23	10.82	189	10	1490	0	1490	66	940	2790	3796	3437	359	965	2695	3660	245	0	245	203	0	203
24	10.70	177	10	1490	0	1490	65	940	2780	3785	3426	359	969	2691	3660	247	0	247	203	0	203
25	10.46	177	10	1490	0	1490	66	940	2780	3786	3420	366	952	2708	3660	247	0	247	194	0	194
26	10.62	172	10	1490	0	1490	65	940	2790	3795	3432	363	947	2723	3670	247	0	247	194	0	194
27	10.62	165	10	1490	0	1490	65	940	2750	3755	3394	361	923	2707	3630	247	0	247	198	0	198
28	10.72	160	10	1490	0	1490	65	940	2740	3745	3389	356	887	2673	3560	240	0	240	268	0	268
29	10.62	158	10	1490	0	1490	65	950	2680	3695	3338	357	780	2680	3460	227	0	227	304	0	304
30	10.72	152	10	1490	0	1490	65	950	2680	3695	3329	366	720	2700	3420	215	0	215	313	0	313
31	10.71	152	10	1490	0	1490	63	950	2640	3653	3290	363	616	2724	3240	195	0	195	310	0	310
SEPT 1	10.80	138	5	1450	0	1450	62	940	2620	3622	3252	370	522	2778	3300	189	0	189	310	0	310
2	10.78	131	5	1430	0	1430	62	940	2580	3582	3215	367	465	2755	3220	175	0	175	310	0	310
3	10.50	119	5	1430	0	1430	62	940	2530	3532	3173	359	450	2690	3140	164	0	164	301	0	301
4	10.48	119	5	1430	0	1430	62	940	2530	3532	3177	355	490	2660	3150	161	0	161	301	0	301
5	10.44	111	5	1430	0	1430	62	940	2510	3512	3160	352	465	2635	3100	161	0	161	301	0	301
6	10.48	95	5	1390	0	1390	62	940	2480	3482	3129	353	355	2645	3000	161	0	161	301	0	301
7	10.58	93	5	1380	0	1380	62	930	2400	3392	3038	354	293	2657	2950	158	0	158	307	0	307
8	10.71	82	5	1380	0	1380	62	930	2350	3342	2983	359	259	2691	2950	151	0	151	313	0	313
9	10.75	77	5	1330	0	1330	60	930	2370	3360	3002	358	225	2685	2910	149	0	149	307	0	307
10	10.85	70	5	1310	0	1310	56	920	2340	3316	2959	357	158	2682	2840	149	0	149	304	0	304
11	10.77	67	5	1310	0	1310	53	920	2270	3243	2886	357	143	2677	2820	149	0	149	304	0	304
12	10.75	56	5	1310	0	1310	53	920	2130	3103	2744	359	110	2690	2800	133	0	133	307	0	307
13	10.78	49	5	1310	0	1310	53	920	2130	3103	2703	400	0	2640	2640	130	0	130	307	0	307
14	10.60	87	5	1320	0	1320	53	920	2110	3083	2683	400		2570	2570	130	0	130	307	0	307
15	10.78	77	5	1310	0	1310	53	920	2040	3013	2613	400		2600	2600	121	0	121	307	0	307
16	10.76	73	5	1310	0	1310	52	910	1960	2922	2522	400		2540	2540	121	0	121	307	0	307
17	10.74	68	5	1310	0	1310	52	870	1850	2772	2372	400		2520	2520	121	0	121	307	0	307
18	10.76	65	5	1230	0	1230	51	900	1740	2691	2291	400		2520	2520	117	0	117	310	0	310
19	10.70	69	5	1190	0	1190	51	930	1740	2721	2321	400		2530	2530	108	0	108	310	0	310
20	10.76	75	5	1190	0	1190	51	920	1660	2631	2231	400		2510	2510	101	0	101	307	0	307
21	10.74	74	0	1190	0	1190	51	920	1470	2441	2041	400		2490	2490	86	0	86	307	0	307
22	10.89	74		1190	0	1190	50	910	1470	2430	2030	400		2450	2450	86	0	86	310	0	310
23	10.75	68		1190	0	1190	50	910	1450	2410	2010	400		2340	2340	86	0	86	307	0	307
		6,311	330	65,430							142,065		25,248			8,513			12,095		

# DAILY SEGREGATION OF DATA

DATE	JACKSON LAKE CONTENTS ACRE- FEET	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS OF ACRE- FEET	SNAKE RIVER NEAR IRWIN			IRWIN TO HEISE		HEISE & RILEY			STORED INFLOW HENRYS FORK	HEISE TO SHELLEY		DATE	N STO
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		STORED LOSS	STORED DIVERSIONS		
SEPT 19	600230	950	1580	2530	16	SEPT 20	934	3166	4100	856	1942	5078	7020	16		1926	5436	7362	-422	94	803	SEPT 21	
20	599810	1100	1430	2530	19	21	1081	3319	4400	854	2089	4741	6830	17		2072	5038	7110	-404	101	116	22	17
21	596670	1700	830	2530	29	22	1671	2629	4300	852	2679	4391	7070	21		2658	4392	7050	-145	129	192	23	21
22	593120	1900	620	2520	32	23	1868	2232	4100	850	2372	3978	6350	19		2353	4416	6769	-133	115	172	24	19
23	589320	1900	620	2520	32	24	1868	2132	4000	849	1868	4242	6110	15		1853	4580	6433	-115	91	113	25	19
24	585760	1800	710	2510	31	25	1769	2181	3950	849	1769	3761	5530	14		1755	4228	5983	-186	86	0	26	19
25	582200	1800	700	2500	31	26	1769	2151	3920	849	1265	3775	5040	10		1255	4315	5370	11	61		27	19
26	578410	1600	650	2250	27	27	1573	2277	3850	850	1069	3781	4850	9		1060	4310	5370	0	52		28	19
27	575340	1200	670	1870	20	28	1180	2420	3600	851	1180	3660	4840	9		1171	4089	5260		57		29	19
28	572980	1000	660	1660	17	29	983	2367	3350	851	1487	3373	4860	12		1475	3815	5290		72		30	19
29	570860	600	890	1490	10	30	590	2410	3000	850	1094	3746	4840	9		1085	4145	5230		53		OCT 1	19
30	569680	600	750	1150	10	OCT 1	590	2160	2750	849	1094	3756	4850	9		1085	4175	5260		53		2	19
OCT 1	568500	500	486	986	8	2	492	2008	2500	848	996	3854	4850	8		988	4302	5290		48		3	19
2	567300	300	518	818	5	3	295	2005	2300	847	1303	3547	4850	10		1293	3447	4740		63		4	19
3	567100	200	418	618	3	4	197	1953	2150	844	701	3209	3910	6		695	3545	4240		34		5	19
4	566800	0	412	412		5	0	2000	2000	844	0	3800	3800			0	4240	4240				6	19
5	566600			208		6			1970	844			3800					4240				7	19
		17,150			290		16,860				22,908			184		22,724			-1,394	1,109	1,396		18
		128,838			2,188		126,650				210,743			1,703	208	208,832			-21,090	10,262	169,952		7



# DATA AT AND BETWEEN SNAKE RIVER GAGING STATION

24 HOUR SECOND-FEET EXCEPT AS NOTED

DATE	SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY		DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-FEET	SNAKE RIVER AT NEELEY			LAKE WALCOTT CONTENTS ACRE-FEET	M
	STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS				STORED	NORMAL	TOTAL	CALCULATED IN FLOW	STORED DIVERSIONS			STORED	NORMAL	TOTAL		
SEPT 21	607	3783	4390	36		571	SEPT 22	130	2470	310	2780	2915	111	SEPT 23	262	3325	3225	6550	94950	66
22	1451	3099	4550	87		1364	23	120	2520	300	2820	2893	111	24	259	3277	3193	6470	94840	68
23	2192	2408	4600	132		2060	24	90	2570	270	2840	2889	111	25	259	3231	3159	6390	94950	72
24	1933	2407	4340	116		1817	25	86	2494	266	2560	2885	113	26	258	3119	3151	6270	94950	73
25	1534	2506	4040	92		1442	26	60	2080	240	2320	2886	110	27	255	3104	3126	6230	94600	80
26	1483	2217	3700	89		1394	27	36	1664	216	1880	2884	106	28	251	3330	3100	6430	93900	83
27	1205	2185	3390	72		1133	28	7	1273	187	1460	2899	103	29	245	3504	3086	6590	93900	83
28	1008	1998	3030	62		946	29	6	924	186	1110	2889	108	30	239	3675	3075	6750	92270	83
29	1114	1748	2890	68		1046	30	20	722	200	922	2884	110	OCT 1	234	3956	3084	7040	91900	83
30	1403	1235	2680	87		1316	OCT 1	62	696	242	938	2880	110	2	227	3918	3122	7040	90900	84
CT 1	1032	1638	2670	62		970	2	142	808	322	1130	2880	110	3	225	3588	3202	6790	92600	80
2	1032	1728	2760	62		970	3	253	1507	433	1940	2880	115	4	222	3157	3313	6470	93100	73
3	940	2280	3220	56		884	4	238	2322	418	2740	2880	109	5	221	2852	3298	6150	94100	68
4	1230	2930	4160	74		1156	5	136	2914	316	3230	2880	105	6	223	2434	3196	5630	94600	66
5	661	2729	3390	40		621	6	76	2414	256	2670	2880	105	7	224	2164	3036	5200	95200	67
6	0	3820	3820				7	104	1272	1438	2710	2880	99	8	222	626	4384	5010	94700	67
7			3820				8	114	0	2580	2580	2880	91	9	227	0	3880	3880	93800	67
18,825				1,135		17,690			28,650				1,827			49,260				
7,528				- 3,730	70,482	- 59,224			59,224				32,419			799,183				

# STATIONS

# 1969

LAKE WALCOTT CONTENTS ACRE- FEET	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY				TWIN FALLS CANAL COMPANY					
	NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P. A.	GOODING	MAIN	TOTAL	STORED	NORMAL	TOTAL			
94950	660	514	1174	609	565	2970	2660	5630	SEPT 24	10.45	59		1190	0	1190	50	900	1430	2380	1980	400	0	2260	2260	
94840	686	532	1218	635	583	3020	2610	5630	25	10.50	58		1140	0	1190	50	910	1380	2340	1940	400		2210	2210	
94950	724	542	1266	707	559	2930	2600	5530	26	10.51	54		1120	0	1120	46	910	1170	2126	1726	400		2200	2200	
94950	737	549	1286	725	561	2780	2590	5370	27	10.44	59		1120	0	1120	47	910	1160	2117	1717	400		2190	2190	
94600	801	575	1376	810	566	2680	2560	5240	28	10.24	58		1120	0	1120	46	900	1150	2096	1696	400		2160	2160	
93900	836	633	1469	849	620	2740	2480	5220	29	10.09	63		1120	0	1120	46	900	1200	2146	1746	400		2080	2080	
93900	836	641	1477	821	656	2890	2430	5320	30	10.07	67		1120	0	1120	46	900	1200	2146	1746	400		2030	2030	
92270	834	646	1480	855	625	3050	2450	5500	OCT 1	10.17	67		1120	0	1120	0	910	1210	2120	1720	400		2050	2050	
91900	834	614	1448	764	684	3100	2400	5500	2	9.96	62		1120	0	1120		900	1150	2050	1650	400		2000	2000	
90900	827	646	1473	771	702	3350	2420	5770	3	10.28	62		1120	0	1120		900	1140	2040	1640	400		2020	2020	
92600	805	609	1414	922	492	2990	2280	5270	4	10.44	39		1120	0	1120		900	1010	2010	1610	400		1880	1880	
93100	731	554	1285	0	1285	2852	2028	4880	5	10.64	39		1120	0	1120		900	952	1852	1434	418		1610	1610	
94100	686	532	1218		1218	2600	2080	4680	6	10.78	39		1120	0	1120		910	876	1786	1696	590		1490	1490	
94600	688	514	1202		1202	2416	1994	4410	7	10.90	41		1120	0	1120		900	848	1748	1204	544		1450	1450	
95200	674	496	1170		1170	2364	1866	4230	8	10.92	41		1120	0	1120		900	845	1745	1329	416		1450	1450	
94700	638	522	1160		1160	1088	3072	4160	9	10.78	32		1076	44	1120		900	842	1742	0	1742		1330	1330	
93800	634	536	1170		1170	1588	2552	4140	10	10.84	25		0	380	380		990	282	1272		1272		1280	1280	
				8,468		45,408							865	0	17,966					24,834		0			
				234,749		533,469							25,331	1,355	174,042					293,646		70,302			

# 1969

PLATE NO. 13A

NALS		SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY				TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER				
ORED	NORMAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
609	565	2970	2660	5630	SEPT 24	10.45	59		1190	0	1190	50	900	1430	2380	1980	400	0	2260	2260	92	0	92	304	0	304
635	583	3020	2610	5630	25	10.50	58		1140	0	1190	50	910	1380	2340	1940	400	0	2210	2210	94	0	94	304	0	304
707	559	2930	2600	5530	26	10.51	54		1120	0	1120	46	910	1170	2126	1726	400	0	2200	2200	94	0	94	304	0	304
725	561	2780	2590	5370	27	10.44	59		1120	0	1120	47	910	1160	2117	1717	400	0	2190	2190	101	0	101	301	0	301
810	566	2680	2560	5240	28	10.24	58		1120	0	1120	46	900	1150	2096	1696	400	0	2160	2160	104	0	104	299	0	299
849	620	2740	2480	5220	29	10.09	63		1120	0	1120	46	900	1200	2146	1746	400	0	2080	2080	124	0	124	288	0	288
821	656	2890	2430	5320	30	10.07	67		1120	0	1120	46	900	1200	2146	1746	400	0	2030	2030	128	0	128	290	0	290
855	625	3050	2450	5500	OCT 1	10.17	67		1120	0	1120	0	910	1210	2120	1720	400	0	2050	2050	120	0	120	293	0	293
764	684	3100	2400	5500	2	9.96	62		1120	0	1120		900	1150	2050	1650	400	0	2000	2000	120	0	120	282	0	282
771	702	3350	2420	5770	3	10.28	62		1120	0	1120		900	1140	2040	1640	400	0	2020	2020	114	0	114	307	0	307
922	492	2990	2280	5270	4	10.44	39		1120	0	1120		900	1010	2010	1610	400	0	1880	1880	99	0	99	310	0	310
0	1285	2852	2028	4880	5	10.64	39		1120	0	1120		900	952	1852	1434	418	0	1610	1610	93	0	93	310	0	310
	1218	2600	2080	4680	6	10.78	39		1120	0	1120		910	876	1786	1696	590	0	1490	1490	86	0	86	318	0	318
	1202	2416	1994	4410	7	10.90	41		1120	0	1120		900	848	1748	1204	544	0	1450	1450	76	0	76	327	0	327
	1170	2364	1866	4230	8	10.92	41		1120	0	1120		900	845	1745	1329	418	0	1450	1450	65	0	65	318	0	318
	1160	1088	3072	4160	9	10.78	32		1076	44	1120		900	842	1742	0	1742	0	1330	1330	0	65	65	315	0	315
	1170	1588	2552	4140	10	10.84	25		0	380	380		990	282	1272		1272		1280	1280	65	65	0	321	0	321
468		45,408					865	0	17,966							24,834	0			1,510			4,870			
14,749		533,469					25,331	1,355	174,042							293,646	70,302			25,122			25,020			





S E P T E M B E R

																														NO.	TOTAL		RESERVOIR EQUIVALENT ACRE-FEET	AMERICAN FALLS ACRE-FEE
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		SECOND-FEET	ACRE-FEET		
2	2	2	1	1																									1	208	413	441		
18	12	15	22	26	22	9	8	9	24	19	21	16	16	16	12	12	12	12	12	10	10	9	3	0					2	1,643	3,259	3,476	673	
58	56	75	196	239	219	140	215	220	225	192	181	136	104	104	57	40	40	0											3	17,279	34,272	36,558	12,485	
30	13	45	82	57	28	54	47	47	18	43	50	1	1	1	1	0	0	2	9	0									4	4,586	9,096	9,703		
138	135	158	159	159	160	155	139	139	123	113	144	141	138	138	138	137	138	144	118	0									5	9,702	19,244	20,528	8,923	
0	5	5	5	5	0				0	5	6	6	0	6	0														6	195	387	413		
6	5	0							0	9	6	7	1	2	2	2	2	3	4	2	3	4	3	0					7	426	845	901		
									0																					8	0	0		
									0	3	6	4	2	1	0	1	0													9	100	198	211	
									0																					10	33	65	69	
									0	1	2	0																		11	340	674	719	
266	255	293	323	332	332	0		0	157	225	220	204	207	223	66	66	100	175	0										12	13,700	27,174	28,987	12,025	
90	86	198	163	175	145	0		0	43	160	165	127	114	108	102	96	89	105	164	68	100	90	72	0				13	9,831	19,499	20,800	2,649		
																														14	23	46	49	
259	259	259	259	259	259	0		0	218	291	291	291	291	291	277	268	268	268	250	0	17	0						15	21,701	43,043	45,914	9,496		
6	0	7	3	6	6	0			0	7	12	3	3	6	6	5	5	5	6	5	7	3	4	0				16	637	1,263	1,347			
5	5	6	7	7	6	0																							17	329	653	697		
13	12	14	19	17	17	0				0	27	18	7	0															18	370	734	783		
																														19	387	768	819	
																														20	122	242	258	
																														21	3,727	7,392	7,885	
62	35	65	40	11	12	32	59	42	25	0					0	10	0	0	8	0								22	5,788	11,480	12,246	3,868		
48	47	82	87	82	71	84	63	73	17	54	36	42	19	31	32	22	37	61	32	26	32	33	0					23	2,743	5,441	5,804	2,549		
23	0	23	20	17	15	15	0																						24	1,524	3,023	3,225		
44	13	58	58	44	44	4	4	4	18	18	46	46	46	2	5	5	5	5	5	0								25	70	139	148			
																													26	326	651	694		
																													27	1,535	3,045	3,248		
																													28	377	748	798		
30	28	29	36	14	25	0		0	19	19	21	20	11	0														29	543	1,077	1,149	886		
5	0	11	0	5	5	0																						30	1,580	3,134	3,343			
																													31	1,479	2,934	3,130		
																													32	267	518	553		
																													33	131	260	277		
																													34	89	177	189		
																													35	664	1,317	1,405	4,686	
0	28	46	55	40	20	0	32	46	47	41	41	19	0	37	35	34	32	32	15	0	22	26	31	0			36	2,756	5,466	5,831	13,459			
2	2	3	3	3	3	1	0																					37	255	506	540	191		
2	2	3	3	3	3	1	0																					38	78	151	161	21		
1	12	11	9	8	3	0																						39	654	1,297	1,384	50		
0	70	100	130	170	110	50	0																					40	14,650	29,058	30,996	22,911		
108	66	501	520	110	110	129	131	120	93	88	49	59	64	39	25	11	4	0									41	14,222	28,209	30,089	25,731			
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0										42	2,227	4,417	4,711	2,006		
97	74	75	76	77	78	0																						43	2,040	4,046	4,316	6,047		
387	390	391	396	396	380	375	370	363	344	322	300	208	154	160	126	94	100	139	184	0							44	30,819	61,129	65,206	26,367			
50	50	50	60	60	60	50	50	50	50	50	50	40	40	40	40	40	40	40	40	40	40	40	40	0			45	4,300	8,529	9,098				
1775	1685	2634	3092	2369	2168	1123	1139	1152	1476	1716	1777	1476	1296	1231	967	860	880	1011	843	156	232	212	153	0			46	174,248	345,606	368,658	155,003			
																													47	323	641	685		
																													48	901	1,787	1,906	12,763	
																													49	1,007	1,997	2,130		
497	451	442	439	446	454	30	27	18	430	418	379	377	377	370	0													50	13,460	26,698	28,479	21,415		
1250	1310	1340	1280	1200	1230	0		0	1150	1140	1060	968	1020	1020	1010	993	975	936	884	0							51	52,581	104,293	111,248	58,591			
45	46	36	57	43	31	0																						52	602	1,194	1,274	3,396		
1	6	26	17	11	0																							53	491	974	1,039			
																													54	605	1,200	1,280		
																													55	216	417	445	1,314	
																													56	85	169	180		
																													57	752	1,492	1,592		
																													58	430	853	910		
1802	1815	1844	1836	1710	1718	48	29	18	1602	1577	1443	1349	1402	1392	1012	997	978	939	889	0								59	71,453	141,715	151,166	94,479		
66	66	66	66	66	66	66	66	53	53	53	53	53	53	50	50	50	52	50	50	50	36	36	36	36	36	36	36	36	60	20,351	40,368	47,700		
110	136	128	112																															

NO.	TOTAL		RESERVOIR EQUIVALENT ACRE-FEET	AMERICAN FALLS ACRE-FEET	JACKSON ACRE-FEET	PALISADES ACRE-FEET	RENTALS (1) ACRE-FEET	OTHER RIGHTS ACRE-FEET	TOTAL SUPPLY ACRE-FEET
	SECOND-FOOT	ACRE-FOET							
1	208	413	441				45 (2)	5,160	5,205
2	1,643	3,259	3,476	673	1,589	1,194			3,456
3	17,279	34,272	36,558	12,485	7,209	21,945		(2) 775	42,414
4	4,586	9,098	9,703		2,000	7,238	200	(2) 209	9,647
5	9,702	19,244	20,528	8,923	11,252	15,092		(2) 48	35,313
6	195	387	413					(2) 370	370
7	426	845	901			1,109			1,109
8	0	0						(2) 185	185
9	100	198	211			193			193
10	33	65	69				20	(2) 46	66
11	340	674	719					(2) 770	770
12	13,700	27,174	28,987	12,025	11,943	18,085		(2) 1,063	43,126
13	9,831	19,499	20,800	2,649	3,530	12,089	260	(2) 3,074	21,602
14	23	46	49					(2) 234	234
15	21,701	43,043	45,914	9,496	10,603	24,178	654	(2) 12	44,943
16	637	1,263	1,347			616	(1) 454	(2) 231	1,301
17	329	653	697					(2) 847	847
18	370	734	783		1,040	1,232			2,272
19	387	768	819			616	(1) 304		920
20	122	242	258				(1) 28	(2) 170	198
21	3,727	7,392	7,885		4,000	4,851	(1) 850	(2) 1,302	11,003
22	5,788	11,480	12,246	3,868	5,234	6,045			15,147
23	2,743	5,441	5,804	2,549	1,472	2,428			6,447
24	1,524	3,023	3,225			3,619	(1) 50	(2) 690	4,359
25	70	139	148					(2) 323	323
26	328	651	694					(2) 685	685
27	1,535	3,045	3,248			4,851		(2) 215	5,066
28	377	748	798			3,619			3,619
29	543	1,077	1,149	886	511	924			2,321
30	1,580	3,134	(3) 3,343			4,620		(2) 316	4,936
31	1,479	2,934	3,130			4,235			4,235
32	267	518	553			924			924
33	131	260	277					(2) 289	289
34	89	177	189					(2) 100	100
35	664	1,317	1,405	4,666	2,695	33,880			41,241
36	2,756	5,466	5,831	13,459	7,771	11,742			32,972
37	255	506	540	191	110			(2) 554	855
38	78	151	161	21	12			(2) 172	205
39	654	1,297	1,384	50	384	3,226		(2) 339	3,999
40	14,650	29,058	30,996	22,911	13,230	45,276			81,417
41	14,222	28,209	30,089	25,731	19,857	(4) 25,988	(1) 225	(2) 2,119	73,920
42	2,227	4,417	4,711	2,006	2,659	4,312		(2) 250	9,227
43	2,040	4,046	4,316	6,047	3,491	4,620			14,158
44	30,819	61,129	65,206	26,367	30,225	27,181			83,773
45	4,300	8,529	9,098				(1) 1,460	(2) 11,800	13,260
46	174,248	345,606	368,658	155,003	140,817	295,936	4,505	27,186	623,447
47	323	641	685				(1) 750	(2) 182	932
48	901	1,787	1,906	12,763	7,370	3,118			23,251
49	1,007	1,997	2,130			9,048			9,048
50	13,460	26,698	28,479	21,415	20,365	26,950			68,730
51	52,581	104,293	111,248	58,591	74,626	117,656		(6) -55	247,818
52	602	1,194	1,274	3,396	1,961	4,851			10,208
53	491	974	1,039			1,155			1,155
54	605	1,200	1,280			1,810			1,810
55	216	417	445	1,314	758	2,464			4,538
56	85	169	180			482			482
57	752	1,492	1,592			1,810		(7) -228	1,584
58	430	853	910			539	(1) 136	(7) 226	901
59	71,453	141,715	151,166	94,479	105,080	169,863	886	127	370,435
60	20,351	40,388		47,700		64,603		(8) 13,600	125,903
61	12,028	23,856		23,300		31,493	(12) - 7,554	(8) 8,330	55,569
62	234,749	465,618		241,505	186,030	57,134		(9) 117,708	602,377
63	1,355	2,688					(2) 1,790	(8) 1,031	2,821
64	25,331	50,243		47,593		69,913		(8) 19,130	136,636
65	174,042	345,207		400,000		770		(8) 66,815	487,585
66	293,646	582,436		438,360	312,007	89,782		(8) 22,833	862,982
67	70,302	139,442		151,185	97,183			(8) 14,350	262,718
68	25,122	49,829		45,687		34,263	(1) 1,000	(8) 11,701	91,651
69	25,020	49,626		45,000					45,000
70						(10) 26,520			26,520
71							(11) 8,394		8,394
	1,127,855	2,237,047		1,689,812	841,117	1,384,277	8,066	307,971	3,687,243

