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INTRODUCTION

The annual meeting of Water District No. 36 was held at Idaho Falls on March 1, 1965. 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, Harold Nagle, Lavon Christensen, Clyde Greenwell.

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

Principal resolutions adopted at the annual meeting were as follows:

1. That the following transmission losses be charged on stored water: 1.7% Moran to Palisades; 0.8% Palisades to Heise; 4.4% Heise to Lorenzo; 0.5% Lorenzo to Woodville; 6% Woodville to Blackfoot; 4% Henrys Lake to Island Park; 2% Island Park to Warm River; 0.5% Warm River to Ashton.
2. Adopted a budget of \$79,530 to cover the expense of operating the District during the coming year, of which it was estimated that \$35,000 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.
5. Reaffirmed support for the Lower Teton Reclamation Project.

Precipitation and runoff for 1965 were among the highest of record. The average precipitation for nine representative stations for the year ending September 30 was 20.15" compared to the normal of 15.56" and 19.46" during the high year of 1943. Much above normal precipitation for November, December, January and April resulted in one of the heaviest snow packs of record.

Jackson Lake and Palisades reservoirs were operated to secure maximum flood protection. Their combined usable contents on January 31 was 1,583,000 acre-feet. This was reduced to 662,000 acre-feet on April 20, which made available 1,388,000 acre-feet of vacant space on that date. This exceeds the total usable contents of Palisades Reservoir.

Palisades Reservoir filled on July 6 and Jackson Lake on July 10. The maximum discharge of 20,200 cfs at Heise occurred on July 11. Without reservoir regulation the peak for the season would have been about 38,500 cfs on June 13.

During the February through June period almost 2,000,000 acre-feet of water spilled to waste past Milner.

Withdrawal of stored water from American Falls reservoir started on June 5. Heavy rains at the end of June resulted in the refilling of this reservoir and for the third successive year permitted 100% filling of all reservoir rights.

The 1916 "floodwater" rights were cut on July 21. The lowest cuts in decrees occurred on September 12-16 when the 1898 rights were cut. This appears to be the first season that 1897 rights have not been cut. In the next best year of 1943 the February 6, 1895, rights were cut for a few days at the end of August.

Regulation was discontinued on September 25.

Several canals in the Blackfoot area diverted more water than needed late in the summer to lower the river and facilitate bridge construction at Blackfoot. Palisades releases at that time were governed by power needs and were greater than required to fill canal demands.

Combined usable storage in the reservoir system on September 30 was 3,095,000 acre-feet. This is 76% of capacity and the greatest holdover of record.

Flow past Milner for the water year in excess of Idaho Power Company rights amounted to 2,600,000 acre-feet. There was no curtailment of flow during the year at Minidoka dam for upstream storage.

Studies at the Lynn Crandall damsite on Snake River were continued by the Bureau of Reclamation. The Corps of Army Engineers completed drilling and continued studies on the Ririe project on Willow Creek.

PERSONNEL

The persons engaged in water distribution during 1965 were as follows:

H. C. Eagle	Watermaster and Deputy Com. of Reclamation
Arthur L. Larson	Hydraulic Engineer and Deputy Watermaster
Robert W. Harper	Engineering Technician and Hydrographer
O. P. Mortensen	Deputy Watermaster and Hydrographer at St. Anthony
Oleen Dummer	Hydrographer
A. H. Bush	Hydrographer
Charlotte E. Wood	Clerk
Arthur W. Wilson	Deputy Watermaster and Hydrographer, Teton Basin
Seth L. Hansen	Deputy Watermaster, Teton Basin
L. C. Anderson	Deputy Watermaster, Lower Teton River

Personnel, continued

S. B. Garrett	Deputy Watermaster, Henrys Fork
Elmer Lenz	Deputy Watermaster, Upper Fall River
D. R. Anthony	Deputy Watermaster, Heise Division
J. M. Brown	Deputy Watermaster, Rigby Division
J. A. Barmforth	Deputy Watermaster, Idaho Falls Division
Carl J. Anderson	Deputy Watermaster, Blackfoot Division
Howard Weeks	Deputy Watermaster, Swan Valley Division
D. L. Crandall	Supt. Minidoka Project, Bur. of Reclamation
C. R. Finley	Supt. Am. Falls Res., Bureau of Reclamation
Edw. Wilske	Asst. Supt. Am. Falls Res., Bureau of Reclamation
James L. Braman	Supt. Jackson Lake, Bureau of Reclamation
C. T. Vaughan	Supt. Palisades Res., Bureau of Reclamation
Jim Wilson	Supt. Palisades Res., Bureau of Reclamation
John Williams	Supt. Island Park Res., Bureau of Reclamation

Gage Readers: Foster B. Randall, D. R. Anthony, Mrs. Irvin Siepert, R. E. Wagner, W. R. Etherington, R. H. Seymour Mario M. Purin, Ray Flavel, Dean W. Davis, Raymond Howerton, Earl D. Sears, Rogers Livingston, D. B. Pulliam, H. B. Gamble, Geo. Sutherland, W. A. Templeton.

SNOW SURVEYS

The results of snow surveys for the past ten years are shown in the following tabulations. The figures for earlier years are shown in previous annual reports of the District. Normals are those computed by Soil Conservation Service and are for period 1948-62 for snow courses in use during that time.