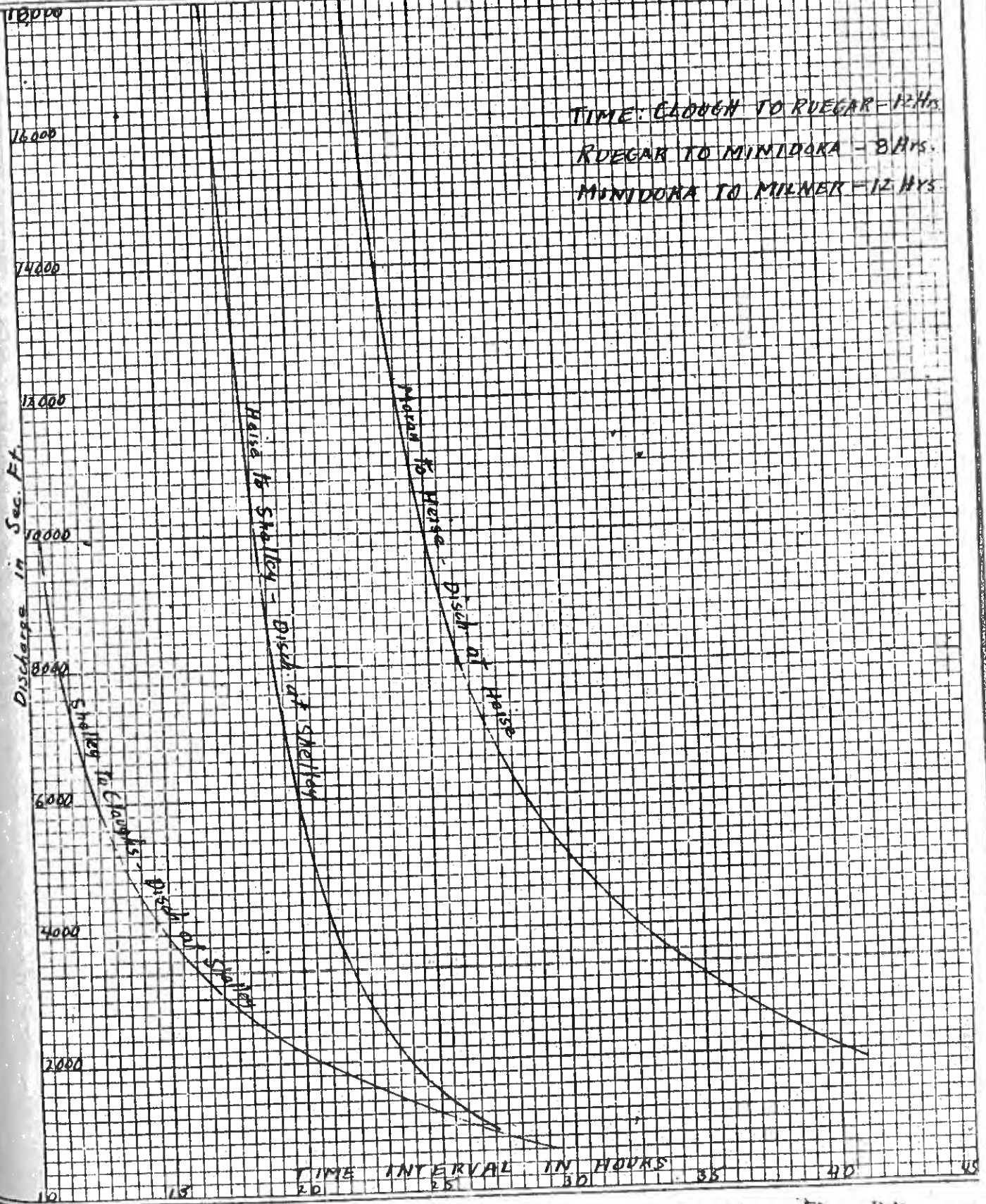
NOTES

- (1) RENTED FROM WATER DISTRICT NO. 36
- (2) FROM PALISADES WATER USERS
- (3) WEST LABELLE 1,323; LONG ISLAND 2,020
- (4) INCLUDES 1,323 TO WEST SIDE MUTUAL
- (5) INCLUDES 4,270 TO MARTIN CANAL CO.
- (6) TRANSFER TO ABERDEEN PUMP
- (7) TRANSFER FROM WATSON TO PARSONS
- (8) AMERICAN FALLS REFILL
- (9) GAIN NEELEY TO MILNER 79,000  
AMERICAN FALLS REFILL 38,708
- (10) WYOMING USERS, 25,410 A.F., CONTINGENCIES 1,110 A.F.
- (11) RENTED BY WATER DISTRICT 36 THROUGH POOL COMMITTEE TO VARIOUS CANALS & INDIVIDUALS
- (12) RENTED TO WATER DISTRICT 36
- (13) DOES NOT INCLUDE FOLLOWING ALLOTMENTS
  - CITY OF POCATELLO 38,500
  - SIMPLOT 1,925
  - WESTVACO 3,850
  - PALISADES WATER USERS 38,677

Lake Walcott 797,600

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No 15



TIME: CLOUGH TO RUEGAR - 12 HRS.  
 RUEGAR TO MINIDOKA - 8 HRS.  
 MINIDOKA TO MILNER - 12 HRS.



DAILY DISCHARGE IN SECOND - FEET OF HENRY'S FORK CANALS

MAY 1969

TOTAL

CANAL	FALL RIVER CANALS																																		
	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																																			
TOTAL ABOVE SQUIRREL																																			
FARMERS OWN																																			
ALMY																																			
ENTERPRISE																																			
BELL																																			
FALL RIVER																																			
MC BEE																																			
CHESTER																																			
SILKEY																																			
CURR																																			
TOTAL SQUIRREL TO CHESTER																																			

CANAL	HENRY'S FORK CANALS																																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL			
DEWEY																																			
LAST CHANGE																																			
CROSS CUT																																			
ST. ANTHONY UNION																																			
FARMERS FRIEND																																			
TWIN GROVES																																			
SALEM UNION																																			
TOTAL ASHTON TO ST. ANTHONY																																			
EGIN																																			
ST. ANTHONY UNION FEEDER																																			
INDEPENDENT																																			
CONSOLIDATED FARMERS																																			
TOTAL ST. ANTHONY TO REXBURG																																			

CANAL	TETON RIVER CANALS																																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL			
SIDDOWAY																																			
WILFORD																																			
TETON IRRIGATION																																			
GOOD LUCK																																			
PIONEER																																			
STEWART																																			
PINCOCK - BYINGTON																																			
PINCOCK - GARNER																																			
GARDNER																																			
TETON ISLAND FEEDER																																			
NORTH SALEM																																			
ROXANA																																			
ISLAND WARD																																			
WOODMANSEE - JOHNSON																																			
EAMES - THOMPSON																																			
MC CORMICK - ROWE																																			
CITY OF REXBURG																																			
REXBURG IRRIGATION																																			
SAUREY - SOMMERS																																			
TOTAL TETON RIVER																																			



DAILY DISCHARGE IN SECOND-FOOT OF HENRYS FORK CANALS

JULY 1969

CANAL

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 TOTAL

FALL RIVER CANALS

YELLOWSTONE	1	2	2	2	2	3	3	3	6	17	21	21	8	6	15	10	8	3	7	16	19	15	19	25	28	27	22	22	18	360
MARYSVILLE	58	57	64	72	82	91	132	137	159	187	220	212	210	212	213	200	208	205	205	202	202	202	202	201	197	197	197	197	197	5,300
TOTAL ABOVE SQUIRREL	59	57	66	74	84	94	135	143	157	184	197	233	231	220	219	213	218	213	208	209	208	208	207	206	204	204	204	204	215	5,660
FARMERS OWN	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	2,413
ALMY	71	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	3,938
ENTERPRISE	208	206	208	210	212	213	215	218	220	222	224	226	228	230	232	234	236	238	240	242	244	246	248	250	252	254	256	258	260	8,483
BELL	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	55
FALL RIVER	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	1,499
MC BEE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	501
CHESTER	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1,195
SILKEY	8	20	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	10,261
CURR	417	421	430	432	441	511	543	573	628	625	641	643	652	655	692	678	588	598	602	630	638	622	622	622	622	622	622	622	622	10,261
TOTAL SQUIRREL TO CHESTER	417	421	430	432	441	511	543	573	628	625	641	643	652	655	692	678	588	598	602	630	638	622	622	622	622	622	622	622	622	10,261

HENRYS FORK CANALS

DEWEY	25	26	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	660
LAST CHANCE	71	71	72	109	107	107	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	2,763
CROSS CUT	63	60	63	66	73	130	127	133	127	130	132	131	131	132	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	4,771
ST. ANTHONY UNION	357	437	489	470	468	433	411	413	419	437	472	503	518	475	522	476	466	480	491	501	479	423	499	477	455	503	501	447	493	14,217
FARMERS FRIEND	40	40	53	52	74	110	114	121	133	140	152	167	168	165	145	129	118	106	99	101	86	88	0	101	82	70	70	59	55	2,956
TWIN GROVES	61	61	60	73	73	107	111	111	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	3,733
SALEM UNION	87	155	185	183	226	273	267	272	261	256	267	247	248	246	214	174	187	190	237	274	280	271	274	278	278	278	278	278	278	7,107
TOTAL ASHTON TO ST. ANTHONY	706	850	942	977	1025	1091	1162	1185	1183	1201	1280	1545	1613	1578	1587	1621	1596	1643	1657	1680	1703	1713	1713	1713	1713	1713	1713	1713	1713	40,927
EGIN	266	285	320	320	316	307	311	309	276	285	309	303	285	272	274	301	300	303	307	286	278	280	291	276	276	276	276	276	276	9,173
ST. ANTHONY UNION FEEDER	43	42	51	58	57	44	41	44	42	48	55	60	58	62	57	51	51	52	54	54	53	56	60	62	61	59	58	42	59	1,623
INDEPENDENT	124	285	278	272	270	269	258	240	254	281	283	302	316	305	302	254	252	248	262	296	277	287	281	310	271	271	270	270	270	8,547
CONSOLIDATED FARMERS	122	118	117	115	205	201	200	204	202	159	270	264	320	337	301	211	218	216	212	182	178	178	178	178	178	178	178	178	178	7,069
TOTAL ST. ANTHONY TO REXBURG	645	730	774	761	898	825	808	819	809	856	930	977	957	930	922	815	830	877	894	888	907	876	866	863	861	861	861	861	861	24,700

TETON RIVER CANALS

SIDDOWAY	4	4	7	7	9	9	10	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	350
WILFORD	68	74	72	87	111	163	160	168	182	176	168	167	190	188	189	153	130	124	106	100	103	103	103	103	103	103	103	103	103	3,887
TETON IRRIGATION	81	47	67	58	84	87	80	76	88	82	89	106	107	97	103	91	108	102	101	78	92	92	102	101	98	101	109	101	102	2,899
GOOD LUCK	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	432
PIONEER	0	20	0	20	18	17	16	28	22	19	18	17	22	14	15	0	27	15	14	13	28	14	14	13	15	15	17	13	13	495
STEWART	8	7	8	7	35	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	648
PINCOCK - BYINGTON	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	401
PINCOCK - GARNER	4	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	422
GARDNER	206	203	300	278	272	447	462	414	412	378	382	353	420	420	416	522	573	508	484	480	477	480	477	475	471	477	487	447	1,310	
TETON ISLAND FEEDER	18	17	13	24	21	19	19	16	16	15	12	5	4	12	15	11	0	0	5	33	24	24	28	23	21	25	26	28	23	10
NORTH SALEM	5	20	19	40	30	52	40	45	53	66	62	47	48	61	38	36	51	23	40	40	49	46	44	22	23	23	23	21	0	1,126
ROXANA	39	39	35	29	28	22	26	25	30	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	1,047
WOODMANSEE - JOHNSON	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0
EAMES - THOMPSON	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MC GORMICK - ROWE	48	49	46	37	37	36	31	35	35	22	16	22	23	22	25	20	19	18	14	15	15	15	15	15	15	15	15	15	15	7,745
CITY OF REXBURG	179	208	206	202	210	235	217	272	300	274	314	274	307	308	276	325	312	283	234	216	213	206	194	203	237	228	255	246	240	227
REXBURG IRRIGATION	7	10	18	18	16	12	8	11	10	14	0	21	25	31	42	42	44	35	35	29	32	27	25	23	33	38	41	35	40	809
SAUREY - SOMMERS	680	719	817	850	922	1153	1149	1219	1230	1212	1118	1122	1185	1291	1302	1345	1258	1156	1134	1153	1107	1142	1158	1152	1137	1148	1127	1080	1067	34,768
TOTAL TETON RIVER	680	719	817	850	922	1153	1149	1219	1230	1212	1118	1122	1185	1291	1302	1345	1258	1156	1134	1153	1107	1142	1158	1152	1137	1148	1127	1080	1067	24,700





DATE	HENRYS LAKE CONTENTS ACRE-FEET	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	STORED DIVERSIONS ABOVE ISLAND PARK	F.M. DIST. SHERIDAN CREEK RIGHT	STORED INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-FEET	HENRYS FORK NEAR ISLAND PARK			ISLAND PARK TO ASHTON		DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE
		STORED	NORMAL	TOTAL							STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL	
JULY 8	(89,500)	110	120	230	5	0	12	117	JULY 9	136,010	260	732	992	6	0	JULY 10	254	1,556	1,810	5
9		100	106	206	4	0	12	108	10	135,940	239	729	968	6	0	11	233	1,577	1,810	5
10		40	106	146	2	10	12	40	11	135,610	430	720	1,150	11	4	12	415	2,165	2,580	5
11		40	104	144	2	10	12	40	12	134,800	680	720	1,400	17	4	13	659	1,841	2,500	55
12		40	102	142	2	10	12	40	13	133,190	860	720	1,580	22	4	14	834	1,686	2,520	75
13		40	102	142	2	10	12	40	14	131,590	950	720	1,670	24	4	15	922	1,848	2,770	75
14		40	102	142	2	10	12	40	15	130,010	860	720	1,580	22	4	16	834	1,856	2,690	75
15	88,400	60	97	157	2	10	12	60	16	128,125	940	720	1,660	24	4	17	912	1,668	2,580	75
16		130	94	224	5	10	12	127	17	126,400	890	710	1,600	22	4	18	864	1,586	2,450	75
17		130	91	221	5	10	12	127	18	124,940	820	710	1,530	20	4	19	796	1,524	2,320	75
18		130	87	217	5	10	12	127	19	123,560	920	710	1,630	23	4	20	893	1,687	2,580	85
19		130	85	215	5	10	12	127	20	121,800	970	710	1,680	24	4	21	942	1,608	2,550	85
20		130	85	215	5	10	12	127	21	119,980	890	700	1,590	22	4	22	864	1,686	2,550	85
21		120	93	213	5	10	12	117	22	118,260	1,010	690	1,700	25	4	23	981	1,539	2,520	90
22		120	90	210	5	10	12	117	23	116,480	1,010	690	1,700	25	4	24	981	1,539	2,520	90
23		120	90	210	5	10	12	117	24	114,640	1,130	690	1,820	28	4	25	1,098	1,592	2,690	90
24		120	95	215	5	10	12	117	25	112,740	1,150	690	1,840	29	4	26	1,117	1,603	2,720	95
25		120	93	213	5	10	12	117	26	110,580	1,150	690	1,840	29	4	27	1,117	1,633	2,750	95
26		120	88	208	5	10	12	117	27	108,520	1,160	680	1,840	29	4	28	1,127	1,623	2,750	95
27	87,500	120	86	206	5	10	12	117	28	106,480	1,070	680	1,750	27	4	29	1,039	1,481	2,520	95
28		120	84	204	5	10	12	117	29	104,740	940	680	1,620	23	4	30	913	1,587	2,500	95
29		120	82	202	5	10	12	117	30	103,080	920	680	1,600	23	4	31	893	1,587	2,480	95
30		120	82	202	5	10	12	117	31	101,580	830	680	1,610	23	4	AUG 1	803	1,617	2,420	95
31		120	79	199	5	10	12	117	AUG 1	99,950	890	680	1,570	22	3	2	865	1,515	2,380	100
AUG 1		120	77	197	5	15	12	112	2	98,540	910	680	1,620	23	3	3	884	1,536	2,420	100
2		120	75	195	5	15	12	112	3	97,020	940	680	1,620	23	3	4	914	1,586	2,500	100
3		120	75	195	5	15	12	112	4	95,240	950	670	1,620	24	3	5	923	1,597	2,520	100
4		120	75	195	5	15	12	112	5	93,540	930	670	1,600	23	3	6	904	1,546	2,450	100
5		120	73	193	5	15	12	112	6	91,880	930	670	1,600	23	3	7	904	1,616	2,520	105
6		120	71	191	5	15	12	112	7	90,160	920	670	1,590	23	3	8	894	1,606	2,500	105
7		120	73	193	5	15	12	112	8	88,530	936	664	1,600	23	3	9	910	1,540	2,450	105
8		120	71	191	5	15	12	112	9	86,850	940	660	1,600	23	3	10	914	1,566	2,480	105
9		120	71	191	5	15	12	112	10	85,260	940	660	1,600	23	3	11	914	1,566	2,480	105
10	81,500	120	71	191	5	15	12	112	11	83,630	930	660	1,590	23	3	12	904	1,546	2,450	90
11		120	71	191	5	15	12	112	12	82,500	910	680	1,570	23	3	13	884	1,416	2,300	90
12		120	71	191	5	15	12	112	13	80,720	680	650	1,330	17	3	14	660	1,500	2,160	90
13		120	71	191	5	15	12	112	14	79,680	680	650	1,330	17	3	15	660	1,520	2,180	80
14		120	67	187	5	15	12	112	15	78,630	670	650	1,320	17	3	16	650	1,550	2,200	80
15		120	67	187	5	15	12	112	16	77,540	670	650	1,320	17	3	17	650	1,580	2,230	80
16		130	55	185	5	10	12	127	17	76,420	670	640	1,310	17	3	18	650	1,530	2,180	70
17		130	57	187	5	10	12	127	18	75,300	670	640	1,310	17	3	19	650	1,600	2,250	70
18		130	57	187	5	10	12	127	19	74,190	670	640	1,310	17	3	20	650	1,600	2,250	70

# HENRYS FORK - DAILY SEGREGATION OF FLOW 1969

24 HOUR SECOND- FEET EXCEPT AS NOTED

DATE	STORED DIVERSIONS	HENRYS FORK AT ST. ANTHONY			STORED DIVERSIONS ST. ANTHONY TO REXBURG		DATE	HENRYS FORK NEAR REXBURG		
	ASHTON TO ST. ANTHONY	STORED	NORMAL	TOTAL	HENRYS FORK	TETON RIVER		STORED	NORMAL	TOTAL
JULY 8	21	238	1,052	1,290	4	4	JULY 11	230	800	1,030
9	354	-116	1,256	1,140	15	15	12	-146	981	835
10	719	-299	1,409	1,110	18	417	13	-734	1,536	802
11	705	9	1,311	1,320	68	553	14	-612	1,612	1,000
12	608	301	1,099	1,400	82	551	15	-332	1,552	1,220
13	594	403	1,297	1,700	46	541	16	-184	1,654	1,470
14	566	343	1,317	1,660	0	605	17	-262	1,742	1,480
15	718	269	1,371	1,640	270	587	18	-588	2,028	1,440
16	742	197	1,353	1,550	264	505	19	-572	1,882	1,310
17	719	152	1,248	1,400	275	417	20	-540	1,800	1,260
18	735	243	1,317	1,560	314	389	21	-460	1,820	1,360
19	720	307	1,213	1,520	308	390	22	-391	1,721	1,330
20	760	189	1,251	1,440	305	408	23	-524	1,804	1,280
21	674	397	1,063	1,460	357	358	24	-318	1,558	1,240
22	754	317	1,083	1,400	353	392	25	-428	1,718	1,290
23	726	462	1,038	1,500	358	405	26	-301	1,741	1,440
24	716	496	1,104	1,600	333	417	27	-254	1,724	1,470
25	714	498	1,062	1,560	326	388	28	-216	1,696	1,480
26	672	550	1,060	1,610	326	402	29	-178	1,658	1,480
27	681	453	1,037	1,490	324	382	30	-253	1,633	1,380
28	641	367	1,053	1,420	320	357	31	-310	1,680	1,370
29	655	333	1,067	1,400	327	314	AUG 1	-308	1,738	1,430
30	706	192	1,198	1,390	279	286	2	-373	1,743	1,370
31	629	336	954	1,290	291	276	3	-231	1,581	1,350
AUG 1	719	265	1,075	1,340	296	278	4	-309	1,649	1,340
2	705	309	1,061	1,370	293	324	5	-308	1,628	1,320
3	729	294	1,046	1,340	300	252	6	-257	1,567	1,310
4	712	292	1,038	1,330	296	248	7	-252	1,592	1,340
5	734	275	1,185	1,460	300	107	8	-132	1,462	1,330
6	728	271	1,149	1,420	282	155	9	-166	1,456	1,290
7	728	287	1,083	1,370	254	169	10	-136	1,446	1,310
8	724	295	1,095	1,390	254	187	11	-146	1,526	1,380
9	709	310	1,150	1,460	230	196	12	-116	1,696	1,580
10	356	638	1,002	1,640	0	223	13	415	1,475	1,890
11	333	641	979	1,620	0	135	14	506	1,304	1,810
12	291	459	961	1,420	0	111	15	348	1,312	1,660
13	282	458	942	1,400	0	96	16	362	1,318	1,680
14	501	229	1,161	1,390	258	74	17	-103	1,813	1,710
15	505	225	1,165	1,390	242	77	18	-94	1,804	1,710
16	504	216	1,114	1,360	243	85	19	-112	1,782	1,670
17	501	219	1,201	1,420	210	75	20	-66	1,766	1,700
18	503	217	1,243	1,460	210	71	21	-64	1,734	1,670

DATE	HENRYS LAKE	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	STORED DIVERSIONS ABOVE ISLAND PARK	F.M. DIST. SHERIDAN CREEK RIGHT
	CONTENTS ACRE- FEET	STORED	NORMAL	TOTAL			
AUG 19		130	57	187	5	10	12
20		130	59	189	5	10	12
21		130	57	187	5	10	12
22	77,600	130	61	191	5	10	12
23	77,300	140	53	193	6	10	12
24		140	53	193	6	10	12
25		140	55	195	6	10	12
26		140	57	197	6	10	12
27		140	57	197	6	10	12
28		140	57	197	6	10	12
29		150	49	199	6	10	12
30		150	52	202	6	10	12
31		150	52	202	6	10	12
SEPT 1		150	54	204	6	10	12
2		160	46	206	6	10	12
3		160	46	206	6	10	12
4		160	48	208	6	10	12
5	72,300	110	40	150	4	10	12
6		0	40	40	0	10	12
7		0	40	40	0	10	12
8		0	41	41	0	10	12
9		0	42	42	0	0	12
10		-15	59	44	-1		12
11		-15	59	44	-1		12
12		-15	59	44	-1		12
13		-15	59	44	-1		12
14		-15	59	44	-1		12
15		-15	59	44	-1		12
16		-10	52	42	0		12
17		-10	52	42			12
18		-10	52	42			12
19		-10	52	42			12
20		-10	52	42			12
21		-10	51	41			12
22		-10	51	41			12
23	(72,500)	-5	46	41			12
		7,015			287	685	936

# FLOW 1969

FORK LAKE		STORED LOSS	STORED DIVERSIONS	F.M. DIST. SHERIDAN CREEK RIGHT	STORED INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE - FEET	HENRYS FORK NEAR ISLAND PARK			ISLAND PARK TO ASHTON		DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE	STORED DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			ST. ANTHONY	
NORMAL	TOTAL	LAKE TO ISLAND PARK	ABOVE ISLAND PARK					STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL	ST. ANTHONY	
57	187	5	10	12	127	AUG 20	73,260	510	640	1150	13	3	AUG 21	494	1406	1900	60	487	67	1253	1320		
59	189	5	10	12	127	21	72,660	390	630	1020	10	2	22	378	1522	1900	60	479	-41	1311	1270		
57	187	5	10	12	127	22	72,180	390	630	1020	10	2	23	378	1522	1900	60	479	-41	1301	1260		
61	191	5	10	12	127	23	71,700	400	630	1030	10	2	24	388	1552	1940	50	481	-43	1333	1290		
53	193	6	10	12	136	24	71,220	400	630	1030	10	2	25	388	1552	1940	50	487	-49	1309	1260		
53	193	6	10	12	136	25	70,740	410	620	1030	10	2	26	398	1572	1970	40	467	-29	1279	1250		
55	195	6	10	12	136	26	70,170	410	620	1030	10	1	27	399	1571	1970	40	716	-267	1497	1230		
57	197	6	10	12	136	27	69,700	420	620	1040	11	1	28	408	1582	1990	40	711	-263	1473	1210		
57	197	6	10	12	136	28	69,180	530	620	1150	13	1	29	516	1864	2380	40	713	-157	1497	1340		
57	197	6	10	12	136	29	68,100	690	620	1310	17	1	30	672	1728	2400	40	705	7	1433	1440		
49	199	6	10	12	146	30	67,090	690	620	1310	17	1	31	672	1708	2380	40	700	12	1418	1430		
52	202	6	10	12	146	31	66,040	690	620	1310	17	1	SEPT 1	672	1708	2380	30	694	8	1422	1430		
52	202	6	10	12	146	SEPT 1	64,960	670	630	1300	17	1	2	652	1728	2380	30	682	0	1460	1460		
54	204	6	10	12	146	2	63,900	670	630	1300	17	1	3	652	1768	2420	30	654	28	1492	1520		
46	206	6	10	12	156	3	62,860	540	630	1170	14	1	4	525	1515	2040	30	636	-81	1381	1300		
46	206	6	10	12	156	4	62,200	400	630	1030	10	1	5	389	1531	1920	30	583	-164	1394	1230		
48	208	6	10	12	156	5	61,680	390	630	1020	10	1	6	379	1541	1920	0	582	-203	1453	1250		
40	150	4	10	12	108	6	61,180	380	640	1020	10	1	7	369	1551	1920	0	333	36	1234	1270		
40	40	0	10	12	2	7	60,490	380	640	1020	10	1	8	369	1551	1920	0	328	41	1229	1270		
40	40	0	10	12	2	8	59,860	330	640	1020	10	1	9	369	1531	1900	0	324	45	1205	1250		
41	41	0	10	12	2	9	59,180	330	640	1020	10	1	10	369	1511	1880	0	335	34	1216	1250		
42	42	0	0	12	12	10	58,520	330	690	1020	8	0	11	322	1558	1880	0	335	-13	1263	1250		
59	44	-1		12	-2	11	57,900	320	690	1010	8		12	312	1568	1880	-2	337	-27	1277	1250		
59	44	-1		12	-2	12	57,160	320	690	1010	8		13	312	1588	1900	-2	335	-25	1275	1250		
59	44	-1		12	-2	13	56,520	320	690	1010	8		14	312	1608	1920	-2	334	-24	1284	1260		
59	44	-1		12	-2	14	55,880	320	690	1010	8		15	312	1568	1880	-2	331	-21	1281	1260		
59	44	-1		12	-2	15	55,130	310	690	1000	8		16	302	1578	1880	-2	336	-36	1266	1230		
59	44	-1		12	-2	16	54,380	252	680	932	6		17	246	1474	1720	-4	344	-102	1312	1210		
52	42	0		12	2	17	54,060	126	680	806	3		18	123	1497	1620	-4	330	-211	1321	1110		
52	42			12	2	18	53,770	126	680	806	3		19	123	1597	1720	-4	326	-207	1417	1210		
52	42			12	2	19	53,570	136	670	806	3		20	133	1617	1750	-4	329	-200	1870	1370		
52	42			12	2	20	53,200	136	670	806	3		21	133	1567	1700	-4	210	-81	1441	1360		
52	42			12	2	21	53,120	124	670	794	3		22	121	1579	1700	-3	191	-73	1553	1480		
51	41			12	2	22	53,000	118	660	778	3		23	115	1495	1600	-3	184	-72	1492	1420		
51	41			12	2	23	52,920	19	660	679	1		24	18	1482	1500	-3	180	-165	1505	1340		
46	41			12	7	24	52,840	14	660	674	0		25	14	1486	1500	-3	0	11	1341	1330		
		287	685	936	6,979			49,006			1,228	169		47,609			4,088	41,472	10,225				



M. DIST.	STORIED INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE- FEET	HENRYS FORK NEAR ISLAND PARK			ISLAND PARK TO ASHTON		DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE	STORIED DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			STORIED DIVERSIONS ST. ANTHONY TO REXBURG		DATE	HENRYS FORK NEAR REXBURG		
				STORIED	NORMAL	TOTAL	STORIED LOSS	STORIED DIVERSIONS		STORIED	NORMAL	TOTAL			STORIED	NORMAL	TOTAL	HENRYS FORK	TETON RIVER		STORIED	NORMAL	TOTAL
12	127	AUG 20	73,260	510	640	1150	13	3	AUG 21	494	1406	1900	60	487	67	1253	1320	210	59	AUG 22	-202	1632	1430
12	127	21	72,660	390	630	1020	10	2	22	378	1522	1900	60	479	-41	1311	1270	208	66	23	-315	1705	1390
12	127	22	72,180	390	630	1020	10	2	23	378	1522	1900	60	479	-41	1301	1260	208	59	24	-308	1628	1320
12	127	23	71,700	400	630	1030	10	2	24	388	1552	1940	50	481	-43	1333	1290	212	68	25	-323	1633	1310
12	136	24	71,220	400	630	1030	10	2	25	388	1552	1940	50	487	-49	1309	1260	208	98	26	-355	1605	1250
12	136	25	70,740	410	620	1030	10	2	26	398	1572	1970	40	467	-29	1279	1250	216	85	27	-330	1570	1240
12	136	26	70,170	410	620	1030	10	1	27	399	1571	1970	40	716	-267	1497	1230	332	107	28	-706	1946	1240
12	136	27	69,700	420	620	1040	11	1	28	408	1582	1990	40	711	-263	1473	1210	308	98	29	-669	1939	1270
12	136	28	69,180	530	620	1150	13	1	29	516	1864	2380	40	713	-157	1497	1340	300	95	30	-552	1982	1430
12	136	29	68,100	690	620	1310	17	1	30	672	1728	2400	40	705	7	1433	1440	293	84	31	-370	1800	1430
12	146	30	67,090	690	620	1310	17	1	31	672	1708	2380	40	700	12	1418	1430	292	95	SEPT 1	-375	1785	1410
12	146	31	66,040	690	620	1310	17	1	SEPT 1	672	1708	2380	30	694	8	1422	1430	290	77	2	-359	1779	1420
12	146	SEPT 1	64,960	670	630	1300	17	1	2	652	1728	2380	30	682	0	1460	1460	289	81	3	-370	1820	1450
12	146	2	63,900	670	630	1300	17	1	3	652	1768	2420	30	654	28	1492	1520	289	76	4	-337	1777	1440
12	156	3	62,860	540	630	1170	14	1	4	525	1515	2040	30	636	-81	1381	1300	285	74	5	-440	1740	1300
12	156	4	62,200	400	630	1030	10	1	5	389	1531	1920	30	583	-164	1394	1230	271	77	6	-512	1792	1280
12	156	5	61,680	390	630	1020	10	1	6	379	1541	1920	0	582	-203	1453	1250	271	69	7	-543	1773	1260
12	108	6	61,180	380	640	1020	10	1	7	369	1551	1920	0	333	36	1234	1270	189	65	8	-218	1478	1260
12	2	7	60,490	380	640	1020	10	1	8	369	1551	1920	0	328	41	1229	1270	185	71	9	-215	1465	1250
12	2	8	59,860	330	640	1020	10	1	9	369	1531	1900	0	324	45	1205	1250	185	60	10	-200	1450	1250
12	2	9	59,180	330	640	1020	10	1	10	369	1511	1880	0	335	34	1216	1250	189	92	11	-247	1527	1280
12	12	10	58,520	330	690	1020	8	0	11	322	1558	1880	0	335	-13	1263	1250	185	110	12	-308	1628	1320
12	-2	11	57,900	320	690	1010	8		12	312	1568	1880	-2	337	-27	1277	1250	185	121	13	-333	1673	1340
12	-2	12	57,160	320	690	1010	8		13	312	1588	1900	-2	335	-25	1275	1250	189	120	14	-334	1694	1360
12	-2	13	56,520	320	690	1010	8		14	312	1608	1920	-2	334	-24	1284	1260	189	118	15	-331	1721	1390
12	-2	14	55,880	320	690	1010	8		15	312	1568	1880	-2	331	-21	1281	1260	189	82	16	-292	1742	1450
12	-2	15	55,130	310	690	1000	8		16	302	1578	1880	-2	336	-36	1266	1230	171	69	17	-276	1776	1500
12	-2	16	54,380	252	680	932	6		17	246	1474	1720	-4	344	-102	1312	1210	171	59	18	-332	1742	1410
12	2	17	54,060	126	680	806	3		18	123	1497	1620	-4	330	-211	1321	1110	148	59	19	-418	1828	1410
12	2	18	53,770	126	680	806	3		19	123	1597	1720	-4	326	-207	1417	1210	152	63	20	-422	2072	1650
12	2	19	53,570	136	670	806	3		20	133	1617	1750	-4	329	-200	1570	1370	155	49	21	-404	2194	1790
12	2	20	53,200	136	670	806	3		21	133	1567	1700	-4	210	-81	1441	1360	0	64	22	-145	2085	1940
12	2	21	53,120	124	670	794	3		22	121	1579	1700	-3	191	-73	1553	1480		60	23	-133	2073	1940
12	2	22	53,000	118	660	778	3		23	115	1495	1600	-3	184	-72	1492	1420		43	24	-115	1965	1850
12	2	23	52,920	19	660	679	1		24	18	1482	1500	-3	180	-165	1505	1340		21	25	-186	2006	1820
12	7	24	52,840	14	660	674	0		25	14	1486	1500	-3	0		1341	1330		0	26	11	1809	1820
936	6,979			49,006			1,228	169		47,609			4,088	41,472		10,225		16,195	14,915		-20,885		





# D FALL RIVER 1969

SEPTEMBER																														NO.	TOTAL		RES FREMONT MADISON	
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		SECOND- FEET	ACRE - FEET		
10	10	10	10	10	10	10	10	10																						1	685	1,370	1	
1	1	1	1	1	1	1	1	1																						2	169	335		
3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	0							3	212	421	3	
6	6	6	6	6	6	6	4	4	2	2	2	1	1	1	1	1	1	1	0											4	417	827	4	
18	18	7	7	7	7	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0							5	883	1,751	1,4	
5	0																0	4	5	0										6	301	597		
8	7	7	8	7	7	7	4	4	4	4	4	4	3	3	3	3	2	2	3	5	6	4	3	0						7	588	1,166		
4	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	0										8	693	1,375	1,	
103	103	103	102	66	66	65	64	64	77	77	77	78	78	77	95	95	95	95	98	0										9	8,882	17,617	19,5	
40	40	40	40	40	41	36	36	35	39	39	39	39	39	36	23	23	23	23	23	0										10	3,442	6,827	8,	
1	1	1	1	1	0																									11	32	63		
114	110	112	112	114	112	114	114	112	112	112	114	112	112	114	114	114	114	114	125	111	109	108	0							12	9,700	19,240	10,	
																														13	55	109		
5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	0										14	307	609	8,	
																															15	810	1,607	1,
0	0	5	5	0																										16	0	0		
26	26	26	26	23	24	24	24	24	24	24	24	24	24	23	23	22	19	12	12	12	6	6	5	0						17	27	54		
68	68	68	45	45	45	35	35	35	35	35	35	35	35	35	35	36	33	33	33	33	34	34	34	0						18	1,698	3,368	6	
																															19	4,935	9,788	1,8
45	46	33	34	32	32	33	33	33	32	32	32	32	32	32	40	33	32	32	33	32	29	29	0							20	1,036	2,055	3,3	
96	98	87	86	86	86	0																								21	4,378	8,684	5,6	
152	149	149	154	146	146	0																								22	1,056	2,095	5,	
																															23	1,981	3,929	7,
694	682	654	636	583	582	333	328	324	335	335	337	335	334	331	336	344	330	326	329	210	191	184	180							24	41,433	82,182	78,	
																															25	21	42	23
230	230	230	230	218	218	189	185	185	189	185	185	189	189	189	171	171	148	152	155	0										26	14,432	28,625	9,2	
60	59	59	55	53	53	0																								27	1,750	3,471	5,0	
																															28	0	0	
290	289	289	285	271	271	189	185	185	189	185	185	189	189	189	171	171	148	152	155	0										29	16,203	32,138	16,7	

(2) RENTED FROM FREMONT MADISON

(3) FROM FALL RIVER CANAL TO FARMERS FRIEND

(4) FROM MARYSVILLE TO D. POTTER

(6) JACKSON LAKE 5,883; AMERICAN FALLS 10,188





# STORAGE DIVERSIONS FROM TETON RIVER 1969

24 HOUR SECOND-FEET EXCEPT AS NOTED

AUGUST																																																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12										
38	37	37	36	36	35	34	33	32	31	49	41	37	31	0	0	31	22	21	21	21	23	24	23	23	24	21	33	32	32	38	39	38	38	39	40	41	40	40	39	39	38	38										
4	4	0																													10	10	10	10	11	11	0															
15	15	14	12	10	8	7	6	5	4	4	3	3	3	3	0																																					
1	1	1	1	1	1	1	1	1	0	0	1	1	1	0																																						
3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
62	61	56	53	51	48	46	44	42	39	57	61	57	50	17	15	46	36	35	35	35	39	40	28	28	27	25	37	36	36	42	43	42	42	41	42	43	42	42	41	41	40	40										
39	38	38	34	33	31	30	28	27	26	24	35	38	35	31	10	9	28	22	22	22	22	24	25	17	17	17	15	23	22	22	26	26	26	26	25	26	26	26	26	26	25	25										
15	15	14	14	14	14	14	13	12	11	11	11	11	11	11	11	9	9	10	10	10	10	11	11	11	9	10	10	9	9	9	9	8	8	8	8	8	8	8	8	7	7	8	8									
10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6									
64	63	62	58	57	53	52	49	47	45	43	54	57	54	50	29	26	45	39	39	39	39	42	43	35	33	33	31	38	37	37	41	40	40	40	39	40	40	40	37	36	37	37										
290	285	279	290	272	267	165	132	206	215	215	216	242	232	217	226	230	248	229	223	41	48	10	18	21	31	37	30	104	100	99	99	99	99	100	104	104	105	103	105	188	180	180										
84	129	133	105	105	100	88	60	84	73	78	153	196	225	200	250	245	250	215	230	180	165	130	130	95	65	70	80	80	73	103	38	33	35	50	50	40	60	50	30	30	30	75										
33	33	36	30	39	33	26	33	39	25	19	19	18	9	6	7	0		0	1	6	1	8	12	7	8	5	5	2	6	0									0	10	0	0										
12	13	13	0	7	6	3	2	3	3	2	2	5	4	2	2	2	0	1	0								0	5	0	0	0	7	0	0	4	0	0	4	0	1	3	3										
4	4	4	0					0	2	0						0	4	0																					0	3	0											
2	7	7	7	6	7	5	3	6	6	7	8	13	12	0	0	1	14	13	15	11	9	8	9	8	8	10	8	10	10	9	7	8	8	8	6	7	7	6	6	8	12	12										
7	7	3	3	3	3	0		0	3	4	4	5	2	2	2	2	3	1	3	0	3	2	2	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	1	0												
3	3	2	3	2	0					0	2	2	1	3	2	2	2	1	1	0																																
39	40	40	42	33	33	0																																														
			0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0													
										0	2	0				0	2	0																																		
				0	1	1	0		0	1	0							0	1	1	0																															
11	8	14	10	5	5	3	0		0	1	3	3	0	4	4	10	9	7	4	0																																
		0	33	31	31	0	49	34	44	51	25	27	29	28	27	31	7	11	7	7	7	5	5	42	35	41	45	26	24	30	25	23	24	22	22	17	14	14	14	14	23	23										
111	98	97	138	66	75	17	18	39	57	69	103	4	0													0	14	8	10	10	13																					
222	213	216	266	194	195	55	106	122	142	153	169	78	57	46	45	51	40	36	32	20	27	17	25	63	52	74	67	57	47	58	36	41	36	34	38	29	25	31	23	56	73	84										
286	276	278	324	251	248	107	155	169	187	196	223	135	111	96	74	77	85	75	71	59	66	59	68	98	85	107	98	95	84	95	77	81	76	74	77	69	65	71	60	92	110	121										

(1) L  
(2) FI

# N RIVER 1969

SEPTEMBER																														NO.	TOTAL		RESER FREMONT MADISON	
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		SECOND- FEET	ACRE- FEET		
39	38	38	39	40	41	40	40	39	39	38	38	38	37	37	36	34	34	12	32	30	28	0								1	2,268	4,499	3,19	
																														2	158	313	1,60	
10	10	10	10	11	11	0																							3	130	258	83		
																														4	362	718	63	
																														5	136	270	18	
2	2	2	2	0																									6	166	329	29		
2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0													7	178	353	161		
2	43	42	42	41	42	43	42	42	41	41	40	40	40	38	38	36	34	34	12	32	30	28	0						8	3,398	6,740	6,916		
2	26	26	26	26	25	26	26	26	26	25	25	25	25	25	23	23	22	21	21	7	20	18	17	0					9	2,091	4,147			
9	9	8	8	8	8	8	8	8	7	7	8	8	8	8	7	7	7	7	7	9	9	9	8	8	0				10	1,006	1,995	1,59		
5	6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	3	2	1	1	0				11	611	1,212	70		
7	41	40	40	40	39	40	40	40	37	36	37	37	37	37	34	34	33	32	32	20	32	29	26	9	0				12	3,708	7,355	9,20		
9	99	99	99	100	104	104	105	103	105	188	180	180	181	181	192	188	123	119	122	122	124	129	25	18	17	17	17	17	16	13				
3	38	33	35	50	50	40	60	50	30	30	30	75	80	85	145	140	90	80	73	120	215	315	295	280	265	265	240	208	241	241	14			
																														15	0	0	50	
																														16	0	0	1,4	
6	0								0	10	0	0	17	11	6	6	0	0	1	7	11	11	2	0					17	1,626	3,225	2,9		
	0	7	0	0	4	0	0	4	0	1	3	3	3	0	3	2	3	3	3	3	0									18	310	615	3	
									0	3	0																			19	129	256	1	
9	7	8	8	8	6	7	7	6	6	8	12	12	11	11	12	5	4	5	5	5	7	6	4	3	0				20	644	1,277	4		
0	1	0	1	0	0	1	0																							21	233	462	2	
																														22	161	319	5	
																														23	2,138	4,241	9,3	
0	1	1	1	1	1	1	1	0																						24	36	71		
																														25	29	58	1	
																														26	85	169	7	
																														27	32	63		
																														28	362	718	1,5	
0	25	23	24	22	22	17	14	14	14	14	23	23	5	5	1	0													29	1,664	3,300	3,6		
3							0	4	0	17	32	43	43	51	24	21	18	18	21	13	13	13	10	8	0				30	3,735	7,408	4,6		
	2	2	2	3	2	3	3	3	3	3	3	3	4	3	2	1	1	1	1	1	1	1	1	1	0				31	51	101	1		
																														32	0	0		
8	36	41	36	34	38	29	25	31	23	56	73	84	83	81	48	35	26	27	31	29	32	31	17	12	0				33	11,235	22,285	26,9		
5	77	81	76	74	77	69	65	71	60	92	110	121	120	118	82	69	59	59	63	49	64	60	43	21	0				34	14,943	29,639	36,1		

(1) LINE 8 DIVIDED BY 1.625 AND LISTED ONE DAY LATER

(2) FROM PALISADES WATERUSERS, INC.