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Moran (Snake River)</u>								
1956	35	9.6	50	14.0	54	16.6	47	18.5
1957	24	5.1	41	8.2	41	12.1	42	13.6
1958	31	6.4	43	8.7	40	11.5	35	11.5
1959	21	4.9	36	7.6	43	11.3	37	11.0
1960	12	1.8	25	5.2	36	9.5	30	10.3
1961	25	4.8	26	6.2	33	7.9	26	7.5
1962	35	8.0	41	10.4	43	12.4	44	14.2
1963	11	1.8	27	5.2	29	8.6	25	8.2
1964	21	3.8	40	9.1	38	10.1	43	12.7
1965	37	10.3	52	14.1	48	15.8	50	17.6
Normal		5.4		8.6		11.4		12.5

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Moran Canyon (Snake River)</u>								
1956	-	-	76	22.8	84	27.9	75	30.4
1957	-	-	63	14.9	65	20.1	70	24.6
1958	-	-	53	14.1	66	21.5	65	23.9
1959	-	-	51	12.8	66	18.6	61	12.3
1960	-	-	38	7.5	48	13.3	-	(14.8)
1961	-	-	35	9.5	49	13.6	49	16.5
1962	-	-	57	17.3	65	23.0	70	26.0
1963	-	-	-	-	45	13.1	39	13.9
1964	-	-	54	13.7	49	16.7	66	20.4
1965	-	-	74	20.9	69	23.7	72	26.2
Normal	-	-		13.6		19.1		23.1

<u>Arizona Station (Snake River)</u>								
1956	48	14.2	69	21.8	74	26.1	68	27.8
1957	29	7.3	53	12.3	62	18.8	63	22.1
1958	37	8.4	39	10.1	50	14.8	50	17.2
1959	24	5.8	43	9.2	56	14.7	62	17.8
1960	16	2.6	32	6.2	40	10.8	44	13.9
1961	30	7.3	33	8.3	47	12.8	46	15.3
1962	44	11.7	49	14.1	61	19.3	67	23.5
1963	15	3.0	30	5.7	36	9.8	33	10.3
1964	28	6.6	50	12.5	62	18.3	60	18.7
1965	48	13.7	67	19.8	63	22.2	66	25.0
Normal		7.4		11.8		16.8		19.7

<u>Huckleberry Divide (Snake River)</u>								
1956	55	15.4	73	22.9	77	26.2	69	28.0
1957	31	7.9	52	12.9	64	18.1	63	21.2
1958	40	9.5	43	11.6	55	17.1	55	18.8
1959	20	6.8	47	10.4	58	15.6	62	18.5
1960	17	3.0	35	6.3	43	10.9	46	13.7
1961	32	7.6	33	8.6	46	12.7	50	15.2
1962	44	11.6	52	14.9	63	20.1	68	23.7
1963	16	3.5	35	6.6	42	10.7	38	11.6
1964	29	6.7	52	12.9	49	14.5	63	19.7
1965	46	12.7	66	18.9	64	22.7	65	24.1
Normal		8.1		14.0		17.5		20.6

<u>Snake River Station (Snake River)</u>								
1956	53	15.0	77	23.9	80	28.2	72	30.0
1957	32	8.8	58	14.3	67	20.7	69	24.4
1958	42	10.3	45	12.3	58	18.1	56	20.1
1959	30	7.9	42	11.0	61	16.8	63	19.8
1960	14	2.3	33	6.3	44	11.7	43	14.2
1961	37	8.7	37	10.1	53	15.1	57	17.9
1962	48	12.8	53	15.9	63	20.2	66	23.2
1963	19	4.8	41	8.3	49	13.2	44	14.6
1964	28	6.2	52	12.5	52	15.0	65	20.3
1965	46	12.8	66	18.6	71	23.8	70	25.7
Normal		8.6		13.3		18.6		22.1

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Lewis Lake Divide (Snake River)</u>								
1956	105	35.8	139	50.5	164	61.3	143	65.8
1957	53	17.6	88	27.3	119	41.1	123	48.0
1958	74	20.4	72	23.6	101	34.1	99	38.0
1959	54	17.3	76	23.4	112	36.4	122	42.7
1960	26	5.5	56	13.4	66	21.1	78	27.1
1961	54	15.6	51	17.0	89	27.6	102	36.1
1962	86	25.9	86	30.8	116	42.4	133	50.4
1963	31	9.7	59	14.8	75	23.6	71	26.3
1964	45	12.8	79	22.8	79	26.8	112	37.3
1965	87	28.8	121	39.5	126	48.8	130	52.1
Normal		18.4		27.6		38.1		45.9
<u>Aster Creek (Snake River)</u>								
1956	85	27.3	106	36.8	125	44.5	113	48.7
1957	40	12.3	69	19.0	97	29.9	96	35.3
1958	59	14.8	53	16.4	69	21.8	70	24.8
1959	38	11.0	55	15.5	81	24.1	85	27.5
1960	21	3.6	45	9.7	49	14.6	56	16.6
1961	41	11.8	42	12.3	71	19.7	79	25.9
1962	67	20.4	71	23.1	93	32.0	106	38.2
1963	28	8.0	48	10.9	61	17.7	56	19.2
1964	32	8.0	65	16.5	62	18.3	81	25.4
1965	78	24.7	102	33.9	99	37.9	107	41.9
Normal		13.3		20.4		28.3		34.1
<u>Colter Creek (Snake River)</u>								
1956	61	17.2	85	24.0	94	28.0	80	33.1
1957	39	10.4	59	15.7	76	25.4	81	29.0
1958	-	-	46	13.0	64	18.9	57	20.8
1959	-	-	48	12.3	65	18.7	59	20.8
1960	-	-	36	8.1	50	12.8	44	15.5
1961	-	-	34	9.2	53	15.5	59	19.1
1962	-	-	55	16.2	68	21.9	70	25.4
1963	-	-	38	8.4	49	14.0	47	15.7
1964	-	-	57	12.8	52	16.4	74	22.4
1965	-	-	-	-	74	25.3	78	26.9
Normal	-	-		14.4		20.6		24.1
<u>Glade Creek (Snake River)</u>								
1956	55	15.8	80	25.8	89	29.9	80	33.1
1957	33	9.5	59	14.9	72	22.1	74	26.4
1958	43	11.1	49	14.1	60	19.5	60	21.8
1959	30	7.4	42	11.0	61	17.1	62	20.3
1960	13	2.1	33	6.3	45	12.0	49	15.0
1961	36	8.6	35	10.0	50	13.9	60	18.3
1962	51	14.0	56	17.5	70	23.4	70	27.4
1963	16	3.9	37	9.0	44	11.8	44	13.0
1964	29	6.5	52	12.9	50	15.1	67	20.6
1965	47	13.9	69	20.6	71	25.0	74	27.0
Normal		9.1		14.4		19.9		23.9