(3) RENTED FROM WATER DISTRICT

(4) RENTED FROM FREMONT MADISON



# RIVER 1969

## SEPTEMBER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	NO.	TOTAL		RESERVOIR ALLOTMENT IN ACRE-FEET				
																															SECOND- FEET	ACRE- FEET	FREMONT MADISON	OTHER RIGHTS	RENTALS	TOTAL	HEADGATE EQUIVALENT
9	38	38	39	40	41	40	40	39	39	38	38	38	37	37	36	34	34	12	32	30	28	0								1	2,268	4,499	3,194			3,194	5,059
0	10	10	10	11	11	0																								2	158	313	1,608			1,608	2,547
																														3	130	258	837			837	1,326
																														4	362	718	631			631	1,000
2	2	2	0																										5	136	270	181			181	287	
2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0														6	166	329	297			297	470	
2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0														7	178	353	168	(2) 123		291	461	
3	42	42	41	42	43	42	42	41	41	40	40	40	38	38	36	34	34	12	32	30	28	0							8	3,398	6,740	6,916	123		7,039		
6	26	26	26	25	26	26	26	26	25	25	25	25	25	23	23	22	21	21	7	20	18	17	0					9	2,091	4,147							
9	8	8	8	8	8	8	8	7	7	8	8	8	8	7	7	7	7	7	9	9	9	8	8	0					10	1,006	1,995	1,590		(4) 690	2,280	1,995	
6	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	3	2	1	1	0					11	611	1,212	700	(2) 1,348	(4) 148	2,196	1,922	
1	40	40	40	39	40	40	40	37	36	37	37	37	37	34	34	33	32	32	20	32	29	26	9	0					12	3,708	7,355	9,206	1,471	838	11,515		
9	99	99	100	104	104	105	103	105	188	180	180	181	181	192	188	123	119	122	122	124	129	25	18	17	17	17	17	16	13								
18	33	35	50	50	40	60	50	30	30	30	75	80	85	145	140	90	80	73	120	215	315	295	280	265	265	240	208	241	241	14							
																														15	0	0	503			503	440
0								0	10	0	0	17	11	6	6	0	0	1	7	11	11	2	0						16	0	0	1,442			1,442	1,262	
0	7	0	0	4	0	0	4	0	1	3	3	3	0	3	2	3	3	3	3	0									17	1,626	3,225	2,949		(4) 737	3,686	3,225	
								0	3	0																				18	310	615	367		(4) 336	703	615
7	8	8	8	6	7	7	6	6	8	12	12	11	11	12	5	4	5	5	5	7	6	4	3	0					19	129	256	144		(4) 149	293	256	
1	0	1	0	0	1	0																							20	644	1,277	479		(4) 983	1,462	1,277	
																														21	233	462	285		(4) 244	529	462
																														22	161	319	504			504	441
																														23	2,138	4,241	9,378	(5) -2,513		6,865	6,007
1	1	1	1	1	1	1	0																						24	36	71	80			80	70	
			0	3	0																									25	29	58	120			120	105
																														26	85	169	754			754	660
																														27	32	63	80			80	70
																														28	362	718	1,539			1,539	1,348
5	23	24	22	22	17	14	14	14	14	23	23	5	5	1	0														29	1,664	3,300	3,603		(4) 168	3,771	3,300	
					0	4	0	17	32	43	43	51	24	21	18	18	21	13	13	13	10	8	0						30	3,735	7,408	4,642	(6) 3,824		8,466	7,408	
2	2	2	3	2	3	3	3	3	3	3	3	4	3	2	1	1	1	1	1	1	1	1	1	0					31	51	101	103		(4) 12	115	101	
																														32	0	0	0			0	0
6	41	36	34	38	29	25	31	23	56	73	84	83	81	48	35	26	27	31	29	32	31	17	12	0					33	11,235	22,285	26,972	1,311	2,629	30,912	27,047	
7	81	76	74	77	69	65	71	60	92	110	121	120	118	82	69	59	59	63	49	64	60	43	21	0					34	14,943	29,639	36,178	2,782	3,467	42,427		

(1) LINE 8 DIVIDED BY 1.625 AND LISTED ONE DAY LATER

(2) FROM PALISADES WATERUSERS, INC.

(3) RENTED FROM WATER DISTRICT 36

(4) RENTED FROM FREMONT MADISON

(5) RENTED TO REXBURG IRRIGATION

(6) REXBURG IRRIG. & CITY OF REXBURG TREATED AS SINGLE CANAL

# OPERATION OF CROSS CUT CANAL DURING 1969

24 HOUR SECOND - FEET

LOCATION	MAY																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DIVERTED AT HEAD						0	22	44	66	68	72	96	100	118	135	132	131	134	138	138	137	129	122	118	114	122	128	125	124	129	136	2,778
INFLOW FROM FALL RIVER CANAL	195	224	254	262	271	76	76	86	97	100	102	107	112	110	109	110	112	119	126	125	124	126	127	132	136	140	144	147	150	144	137	4,280
NORTH BRANCH DIVERSION	15	16	17	24	30	46	54	62	69	72	76	82	88	90	93	94	96	100	104	104	103	104	106	106	108	109	114	119	118	118	2,543	
MIDDLE BRANCH DIVERSION	0	12	23	22	22	22	41	66	92	94	96	119	122	114	106	102	99	109	119	117	115	115	114	113	122	131	126	122	123	124	2,817	
BELOW FALL RIVER CANAL DIVERSIONS	0	2	3	3	3	3	3	2	2	2	2	2	2	24	45	46	48	44	41	42	43	36	28	30	31	32	32	32	33	32	31	679
CROSS CUT AT END																					0	28	30	32	31	30	40	49	32	11	23	306

LOCATION	JUNE																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
DIVERTED AT HEAD	131	125	192	257	297	338	345	353	253	150	143	135	132	129	136	141	269	156	164	160	172	161	148	161	164	85	73	73	67	63	5,173	
INFLOW FROM FALL RIVER CANAL	137	136	137	139	138	138	134	130	130	130	128	127	125	123	115	108	115	117	119	126	138	130	123	108	102	91	92	91	94	96	3,617	
NORTH BRANCH DIVERSION	118	118	119	120	120	121	120	120	117	113	113	112	110	108	108	108	116	109	114	113	115	100	84	72	71	63	62	61	60	60	3,045	
MIDDLE BRANCH DIVERSION	114	103	110	117	119	122	117	111	108	103	77	52	52	53	52	51	68	86	96	104	109	105	101	78	67	56	53	52	53	54	2,543	
BELOW FALL RIVER CANAL DIVERSION	36	40	100	159	196	233	242	252	158	64	81	98	95	91	91	90	200	78	73	69	86	86	86	119	128	57	50	51	48	45	3,202	
CROSS CUT AT END	33	26	21	99	177	193	209	219	229	140	51	74	97	90	86	84	80	88	70	61	75	78	75	79	111	52	49	48	45	45	2,784	

LOCATION	JULY																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DIVERTED AT HEAD	63	60	63	66	73	130	127	133	129	130	132	321	381	392	393	360	354	343	330	342	347	379	361	377	374	385	389	398	388	385	386	8,491
INFLOW FROM FALL RIVER CANAL	106	108	106	106	105	124	119	116	130	124	110	108	130	124	133	156	155	129	129	154	154	159	156	156	159	159	147	141	144	148	146	4,141
NORTH BRANCH DIVERSION	62	60	76	74	81	96	94	94	96	96	97	108	104	104	103	104	106	103	104	108	108	115	107	104	107	112	111	112	112	109	108	3,075
MIDDLE BRANCH DIVERSION	54	54	56	57	56	85	85	85	98	102	115	131	122	128	129	128	126	124	126	133	120	126	111	111	98	93	91	91	98	100	98	3,131
BELOW FALL RIVER CANAL DIVERSIONS	53	54	37	41	41	73	67	70	65	56	30	190	285	284	294	284	277	245	229	255	273	297	299	318	328	339	334	336	322	324	326	6,426
CROSS CUT AT END	45	50	46	37	14	50	43	46	39	38	27	39	258	255	267	261	255	235	212	216	247	266	275	295	299	295	301	290	288	283	285	5,557

LOCATION	AUGUST																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DIVERTED AT HEAD	380	386	398	397	397	390	224	287	288	295	293	302	310	297	297	306	303	302	299	301	161	136	93	89	89	94	88	85	162	176	170	7,795
INFLOW FROM FALL RIVER CANAL	148	143	137	140	120	136	144	147	147	148	146	143	141	141	144	143	140	140	138	127	127	124	123	123	123	126	126	126	119	122	122	4,174
NORTH BRANCH DIVERSION	106	107	107	110	108	97	97	101	93	93	95	93	95	92	94	94	94	92	92	93	92	90	89	88	88	91	92	90	91	91	91	2,946
MIDDLE BRANCH DIVERSION	96	96	102	87	83	103	116	110	109	109	103	83	87	94	95	92	74	89	93	91	95	102	91	91	92	81	73	83	85	86	84	2,875
BELOW FALL RIVER CANAL DIVERSIONS	326	326	326	340	326	326	155	223	233	241	241	269	269	252	252	263	275	261	252	244	101	68	36	33	32	48	49	38	105	121	117	6,148
CROSS CUT AT END	290	285	279	290	272	267	165	132	206	215	215	216	242	232	217	226	230	248	229	223	41	48	10	18	21	31	37	30	104	100	99	5,218

LOCATION	SEPTEMBER																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
DIVERTED AT HEAD	175	166	165	168	164	170	159	165	163	227	228	221	224	222	227	226	151	144	139	135	144	148	102	52	50	48	50	46	45	44	4,368	
INFLOW FROM FALL RIVER CANAL	119	122	120	126	129	126	129	123	123	120	119	124	122	124	124	123	123	122	122	126	126	119	108	108	108	107	108	108	108	108	3,574	
NORTH BRANCH DIVERSION	92	90	88	89	89	88	87	87	87	92	84	82	82	82	82	84	76	76	74	74	74	68	63	73	73	72	72	73	73	72	2,398	
MIDDLE BRANCH DIVERSION	83	81	80	82	79	80	78	78	78	85	75	75	76	76	67	68	61	61	61	61	61	53	45	51	50	50	53	50	49	49	1,996	
BELOW FALL RIVER CANAL DIVERSIONS	119	117	117	123	125	128	123	123	121	170	188	188	188	188	202	197	137	129	126	126	135	146	102	36	35	33	33	31	31	31	3,548	
CROSS CUT AT END	99	99	99	100	104	104	105	103	105	188	180	180	181	181	192	188	123	119	122	122	124	129	25	18	17	17	17	17	16	3,091		

SEASON LOSS = 3,047 ÷ 20,003 = 15.2 %

TOTAL INTO TETON RIVER FOR SEASON = 16,956 S.F. = 33,632 A.F.









Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	767	110	404	404	426	404	394	3,130	1,430	2,800	2,680	2,680
2	685	390	404	404	426	404	394	3,130	1,440	2,800	2,810	2,660
3	580	390	404	408	426	404	399	3,120	1,440	2,810	2,810	2,650
4	422	390	399	408	426	404	399	3,130	1,500	2,770	2,800	2,640
5	341	394	394	408	420	404	399	3,120	1,140	2,440	2,780	2,640
6	248	404	394	412	420	399	399	3,110	930	2,100	2,780	2,630
7	136	404	394	412	420	399	720	3,110	937	1,970	2,770	2,620
8	41	404	399	417	420	399	1,240	2,280	944	2,040	2,770	2,610
9	9	404	399	422	417	399	1,740	1,820	1,220	2,200	2,760	2,610
10	8	404	404	422	417	399	2,260	2,990	1,650	2,190	2,750	2,600
11	8	404	404	422	412	404	2,500	3,000	1,990	2,190	2,760	2,580
12	9	404	399	422	412	399	2,490	3,000	2,200	2,190	2,760	2,580
13	10	404	399	422	408	399	2,490	3,020	3,400	2,180	2,760	2,570
14	12	404	404	422	408	399	2,490	3,040	3,400	2,370	2,750	2,570
15	11	399	404	422	408	399	2,510	3,040	2,680	2,650	2,750	2,560
16	8	404	404	422	408	399	2,540	2,630	2,520	2,650	2,750	2,550
17	8	399	404	422	408	399	2,560	2,430	2,520	2,620	2,740	2,550
18	8	404	404	422	408	399	2,630	2,440	2,520	2,620	2,740	2,540
19	8	404	404	422	408	399	2,630	2,450	2,640	2,610	2,740	2,530
20	7	399	404	422	408	399	2,640	2,460	2,680	2,600	2,720	2,530
21	8	404	404	426	404	399	2,680	2,390	3,750	2,600	2,720	2,530
22	8	404	404	426	404	399	2,780	2,250	4,360	2,600	2,720	2,520
23	8	404	404	426	404	399	3,110	2,200	3,520	2,580	2,720	2,520
24	8	404	404	431	404	399	3,100	2,220	3,430	2,580	2,720	2,510
25	9	404	404	431	404	394	3,100	2,220	3,930	2,580	2,720	2,500
26	8	404	404	431	404	394	3,080	2,230	4,100	2,580	2,710	2,250
27	9	404	404	431	404	394	3,080	2,240	2,940	2,580	2,710	1,870
28	10	404	404	431	404	394	3,100	2,070	3,040	2,570	2,710	1,660
29	10	404	404	431	404	394	3,120	1,810	2,930	2,580	2,700	1,490
30	10	404	404	431	404	394	3,130	1,500	2,810	2,570	2,700	1,150
31	10	404	404	431	404	394	1,480	1,480		2,560	2,690	

MEAN	110	392	402	421	412	399	2,137	2,550	2,466	2,490	2,742	2,430
ACRE- FEET	6,790	23,320	24,730	25,910	22,890	24,520	127,100	156,800	146,800	153,100	168,600	144,600

Plate No. 26

U. S. GOVERNMENT PRINTING OFFICE 10-30000-1  
 SNAKE RIVER NEAR MORAN, WYO.  
 YEAR 1916  
 OF 1  
 PERIOD MEAN 1,416  
 ACRES-FEET 1,025,000

BUFFALO FORK ABOVE LAVA CREEK NEAR MORAN, WYO.

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	342	226	178	125	83	96	143	399	1,710	1,060	421	240
2	347	223	175	130	83	95	145	378	1,610	1,160	398	237
3	338	245	175	130	83	94	150	441	1,700	1,440	385	237
4	317	245	175	120	83	94	155	530	2,010	1,400	376	231
5	310	239	180	110	83	93	160	644	2,480	1,240	372	228
6	302	223	185	115	83	92	165	878	2,710	1,210	358	228
7	298	223	185	115	83	92	170	1,120	3,030	1,230	341	224
8	272	205	180	100	83	91	175	1,290	3,190	1,020	328	221
9	276	235	182	105	87	91	186	1,320	2,510	1,010	316	221
10	306	225	185	110	90	90	211	1,500	2,310	1,000	312	218
11	283	240	185	110	92	89	240	1,670	1,930	1,050	312	224
12	283	240	180	105	95	88	240	1,750	1,680	1,070	398	234
13	283	230	170	95	96	88	272	1,900	1,750	1,080	385	228
14	317	215	170	90	93	88	281	1,840	1,450	1,030	328	224
15	317	210	180	85	93	88	291	1,870	1,330	1,050	308	218
16	290	205	185	88	97	90	259	1,610	1,280	981	304	215
17	258	195	170	90	100	95	259	1,680	1,160	948	297	215
18	272	190	160	92	100	100	284	1,920	1,280	824	297	215
19	298	192	153	94	100	105	281	2,180	1,510	800	293	221
20	269	193	145	95	100	107	291	2,290	1,540	758	289	260
21	283	195	140	93	100	108	318	2,270	1,840	701	289	297
22	258	195	145	90	100	110	427	2,130	1,670	662	281	274
23	272	196	155	88	100	112	541	2,280	1,350	621	278	240
24	258	197	160	85	100	113	704	2,460	1,310	580	268	234
25	252	198	160	85	100	114	552	2,640	1,370	550	260	237
26	255	197	160	88	100	115	450	2,720	1,300	545	254	228
27	236	193	155	84	100	117	395	2,990	1,160	511	260	224
28	242	190	150	82	100	120	395	2,970	1,210	477	257	218
29	249	185	135	82		125	450	2,520	1,080	463	250	218
30	245	180	125	82		133	446	2,450	1,050	449	247	218
31	242		120	82		140		2,180		435	244	

MEAN	283	211	165	98.2	93.1	102	301	1,768	1,717	882	313	231
ACRE- FEET	17,400	12,550	10,120	6,040	5,170	6,290	17,920	108,700	102,200	54,260	19,250	13,740



Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2,850	1,740	1,790	1,620	1,520	1,450	1,870	8,090	10,800	7,430	5,170	4,130
2	2,720	1,720	1,800	1,640	1,520	1,440	2,020	7,500	9,800	7,300	5,260	4,110
3	2,620	1,970	1,820	1,640	1,530	1,440	2,120	8,010	9,490	7,540	5,240	4,110
4	2,590	2,180	1,790	1,640	1,530	1,440	2,120	8,800	9,690	7,810	5,240	4,070
5	2,490	2,130	1,850	1,630	1,530	1,440	2,260	10,000	10,600	7,650	5,120	4,000
6	2,360	2,070	1,790	1,620	1,530	1,450	2,430	10,800	11,000	6,970	4,950	3,980
7	2,250	2,030	1,770	1,620	1,540	1,440	2,470	11,200	11,400	6,890	4,980	3,980
8	2,150	1,970	1,800	1,610	1,540	1,430	2,570	12,000	11,700	6,600	4,840	3,980
9	2,000	2,070	1,820	1,610	1,550	1,420	3,220	13,000	11,600	6,420	4,720	3,980
10	1,930	2,080	1,790	1,610	1,550	1,400	4,090	14,000	10,800	6,440	4,700	3,980
11	1,920	2,020	1,790	1,600	1,550	1,400	5,000	14,800	10,600	6,400	4,630	4,030
12	1,880	2,040	1,760	1,600	1,550	1,400	5,140	15,000	10,100	6,420	4,950	4,070
13	1,890	2,040	1,740	1,600	1,550	1,400	5,530	15,000	10,400	6,420	5,050	4,030
14	2,040	1,970	1,750	1,590	1,540	1,400	5,970	14,800	11,000	6,420	5,100	3,980
15	2,090	1,930	1,780	1,590	1,530	1,450	6,120	14,500	9,890	6,920	5,050	3,940
16	2,060	1,930	1,780	1,600	1,520	1,500	5,940	13,600	9,130	7,030	4,950	3,960
17	1,940	1,850	1,760	1,610	1,520	1,530	6,070	12,700	8,480	6,950	4,790	3,940
18	1,880	1,850	1,740	1,630	1,500	1,560	6,420	13,200	8,120	6,700	4,790	3,940
19	1,860	1,920	1,740	1,650	1,490	1,560	6,340	14,000	8,090	6,570	4,750	3,940
20	1,870	1,970	1,730	1,700	1,480	1,530	6,650	14,500	8,400	6,340	4,610	4,100
21	1,860	1,950	1,720	1,750	1,480	1,510	7,110	14,400	9,180	6,170	4,500	4,400
22	1,870	1,920	1,710	1,800	1,470	1,520	7,870	13,800	10,600	6,100	4,410	4,300
23	1,850	1,950	1,720	1,750	1,470	1,570	9,350	13,500	10,000	6,020	4,320	4,100
24	1,850	1,920	1,740	1,700	1,470	1,530	9,970	13,600	9,130	5,870	4,260	4,000
25	1,830	1,940	1,740	1,600	1,470	1,510	9,290	14,200	9,240	5,770	4,320	3,950
26	1,820	1,830	1,730	1,600	1,470	1,510	8,370	14,700	9,830	5,740	4,340	3,920
27	1,800	1,820	1,700	1,500	1,460	1,540	7,760	15,100	9,070	5,700	4,110	3,850
28	1,780	1,800	1,700	1,510	1,460	1,550	7,730	15,300	8,150	5,600	4,190	3,600
29	1,770	1,800	1,720	1,520		1,570	7,980	13,900	8,090	5,580	4,240	3,350
30	1,770	1,800	1,670	1,520		1,610	8,150	12,700	7,570	5,460	4,170	3,000
31	1,770		1,600	1,520		1,690		12,200		5,340	4,130	

MEAN ACRE- FEET	1,940	1,753	1,619	1,511	1,490	5,598	12,870	9,732	6,470	4,706	3,957
125,600	115,500	107,800	99,530	83,940	91,620	333,100	791,200	597,100	397,800	289,300	235,500
MEAN YEAR 4,489 ACRE-FOOT FOR RECORD 3,250,000 PLATE No. 28											

Daily discharge, in second-feet, of GREYS RIVER ABOVE RESERVOIR NEAR ALPINE, WYOMING, for the year ending September 30, 19 69

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	343	297	210	205	185	180	326	1,140	1,480	783	450	330
2	339	290	215	210	185	180	371	1,140	1,440	770	455	318
3	339	301	220	210	185	180	446	1,330	1,430	770	460	318
4	339	322	220	210	185	180	435	1,460	1,440	770	450	314
5	339	314	230	210	185	180	478	1,550	1,490	750	445	305
6	339	301	210	210	185	180	578	1,780	1,570	743	440	301
7	335	279	204	210	185	180	565	1,990	1,560	756	430	301
8	330	264	227	205	185	175	501	2,020	1,500	736	420	305
9	318	318	247	200	190	170	468	2,020	1,520	704	420	314
10	326	297	250	200	195	170	578	2,080	1,380	684	420	322
11	326	290	261	200	200	165	710	2,110	1,250	672	420	339
12	326	297	247	195	200	165	717	2,230	1,160	653	430	335
13	330	294	244	190	205	165	797	2,190	1,290	634	430	326
14	399	261	220	190	205	165	830	2,240	1,120	621	430	330
15	430	264	271	190	205	165	892	2,220	1,060	634	420	322
16	380	262	279	195	205	170	851	1,910	1,040	640	415	322
17	343	261	271	200	205	180	921	1,930	965	615	410	322
18	339	260	261	205	201	190	981	2,180	921	596	405	318
19	330	260	254	210	198	210	936	2,160	892	565	400	318
20	339	260	240	240	195	198	1,000	2,280	928	553	390	335
21	343	261	230	270	195	189	1,150	2,110	958	547	380	384
22	335	271	220	270	190	201	1,410	2,120	907	530	370	330
23	326	268	220	258	185	214	1,700	2,010	844	530	360	314
24	322	264	220	214	180	195	1,760	2,050	885	512	350	314
25	322	271	225	205	180	189	1,380	2,160	914	507	345	305
26	318	233	225	200	180	198	1,160	2,260	914	507	340	301
27	314	240	225	195	180	208	1,040	2,300	858	490	335	294
28	305	244	220	190	180	211	1,070	2,350	844	485	335	290
29	305	198	215	185		214	1,170	1,980	844	480	339	290
30	305	210	210	185		237	1,220	1,840	797	470	339	294
31	305		200	185		275	1,700			460	339	

MEAN	335	272	232	208	191	190	881	1,963	1,140	618	399	317
ACRE-FOOT	20,610	16,170	14,260	12,780	10,620	11,660	52,440	120,700	67,840	38,020	24,540	18,860

U. S. GOVERNMENT PRINTING OFFICE 6-7149  
 GREYS RIVER ABOVE RESERVOIR NEAR ALPINE, WYOMING  
 YEAR 564  
 PERIOD 408,500  
 MEAN 564  
 ACRE-FOOT 408,500  
 Plate No. 29

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	642	614	580	542	496	426	508	1480	897	1020	563	535
2	642	614	574	574	486	426	568	1480	880	974	556	521
3	635	621	574	513	480	416	621	1600	846	948	549	521
4	628	642	561	496	470	412	635	1670	787	863	563	521
5	628	642	568	530	502	408	700	1690	747	863	570	521
6	628	635	574	542	486	416	830	1790	723	812	556	563
7	635	621	548	548	475	412	839	1870	723	771	549	556
8	635	614	542	535	470	412	747	1900	739	787	556	556
9	635	620	548	530	465	408	685	1900	771	779	563	556
10	628	650	542	508	475	398	715	1920	804	771	570	556
11	628	640	548	530	465	390	804	1920	872	747	570	563
12	628	635	542	535	465	394	854	1910	914	723	612	556
13	628	635	524	524	465	398	965	1890	1100	700	619	549
14	642	621	513	535	465	390	1020	1930	1060	662	605	549
15	670	614	542	542	465	394	1120	1890	1020	640	619	549
16	656	621	535	535	460	394	1100	1820	1020	648	612	528
17	642	600	535	530	455	398	1210	1740	974	648	598	528
18	635	600	530	524	450	403	1320	1680	956	640	612	528
19	628	607	530	530	445	412	1250	1650	922	633	598	535
20	635	607	513	574	460	408	1320	1570	948	640	577	542
21	635	600	513	635	445	412	1430	1490	990	648	570	584
22	628	594	513	685	445	408	1600	1420	1060	619	570	584
23	628	600	518	614	440	416	1840	1360	1010	598	591	577
24	621	607	524	568	440	412	2010	1320	1120	577	584	584
25	621	600	530	561	445	416	1710	1280	1190	584	584	584
26	621	587	530	561	440	412	1510	1230	1200	577	577	591
27	621	580	530	542	430	412	1380	1120	1150	563	542	591
28	621	580	530	530	426	412	1370	1050	1110	570	535	605
29	621	561	530	524		421	1460	982	1100	570	535	605
30	621	561	518	513		430	1540	948	1060	570	535	598
31	621		403	508		465		922		577	535	

MEAN	632	611	534	546	461	411	1,122	1,562	956	701	573	558
ACRE- FEET	38,850	36,340	32,850	33,560	25,610	25,250	66,770	96,040	56,910	43,080	35,260	33,200

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	30	28	25	22	32	24	79	251	227	91	50	36
2	30	27	25	24	32	23	97	269	215	91	50	36
3	30	28	25	26	30	23	112	322	210	90	48	36
4	30	32	25	26	30	23	112	362	202	86	48	36
5	28	31	25	30	29	22	129	406	200	84	50	36
6	28	30	25	32	28	23	150	458	192	83	47	34
7	28	28	25	33	28	23	135	498	185	86	46	34
8	28	26	25	30	28	23	119	498	178	81	44	34
9	28	31	26	28	29	22	112	498	170	79	44	34
10	30	30	26	26	30	22	117	506	168	78	42	36
11	28	28	25	27	30	21	131	498	156	74	44	36
12	28	30	25	29	28	21	135	494	152	72	55	33
13	28	28	24	30	28	21	163	498	161	71	47	33
14	33	27	24	31	26	21	158	494	145	72	44	32
15	33	27	25	37	24	21	163	466	139	74	44	31
16	31	27	24	33	25	22	158	418	133	72	42	31
17	28	25	23	31	25	23	188	410	129	72	42	31
18	28	26	23	28	25	24	208	418	125	67	42	31
19	28	27	23	27	25	25	188	414	121	66	41	32
20	28	27	23	31	24	24	202	394	119	64	41	38
21	30	26	23	46	24	27	245	362	123	63	40	34
22	28	26	23	61	23	26	326	342	121	61	38	33
23	28	26	24	67	23	27	470	330	114	59	38	32
24	28	26	26	58	23	26	482	326	119	59	37	32
25	27	27	27	40	24	27	330	330	117	59	37	31
26	27	26	25	36	24	28	266	330	112	56	37	31
27	27	26	24	35	24	31	239	318	106	55	37	31
28	27	26	23	35	24	31	248	296	100	55	37	30
29	28	25	22	34	24	36	275	272	97	55	37	30
30	28	25	21	33	24	46	275	263	93	53	37	30
31	28	25	20	33	24	61	251	251	93	52	37	30

MEAN	28.6	27.4	24.2	34.2	26.6	26.4	200	387	148	70.3	42.6	33.1
ACRE- FEET	1,760	1,630	1,490	2,100	1,480	1,620	11,920	23,790	8,780	4,320	2,620	1,970



SNAKE RIVER NEAR IRWIN, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4,630	2,850	2,820	3,050	3,110	2,960	7,990	11,400	13,900	8,840	11,700	8,170
2	4,850	2,720	2,920	3,000	2,800	2,700	9,030	11,400	13,900	9,850	11,800	7,940
3	4,850	2,580	3,080	3,040	3,180	3,670	9,490	11,400	13,800	9,870	11,700	8,390
4	4,850	2,820	3,060	3,070	3,060	5,130	9,500	11,400	13,800	9,830	11,500	8,980
5	4,850	2,820	3,120	2,820	3,170	4,210	9,490	11,300	13,200	9,840	11,400	9,090
6	4,850	2,840	3,050	2,960	3,230	3,070	9,520	10,500	12,600	9,860	11,400	7,680
7	4,850	2,850	2,940	2,960	3,140	3,010	9,530	9,890	12,600	10,300	11,200	6,970
8	4,850	2,850	2,760	2,960	2,860	2,940	9,530	9,890	12,600	11,000	10,900	6,970
9	4,870	2,840	3,060	3,040	2,580	2,590	9,530	9,860	12,300	11,100	10,800	8,000
10	4,850	2,740	2,990	3,060	3,050	2,960	9,530	9,860	12,200	11,900	10,800	8,310
11	4,850	2,740	3,040	3,040	2,760	3,080	10,000	9,860	11,600	12,300	10,800	8,160
12	4,830	2,850	2,930	2,850	2,920	3,160	11,100	9,860	11,200	12,700	10,500	8,240
13	4,830	2,830	2,960	3,060	2,940	3,080	11,500	10,300	10,600	12,700	10,300	7,590
14	4,820	2,930	2,950	3,050	3,040	2,990	11,500	11,300	9,570	12,700	9,810	7,590
15	3,830	2,940	2,730	3,000	2,980	2,870	11,500	12,300	9,060	12,700	9,530	7,590
16	3,800	2,910	3,000	3,000	2,530	2,660	11,400	12,800	9,060	12,700	9,560	7,080
17	3,450	2,810	2,970	3,010	3,440	3,140	11,400	12,800	9,000	12,700	9,390	7,100
18	3,440	2,890	2,990	2,960	3,580	2,900	11,500	12,800	9,000	12,800	9,150	7,190
19	3,040	2,810	2,990	2,680	3,080	3,930	11,500	13,100	8,960	12,800	9,030	7,190
20	3,040	2,830	3,010	2,940	2,960	5,640	11,500	14,400	8,900	12,800	9,030	7,020
21	3,060	2,920	3,040	3,110	2,970	6,090	11,500	14,900	8,900	12,800	9,090	6,830
22	2,980	2,850	2,660	3,050	2,760	6,080	11,500	15,000	8,580	12,800	9,080	7,070
23	2,950	2,970	2,930	3,120	2,380	6,100	11,500	14,900	7,870	11,900	9,130	6,350
24	2,990	2,770	3,120	3,080	2,770	6,100	11,500	15,000	7,620	11,900	9,150	6,110
25	2,950	2,900	2,830	2,930	2,960	6,100	11,500	15,000	7,590	11,400	9,190	5,530
26	2,910	3,010	2,980	2,640	2,690	6,100	11,400	15,000	7,560	11,300	9,180	5,040
27	2,920	3,070	3,050	2,860	2,690	6,130	11,400	15,000	8,140	10,700	9,220	4,850
28	2,900	3,000	2,930	3,250	2,820	6,130	11,400	14,900	8,770	10,700	9,210	4,840
29	2,900	3,040	2,860	4,100		6,130	11,400	14,600	8,020	11,600	9,040	4,860
30	2,900	3,070	3,100	4,140		6,150	11,400	13,900	7,530	11,700	8,800	4,840
31	2,370		3,220	4,130		6,850		13,900		11,700	8,840	

MEAN	3,873	2,868	2,971	3,095	2,945	4,344	10,680	12,530	10,280	11,540	10,010	7,052
ACRE- FEET	238,100	170,700	182,700	190,300	163,500	267,100	635,800	770,600	611,800	709,700	615,300	419,600

U. S. GOVERNMENT PRINTING OFFICE 16-00000-1  
 SNAKE RIVER NEAR IRWIN, IDAHO  
 YEAR MEAN 6,872  
 FEBRUARY ACRES-FEET 4,975,300  
 Plate No. 33.

IDAHO SNAKE RIVER NEAR HEISE,

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4,740	3,050	3,500	3,600	4,060	3,270	8,500	12,500	14,600	8,640	12,100	8,880
2	5,260	3,250	3,430	3,550	3,360	3,270	9,640	12,500	14,600	10,600	12,100	8,140
3	5,230	3,160	3,620	3,480	3,500	3,460	10,400	12,700	14,600	10,400	12,100	8,540
4	5,230	3,210	3,690	3,590	3,590	5,310	10,400	12,800	14,600	10,400	12,000	9,120
5	5,260	3,270	3,670	3,480	3,620	5,340	10,400	12,800	14,400	10,300	11,700	9,430
6	5,290	3,300	3,620	3,410	3,740	3,570	10,400	12,600	13,500	10,200	11,700	8,710
7	5,290	3,300	3,550	3,480	3,620	3,500	10,400	11,600	13,500	10,300	11,700	7,160
8	5,290	3,270	3,360	3,500	3,500	3,250	10,300	11,600	13,500	11,200	11,400	7,130
9	5,290	3,430	3,520	3,520	3,050	3,210	10,300	11,500	13,300	11,100	11,200	7,610
10	5,290	3,230	3,550	3,590	3,410	3,230	10,300	11,500	13,100	12,000	11,300	8,740
11	5,290	3,210	3,620	3,640	3,410	3,520	10,500	11,500	12,900	12,400	11,300	8,340
12	5,290	3,270	3,520	3,390	3,390	3,590	11,600	11,500	12,100	12,900	11,200	8,440
13	5,310	3,340	3,480	3,480	3,460	3,620	12,300	11,700	11,900	12,900	10,800	8,070
14	5,370	3,360	3,480	3,640	3,500	3,480	12,300	12,400	10,800	13,000	10,500	7,840
15	4,770	3,430	3,320	3,520	3,570	3,430	12,300	13,300	10,100	13,100	10,000	7,810
16	4,310	3,460	3,360	3,520	3,160	3,100	12,300	14,000	10,000	13,100	10,000	7,480
17	4,080	3,250	3,500	3,480	3,460	3,480	12,300	14,000	9,960	13,100	9,990	7,260
18	3,880	3,430	3,480	3,480	4,140	3,460	12,400	14,000	9,920	13,200	9,740	7,290
19	3,670	3,390	3,480	3,250	3,910	4,110	12,400	14,100	9,850	13,200	9,500	7,350
20	3,500	3,320	3,460	3,460	3,410	5,340	12,500	15,000	9,850	13,200	9,460	7,320
21	3,500	3,320	3,460	4,010	3,430	6,310	12,600	16,000	9,850	13,300	9,500	7,070
22	3,460	3,430	3,250	3,880	3,320	6,400	12,800	15,900	9,710	13,300	9,460	7,190
23	3,410	3,160	3,250	3,620	3,010	6,460	13,100	15,900	8,840	12,600	9,500	6,940
24	3,410	3,390	3,620	3,670	2,990	6,430	13,300	15,900	8,470	12,300	9,500	6,370
25	3,410	3,430	3,430	3,480	3,430	6,430	13,000	15,900	8,440	12,000	9,540	5,980
26	3,360	3,520	3,430	3,120	3,230	6,430	12,800	15,900	8,340	11,800	9,540	5,570
27	3,320	3,640	3,550	3,230	3,190	6,460	12,600	15,800	8,540	11,300	9,540	5,370
28	3,320	3,640	3,500	3,550	3,250	6,520	12,600	15,600	9,500	11,200	9,500	5,260
29	3,320	3,620	3,300	4,310		6,610	12,600	15,500	9,320	11,700	9,460	5,290
30	3,320	3,690	3,400	4,660		6,730	12,600	14,600	8,110	12,100	9,180	5,230
31	2,940		3,700	4,630		7,130		14,600		12,100	9,150	

MEAN	4,336	3,359	3,478	3,620	3,454	4,724	11,660	13,720	11,210	11,900	10,440	7,364
ACRE- FEET	266,600	199,900	214,400	222,600	191,800	290,500	694,100	843,400	666,800	733,600	643,500	438,200

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							3,960	11,100	18,000			
2							3,980	10,400	16,800			
3							4,980	12,500	15,900			
4							4,740	12,800	16,900			
5							5,480	14,100	17,800			
6							5,980	16,500	20,100			
7							6,740	18,100	20,600			
8							5,140	20,200	21,000			
9							5,540	20,800	19,400			
10							5,550	20,900	18,100			
11							5,280	22,600	17,500			
12							7,140	23,000	16,200			
13							7,070	23,400	16,600			
14							8,450	23,400	15,200			
15							8,320	23,700	13,500			
16							7,700	22,100	13,200			
17							8,470	20,300	12,000			
18							9,320	22,100	12,100			
19							8,810	24,100	12,000			
20							9,310	24,500	11,900			
21							10,500	25,500	13,600			
22							11,700	22,600	15,000			
23							15,000	22,700	13,500			
24							17,000	22,700	12,900			
25							14,400	24,200	13,500			
26							12,100	25,200	13,600			
27							10,500	26,200	11,400			
28							11,000	25,800	11,900			
29							11,800	24,100	11,600			
30							11,400	21,600	11,100			
31								21,500				

MEAN ACRE- FEET	253,900	218,700	199,700	234,200	183,200	172,800	510,500	1,287,000	898,300	474,200	281,900	228,900

U. S. GOVERNMENT PRINTING OFFICE 16-00066-1  
 SNAKE RIVER NEAR HEISE, IDAHO (Adjusted for storage in reservoirs)  
 YEAR OR PERIOD  
 MEAN ACRE- FEET 4,943,000  
 Plate No. 34 A.





Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	51	50	22	25	34	41	163	206	42	285	197	204
2	51	51	22	25	35	41	157	204	42	274	195	206
3	51	51	22	25	35	41	151	204	42	267	195	206
4	51	51	22	26	35	41	146	204	40	257	195	208
5	51	51	22	26	35	41	144	202	39	250	193	150
6	51	51	22	25	35	42	142	202	39	250	191	40
7	51	51	22	26	35	42	144	202	39	241	193	40
8	51	50	22	27	36	42	144	197	41	230	191	41
9	51	50	22	27	36	42	142	199	51	206	191	42
10	51	50	22	27	36	42	138	193	62	146	191	44
11	50	49	22	28	36	42	136	193	59	144	191	44
12	50	49	22	28	37	42	134	193	62	142	191	44
13	50	49	22	28	37	68	130	187	63	142	191	44
14	51	49	23	28	37	93	128	173	60	142	187	44
15	51	49	23	29	38	92	128	175	62	157	187	42
16	51	35	23	29	38	91	128	175	63	224	185	42
17	51	20	23	29	38	90	128	175	76	221	187	42
18	51	20	23	30	38	90	162	124	115	217	187	42
19	51	20	23	30	39	89	224	90	117	215	187	42
20	53	20	23	30	39	88	221	90	114	215	189	42
21	53	20	23	30	39	87	217	90	111	213	187	41
22	53	21	23	31	39	86	217	90	115	210	191	41
23	53	21	23	31	39	85	217	90	114	210	193	41
24	53	21	23	31	40	84	217	72	123	215	193	41
25	51	21	23	32	40	83	215	40	140	213	195	41
26	51	21	23	32	40	82	213	41	232	208	197	41
27	51	21	23	32	40	131	208	41	302	206	197	46
28	51	21	24	33	40	195	206	42	299	204	197	61
29	51	21	24	33		183	206	42	295	202	199	60
30	51	21	24	33		177	206	45	287	202	202	58
31	51		24	34		169		44		199	202	

MEAN	50.9	35.8	22.7	29.1	37.4	82.6	170	136	108	210	192	693
ACRE- FEET	3,150	2,130	1,400	1,790	2,070	5,080	10,140	8,380	6,440	12,910	11,840	4,130

0-7149

YEAR MEAN 95.9

ACRE-  
FEET

69,450

HENRY'S FORK NEAR LAKE, IDAHO

Plate No. 36



Daily discharge, in second-feet, of \_\_\_\_\_ for the year ending September 30, 19 69

HENRY'S FORK NEAR ISLAND PARK, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	511	383	452	526	526	653	632	1,260	1,330	1,190	1,570	1,300
2	511	63	481	526	526	653	632	1,260	1,280	1,160	1,590	1,300
3	447	63	506	526	526	653	632	1,260	1,240	1,120	1,620	1,170
4	511	65	511	526	526	658	632	1,260	1,190	1,060	1,620	1,030
5	516	65	506	526	526	658	632	1,380	1,150	1,040	1,600	1,020
6	511	65	511	526	526	658	632	1,530	1,130	1,030	1,600	1,020
7	511	68	506	526	526	658	669	1,770	1,090	1,020	1,590	1,020
8	511	51	511	526	526	658	696	2,010	1,050	1,010	1,600	1,020
9	531	27	511	526	526	658	696	1,970	1,040	992	1,600	1,020
10	542	29	516	526	526	526	696	1,880	1,020	958	1,600	1,020
11	542	29	511	526	573	457	696	1,790	1,020	1,150	1,590	1,010
12	542	31	516	526	632	481	696	1,600	1,010	1,400	1,570	1,010
13	547	31	516	526	642	481	696	1,130	968	1,580	1,330	1,010
14	547	15	521	526	642	516	701	696	938	1,670	1,330	1,010
15	547	30	521	526	642	542	701	696	896	1,680	1,320	1,000
16	547	42	526	526	642	542	701	696	854	1,660	1,320	932
17	547	40	526	526	648	600	701	696	842	1,600	1,310	806
18	558	40	526	526	648	632	723	842	842	1,530	1,310	806
19	579	40	526	526	648	632	750	938	842	1,630	1,310	806
20	579	40	531	526	648	632	750	1,040	848	1,680	1,150	806
21	579	156	531	526	648	632	800	1,160	914	1,690	1,020	794
22	285	438	531	526	648	632	842	1,080	926	1,700	1,020	778
23	326	443	531	526	648	632	902	974	920	1,700	1,030	679
24	579	452	526	526	648	632	1,030	872	1,000	1,720	1,030	674
25	573	447	526	526	648	632	1,210	992	1,110	1,840	1,030	674
26	573	452	526	526	648	632	1,260	1,170	1,150	1,840	1,030	669
27	573	447	526	526	653	632	1,260	1,330	1,150	1,840	1,040	669
28	573	447	531	526	653	632	1,260	1,400	1,190	1,750	1,150	664
29	573	452	531	526		632	1,260	1,430	1,200	1,620	1,310	664
30	573	452	531	526		632	1,260	1,420	1,210	1,600	1,310	658
31	573		526	526		632		1,380		1,610	1,310	

MEAN	530	180	517	526	601	610	825	1,255	1,045	1,454	1,349	901
ACRE- FEET	32,560	10,720	31,830	32,340	33,360	37,490	49,090	77,180	62,180	89,410	82,930	53,630

HENRYS FORK NEAR ASHTON, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,240	1,310	1,310	1,290	1,260	1,330	1,920	3,220	2,500	2,230	2,420	2,380
2	1,280	1,050	1,310	1,420	1,370	1,330	1,130	3,280	2,770	2,160	2,380	2,380
3	1,260	894	1,310	1,260	1,420	1,330	1,500	3,570	2,580	2,080	2,420	2,420
4	1,210	1,080	1,350	1,260	1,330	1,350	1,520	3,700	2,500	1,990	2,500	2,040
5	1,280	993	1,380	1,290	1,330	1,330	1,720	3,890	2,450	1,990	2,520	1,920
6	1,280	935	1,310	1,260	1,400	1,370	1,810	4,230	2,250	1,970	2,450	1,920
7	1,280	935	1,310	1,240	1,310	1,350	1,920	4,360	2,480	1,920	2,520	1,920
8	1,280	894	1,330	1,160	1,290	1,290	1,880	4,740	2,320	1,920	2,500	1,920
9	1,260	978	1,330	1,240	1,310	1,310	1,700	4,500	2,280	1,880	2,450	1,900
10	1,290	854	1,330	1,220	1,310	1,280	1,680	4,430	2,250	1,810	2,480	1,880
11	1,290	868	1,350	1,210	1,290	1,160	1,900	4,230	2,300	1,810	2,480	1,880
12	1,280	868	1,290	1,310	1,400	1,140	1,850	4,190	2,180	2,580	2,450	1,880
13	1,330	881	1,190	1,330	1,440	1,140	1,990	3,760	2,160	2,500	2,300	1,900
14	1,460	840	1,330	1,370	1,400	1,130	1,990	3,350	2,110	2,520	2,160	1,920
15	1,400	814	1,350	1,310	1,400	1,220	1,990	2,950	2,060	2,770	2,180	1,880
16	1,350	827	1,310	1,240	1,400	1,240	1,990	2,720	1,990	2,690	2,200	1,880
17	1,310	800	1,290	1,280	1,380	1,240	1,990	2,580	1,830	2,580	2,230	1,720
18	1,310	881	1,280	1,260	1,370	1,350	2,380	2,610	1,810	2,450	2,180	1,620
19	1,330	881	1,290	1,370	1,370	1,310	2,400	2,890	1,830	2,320	2,250	1,720
20	1,330	868	1,110	1,380	1,370	1,330	2,420	2,860	1,880	2,580	2,250	1,750
21	1,330	840	1,130	1,420	1,380	1,330	2,580	2,890	2,040	2,550	1,900	1,700
22	1,340	1,100	1,190	1,500	1,400	1,350	3,070	2,920	1,990	2,550	1,900	1,700
23	723	1,330	1,350	1,310	1,380	1,370	3,410	2,610	2,060	2,520	1,900	1,600
24	1,350	1,330	1,400	1,260	1,380	1,350	3,920	2,400	2,160	2,520	1,940	1,500
25	1,290	1,350	1,350	1,420	1,400	1,330	3,350	2,350	2,550	2,690	1,940	1,500
26	1,290	1,280	1,290	1,420	1,370	1,330	3,410	2,690	2,800	2,720	1,970	1,520
27	1,260	1,310	1,260	1,260	1,350	1,350	3,190	2,770	2,520	2,750	1,970	1,500
28	1,290	1,310	1,190	1,350	1,350	1,350	3,350	2,890	2,550	2,750	1,990	1,500
29	1,280	1,240	1,160	1,380		1,370	3,630	2,890	2,400	2,520	2,380	1,520
30	1,330	1,330	1,100	1,240		1,400	3,500	2,890	2,350	2,500	2,400	1,520
31	1,340		1,080	1,190		1,810		2,860		2,480	2,380	

MEAN	1,286	1,029	1,276	1,305	1,363	1,318	2,370	3,297	2,265	2,365	2,258	1,813
ACRE- FEET	79,090	61,230	78,470	80,230	75,690	81,060	141,000	202,800	134,800	145,400	138,800	107,900

Contents acre  
Daily discharge in season-feet, of

GRASSY LAKE NEAR MORAN, WYOMING

for the year ending September 30, 19 69

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									14.690	15.070	11.410	7.030
2											10.830	6.840
3												
4												
5												
6								10.590	15.210	14.960		
7												
8												
9												
10												6.840
11												
12					9.970					14.950	9.650	
13										14.660	9.400	
14	9.190			9.720		10.040	10.160				8.840	
15												
16									15.140			6.850
17												
18									15.100	14.210	8.230	
19												
20												
21				9.830					15.090		7.750	
22								13.160		13.260		6.910
23												6.910
24												
25									15.100			
26					10.020	10.080			15.150		7.530	
27					*10.020				15.120			
28												
29												
30		9.410		9.880			10.400	14.150	*15.100	12.190	7.330	* 6.950
31	9.240		9.630	*9.890		*10.100		*14.420		11.850	*7.180	

\* Interpolated

MEAN ACRE- FEET	YEAR OR PERIOD	MEAN ACRE- FEET	YEAR OR PERIOD	MEAN ACRE- FEET	YEAR OR PERIOD	MEAN ACRE- FEET	YEAR OR PERIOD