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>Base Camp (Snake River)</u>								
1956	48	13.7	67	20.1	75	23.7	62	25.8
1957	30	7.3	53	12.4	59	18.4	61	22.3
1958	33	7.9	40	9.7	46	13.8	43	14.2
1959	-	-	51	11.5	58	15.3	55	17.7
1960	14	2.7	30	6.1	40	10.5	42	13.5
1961	-	6.3	32	7.3	44	11.5	38	12.3
1962	44	11.1	46	13.3	56	17.3	59	20.5
1963	17	4.0	42	8.6	42	12.0	37	12.4
1964	28	6.5	52	12.8	51	15.2	64	19.7
1965	52	16.0	81	23.8	71	26.9	75	29.9
Normal		8.2		11.5		16.7		19.2

Average water content of ten Jackson Lake courses

1956	-	26.3	31.2	34.1
1957	-	15.2	22.7	26.7
1958	-	13.4	19.1	21.1
1959	-	12.5	18.9	20.8
1960	-	7.5	12.7	15.5
1961	-	9.8	15.0	18.4
1962	-	17.4	23.2	27.2
1963	-	7.7	13.4	14.5
1964	-	13.8	16.2	21.7
1965	-	23.3	27.2	29.6
Normal	-	15.0	20.7	24.5

Year	Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W
<u>Turpin Meadows (Buffalo River)</u>						
1956	44	12.0	54	14.1	42	14.9
1957	39	8.3	39	10.1	41	11.0
1958	34	6.8	37	10.1	35	10.1
1959	37	7.3	42	10.1	36	11.1
1960	16	2.8	24	5.6	24	6.8
1961	25	5.6	31	7.4	28	8.4
1962	34	8.5	40	11.4	40	12.1
1963	27	4.9	31	7.1	22	6.4
1964	35	7.9	38	9.6	43	12.5
1965	48	10.6	40	12.4	42	12.9
Normal		7.5		10.0		11.2

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

<u>Year</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>Four Mile Meadows (Buffalo River)</u>						
1956	49	13.4	59	16.9	53	18.4
1957	39	8.4	44	10.4	48	13.1
1958	36	7.5	39	10.1	43	12.6
1959	42	9.1	41	12.4	46	13.6
1960	24	4.6	33	7.8	34	9.6
1961	32	7.5	40	10.0	44	11.4
1962	40	10.1	49	13.3	54	15.9
1963	35	6.3	42	10.0	36	10.5
1964	42	9.5	45	11.8	51	15.1
1965	50	12.3	44	14.0	48	16.1
Normal		9.0		11.5		13.9

<u>Black Rock (Buffalo River)</u>						
1956	69	21.9	85	27.5	78	31.9
1957	53	12.6	57	16.1	65	20.5
1958	52	11.8	59	16.3	60	19.5
1959	60	15.2	72	19.9	67	24.3
1960	39	9.5	48	13.4	57	17.4
1961	41	10.1	52	13.3	57	17.1
1962	51	14.8	68	20.2	72	25.0
1963	48	9.1	60	15.8	52	17.3
1964	56	13.5	57	16.8	68	22.3
1965	77	20.3	68	24.5	76	28.2
Normal		14.4		18.5		21.7

<u>Togwotee Pass (Buffalo River)</u>						
1956	86	29.4	108	36.2	99	41.5
1957	67	16.9	73	22.6	81	27.9
1958	64	15.1	70	21.5	73	26.2
1959	75	20.9	87	26.8	84	32.2
1960	54	14.4	64	19.1	74	24.6
1961	54	15.3	67	19.0	71	24.0
1962	66	21.6	86	28.3	89	33.4
1963	64	13.6	77	22.0	69	24.4
1964	70	18.3	70	22.1	85	30.3
1965	99	28.1	86	33.5	99	39.4
Normal		19.6		25.0		31.3