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	451	477	519	470	451	397	445	1,180	2,000	1,290	701	568
2	458	477	519	450	445	392	477	1,280	1,890	1,210	693	568
3	445	491	505	420	441	397	540	1,630	1,860	1,170	693	561
4	445	618	512	425	440	392	524	1,810	1,890	1,120	701	575
5	439	561	512	430	440	392	564	1,970	2,000	1,060	693	552
6	433	526	498	458	440	397	648	2,240	2,140	976	685	547
7	445	505	484	445	440	392	631	2,380	2,290	1,040	670	540
8	439	498	512	439	439	387	572	2,400	2,210	1,070	678	533
9	439	582	498	427	433	382	548	2,280	1,990	895	670	533
10	439	575	491	410	433	388	597	2,290	1,870	833	670	519
11	433	561	495	415	427	395	665	2,360	1,870	782	685	519
12	427	568	491	425	427	402	708	2,400	1,650	741	733	519
13	458	568	451	451	425	382	813	2,430	1,630	765	701	519
14	632	561	477	484	420	382	804	2,620	1,460	782	678	519
15	655	540	484	470	420	388	858	2,430	1,320	859	670	505
16	561	533	491	451	415	382	831	2,100	1,220	799	662	491
17	512	568	484	439	414	382	912	2,080	1,150	757	655	491
18	505	568	477	439	414	388	1,020	2,240	1,130	741	655	491
19	505	561	464	458	408	388	960	2,690	1,190	725	648	533
20	491	561	464	470	403	375	1,010	2,660	1,260	717	625	603
21	491	554	445	498	408	375	1,200	2,470	1,530	717	582	603
22	484	554	451	533	420	375	1,510	2,340	1,400	709	575	589
23	477	547	464	470	414	382	1,870	2,330	1,400	685	575	554
24	477	540	484	445	414	375	2,000	2,380	1,340	685	575	561
25	470	530	491	451	414	368	1,580	2,470	1,740	693	575	540
26	477	498	477	470	403	368	1,380	2,590	2,030	685	582	533
27	464	533	470	458	397	375	1,280	2,750	1,830	678	596	519
28	464	526	451	458	397	375	1,460	2,780	1,690	685	589	519
29	464	484	451	458		375	1,590	2,540	1,490	693	582	512
30	484	533	433	451		388	1,380	2,400	1,400	685	568	519
31	505		315	451		430		2,260		693	568	

MEAN	480	540	476	452	423	386	979	2,283	1,662	837	643	538
ACRE- FEET	29,490	32,130	29,280	27,810	23,490	23,730	58,270	140,400	98,920	51,450	39,540	32,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	310	390	550	400	475	415	578	1,270	1,600	1,200	120	135
2	315	380	530	450	470	415	639	1,240	1,400	1,110	158	133
3	315	395	525	480	470	415	711	1,580	1,310	1,030	133	130
4	330	533	525	455	470	415	671	1,750	1,300	941	117	130
5	330	512	525	455	465	415	711	1,940	1,420	843	112	135
6	325	440	525	465	465	415	784	2,200	1,510	735	110	135
7	335	416	520	475	460	410	759	2,370	1,690	767	107	138
8	350	400	515	465	460	410	671	2,420	1,680	792	110	138
9	345	477	520	455	455	405	639	2,260	1,510	540	107	133
10	345	491	520	445	455	405	679	2,250	1,400	410	110	133
11	340	526	515	455	450	410	767	2,290	1,480	320	112	130
12	330	512	510	465	450	410	800	2,300	1,230	241	165	127
13	360	526	505	480	445	415	923	2,300	1,200	241	199	127
14	505	505	480	495	445	420	923	2,490	1,030	265	175	133
15	647	505	500	510	440	430	990	2,320	900	330	165	141
16	533	505	505	495	440	440	960	2,030	809	301	158	135
17	464	510	510	480	440	452	1,060	1,900	719	288	158	133
18	434	515	505	460	435	464	1,230	2,030	663	257	152	127
19	428	525	490	460	430	464	1,140	2,540	711	221	149	158
20	416	533	480	495	425	458	1,140	2,580	784	199	144	270
21	410	548	480	515	425	446	1,370	2,330	1,180	178	107	274
22	400	548	470	535	430	446	1,750	2,130	1,120	165	98	340
23	395	555	485	550	435	470	2,100	1,990	1,100	149	98	283
24	390	555	495	500	435	452	2,440	2,080	1,090	149	98	288
25	390	550	505	470	430	446	1,880	2,180	1,490	152	98	292
26	385	533	510	480	425	452	1,610	2,250	1,940	144	107	278
27	375	562	500	490	420	458	1,400	2,320	1,790	141	130	274
28	370	555	485	485	415	464	1,610	2,340	1,670	133	133	270
29	365	519	470	485		464	1,790	2,100	1,460	120	138	265
30	380	550	470	480		491	1,560	1,920	1,330	104	138	283
31	416		450	475		540		1,870		98	138	

MEAN	388	502	502	478	445	439	1,143	2,115	1,284	405	131	189
ACRE- FEET	23,870	29,890	30,890	29,370	24,710	27,000	68,000	130,100	76,400	24,900	8,020	11,240



for the year ending September 30, 19 69

HENRYS FORK AT ST. ANTHONY, IDAHO

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1210	1600	1670	1800	1670	1840	2380	3920	2740	2970	1390	1430
2	1210	1360	1640	1950	1750	1840	1690	3820	2820	2650	1290	1460
3	1200	1130	1660	1750	1900	1800	2000	4380	2530	2420	1340	1520
4	1120	1400	1720	1750	1700	1810	2000	4620	2340	2180	1370	1300
5	1170	1370	1760	1750	1700	1810	2220	5010	2290	2000	1340	1230
6	1140	1250	1730	1750	1900	1840	2360	5520	2200	1760	1330	1250
7	1140	1220	1660	1730	1850	1810	2460	5740	2530	1730	1460	1270
8	1170	1170	1730	1650	1800	1750	2340	6310	2570	1830	1420	1270
9	1170	1370	1730	1700	1820	1800	2120	5710	2530	1550	1370	1250
10	1170	1260	1720	1680	1820	1730	2080	5520	2530	1290	1390	1250
11	1180	1300	1720	1680	1820	1660	2380	5330	2740	1140	1460	1250
12	1170	1270	1720	1770	1900	1620	2360	5210	2480	1110	1640	1250
13	1210	1300	1580	1830	2030	1610	2680	4730	2440	1320	1620	1250
14	1480	1260	1750	1900	1960	1600	2700	4410	2250	1400	1420	1260
15	1620	1220	1840	1850	1930	1700	2760	3870	2080	1700	1400	1260
16	1500	1200	1780	1800	1960	1670	2700	3400	1890	1660	1390	1230
17	1400	1180	1800	1800	1940	1670	2800	3100	1610	1640	1390	1210
18	1360	1230	1730	1800	1880	1800	3310	3250	1440	1550	1360	1110
19	1360	1230	1760	1880	1890	1780	3290	4020	1430	1400	1420	1210
20	1370	1200	1640	1930	1890	1760	3310	4120	1610	1560	1460	1370
21	1400	1180	1610	2030	1910	1760	3680	3820	2480	1520	1320	1360
22	1480	1340	1780	2170	1940	1800	4430	3680	2530	1440	1270	1480
23	1020	1600	1900	2000	1940	1840	5090	3200	2610	1460	1260	1420
24	1430	1610	1950	1800	1930	1780	6090	3050	2650	1400	1290	1340
25	1540	1640	1900	1960	1960	1760	4980	3100	3450	1500	1260	1330
26	1540	1540	1850	2000	1890	1800	4650	3380	4330	1600	1250	1330
27	1500	1610	1780	1810	1880	1800	4170	3560	3970	1560	1230	1330
28	1500	1610	1720	1910	1840	1810	4410	3680	3850	1610	1210	1320
29	1520	1540	1640	1890		1810	4810	3540	3470	1490	1340	1300
30	1550	1640	1600	1760		1840	4520	3380	3270	1420	1440	1320
31	1620		1500	1580		2150		3360		1400	1430	

MEAN	1,337	1,361	1,728	1,828	1,871	1,776	3,259	4,185	2,589	1,654	1,373	1,305
ACRE- FEET	82,210	80,990	106,300	112,400	103,900	109,200	191,900	257,300	154,000	101,700	84,420	77,670

TETON RIVER ABOVE SOUTH LEIGH CREEK NEAR DRIGGS, IDAHO

Daily discharge, in second-feet, of

for the year ending September 30, 19

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	390	336	336	280	300	231	522	351	469	610	436	326
2	386	332	320	320	295	215	643	347	447	601	432	326
3	381	348	304	340	290	218	702	342	443	635	424	316
4	381	403	312	345	280	218	689	347	456	650	416	302
5	377	390	285	345	280	224	780	351	486	630	420	299
6	377	356	243	349	293	218	758	376	522	583	408	295
7	377	344	280	335	278	218	513	389	575	592	400	292
8	377	332	290	290	270	215	426	401	598	601	396	289
9	377	344	301	200	270	215	486	405	620	570	396	292
10	377	344	289	220	264	215	552	393	629	556	392	299
11	373	369	274	240	278	218	539	401	716	534	396	306
12	373	398	271	270	274	215	478	418	625	520	444	302
13	373	381	264	320	267	221	464	418	656	516	448	299
14	433	356	270	400	260	221	431	418	620	524	432	295
15	496	348	289	390	254	228	410	414	611	552	412	289
16	442	330	278	373	237	206	380	389	598	552	400	286
17	398	310	278	324	231	206	376	351	588	574	392	286
18	386	320	285	282	230	215	376	351	570	534	389	282
19	381	320	278	344	230	218	372	397	566	516	389	289
20	373	324	280	360	225	221	359	414	588	504	385	330
21	365	328	218	400	218	224	363	393	698	500	373	340
22	360	340	260	420	209	227	380	389	746	492	366	323
23	360	365	280	340	209	231	405	393	666	484	362	309
24	352	344	285	340	209	227	435	397	741	480	358	299
25	352	336	280	350	212	231	431	418	796	484	344	295
26	348	332	260	350	221	234	405	456	882	480	344	286
27	340	320	200	340	215	238	389	495	812	476	344	286
28	340	304	123	320	221	238	372	513	807	472	337	286
29	340	324	160	310		245	363	495	689	472	337	279
30	344	344	220	293		275	359	491	643	464	337	282
31	340		250	301		368		491		452	330	
MEAN	376	344	267	326	251	229	472	407	629	536	388	300
ACRE- FEET	23,150	20,470	16,390	20,020	13,920	14,070	28,080	25,000	37,410	32,950	23,880	17,820

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	665	577	570	440	455	408	1390	948	1550	1420	978	624
2	658	570	532	480	450	414	1590	925	1410	1430	955	624
3	638	564	519	500	450	408	1910	978	1340	1440	940	610
4	631	590	494	510	450	408	1830	1120	1420	1430	925	604
5	624	631	506	515	440	403	1750	1320	1600	1370	910	597
6	624	631	469	520	440	403	1700	1570	1690	1260	865	597
7	617	610	436	520	450	403	1590	1850	1850	1280	775	604
8	617	570	460	500	450	398	1310	2100	1900	1350	782	604
9	617	519	480	470	450	398	1100	2120	1750	1220	812	617
10	617	597	482	400	450	394	1080	2180	1680	1140	805	687
11	617	610	460	440	469	394	1140	2320	1890	1090	820	701
12	617	617	440	480	446	394	1200	2370	1680	1150	872	701
13	617	644	400	500	446	385	1240	2400	1570	1230	962	701
14	631	617	440	551	441	389	1220	2380	1490	1220	910	701
15	658	584	480	644	436	389	1200	2270	1380	1250	865	694
16	680	558	490	597	436	384	1200	1980	1320	1270	850	658
17	694	551	470	532	436	379	1140	1780	1260	1220	850	624
18	665	532	440	510	424	374	1120	1850	1210	1160	850	624
19	638	577	420	494	414	389	1110	2240	1180	1090	835	638
20	624	590	400	558	398	403	1100	2330	1180	1060	782	680
21	610	590	360	600	436	408	1090	2120	1430	1050	644	745
22	604	577	400	620	430	408	1100	1920	1550	1050	624	738
23	597	584	430	580	424	414	1200	1890	1420	1040	604	597
24	590	604	450	480	419	414	1570	1930	1470	1040	590	570
25	584	604	460	480	419	398	1470	1980	1680	1040	590	570
26	577	564	460	490	414	398	1200	2120	1840	1040	597	551
27	570	513	440	500	408	408	1030	2290	1860	1030	590	538
28	564	544	400	480	408	424	948	2300	1800	1030	584	532
29	570	513	330	470		469	940	2050	1670	1000	631	525
30	570	513	279	460		680	955	1840	1490	1000	638	519
31	570		360	460		1,000		1,760		985	624	

MEAN	618	578	444	509	435	430	1,281	1,911	1,552	1,174	776	626
ACRE- FEET	37,990	34,400	27,290	31,300	24,180	26,460	76,210	117,500	92,350	72,170	47,720	37,240

Daily discharge, in second-feet, of

HENRYS FORK NEAR REXBURG, IDAHO

for the year ending September 30, 19 69

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,740	2,230	2,010	1,630	2,150	2,130	3,270	4,880	3,090	4,540	1,430	1,410
2	1,710	2,200	1,990	1,800	2,250	2,160	3,430	4,440	2,630	3,970	1,370	1,420
3	1,670	1,930	2,080	2,200	2,280	2,130	3,050	4,260	2,430	3,380	1,350	1,450
4	1,600	1,990	2,000	2,150	2,300	2,120	3,470	4,560	2,060	3,020	1,340	1,440
5	1,550	2,160	2,040	2,200	2,080	2,120	3,410	4,830	1,850	2,640	1,320	1,300
6	1,480	2,040	2,040	2,220	2,250	2,160	3,560	5,110	1,890	2,150	1,310	1,280
7	1,450	1,910	1,990	2,200	2,210	2,160	3,740	5,460	1,940	1,820	1,340	1,260
8	1,500	1,820	2,040	2,100	2,190	2,120	3,470	5,840	2,480	1,840	1,330	1,260
9	1,560	1,800	2,010	2,070	2,220	2,060	3,010	6,210	2,710	1,670	1,290	1,250
10	1,610	1,840	2,050	2,100	2,220	2,040	2,900	5,870	2,780	1,310	1,310	1,250
11	1,690	1,830	2,020	2,050	2,250	2,030	3,040	5,590	3,180	1,030	1,380	1,280
12	1,710	1,820	2,070	2,150	2,300	1,920	3,210	5,340	3,490	835	1,580	1,320
13	1,730	1,820	1,990	2,250	2,370	1,940	3,210	5,160	3,280	818	1,890	1,340
14	1,910	1,820	1,870	2,300	2,330	1,920	3,420	4,840	3,210	1,000	1,810	1,360
15	2,220	1,790	2,100	2,380	2,300	1,930	3,420	4,560	2,970	1,220	1,660	1,390
16	2,320	1,630	2,140	2,400	2,280	1,980	3,390	4,130	2,680	1,470	1,680	1,450
17	2,200	1,590	2,130	2,200	2,260	1,960	3,300	3,480	2,340	1,480	1,710	1,500
18	2,110	1,630	2,120	2,180	2,250	1,990	3,420	3,080	1,920	1,440	1,710	1,410
19	2,090	1,720	2,080	2,170	2,230	2,390	3,810	3,320	1,690	1,310	1,670	1,410
20	2,090	1,670	2,070	2,350	2,210	2,270	3,800	4,030	1,670	1,260	1,700	1,650
21	2,070	1,660	1,900	2,400	2,250	2,280	3,840	4,180	2,290	1,360	1,670	1,790
22	2,150	1,620	1,830	2,500	2,270	2,310	4,200	3,900	3,150	1,330	1,430	1,940
23	2,240	1,850	2,010	2,570	2,260	2,360	4,800	3,460	3,380	1,280	1,390	1,940
24	1,870	1,950	2,240	2,300	2,250	2,320	5,470	2,990	3,470	1,240	1,320	1,850
25	2,190	1,960	2,250	2,100	2,250	2,240	6,560	2,840	3,860	1,290	1,310	1,820
26	2,190	1,950	2,200	2,300	2,220	2,200	6,140	2,900	4,690	1,440	1,250	1,820
27	2,170	1,880	2,100	2,320	2,180	2,320	5,490	3,180	5,350	1,470	1,240	1,780
28	2,150	1,960	2,000	2,170	2,160	2,360	4,980	3,410	5,490	1,480	1,240	1,740
29	2,170	1,900	1,850	2,250		2,400	4,950	3,530	5,290	1,480	1,220	1,710
30	2,180	1,900	1,350	2,270		2,590	5,100	3,360	4,960	1,380	1,430	1,710
31	2,280		1,500	2,100		2,780		3,300		1,370	1,430	

MEAN ACRE- FEET	1,923	1,862	2,002	2,206	2,242	2,184	3,962	4,259	3,074	1,720	1,455	1,518
MEAN ACRE- FEET	118,200	110,800	123,100	135,600	124,500	134,300	235,800	261,900	182,900	105,800	89,470	90,310

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

HENRYS FORK NEAR REXBURG, IDAHO

YEAR  
X̄  
MEAN  
ACRE-  
FEET

2,366

1,713,000

Plate No. 46

Snake River Near Shelley, Idaho

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,960	3,280	4,740	3,800	4,880	4,680	10,100	16,700	8,980	10,100	4,740	4,080
2	2,020	3,340	4,820	4,300	5,000	4,790	10,900	16,200	8,810	9,540	5,000	3,590
3	2,020	3,360	4,850	4,800	4,900	4,710	11,500	15,700	8,150	9,310	5,250	2,820
4	2,010	3,220	5,150	5,300	5,000	5,120	11,900	15,600	7,590	8,320	5,280	2,910
5	2,030	3,390	5,190	5,790	5,300	5,670	12,300	15,500	6,830	7,290	5,000	3,320
6	2,030	3,540	5,280	5,830	5,400	5,440	12,600	14,900	6,210	6,150	4,760	3,590
7	2,050	3,520	5,190	5,730	5,500	5,250	13,000	13,700	5,730	5,060	4,850	3,870
8	2,140	3,520	5,000	5,500	5,600	5,060	11,000	12,500	6,150	4,570	5,060	4,110
9	2,470	3,540	4,970	5,200	5,200	4,970	12,600	12,200	6,860	4,680	5,060	3,990
10	2,700	3,540	5,220	4,800	4,940	4,680	12,000	11,500	7,000	4,010	5,250	3,890
11	2,780	3,520	5,220	4,900	5,250	4,710	12,100	10,400	8,510	4,080	5,150	3,610
12	2,990	3,450	5,220	5,100	5,000	4,880	12,600	9,750	9,240	4,110	5,090	3,320
13	3,130	3,470	5,090	5,600	5,090	4,910	13,700	9,310	9,820	4,630	5,570	3,660
14	3,450	3,630	4,850	5,950	5,190	4,910	14,900	9,270	9,790	4,680	5,730	3,630
15	3,750	3,700	5,060	6,180	5,220	4,820	15,100	9,610	9,080	4,710	5,470	3,660
16	3,820	3,750	4,970	6,000	5,220	4,790	15,000	10,200	8,350	4,970	5,150	3,630
17	3,870	3,660	5,150	5,600	4,880	4,550	15,100	10,500	7,820	5,220	5,410	3,430
18	3,750	3,540	5,120	5,400	5,350	5,090	15,200	10,100	6,830	5,150	5,310	3,390
19	3,630	3,630	5,220	5,600	5,630	5,350	15,300	10,100	5,990	5,150	4,940	3,410
20	3,410	3,720	5,120	5,380	5,350	6,310	15,500	10,700	5,310	5,350	4,520	3,820
21	3,340	3,630	4,550	6,110	4,970	7,620	15,600	12,300	5,350	5,510	4,440	4,390
22	3,390	3,750	3,990	6,960	4,940	8,220	15,900	13,100	5,470	5,350	4,340	4,550
23	3,410	3,770	4,660	6,930	4,850	8,380	16,400	12,500	7,330	5,440	4,260	4,600
24	3,340	4,040	4,790	6,400	4,550	8,350	17,300	11,500	7,430	5,600	4,340	4,340
25	3,130	4,210	5,630	5,920	4,660	8,280	18,200	10,800	8,250	5,860	4,260	4,040
26	3,320	4,260	6,180	5,510	4,940	8,250	18,600	10,500	9,080	6,050	4,140	3,700
27	3,280	4,340	6,110	5,540	4,740	8,320	18,100	9,820	10,000	5,470	4,080	3,390
28	3,240	4,390	5,410	5,600	4,660	8,420	17,400	9,710	11,200	4,490	3,840	3,030
29	3,240	4,550	4,160	5,000		8,580	16,700	9,820	12,000	3,890	3,840	2,890
30	3,300	4,570	3,800	5,300		8,680	16,700	9,510	11,300	4,260	3,840	2,680
31	3,360		3,600	5,060		9,010		8,940		4,630	4,110	

MEAN	2,979	3,728	4,978	5,519	5,079	6,284	14,510	11,710	8,049	5,601	4,777	3,645
ACRE- FEET	183,200	221,800	306,100	339,400	282,100	386,400	863,600	719,900	478,900	344,400	293,700	216,900

BLACKFOOT RIVER BYPASS NEAR BLACKFOOT, IDAHO

Daily discharge, in second-feet, of

for the year ending September 30, 19

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	113	0	0	0	98	455	514	33	74	0	0
2	0	99	1.8	0	0	164	525	496	24	2.9	0	0
3	0	117	0	0	.2	148	537	477	7.0	0	2.0	0
4	1.0	140	0	0	0	148	525	381	8.8	0	5.0	0
5	8.8	127	0	0	.5	153	499	290	6.6	0	7.0	0
6	18	125	0	0	0	158	485	233	8.8	0	6.0	0
7	22	127	0	0	0	148	548	155	9.4	0	0	0
8	46	103	0	0	0	137	540	164	18	0	0	0
9	65	71	0	0	0	134	485	68	49	0	0	0
10	34	65	0	0	0	130	411	0	52	0	0	0
11	3.4	63	0	0	0	127	444	0	82	0	0	0
12		57	0	0	0	130	488	0	108	0	0	0
13		60	0	0	0	130	537	0	224	0	0	1.0
14	57	67	0	0	0	132	597	0	181	0	0	0
15	130	29	0	0	0	135	582	0	153	0	0	0
16	178	5.1	0	0	0	135	418	0	205	0	0	0
17	367	2.8	0	0	0	137	356	0	148	0	0	0
18	287	6.0	0	0	0	164	367	0	23	0	1.6	0
19	263	13	0	0	0	263	474	0	0	0	.7	0
20	217	9.4	0	0	0	256	529	20	0	0	0	0
21	199	3.7	0	25	0	214	518	44	0	0	0	0
22	178	1.9	0	150	0	221	563	44	2.5	0	0	0
23	140	0	0	50	0	253	685	18	88	0	0	0
24	125	0	0	30	0	240	749	16	230	0	0	0
25	113	0	0	18	0	217	807	25	403	0	0	0
26	101	0	0	18	0	208	842	5.8	363	0	0	0
27	92	0	0	9.4	0	253	873	0	279	0	0	0
28	92	.3	0	1.9	0	286	799	0	293	0	0	0
29	95	0	0	0	0	276	624	0	314	0	3.2	0
30	103	0	0	0	0	328	510	10	227	0	24	0
31	105	0	0	0	0	367		31		0	8.3	0

MEAN	98.1	46.8	.06	9.75	.02	190	559	96.5	118	2.48	1.86	.03
ACRE- FEET	6,030	2,790	3.6	600	1.4	11,680	33,270	5,930	7,020	153	115	2.0