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Valley View Ranch (Henrys Fork)</u>								
1956	40	9.7	54	13.9	57	17.1	46	15.9
1957	30	6.7	44	10.5	51	13.6	59	18.1
1958	28	5.2	31	6.5	38	9.2	42	12.5
1959	19	2.7	32	6.2	47	11.6	44	12.8
1960	14	1.5	24	4.4	30	6.9	32	8.0
1961	25	4.8	23	5.8	39	10.1	42	13.4
1962	37	9.0	46	12.8	54	15.8	58	19.4
1963	21	4.7	31	7.6	32	8.4	35	9.0
1964	22	4.6	45	11.5	50	14.8	58	19.4
1965	45	11.2	76	23.5	64	24.0	65	25.9
Normal		5.5		9.6		13.2		16.4

<u>Big Springs (Henrys Fork)</u>								
1956	44	11.8	70	20.5	80	23.8	58	22.7
1957	37	9.5	58	14.5	63	22.0	71	26.6
1958	43	9.2	42	10.9	49	14.4	53	18.0
1959	22	4.3	45	10.8	59	16.3	55	16.9
1960	13	1.5	27	5.6	38	10.0	34	11.0
1961	31	6.8	30	8.8	53	16.5	56	19.8
1962	49	13.5	56	17.5	68	22.8	69	25.6
1963	15	3.2	28	6.2	35	9.2	32	10.4
1964	26	5.8	49	11.4	53	14.9	65	21.8
1965	58	13.3	81	22.2	69	24.6	68	26.3
Normal		7.9		13.7		19.6		22.6

<u>Island Park (Henrys Fork)</u>								
1956	36	9.0	58	17.8	64	19.8	48	17.0
1957	31	7.2	48	10.4	52	15.4	58	19.4
1958	37	7.1	41	9.7	42	11.8	44	14.4
1959	16	2.1	35	6.8	51	13.1	44	13.7
1960	14	1.5	26	4.8	36	7.9	30	8.9
1961	27	5.5	26	7.0	45	12.5	45	15.0
1962	40	10.2	49	13.2	57	17.6	62	20.3
1963	14	3.0	25	4.9	31	7.8	30	8.8
1964	23	4.5	42	8.7	43	11.1	51	15.9
1965	55	11.5	73	19.4	60	20.4	55	20.8
Normal		6.1		10.8		15.3		17.6

<u>Grassy Lake (Falls River)</u>								
1956	72	22.4	107	36.8	122	42.6	103	46.0
1957	49	15.5	92	24.0	100	35.8	103	40.5
1958	58	15.0	71	21.0	81	28.0	83	32.3
1959	40	12.7	73	20.2	90	28.7	90	33.6
1960	21	3.9	52	11.7	68	20.1	74	25.2
1961	49	13.2	46	15.1	74	23.3	81	28.6
1962	70	20.4	77	25.6	92	34.4	100	39.9
1963	26	7.1	54	14.3	63	19.0	69	22.3
1964	40	10.1	74	19.7	78	24.4	97	33.1
1965	71	22.6	103	32.8	102	38.5	103	42.6
Normal		14.7		22.3		30.8		36.8

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Teton Pass (Teton River)</u>								
1956	86	26.5	113	35.6	121	42.4	116	51.2
1957	45	13.8	64	19.4	91	28.4	98	35.1
1958	76	16.1	86	22.4	97	30.1	101	37.4
1959	44	12.3	76	21.6	96	29.4	102	36.9
1960	26	5.0	48	12.1	67	20.6	82	28.1
1961	47	11.8	47	14.2	70	20.0	75	25.7
1962	65	18.3	82	26.2	96	32.9	110	42.1
1963	23	5.8	33	8.5	52	16.0	65	21.3
1964	33	9.0	64	17.7	67	21.7	85	27.7
1965	70	20.6	92	28.7	100	38.6	106	39.0
Normal		14.0		22.4		30.1		37.4
<u>State Line (Teton River)</u>								
1956	33	9.6	51	13.6	58	17.9	49	18.9
1957	29	6.2	40	9.3	46	12.9	49	16.6
1958	45	7.9	54	11.6	48	14.4	46	15.8
1959	22	4.9	37	8.3	48	12.4	48	14.2
1960	15	2.0	25	5.0	38	9.9	36	12.4
1961	29	5.3	29	6.1	41	9.3	35	10.9
1962	35	8.1	40	10.4	48	14.0	48	15.5
1963	9	1.9	19	4.0	21	5.9	23	6.5
1964	21	4.0	38	9.8	41	12.2	50	16.8
1965	32	9.0	48	13.0	51	16.1	59	17.7
Normal		6.1		9.8		13.3		16.1
<u>East Rim (Hoback River)</u>								
1956	32	7.8	45	10.7	46	12.8	51	15.9
1957	21	5.2	28	6.7	33	9.3	36	11.1
1958	28	5.9	27	6.5	33	8.9	36	9.9
1959	22	5.7	31	6.9	37	10.4	36	10.3
1960	8	1.1	15	3.5	23	4.7	26	7.6
1961	15	2.7	15	2.8	21	4.0	24	6.5
1962	32	8.2	39	10.5	45	11.8	51	14.4
1963	7	1.0	27	4.8	27	5.8	26	6.7
1964		-	30	5.8	32	7.4	41	10.0
1965		-	51	12.3	49	16.6	52	17.7
Normal		-		6.4		10.0		11.9
<u>Bryan Flat (Hoback River)</u>								
1956	24	6.5	39	8.1	41	11.1	35	11.5
1957	21	4.5	28	5.8	27	8.3	31	9.2
1958	32	6.5	32	7.6	35	8.9	33	10.3
1959	16	3.9	26	6.0	31	8.3	27	9.4
1960	10	1.0	14	4.6	20	4.4	18	5.4
1961	-	-	18	4.3	23	5.3	21	5.9
1962	-	-	36	9.7	40	11.5	42	13.3
1963	-	-	13	2.3	7	1.9	5	1.6
1964	-	-	26	4.7	28	5.8	36	8.2
1965	-	-	35	11.5	37	13.4	38	14.0
Normal		-		7.0		9.1		11.1