BLACKFOOT RIVER BYPASS NEAR BLACKFOOT, IDAHO

YEAR 93.4  
OF PERIODS 67,600  
MEAN ACRE-  
FEET

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	111	225	116	60	123	220	376	417	170	225	104	93
2	118	215	100	80	124	275	384	428	168	131	120	57
3	130	228	110	100	125	277	388	417	132	83	143	22
4	166	238	114	110	127	277	384	378	140	104	158	33
5	197	235	110	120	128	271	372	352	150	95	167	46
6	202	233	107	130	128	271	366	334	155	93	160	60
7	207	235	109	140	128	268	402	273	149	88	86	59
8	221	226	96	130	134	262	398	266	161	45	102	43
9	237	215	106	120	125	262	380	212	193	35	90	38
10	223	213	96	110	124	271	368	52	178	22	83	48
11	185	215	104	110	125	281	370	10	215	20	60	49
12	150	213	88	113	127	285	384	21	232	14	65	118
13	172	213	95	115	128	269	400	30	292	18	89	152
14	226	215	93	117	131	260	417	43	292	35	96	111
15	264	201	118	120	107	262	411	93	292	14	82	96
16	283	156	109	122	121	260	366	124	309	18	88	93
17	338	170	100	123	121	262	344	146	292	37	89	83
18	293	178	103	124	110	273	350	144	218	36	117	83
19	288	188	95	125	104	307	386	113	154	42	131	103
20	271	185	102	144	117	309	409	123	134	89	179	114
21	264	176	92	196	107	294	400	160	92	92	39	123
22	254	168	76	290	118	292	417	162	128	60	37	130
23	242	164	93	200	110	304	457	136	226	43	53	120
24	237	160	92	150	120	304	495	150	279	41	79	90
25	232	155	104	130	120	294	504	170	356	45	59	86
26	230	123	95	127	113	290	509	121	352	64	32	60
27	223	121	97	126	113	296	518	64	309	89	60	36
28	223	160	78	125	100	311	497	44	306	95	95	7
29	223	121	47	125		319	455	71	315	69	128	6
30	226	103	44	125		336	417	132	279	68	201	20
31	228		40	125		360		164		76	167	

MEAN ACRE- FEET	221	188	94.5	130	120	285	411	173	222	641	98.7	72.6
13,610	11,200	5,810	8,000	6,660	17,500	24,440	10,610	3,940	6,070	4,322		

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,250	3,590	4,510	3,310	4,430	4,940	9,810	15,300	5,110	8,580	1,220	1,630
2	997	3,470	4,610	4,070	5,090	5,150	11,200	16,100	5,220	5,960	1,350	1,450
3	1,050	3,640	4,670	4,510	4,990	5,200	12,200	15,300	4,370	5,520	1,850	1,723
4	1,020	3,660	4,800	4,940	5,070	5,110	12,800	14,700	3,590	5,460	2,390	366
5	1,070	3,540	5,050	5,410	5,460	6,380	13,200	14,300	2,810	4,450	2,070	518
6	1,100	3,810	5,070	5,700	5,590	7,050	13,200	13,700	2,280	3,160	1,800	970
7	1,100	3,840	5,050	5,630	5,790	5,900	13,300	12,600	1,650	2,260	1,730	1,190
8	1,240	3,820	4,880	5,410	5,830	5,430	13,300	10,700	1,650	1,220	1,930	1,680
9	1,470	3,810	4,820	5,010	5,590	5,320	13,300	9,760	2,820	962	2,260	1,640
10	1,820	3,770	4,900	4,670	5,150	5,110	13,200	8,500	3,330	778	2,300	1,740
11	1,900	3,750	5,110	4,690	5,010	4,920	13,000	7,250	4,600	464	2,600	1,520
12	2,120	3,700	5,050	5,130	5,110	5,180	13,300	6,380	6,470	355	2,440	1,410
13	2,290	3,660	5,050	5,370	5,010	5,200	14,300	5,630	7,220	458	2,810	1,470
14	2,740	3,750	4,710	5,720	5,200	5,240	15,300	5,260	7,900	770	3,190	1,680
15	3,140	3,880	4,880	6,030	5,240	5,150	15,700	5,570	7,520	738	3,050	1,590
16	3,700	3,860	5,010	5,720	5,320	5,090	15,700	6,170	6,910	810	2,650	1,600
17	3,940	3,810	4,960	5,590	5,170	4,990	15,400	6,720	6,380	1,040	2,720	1,520
18	3,880	3,680	5,150	5,260	5,050	5,010	15,400	6,470	5,540	1,180	2,680	1,360
19	3,750	3,660	5,070	5,480	5,630	5,740	15,600	6,100	4,170	1,140	2,350	1,370
20	3,920	3,790	5,030	5,370	5,610	6,350	15,800	5,420	3,260	1,350	1,980	1,650
21	3,610	3,750	4,650	5,900	5,150	7,250	15,900	7,850	3,160	1,710	1,510	2,320
22	3,730	3,720	3,790	7,320	5,070	8,340	16,000	9,110	3,700	1,660	1,440	2,780
23	3,680	3,790	4,230	6,880	5,050	8,680	16,500	8,660	4,990	1,490	1,210	2,820
24	3,640	3,880	4,570	6,470	4,920	8,680	17,500	7,650	5,350	1,570	1,110	2,840
25	3,380	4,110	5,300	6,280	4,650	8,560	18,500	6,720	6,580	1,940	1,140	2,560
26	3,420	4,170	5,870	5,720	5,010	8,470	19,200	6,350	7,450	2,320	970	2,320
27	3,400	4,230	5,680	5,370	5,010	8,500	19,300	5,680	8,530	2,290	866	1,880
28	3,400	4,290	5,200	5,130	4,800	8,660	18,500	5,200	9,620	1,550	1,100	1,460
29	3,350	4,350	4,050	5,410		8,760	17,400	5,350	10,700	778	1,180	1,110
30	3,380	4,430	3,430	4,710		8,920	16,500	5,410	10,500	488	1,450	922
31	3,450		3,500	5,370		9,190		5,050		1,040	1,540	

MEAN ACRE- FEET	2,643	3,840	4,795	5,406	5,179	6,531	15,010	8,612	5,446	2,113	1,900	1,603
ACRE- FEET	162,500	228,500	294,800	332,400	287,600	401,600	893,200	529,500	324,100	129,900	116,800	95,380



PORTNEUF RIVER AT POCATELLO, IDAHO

Daily discharge, in second-feet, of

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	91	228	256	240	350	347	910	949	231	319	85	66
2	89	226	256	240	340	346	954	945	205	292	80	67
3	90	229	251	240	330	332	1010	940	196	257	78	69
4	80	244	252	235	330	326	1040	945	184	232	78	70
5	88	243	253	230	325	326	1030	946	170	215	76	71
6	83	228	259	245	320	325	1010	957	168	193	76	72
7	68	234	254	250	322	324	1020	965	180	171	74	73
8	73	227	254	243	313	316	971	957	180	164	78	73
9	80	246	256	237	312	309	914	962	176	144	81	76
10	90	277	252	257	312	303	878	960	176	144	95	68
11	98	252	255	250	311	299	878	952	199	120	90	59
12	118	251	257	245	313	297	868	942	231	122	97	58
13	138	248	238	240	330	292	882	928	211	111	97	81
14	165	239	256	280	333	289	872	918	194	108	102	82
15	178	238	243	377	323	288	869	882	192	107	104	85
16	195	245	252	341	324	290	849	852	196	106	103	91
17	200	254	252	271	319	294	844	780	205	106	99	99
18	203	258	252	243	310	314	870	722	216	105	94	104
19	186	267	250	261	307	393	884	675	220	95	94	103
20	177	272	250	422	311	408	891	626	234	95	90	104
21	164	268	240	696	314	387	904	569	294	92	89	109
22	153	267	230	848	316	381	933	523	315	92	91	109
23	182	267	230	878	312	412	991	477	328	90	90	108
24	206	268	235	845	312	436	1060	445	334	88	88	107
25	199	270	245	700	335	426	1120	419	371	88	88	101
26	206	264	250	550	381	434	1100	399	381	86	88	102
27	205	250	250	480	360	474	1050	383	396	86	79	105
28	208	265	240	450	346	558	1000	353	380	84	76	104
29	214	258	230	415		674	1968	330	353	92	75	98
30	218	251	215	380		764	1951	284	329	90	74	98
31	225		235	360		854		261		88	71	

MEAN	151	251	247	385	325	394	951	718	248	135	86.5	87.1
ACRE- FEET	9,260	14,940	15,170	23,700	18,070	24,230	56,570	44,120	14,770	8,290	5,320	5,180

U. S. GOVERNMENT PRINTING OFFICE 16-50006-1  
 PORTNEUF RIVER AT POCATELLO, IDAHO  
 YEAR 331  
 MEAN 239,630  
 ACRE-  
FEET  
 Plate No. 51.

Daily discharge, in second-feet, of

FORT HALL MICHAUD CANAL NEAR POCATELLO, IDAHO

for the year ending September 30, 19 69

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	46						0	38	150	178	153	110
2	49						0	22	163	182	146	136
3	63						0	23	166	190	145	128
4	63						0	26	166	178	151	112
5	63						0	28	166	194	162	131
6	62						0	28	166	194	161	100
7	52						0	51	166	218	166	91
8	54						0	48	170	214	163	83
9	32						0	45	178	210	109	84
10	40						0	42	170	210	110	86
11	37						0	53	147	208	166	78
12	37						0	62	149	133	154	86
13	40						0	68	141	141	152	98
14	18						0	68	86	224	152	104
15	9						0	69	81	214	150	135
16	0						0	69	150	220	150	135
17	0						0	76	147	220	149	129
18	0						0	89	145	214	145	121
19	0						0	93	147	212	145	117
20	0						0	93	155	182	145	74
21	0						0	90	145	216	146	74
22	0						0	90	148	208	149	74
23	0						0	98	177	205	124	74
24	0						0	106	150	194	122	74
25	0						0	108	152	196	148	76
26	0						0	122	148	116	135	74
27	0						0	134	147	80	138	70
28	0						0	159	72	193	144	67
29	0						38	157	81	177	147	72
30	0						0	155	148	183	84	74
31	0						0	155		163	73	

MEAN	21.5	0	0	0	0	0	1.27	79.5	146	189	141	95.6
ACRE- FEET	1,320	0	0	0	0	0	75	4,890	8,680	11,640	8,700	5,690

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

FORT HALL MICHAUD CANAL NEAR POCATELLO, IDAHO

YEAR  
OR  
PERIOD

MEAN

ACRE-  
FEET

56.6

40,980

Plate No. 52.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17						0	18	96	94	92	66
2	17						0	18	96	108	89	66
3	17						0	18	96	112	89	66
4	26						0	18	96	112	88	66
5	31						0	38	95	112	88	66
6	28						0	43	95	112	88	66
7	28						0	43	95	112	88	66
8	28						0	43	95	112	88	66
9	28						0	43	95	107	88	53
10	28						0	43	102	107	88	53
11	28						0	43	96	112	88	53
12	28						0	49	78	112	76	53
13	28						0	60	60	112	70	53
14	28						0	60	55	112	83	53
15	20						0	60	55	118	87	50
16	17						0	60	54	120	76	50
17	17						0	60	54	120	70	50
18	6						0	60	54	131	84	52
19	0						0	64	53	135	88	50
20	0						0	66	67	135	88	50
21	0						0	66	70	135	88	50
22	0						0	66	70	126	89	36
23	0						0	74	87	121	89	36
24	8						0	77	92	115	89	36
25	17						0	77	92	115	89	36
26	17						0	77	92	102	90	36
27	0						0	77	93	97	90	36
28	0						0	89	93	98	90	36
29	0						0	95	93	98	71	36
30	0						14	96	94	98	66	36
31	0							96	98	98	66	

MEAN	14.9	0	0	0	0	0	.467	58.0	82.1	113	84.3	50.7
ACRE- FEET	916	0	0	0	0	0	28	3,560	4,890	6,940	5,180	3,020

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	746	847	1070	1267	1277	1283	1286	1702	1561	1436	927	450
2	741	853	1076	1271	1274	1282	1289	1702	1552	1433	907	438
3	737	859	1084	1277	1274	1282	1289	1695	1543	1425	892	420
4	729	867	1093	1283	1274	1281	1229	1696	1534	1417	874	409
5	726	874	1100	1284	1275	1283	1350	1695	1521	1407	858	394
6	720	883	1120	1287	1278	1286	1367	1694	1511	1390	840	382
7	715	889	1131	1288	1281	1289	1394	1696	1497	1377	824	371
8	714	895	1138	1292	1282	1289	1422	1689	1486	1359	809	360
9	712	901	1146	1291	1282	1288	1448	1688	1471	1343	793	352
10	713	910	1150	1289	1283	1288	1469	1687	1465	1325	778	342
11	714	919	1155	1287	1282	1287	1492	1682	1457	1308	762	334
12	712	918	1167	1288	1282	1285	1517	1677	1462	1288	747	326
13	716	930	1176	1289	1283	1285	1541	1671	1460	1268	733	317
14	717	940	1181	1289	1283	1285	1567	1660	1461	1250	720	311
15	720	942	1184	1289	1284	1283	1598	1659	1463	1231	707	305
16	730	954	1190	1289	1284	1282	1619	1654	1465	1210	689	298
17	735	963	1197	1288	1285	1282	1643	1649	1465	1191	676	291
18	741	971	1205	1288	1283	1282	1662	1647	1462	1172	663	283
19	751	978	1211	1289	1283	1284	1684	1635	1455	1151	650	278
20	755	986	1217	1289	1283	1288	1703	1635	1446	1133	636	271
21	767	993	1224	1291	1283	1289	1713	1633	1428	1114	622	266
22	773	996	1227	1298	1284	1290	1713	1632	1419	1095	607	264
23	783	1007	1234	1300	1284	1292	1707	1630	1413	1079	592	262
24	791	1005	1244	1299	1282	1291	1712	1628	1405	1061	576	259
25	797	1021	1250	1299	1284	1288	1716	1622	1404	1041	557	259
26	804	1030	1258	1294	1283	1285	1720	1615	1406	1026	540	258
27	812	1037	1266	1295	1283	1284	1717	1601	1408	1009	524	255
28	820	1046	1269	1290	1283	1286	1710	1596	1416	995	504	251
29	825	1055	1269	1290		1287	1704	1587	1426	977	489	245
30	829	1062	1268	1282		1287	1706	1580	1433	958	476	239
31	840		1267	1281		1286		1572		941	463	

MEAN ACRE- FEET	YEAR OR PERIOD	MEAN ACRE- FEET

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5,510	3,000	3,090	5,510	9,500	8,100	13,300	20,000	13,000	9,650	12,200	10,400
2	6,750	3,000	3,200	5,160	9,500	8,100	12,400	19,200	13,200	11,200	12,400	10,300
3	6,590	3,030	3,320	4,970	8,520	8,100	5,670	20,000	13,100	12,300	12,600	10,200
4	6,390	3,030	3,260	5,010	7,960	8,100	5,130	19,100	12,100	12,400	12,100	10,200
5	6,390	3,030	2,760	6,350	8,000	8,100	5,130	18,300	12,400	12,400	13,400	10,200
6	6,350	3,030	804	7,210	8,000	8,140	5,160	17,200	13,000	12,700	12,500	9,850
7	6,350	3,030	1,890	7,250	8,050	8,140	4,720	15,200	12,800	12,600	13,700	9,600
8	5,710	3,030	3,760	7,250	8,100	8,140	4,020	15,200	12,700	12,400	12,800	9,450
9	4,750	3,060	3,760	8,050	8,100	8,140	4,020	13,400	12,400	12,200	12,600	8,950
10	4,260	3,060	3,790	8,380	8,000	8,330	4,050	12,100	11,800	12,000	12,600	8,470
11	4,260	3,060	3,790	8,420	8,000	8,470	4,050	12,000	11,100	12,200	12,500	8,380
12	4,360	3,060	3,950	8,470	8,000	8,520	4,050	12,600	10,700	12,500	12,600	8,050
13	4,570	3,090	4,180	8,710	8,050	8,520	4,080	12,200	10,200	12,800	12,600	7,510
14	4,330	3,090	4,290	8,900	8,000	8,520	4,120	11,600	9,500	13,000	12,400	7,290
15	4,150	2,980	4,320	8,900	7,960	8,520	4,540	11,800	9,350	13,100	12,400	7,250
16	3,820	2,890	4,360	9,000	8,000	8,520	5,160	11,600	9,100	13,300	12,600	7,740
17	3,410	2,890	4,430	9,100	8,190	7,780	5,630	11,400	8,860	13,200	12,400	7,920
18	2,890	2,890	4,460	9,150	8,380	8,050	5,360	11,500	9,100	13,400	12,200	7,600
19	2,690	2,890	4,500	9,250	8,380	8,050	5,910	11,600	10,200	13,500	11,800	7,510
20	2,690	2,890	4,400	9,200	8,190	8,190	10,600	11,700	11,000	13,300	11,500	7,470
21	2,640	2,890	4,290	9,250	8,050	9,200	14,000	11,700	11,400	13,200	11,500	7,120
22	2,640	2,950	4,290	9,200	8,140	10,400	17,900	12,000	11,400	13,200	11,600	6,750
23	2,640	3,090	4,290	9,950	8,100	11,500	18,700	12,400	11,400	13,300	11,600	6,550
24	2,640	3,090	4,320	10,700	8,100	12,800	18,700	12,800	10,800	13,400	11,800	6,470
25	2,640	3,090	4,360	10,800	8,050	13,400	18,300	13,200	10,200	13,300	12,000	6,390
26	2,660	3,090	4,360	10,800	8,050	12,900	19,700	13,400	9,950	13,200	12,100	6,270
27	2,660	3,090	4,460	10,700	8,050	10,800	22,100	13,500	8,700	13,000	12,200	6,230
28	2,640	3,090	5,790	10,300	8,050	11,400	23,300	13,200	8,520	12,700	12,000	6,430
29	2,640	3,090	6,710	9,350		11,700	21,100	13,000	8,710	12,400	11,600	6,590
30	2,640	3,120	5,030	9,350		12,400	20,000	13,000	9,100	12,000	11,000	6,750
31	2,870		5,550	9,550		13,000		13,000		11,900	10,600	

MEAN	4,082	3,021	4,089	8,522	8,195	9,485	10,430	13,870	10,860	12,640	12,190	7,996
ACRE- FEET	251,000	179,700	251,400	524,000	455,100	583,200	620,600	852,700	646,200	777,000	749,600	475,800

U. S. GOVERNMENT PRINTING OFFICE 16-00008-1  
 SNAKE RIVER AT NEELEY, IDAHO  
 YEAR  
 OF  
 PERIOD  
 MEAN  
 ACRE-  
 FEET  
 8,794  
 6,366,000  
 Plate No. 55



Daily discharge, in second-feet, of \_\_\_\_\_ for the year ending September 30, 19 05

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	606						0	1660	1570	1330	1650	1310
2	692						0	1660	1580	1620	1650	1260
3	764						0	1670	1600	1840	1650	1260
4	790						0	1660	1660	1880	1640	1220
5	790						0	1630	1670	1880	1640	1160
6	790						0	1580	1610	1890	1640	1140
7	748						0	1580	1520	1890	1640	1110
8	698						0	1640	1390	1900	1630	1080
9	688						0	1660	1290	1900	1600	932
10	702						0	1680	1200	1910	1590	891
11	702						0	1750	992	1910	1600	860
12	700						0	1770	958	1920	1600	781
13	698						0	1780	936	1920	1550	779
14	598						0	1800	882	1920	1640	775
15	478						46	1770	882	1920	1700	772
16	440						215	1720	871	1920	1640	772
17	367						349	1720	812	1920	1630	772
18	126						437	1760	972	1920	1660	775
19	0						520	1850	1220	1890	1690	772
20	0						626	1870	1400	1830	1670	772
21	0						819	1870	1480	1820	1700	772
22	0						1030	1880	1490	1820	1630	728
23	0						1530	1880	1570	1820	1620	660
24	0						1800	1880	1440	1820	1580	686
25	0						1820	1880	1160	1720	1580	724
26	0						1790	1850	1080	1520	1580	737
27	0						1790	1760	963	1480	1500	801
28	0						1810	1710	911	1510	1410	836
29	0						1790	1650	963	1480	1390	836
30	0						1730	1630	1120	1430	1340	834
31	0							1590		1560	1340	

MEAN	367	0	0	0	0	0	603	1,735	1,240	1,777	1,593	894
ACRE- FEET	22,570	0	0	0	0	0	35,900	106,700	73,770	109,300	97,940	53,170

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

NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

YEAR  
1905  
MEAN  
ACRE-  
FEET

690  
499,300

Plate No. 57

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	459						0	1,310	1,350	1,190	1,270	994
2	557						0	1,330	1,300	1,320	1,260	1,060
3	596						0	1,330	1,250	1,410	1,270	1,050
4	583						0	1,330	1,240	1,450	1,300	1,030
5	562						0	1,320	1,260	1,450	1,340	946
6	529						0	1,320	1,250	1,450	1,380	868
7	512						0	1,320	1,250	1,460	1,400	871
8	476						0	1,350	1,180	1,460	1,390	838
9	447						12	1,400	1,110	1,430	1,350	769
10	429						30	1,420	1,060	1,420	1,340	757
11	445						30	1,420	910	1,490	1,370	740
12	476						30	1,420	775	1,490	1,400	684
13	479						136	1,420	769	1,490	1,400	633
14	472						231	1,420	752	1,490	1,400	604
15	411						282	1,400	781	1,490	1,390	601
16	350						322	1,380	814	1,490	1,360	583
17	322						467	1,380	823	1,490	1,330	604
18	138						630	1,370	961	1,490	1,320	601
19	0						617	1,370	1,180	1,490	1,310	588
20	0						627	1,370	1,280	1,490	1,310	575
21	0						654	1,360	1,310	1,470	1,330	532
22	0						811	1,360	1,350	1,460	1,390	506
23	0						961	1,390	1,360	1,450	1,400	514
24	0						1,040	1,440	1,280	1,410	1,380	532
25	0						1,040	1,460	1,130	1,390	1,330	542
26	0						1,090	1,440	1,010	1,390	1,300	549
27	0						1,140	1,450	931	1,370	1,290	575
28	0						1,200	1,460	919	1,370	1,240	633
29	0						1,240	1,450	958	1,350	1,200	641
30	0						1,240	1,400	1,070	1,330	1,130	646
31	0							1,380		1,310	1,060	