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Gros Ventre (Gros Ventre River)</u>								
1956			48	13.6	51	14.5	56	16.2
1957			31	7.1	42	9.0	41	12.6
1958			32	6.7	-	7.2	32	8.8
1959			-	-	43	11.9	46	13.7
1960			21	5.0	-	14.0	31	9.0
1961			19	4.0	34	8.0	37	9.8
1962			43	12.0	54	15.0	57	17.1
1963			37	8.5	32	8.0	34	9.2
1964			37	8.0	34	8.0	49	17.2
1965			58	14.5	56	19.0	55	19.0
Normal				8.1		11.1		12.8
<u>Grover Park Divide (Salt River)</u>								
1956	27	7.1	38	9.8	50	13.1	53	12.1
1957	24	5.4	34	7.5	33	9.9	42	13.6
1958	26	6.0	41	8.4	45	13.0	43	14.9
1959	21	5.2	24	5.5	37	9.3	32	10.2
1960	16	2.6	25	5.1	39	10.5	35	11.3
1961	23	5.5	21	4.6	30	7.5	29	7.5
1962	30	8.1	37	10.5	43	12.9	40	15.0
1963	7	1.0	23	5.1	30	7.4	25	8.1
1964	18	3.9	30	6.7	33	9.0	42	13.1
1965	31	7.9	51	12.4	41	13.6	40	13.4
Normal		5.0		7.7		10.4		12.4
<u>CCC Camp FF12 (Salt River)</u>								
1956	27	7.2	46	10.5	51	13.2	39	12.1
1957	29	6.5	33	7.8	40	11.4	46	14.9
1958	26	6.0	37	7.9	35	10.7	37	12.4
1959	24	5.8	24	5.9	38	9.3	33	10.7
1960	15	2.6	24	5.0	38	9.3	26	9.6
1961	25	5.3	24	4.8	28	6.5	30	6.9
1962	31	7.0	36	9.3	45	11.7	40	11.5
1963	8	1.6	22	5.0	28	7.8	27	8.5
1964	20	4.0	36	8.0	38	9.6	45	13.5
1965	38	8.8	49	13.4	48	16.3	50	16.6
Normal		5.1		7.8		10.4		12.0
<u>Salt River Summit (Salt River)</u>								
1956	37	10.1	59	14.8	66	18.2	50	18.5
1957	36	7.3	39	10.0	50	14.6	54	18.6
1958	35	7.8	44	9.9	51	16.1	49	16.1
1959	27	6.7	30	7.4	45	11.6	42	14.3
1960	15	2.0	26	5.0	41	10.1	35	12.3
1961	31	7.3	30	6.6	38	8.7	36	10.0
1962	40	8.7	44	13.0	57	14.9	55	19.4
1963	11	2.0	29	5.6	41	10.4	38	11.8
1964	24	5.4	45	10.3	43	12.5	54	16.6
1965	50	12.4	60	16.6	60	22.1	56	19.6
Normal		6.5		10.2		13.3		16.0

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Greys Boundary (Greys River)</u>								
1956	19	4.5	38	7.8	44	11.5	30	10.8
1957	22	4.2	30	6.3	28	8.5	32	12.4
1958	36	6.9	45	10.2	41	13.5	35	12.2
1959	16	4.7	23	6.2	37	11.0	36	11.9
1960	9	1.9	24	5.0	37	9.2	27	10.5
1961	22	5.3	21	3.9	26	6.9	25	7.5
1962	30	6.8	39	9.5	42	10.9	39	13.2
1963	T	0	20	4.5	12	3.3	T	0
1964	24	4.2	39	9.8	40	11.6	51	15.1
1965	19	4.4	41	9.1	35	10.8	35	11.9
Normal		4.9		7.8		10.8		12.2

On April 1, 1965, the snow (water content) was the following average percent of normal: above Jackson Lake 116%, Moran to Heise 115%, Island Park 127%, Falls River 116%, Teton River 104%.

Comparable figures for run-off during the year ending September 30, 1965, as percent of normal were: Snake River at Moran 127%, Snake River near Heise 131%, Henrys Fork near Ashton 122%, Falls River near Squirrel 118%, Teton River near St. Anthony 119%.

Precipitation for November, December, January, April, June and September was much above normal. For all other months it was below normal.

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

Forecasts by Soil Conservation Service - April 1, 1965

	Runoff in acre-feet - April thru Sept.		
	Forecast	Observed*	% difference
Snake River at Moran	1,000,000	1,126,000	-11.2
Snake River near Heise	4,800,000	5,260,000	- 8.7
Salt River near Etna	510,000	455,200	+12.0
Henrys Fork near Ashton	715,000	757,600	- 5.6
Teton River nr. St. Anthony	520,000	467,700**	+11.2

* Corrected for storage in upstream reservoirs

** Corrected for inflow from Cross Cut Canal.

Forecasts by U. S. Weather Bureau - April 1, 1965

<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	989,000	1,126,000	-12.2
Snake River near Heise	4,570,000	5,260,000	-13.1
Salt River near Etna	397,000	455,200	-12.8
Henrys Fork near Ashton	680,000	757,600	-10.2
Henrys Fork near Rexburg	1,590,000	2,040,000**	-22.0
Falls River nr. Squirrel	522,000	482,300	+ 8.2
Teton River nr. St. Anthony	506,000	467,700	+ 8.2

* Corrected for storage in upstream reservoirs

** Corrected for diversions.

1965 REGULATION SCHEDULE

July 7	Cut off 1939 priority rights
10	Filled part of March 31, 1921 priorities
17	Filled part of August 6, 1920 priorities
21	Cut off January 22, 1916 rights
23	Filled part of December 22, 1915 priority
26	Filled part of August 6, 1908 priority
30	Filled part of October 7, 1905 priority
Aug. 3	Filled part of March 26, 1903 priority
13	Cut off Oct. 11, 1900 rights above Blackfoot
16	Filled part of March 26, 1903 priority
23	Filled part of October 7, 1905 priority
31	Filled part of March 26, 1903 priority
Sept. 3	Cut off 1902 rights
7	Cut off Oct. 11, 1900 rights above Blackfoot
12	Cut off 1898 rights
17	Filled part of March 26, 1903 priority
20	Filled part of March 30, 1921 priority
25	Discontinued regulation.

WATER SUPPLY

Runoff in acre-feet at various gaging stations during the year ending September 30, 1965, was as follows:

<u>Station</u>	<u>1965 Runoff</u>	<u>Average runoff past years</u>	<u>Years of Record</u>	<u>1965 % of Average</u>
Snake River at Moran	1,327,000	1,041,000	62	127
Snake River near Heise	6,515,000	4,964,000	55	131
Snake River at Neeley	7,210,000	4,921,000	39	146
Falls River near Squirrel	648,300	546,900	51	118
Teton River near St. Anthony	646,900	543,000	32	119
Henrys Fork near Ashton	1,218,000	994,600	45	122
Henrys Fork near Rexburg	1,739,000	1,380,000	56	126

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

Runoff was above normal for all stations.

Peak daily discharges were as follows:

Snake River at Moran	4,870 cfs on July 10
Snake River near Heise	20,200 cfs on July 11
Snake River near Blackfoot	18,300 cfs on June 30
Henrys Fork near Rexburg	8,610 cfs on June 28
Teton River near St. Anthony	3,080 cfs on June 12
Blackfoot River near Blackfoot	1,410* cfs on May 10
Snake River at Milner	20,800 cfs on June 24

* Includes 861 cfs in Bypass channel.

No significant flooding occurred on any of the above streams.

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

Holdovers on September 30 in thousands of acre-feet

<u>Year</u>	<u>Jackson Lake</u>	<u>Pali-sades</u>	<u>American Falls</u>	<u>Lake Walcott</u>	<u>Henrys Lake</u>	<u>Island Park</u>	<u>Grassy Lake</u>	<u>Total</u>
1956	369.7		623	94.5	68.9	80.0	13.1	1,249.2
1957	615.8	423	293	92.2	68.8	50.1	11.9	1,554.8
1958	497.3	535	256	21.3	54.7	17.2	9.3	1,390.8
1959	551.3	449	90	95.2	63.1	19.8	6.4	1,274.8
1960	375.0	42	14	32.8	45.5	12.8	4.5	526.6
1961	3.3	294	101	57.2	38.8	13.6	5.6	513.5
1962	525.4	770	265	92.5	67.5	65.0	11.3	1,796.7
1963	611.9	696	353	87.0	64.1	33.5	6.3	1,851.8
1964	588.4	849	475	89.8	62.8	68.7	10.4	2,144.1
1965	631.6	1,161	1,023	95.3	70.4	102.8	11.3	3,095.4
Av.	477.0	522	349	75.8	60.5	46.4	9.0	1,539.8

Palisades figures are after deducting 200,000 acre-feet dead storage. The usable capacity of the above reservoirs is 4,072,000 acre-feet. The 1965 holdover is the greatest of record.

CHANGES IN POINT OF DIVERSION

None.

LITIGATION

The District Court of the Twelfth Judicial District for the County of Fremont awarded a decree of 2.0 cubic feet per second of the waters of Pole Creek in Teton County with priority date of October 22, 1901, to Marvis J. Murdock and Ellen Murdock. This decree was awarded on August 18, 1965.

COMMUNITY LATERAL MANAGERS

None.

CANAL DELIVERIES

Daily diversions from Snake River by canals above American Falls reservoir during the 1965 irrigation season are shown on Plates 6-10. 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 the 1965 irrigation season by all canals in the district, including headwater areas, as tabulated in the annual watermaster bill, amounted to 7,580,000 acre-feet. This is almost the same as in 1963 and 1964.