MEAN	266	0	0	0	0	0	461	1,386	1,087	1,427	1,321	702
ACRE- FEET	16,350	0	0	0	0	0	27,430	85,230	64,690	87,750	81,200	41,780



Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5,510	3,990	3,220	5,700	10,200	8,380	11,700	17,400	8,680	7,090	9,320	8,320
2	5,580	4,050	3,290	6,100	10,000	8,380	10,300	17,000	8,710	7,910	9,380	8,020
3	5,260	4,100	3,280	6,430	9,660	8,350	6,970	17,200	8,530	8,830	9,660	8,050
4	5,120	4,180	3,280	5,770	8,830	8,350	4,760	17,200	7,510	8,860	9,660	8,000
5	5,170	4,030	3,280	5,820	8,380	8,440	4,680	15,900	7,590	8,950	9,750	8,000
6	5,140	4,050	3,310	6,830	8,260	8,500	4,780	15,200	8,410	9,350	9,570	7,910
7	5,260	4,030	3,290	7,450	8,320	8,440	4,580	14,000	8,380	9,190	9,470	7,790
8	4,740	4,030	3,290	8,210	8,290	8,380	3,370	12,600	8,410	8,890	9,500	7,680
9	3,930	4,380	3,580	7,960	8,350	8,350	3,310	11,300	8,290	8,830	9,440	7,530
10	3,350	4,070	4,160	8,440	8,320	8,260	3,330	9,190	8,230	8,710	9,380	7,340
11	3,280	4,050	4,330	8,800	8,290	8,470	3,280	8,590	7,790	8,830	9,220	7,230
12	3,290	4,240	4,490	8,950	8,350	8,590	3,260	9,720	7,760	9,130	9,350	7,140
13	3,350	3,220	4,470	8,920	8,650	8,470	3,350	9,410	7,710	9,380	9,010	6,970
14	3,310	3,150	4,400	9,040	8,470	8,530	3,260	8,770	7,310	9,410	9,010	6,970
15	3,510	3,170	4,330	9,100	8,410	8,620	3,310	8,890	7,420	9,630	9,100	6,690
16	3,380	3,170	4,400	9,130	8,440	8,650	3,630	8,470	7,760	9,790	9,290	6,580
17	3,290	3,100	4,420	9,260	8,440	8,710	4,340	8,350	7,510	9,600	9,260	6,580
18	3,400	3,200	4,510	9,320	8,620	8,500	4,730	8,350	7,530	9,470	9,100	6,470
19	3,370	3,150	4,380	9,690	8,680	8,650	4,580	8,260	7,910	9,500	8,830	6,310
20	3,420	3,170	4,400	9,540	8,680	8,500	6,780	8,380	8,230	9,540	8,620	6,230
21	3,460	3,200	4,540	9,570	8,560	8,440	11,300	8,320	8,380	9,690	8,500	6,120
22	3,530	3,190	4,630	9,630	8,500	9,260	16,800	8,350	8,530	9,690	8,500	5,820
23	3,510	3,150	4,630	9,630	8,500	10,600	17,400	8,440	8,380	9,600	8,620	5,630
24	3,510	3,260	4,560	10,300	8,500	11,800	15,900	8,560	8,500	9,600	8,620	5,630
25	3,530	3,260	4,440	10,600	8,590	12,600	15,800	8,590	7,880	9,660	8,920	5,530
26	3,580	3,190	4,470	10,900	8,500	12,800	16,800	8,680	7,420	9,720	8,950	5,370
27	3,530	3,200	4,600	10,700	8,440	11,100	18,100	8,770	6,500	9,600	8,980	5,240
28	3,490	3,200	4,880	10,600	8,380	9,540	20,200	8,770	6,420	9,290	8,950	5,220
29	3,510	3,290	5,800	10,400		10,700	19,000	8,680	6,670	9,220	8,860	5,320
30	3,580	3,220	6,400	9,790		11,500	17,500	8,800	6,720	9,100	8,620	5,500
31	3,510		5,000	10,100		12,400		8,710		9,220	8,440	

MEAN	3,916	3,556	4,260	8,796	8,629	9,363	8,903	10,610	7,836	9,203	9,093	6,706
ACRE-FOOT	240,800	211,600	261,900	540,900	479,200	575,700	529,800	652,300	466,300	565,800	559,100	399,100

U. S. GOVERNMENT PRINTING OFFICE 16-00066-1  
 SNAKE RIVER NEAR MINIDOKA, IDAHO  
 YEAR OR PERIOD MEAN ACRE-FOOT  
 7,573  
 5,482,000  
 Plate No. 59.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	51						0	120	198	123	219	138
2	51						0	128	198	132	198	131
3	51						0	132	198	168	198	119
4	61						0	132	208	186	201	119
5	61						0	123	207	206	214	111
6	61						0	146	213	207	215	95
7	66						0	146	202	226	218	93
8	66						0	169	202	237	215	82
9	70						0	179	207	238	209	77
10	70						0	195	203	234	210	70
11	70						0	199	197	234	200	67
12	65						0	208	171	233	201	56
13	65						0	216	157	232	202	49
14	55						18	215	144	244	203	87
15	43						18	209	143	252	216	77
16	35						18	208	151	247	209	73
17	30						18	208	140	239	204	68
18	9						18	207	143	240	204	65
19	0						32	208	143	232	204	69
20	0						32	209	172	232	206	75
21	0						37	218	179	244	200	74
22	0						59	217	179	244	204	74
23	0						78	216	192	248	189	68
24	0						88	215	201	245	177	59
25	0						88	214	161	238	177	58
26	0						88	213	146	236	172	54
27	0						88	203	139	236	165	59
28	0						88	202	126	232	160	58
29	0						106	201	126	234	158	63
30	0						111	186	126	231	152	67
31	0							178		224	152	

MEAN	31.6	0	0	0	0	0	32.8	188	172	224	195	78.5
ACRE- FEET	1,940	0	0	0	0	0	1,950	11,540	10,260	13,790	12,000	4,670



Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	56						0	49	60	55	74	62
2	48						0	58	62	58	68	62
3	0						0	58	65	60	68	62
4	0						0	58	63	64	68	62
5	0						0	58	63	63	66	62
6	0						0	58	63	63	66	62
7	0						0	58	63	63	66	62
8	0						0	63	63	63	66	62
9	0						0	63	64	63	66	60
10	0						0	66	64	63	64	56
11	0						0	66	64	66	64	53
12	0						0	66	64	67	64	53
13	0						0	66	62	68	64	53
14	0						0	66	63	70	66	53
15	0						0	66	63	70	66	53
16	0						0	66	63	70	66	52
17	0						0	66	59	70	66	52
18	0						0	66	59	70	66	51
19	0						0	66	59	71	66	51
20	0						0	66	61	71	66	51
21	0						0	69	61	71	66	51
22	0						0	68	61	74	66	50
23	0						0	67	62	74	66	50
24	0						7	67	62	74	65	50
25	0						22	67	62	74	66	50
26	0						38	66	59	74	65	46
27	0						36	66	59	74	65	46
28	0						36	66	59	74	65	46
29	0						49	66	55	74	65	46
30	0						49	66	55	74	65	46
31	0							66	55	74	63	

MEAN	3.35	0	0	0	0	0	7.90	64.0	61.4	68.4	65.9	53.8
ACRE- FEET	206	0	0	0	0	0	470	3,930	3,650	4,200	4,050	3,200

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	98						0	210	265	125	264	189
2	88						0	210	267	132	267	175
3	85						0	210	269	155	267	164
4	85						0	210	268	179	260	161
5	85						0	212	265	198	257	161
6	85						0	219	261	204	264	161
7	90						0	225	249	205	258	158
8	93						0	227	240	212	258	151
9	89						0	226	210	223	254	149
10	85						0	234	198	241	252	149
11	78						0	238	195	257	238	149
12	75						0	237	177	262	233	133
13	75						0	237	164	264	233	130
14	75						28	237	146	278	232	130
15	75						36	236	143	281	232	121
16	0						36	236	155	285	232	121
17	0						42	236	160	287	231	121
18	0						44	243	159	286	231	117
19	0						58	256	173	286	231	108
20	0						62	269	184	286	230	101
21	0						112	270	187	286	230	86
22	0						129	270	189	286	237	86
23	0						143	276	194	286	245	86
24	0						163	277	195	286	247	92
25	0						166	277	156	284	247	94
26	0						166	276	133	268	247	94
27	0						166	276	119	266	247	101
28	0						190	275	115	256	240	104
29	0						187	271	114	256	227	124
30	0						192	264	114	256	215	128
31	0							263		256	195	

MEAN	40.7	0	0	0	0	0	64.0	245	189	246	242	128
AGRE- FEET	2,500	0	0	0	0	0	3,810	15,080	11,230	15,140	14,880	7,620

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,230	230	80				0	1,040	1,290	1,330	1,610	1,450
2	1,230	230	0				0	1,150	1,290	1,330	1,610	1,430
3	1,220	230	0				0	1,180	440	1,400	1,620	1,430
4	1,220	230	0				0	1,170	0	1,470	1,620	1,430
5	1,220	230	0				0	1,170	0	1,480	1,620	1,430
6	1,220	230	0				0	1,170	560	1,490	1,630	1,390
7	1,230	230	0				0	1,170	1,460	1,490	1,630	1,380
8	1,220	230	0				0	1,170	1,460	1,490	1,640	1,380
9	1,220	230	0				0	1,240	1,470	1,490	1,640	1,330
10	820	230	0				0	1,280	1,470	1,490	1,640	1,310
11	0	230	0				0	1,280	1,470	1,490	1,640	1,310
12	100	230	0				0	1,280	1,480	1,490	1,610	1,310
13	180	230	0				0	1,280	1,480	1,540	1,590	1,310
14	220	230	0				0	1,280	1,480	1,590	1,550	1,320
15	250	230	0				0	1,290	1,480	1,600	1,530	1,310
16	240	220	0				0	1,290	1,390	1,600	1,530	1,310
17	240	220	0				0	1,290	1,330	1,600	1,530	1,310
18	240	220	0				400	1,290	1,330	1,600	1,530	1,230
19	240	220	0				600	1,280	1,330	1,610	1,530	1,190
20	240	220	0				600	1,280	1,330	1,610	1,460	1,190
21	240	220	0				590	1,280	1,330	1,610	1,440	1,190
22	240	220	0				590	1,280	1,330	1,610	1,480	1,190
23	240	220	0				590	1,280	1,320	1,610	1,490	1,190
24	240	220	0				590	1,280	1,320	1,610	1,490	1,190
25	240	220	0				590	1,290	1,330	1,600	1,490	1,140
26	240	220	0				590	1,290	1,330	1,610	1,490	1,120
27	240	220	0				590	1,290	1,320	1,600	1,490	1,120
28	240	220	0				590	1,290	1,330	1,600	1,490	1,120
29	240	220	0				780	1,290	1,320	1,600	1,490	1,120
30	240	220	0				970	1,290	1,320	1,610	1,490	1,120
31	240		0					1,290	1,320	1,610	1,490	

MEAN	530	225	2.6	0	0	0	269	1,249	1,226	1,544	1,551	1,275
ACRE- FEET	32,570	13,390	159	0	0	0	16,010	76,820	72,970	94,930	95,390	75,870

Daily discharge, in second-feet, of NORTH SIDE CANAL PROJECT IN GOODING CANAL NEAR MILNER, IDAHO

for the year ending September 30, 19 69

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	900	710	160				0	790	1010	930	940	940
2	900	710	0				0	890	1010	930	940	940
3	910	710	0				0	930	1010	920	940	940
4	910	740	0				0	950	1030	920	950	940
5	910	760	0				0	950	1040	930	950	940
6	910	760	0				0	940	1030	920	950	940
7	910	760	0				0	940	1010	910	950	930
8	910	760	0				0	960	1010	910	960	930
9	910	750	0				0	990	1010	910	960	930
10	990	750	0				0	1000	1010	900	960	920
11	1140	760	0				0	1000	1010	900	960	920
12	1140	760	0				0	1000	1010	910	950	920
13	1130	590	0				0	1010	1010	910	950	920
14	1130	560	0				0	1010	1010	920	950	920
15	1050	550	0				0	1010	1010	920	950	920
16	970	530	0				0	1010	1010	920	950	910
17	950	530	0				0	1010	1000	920	950	870
18	820	530	0				170	1010	1000	920	950	900
19	750	540	0				260	990	1000	920	940	930
20	750	510	0				250	1000	1000	920	940	920
21	750	500	0				290	1000	990	920	940	920
22	750	490	0				440	1010	990	920	940	910
23	740	500	0				500	1000	980	920	940	910
24	740	500	0				680	1000	960	920	940	900
25	740	490	0				790	1000	960	920	940	910
26	740	500	0				800	1000	950	920	940	910
27	740	500	0				800	1000	950	920	940	910
28	740	490	0				800	1000	940	920	940	900
29	740	490	0				780	1000	940	930	950	900
30	740	500	0				780	1000	930	940	950	900
31	720		0					1000		940	950	

MEAN	875	608	5.2	0	0	0	245	981	994	920	947	918
ACRE- FEET	53,810	36,160	317	0	0	0	14,560	60,300	59,150	56,550	58,230	54,640

U. S. GOVERNMENT PRINTING OFFICE 16-00006-1  
 NORTH SIDE CANAL PROJECT IN GOODING CANAL NEAR MILNER, IDA. YEAR OR PERIOD 544 MEAN 544  
 ACRES-FOOT 393,700

Plate No. 65.

GOODING CANAL BELOW NORTH SIDE DIVERSION NEAR MILNER, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1210	225	70				0	1020	1270	1310	1590	1430
2	1210	225	0				0	1130	1270	1310	1590	1410
3	1200	224	0				0	1160	420	1380	1600	1410
4	1200	222	0				0	1150	0	1450	1600	1410
5	1200	221	0				0	1150	0	1460	1600	1410
6	1200	221	0				0	1150	540	1470	1610	1370
7	1210	220	0				0	1150	1440	1470	1610	1360
8	1200	220	0				0	1150	1440	1470	1620	1360
9	1200	216	0				0	1220	1450	1470	1620	1310
10	800	219	0				0	1260	1450	1470	1620	1290
11	0	218	0				0	1260	1450	1470	1620	1290
12	92	217	0				0	1260	1460	1470	1590	1290
13	170	216	0				0	1260	1460	1520	1570	1290
14	214	217	0				0	1260	1460	1570	1530	1300
15	235	216	0				0	1270	1460	1580	1510	1290
16	234	209	0				0	1270	1370	1580	1510	1290
17	234	210	0				0	1270	1310	1580	1510	1290
18	232	212	0				384	1270	1310	1580	1510	1210
19	232	212	0				578	1260	1310	1590	1510	1170
20	230	212	0				576	1260	1310	1590	1440	1170
21	230	212	0				573	1260	1310	1590	1420	1170
22	230	210	0				571	1260	1310	1590	1460	1170
23	230	211	0				573	1260	1300	1590	1470	1170
24	230	212	0				574	1260	1300	1590	1470	1170
25	230	206	0				574	1270	1310	1580	1470	1120
26	229	211	0				574	1270	1310	1590	1470	1100
27	229	211	0				571	1270	1300	1580	1470	1100
28	229	211	0				569	1270	1310	1580	1470	1100
29	228	211	0				760	1270	1300	1580	1470	1100
30	228	211	0				952	1270	1300	1590	1470	1100
31	228	228	0					1270	1300	1590	1470	

MEAN ACRE- FEET	517	215	2.3	0	0	0	261	1,230	1,208	1,524	1,531	1,255
31,780	12,810	139	0	0	0	15,530	75,590	71,860	93,700	94,160	74,680	



NORTH SIDE TWIN FALLS CANAL AT MILNER, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1370					0	361	2,190	2,640	2,400	2,920	2,620
2	1370					0	440	2,190	2,640	2,520	2,900	2,580
3	1370					0	425	2,180	2,640	2,590	2,930	2,530
4	1360					0	452	2,180	2,640	2,590	2,980	2,530
5	1310					0	526	2,180	2,640	2,660	2,960	2,510
6	1300					0	590	2,190	2,640	2,720	2,960	2,480
7	1280					0	740	2,430	2,640	2,720	2,940	2,400
8	1140					0	810	2,430	2,640	2,720	2,920	2,350
9	1140					0	796	2,370	2,660	2,700	2,930	2,370
10	1040					0	768	2,360	2,640	2,690	2,930	2,340
11	834					0	810	2,350	2,550	2,800	2,900	2,270
12	800					0	926	2,390	2,550	2,920	2,860	2,130
13	772					0	1210	2,400	2,460	2,920	2,870	2,130
14	386					0	1230	2,410	2,310	2,910	2,850	2,110
15	0					0	1190	2,390	2,280	2,980	2,860	2,040
16	0					0	1240	2,390	2,280	3,000	2,880	1,960
17	0					0	1300	2,470	2,270	2,980	2,900	1,850
18	0					0	1320	2,110	2,330	2,960	2,840	1,740
19	0					0	1430	2,610	2,450	2,980	2,790	1,740
20	0					0	1600	2,550	2,500	2,990	2,790	1,660
21	0					0	1810	2,510	2,550	2,980	2,800	1,470
22	0					0	1880	2,500	2,590	2,970	2,800	1,470
23	0					0	1910	2,500	2,650	2,960	2,790	1,450
24	0					0	1880	2,600	2,640	2,960	2,780	1,430
25	0					0	1920	2,650	2,590	2,960	2,780	1,380
26	0					0	1870	2,650	2,580	2,940	2,790	1,170
27	0					0	1870	2,650	2,460	2,950	2,750	1,160
28	0					33	1860	2,660	2,340	2,950	2,740	1,150
29	0					173	2090	2,650	2,340	2,900	2,680	1,200
30	0					246	2180	2,640	2,320	2,900	2,680	1,200
31	0					258		2,640		2,910	2,640	

MEAN	499	0	0	0	0	22.9	1,248	2,433	2,515	2,843	2,843	1,914
ACRE- FEET	30,690	0	0	0	0	1,410	74,250	149,600	149,700	174,800	174,800	113,900

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2,110	856	478	1	1	1	721	3,520	3,710	3,050	3,770	3,300
2	2,090	873	468	1	1	1	932	3,550	3,630	3,320	3,780	3,220
3	2,050	866	422	1	1	1	1,010	3,530	3,540	3,470	3,850	3,140
4	1,920	786	372	1	1	1	1,150	3,560	3,540	3,580	3,860	3,150
5	1,810	721	325	1	1	1	1,390	3,540	3,540	3,690	3,880	3,100
6	1,830	652	263	1	1	1	1,300	3,570	3,590	3,750	3,860	3,000
7	1,870	616	236	1	1	1	1,170	3,580	3,570	3,720	3,810	2,950
8	1,890	604	226	1	1	1	1,120	3,560	3,560	3,670	3,790	2,950
9	1,780	601	219	1	1	1	1,090	3,630	3,520	3,640	3,760	2,910
10	1,650	619	207	1	1	1	1,210	3,640	3,420	3,640	3,760	2,840
11	1,600	646	186	1	1	1	1,430	3,670	3,230	3,650	3,760	2,820
12	1,560	643	170	1	1	1	1,440	3,740	3,190	3,720	3,760	2,800
13	1,500	622	116	1	1	1	1,410	3,760	3,100	3,730	3,750	2,640
14	1,530	592	50	1	1	1	1,460	3,720	3,200	3,730	3,720	2,570
15	1,540	595	31	1	1	1	1,620	3,720	3,210	3,730	3,730	2,600
16	1,370	556	5	1	1	1	2,000	3,700	3,270	3,720	3,740	2,540
17	1,250	520	2	1	1	1	2,270	3,650	3,250	3,720	3,760	2,520
18	1,150	511	2	1	1	1	2,310	3,610	3,260	3,740	3,720	2,520
19	1,070	511	2	1	1	1	2,160	3,630	3,490	3,790	3,670	2,530
20	1,100	511	2	1	1	1	2,320	3,660	3,570	3,810	3,620	2,510
21	1,080	508	1	1	1	1	2,760	3,700	3,480	3,810	3,640	2,490
22	1,070	508	1	1	1	1	3,090	3,700	3,440	3,810	3,680	2,450
23	1,070	514	1	1	1	1	3,390	3,690	3,440	3,820	3,660	2,340
24	1,010	523	1	1	1	94	3,420	3,700	3,250	3,830	3,660	2,260
25	922	532	1	1	1	291	3,510	3,690	3,080	3,830	3,660	2,210
26	842	505	1	1	1	298	3,490	3,670	2,930	3,830	3,670	2,200
27	760	496	1	1	1	298	3,510	3,690	2,780	3,770	3,630	2,190
28	730	481	1	1	1	275	3,390	3,730	2,710	3,770	3,560	2,160
29	736	478	1	1	1	330	3,380	3,720	2,770	3,750	3,460	2,080
30	778	481	1	1	1	365	3,440	3,700	2,850	3,760	3,420	2,030
31	775		1	1	1	493		3,710		3,760	3,340	

MEAN	1,369	598	122	1.0	1.0	79.6	2,096	3,653	3,304	3,697	3,701	2,634
ACRE- FEET	84,180	35,560	7,520	62	56	4,890	124,700	224,600	196,600	227,300	227,600	156,700

Daily discharge, in second-feet, of

SNAKE RIVER NEAR MILNER, IDAHO

, for the year ending September 30, 19 69

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	403	2,860	2,860	6,270	9,050	8,450	10,600	9,740	27	14	205	310
2	407	2,830	3,040	7,010	9,410	8,530	9,500	9,350	27	12	201	310
3	410	2,790	3,310	7,100	10,400	8,530	7,000	9,350	38	12	201	301
4	410	2,890	3,470	6,600	9,900	8,400	3,160	9,380	430	13	201	301
5	407	3,040	3,610	6,380	9,380	8,400	1,070	8,920	27	13	201	301
6	114	3,010	3,660	6,690	9,360	8,350	1,340	7,650	27	13	203	307
7	17	3,010	3,540	7,300	9,020	8,740	1,400	6,250	27	14	203	307
8	18	3,010	3,400	6,820	8,960	8,610	1,450	4,700	30	16	203	313
9	19	2,840	3,440	6,860	8,530	8,660	2,090	2,990	31	16	205	307
10	100	3,080	3,900	7,760	8,620	8,410	1,960	1,770	21	15	205	304
11	421	3,240	4,220	9,020	8,480	8,490	1,800	370	21	13	205	304
12	417	3,190	4,410	9,880	8,450	8,690	1,560	293	16	11	203	307
13	407	3,420	4,280	10,400	8,340	8,760	1,070	210	17	11	203	307
14	646	3,130	4,200	9,730	8,820	8,630	1,130	140	15	11	205	307
15	1,100	2,690	5,160	9,400	8,670	8,740	467	108	12	12	205	307
16	1,390	2,410	5,320	9,390	8,490	8,820	264	115	12	142	203	307
17	1,820	2,390	4,410	9,360	8,630	8,820	261	114	12	205	203	307
18	2,080	2,360	4,020	9,490	8,730	8,580	264	148	13	203	205	310
19	2,180	2,350	4,290	9,380	8,710	8,560	269	78	12	203	205	310
20	2,090	2,330	3,550	9,640	8,800	8,910	1,210	35	12	203	203	307
21	2,070	2,300	4,630	9,660	8,790	8,740	4,620	36	12	203	203	307
22	2,040	2,230	4,770	9,700	8,630	8,530	9,440	36	12	203	203	310
23	2,030	2,260	5,040	9,700	8,570	8,400	12,100	38	14	203	203	307
24	2,100	2,230	5,440	9,760	8,540	10,600	9,640	39	15	205	203	304
25	2,290	2,170	5,420	11,300	8,790	11,700	8,270	39	19	208	194	304
26	2,200	2,380	5,300	11,300	8,710	12,400	9,600	39	22	210	194	304
27	2,210	2,360	5,140	11,200	8,600	12,700	10,800	21	41	205	198	301
28	2,210	2,300	5,060	10,900	8,540	11,000	13,300	18	17	210	268	299
29	2,190	2,280	5,130	10,000		9,740	13,400	20	15	214	304	288
30	2,130	2,280	4,740	9,120		10,600	10,400	18	15	210	313	290
31	2,680		6,000	8,630		11,200		21		205	310	

MEAN ACRE- FEET	1,258	2,655	4,347	8,895	8,854	9,280	4,981	2,324	33.6	111	215	305
	77,370	158,000	267,300	546,900	491,700	570,600	296,400	142,900	2,000	6,800	13,210	18,140

U. S. GOVERNMENT PRINTING OFFICE 16-00066-1  
 SNAKE RIVER NEAR MILNER, IDAHO  
 YEAR 1969  
 MEAN 3,579  
 ACRE-FOOT 2,591,000  
 Plate No. 69