Diversions during 1965 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	4,100	900	4.6
Progressive Irr. Dist.	213,800 (a)	32,000	6.7
Farmers Friend	92,380	10,400	8.9
Enterprise Canal	41,150	5,500	7.5
Nelson	380	55	6.9
Mattson Craig & Arnsberger	3,360	470	7.2
Ross & Rand	750	145	5.2
Butler Island	13,130	1,070	12.3
Steele	2,440	220	11.1
Harrison	137,700	13,000	10.6
Cheney	1,590	130	12.2
Rudy Irr. Co.	59,400	5,000	11.9
Kite & Nord	1,750	190	9.2
Burgess	247,200	22,000	11.2
Clark & Edwards	21,300	1,800	11.8
Lowder	11,830	1,000	11.8
East Labelle	31,870	3,000	10.6
Sunnydell	40,530	3,780	10.7
Lenroot	32,390	3,100	10.4
Reid	52,060	5,500	9.5
Texas Feeder	80,880	9,500	8.5
Nelson Corey	1,610	330	4.9
Hill Pettinger	1,330	200	6.7
Rigby	47,360	4,000	11.8
Dilts	7,010	610	11.5
Island	47,670	4,000	11.9
W. Labelle & Long Island	134,900	11,500	11.7
Parks & Lewisville	87,420	7,500	11.6
North Rigby	15,420	1,400	11.0
White	760	110	6.9
Ellis	1,100	70	15.7
Bramwell	1,600	470	3.4
Butte & Market Lake	80,320	20,000	4.0
Osgood	10,610 (d)	5,820	1.8
Bear Island & Smith	1,080	330	3.3
Idaho	240,900 (a)	35,880	7.0
Kennedy	9,760	2,700	3.6
Great Western & Porter	205,100	28,230 (b)	7.3
Kellar	0	0	0
Woodville	23,760	2,500	9.5
Snow River Valley	191,600 (a)	21,520	8.9
Reservation	60,520 (c)	41,120	1.5
Blackfoot	79,660	15,000	5.3
New Lava Side	35,140	6,000	5.9

Diversions by Snake River canals, 1965 - continued

Canal	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Peoples	114,500	20,000	5.7
Aberdeen	336,500	63,000	5.3
Corbett	51,700	6,000	8.6
Nielsen-Hansen	3,040	460	6.6
Riverside	36,090	5,000	7.2
Danskin	50,960	6,000	8.5
Trego	17,970	1,800	10.0
Wearyrick	16,030	1,600	10.0
Watson	30,600	3,000	10.2
Parsons	13,160	940	14.0
Fort Hall Michaud Canal	18,520 (e)	5,474 (e)	3.2
Michaud (Falls Irrig.)	21,370 (d)	6,068 (d)	3.5
Minidoka Irr. Dist.	480,650	72,250	6.7
Burley Irr. Dist.	270,600	43,250	6.3
Minidoka North Side Pump	50,650	14,568	3.5
Twin Falls Canal Co.	1,089,000	202,700	5.4
North Side Canal Co.	1,093,000	159,400	6.9
Milner Low Lift	59,400	13,790	4.3
Gooding	423,200	64,000	6.6
Total	6,551,560	1,017,350	6.5

(a) Received additional water from Willow and Sand Creeks

(b) Includes 7,680 acres outside New Sweden District to which water was delivered.

(c) Received additional water from Sand Creek & Blackfoot R.

(d) Received much additional water from wells.

(e) An additional 2,373 acre-feet was pumped from wells for irrigation of another 1,343 acres.

These main river canals diverted about 3% more water than in 1963 and about the same amount as in 1964.

Of the 3,466,000 acre-feet diverted by lower valley canals (below Neeley), 847,000 acre-feet or 24% was stored water. Upper valley main canals diverted 3,085,000 acre-feet, of which 115,000 acre-feet or 3.7% was stored water.

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

Diversions in Thousands of Acre-feet
Heise to Blackfoot

<u>Year</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1956	544	748	841	680	543	3,356
1957	172	665	854	727	551	2,969
1958	509	733	811	597	435	3,085
1959	580	788	814	690	519	3,391
1960	592	791	825	615	487	3,310
1961	584	746	711	521	292	2,854
1962	530	749	837	703	557	3,376
1963	303	553	907	668	476	2,907
1964	277	560	869	717	556	2,979
1965	389	721	806	661	468	3,045
Average	448	705	828	658	488	3,127

Henrys Fork and Tributaries
(excluding headwater areas)

1956	202	259	239	187	128	1,015
1957	152	248	262	212	134	1,008
1958	209	247	231	177	114	978
1959	223	270	233	190	130	1,046
1960	216	261	221	178	132	1,008
1961	170	247	174	138	75	804
1962	235	261	221	196	140	1,053
1963	174	207	250	189	115	935
1964	163	212	256	203	144	978
1965	188	249	248	197	124	1,006
Average	193	246	234	187	124	983

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

Minidoka Project

<u>Year</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1956	70	149	148	183	159	91	800
1957	25	117	155	185	162	109	753
1958	22	174	149	181	167	96	789
1959	74	119	166	183	159	85	786
1960	46	162	165	188	157	109	827
1961	21	169	156	175	134	28	683
1962	30	122	140	189	163	111	755
1963	18	116	114	191	160	89	688
1964	5	133	97	200	178	112	725
1965	27	136	158	187	139	111	758
Average	34	140	145	186	158	94	757

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>
1956	83	208	211	236	225	169	1,132
1957	58	194	213	240	232	176	1,113
1958	61	208	214	243	230	168	1,124
1959	106	181	201	234	223	142	1,087
1960	76	194	206	240	226	170	1,112
1961	84	185	147	196	159	60	831
1962	70	190	202	247	236	191	1,136
1963	71	183	193	246	230	168	1,091
1964	42	186	201	247	244	192	1,112
1965	86	195	209	237	224	166	1,117
Average	74	192	200	237	223	160	1,086

Twin Falls Project

1956	104	207	198	225	213	154	1,101
1957	61	192	196	225	218	157	1,049
1958	85	209	196	225	215	144	1,074
1959	118	185	190	222	213	128	1,056
1960	95	207	201	227	215	160	1,105
1961	108	194	190	228	204	110	1,034
1962	98	196	191	232	223	181	1,121
1963	76	193	186	238	220	162	1,075
1964	41	197	185	239	233	178	1,073
1965	98	209	203	232	219	159	1,120
Average	88	199	194	229	217	153	1,080

Gooding Project

1956	22	83	85	99	90	72	451
1957	11	74	88	99	91	75	438
1958	23	78	91	99	94	76	461
1959	27	78	82	93	85	68	433
1960	21	89	91	99	89	63	452
1961	16	82	77	84	79	18	356
1962	22	83	87	102	99	85	478
1963	15	75	82	101	94	81	448
1964	2	76	90	102	97	79	446
1965	16	75	82	95	85	71	424
Average	18	79	86	97	90	69	439

At most points total diversions for the season were greater than average and greater than in 1964.

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

RIVER DATA

The usual methods of segregating stored water and normal flow at the reservoir outlets was continued in use during 1965. 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. Owing to occasional wind effect on the Lake levels it was necessary to adjust the computed quantities over short periods to avoid unwarranted fluctuations in the computed normal flow at reservoir outlet. For some time after storage draft started a lag of several days was maintained in making normal flow cuts to avoid any possible natural flow losses at the high lake levels existing at Palisades and Jackson Lake. Later on in the season when dropping lake and river levels resulted in bank storage return this water was gradually recovered for credit as stored water so that it balanced out by the end of the irrigation season.

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

The net total of stored water passing the Blackfoot gaging station during the irrigation season was 133,353 acre-feet. This was for a 74-day period and is much larger than in many years. This would average about 910 cfs of stored water per day. With the large reservoir holdovers in 1965 this extra spill should have no effect on 1966 reservoir filling.

Palisades releases after about August 20 were greater than needed for irrigation requirements. With the large reservoir holdovers, the power plant was run to fill all power demands. This resulted in

excess spill at Blackfoot.

Summer discharge of Blackfoot River at mouth was again greater than usual. The Indian Service 1891 decree was never cut and their Blackfoot Reservoir holdover on September 30 was 267,000 acre-feet.

A number of canals were bothered with moss growth during the 1965 season. The Aberdeen canal reported an overall loss of 35.7% compared to 35.6% in 1964.

STORED WATER DELIVERIES

Reservoir Allotments

American Falls

American Falls contents on July 3 1,701,000 acre-feet

All rights were filled 100% requiring an allotment of 1,700,000 acre-feet.

Jackson Lake

Jackson Lake was filled to capacity until July 21. All rights were 100% filled requiring an allotment of 847,000 acre-feet.

Palisades Reservoir

Palisades Reservoir usable contents on July 23 was 1,200,000 acre-feet. All rights were 100% filled requiring an allotment of 1,200,000 acre-feet.

1965 Storage allotments in Acre-feet (Downstream order from Heise)

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Poplar Irrigation Dist.	673	1,589	1,500	3,812
Progressive Irr. Dist.	12,485	7,209	28,500	48,194
Farmers Friend		2,000	9,400	11,400
Enterprise Canal Co.	8,923	11,252	19,600	39,775
Mattson Craig			1,440	1,440
Butler Island			250	250
Harrison	12,025	11,943	23,500	47,468

Storage allotments - continued

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Rudy	2,649	3,530	15,700	21,879
Burgess	9,496	10,603	31,400	51,499
Clark & Edwards			800	800
Lowder		1,040	1,600	2,640
East Labelle			800	800
Sunnydell		4,000	6,300	10,300
Lenroot	3,868	5,234	7,850	16,952
Reid	2,549	1,472	3,150	7,171
Texas & Liberty Park			4,700	4,700
Enterprise Irr. Dist. (N.F.)	10,188	5,883		16,071
Fremont-Madison Irr. Dist.			1,000	1,000
Rigby			6,300	6,300
Island			4,700	4,700
Dilts	886	511	1,200	2,597
West Labelle			1,000	1,000
Long Island			5,000	5,000
Parks & Lewisville			5,500	5,500
North Rigby			1,200	1,200
Butte & Market Lake	4,666	2,695	44,000	51,361
Osgood (U.I.S.Co.)	13,459	7,771	15,250	36,480
Bear Island	191	110		301
Sakaguchi (Smith & Kennedy)	71	91		162
Clement Bros (Kennedy)	0	105	0	105
Owners Mutual	0	200	290	490
Shattuck Irrigation	0	0	3,900	3,900
Idaho	22,911	13,230	58,800	94,941
Martin	2,006	2,659	5,600	10,265
New Sweden Irr. Dist.	25,731	19,857	31,400	76,988
West Side Mutual			2,350	2,350
Woodville	6,047	3,491	6,000	15,538
Snake River Valley	26,367	30,225	35,300	91,892
Palisades Water Users			50,230	50,230
Blackfoot	12,763	7,370	4,050	24,183
New Lava Side			11,750	11,750
Peoples	21,415	20,365	35,000	76,780
Aberdeen	55,591	74,626	152,800	283,017
Corbett	3,396	1,961	6,300	11,657
Riverside			1,500	1,500
Danskin			2,350	2,350
Trego	1,314	758	3,200	5,272
Wearyrick			600	600
Watson			2,350	2,350
Parsons			700	700
Total above Blackfoot	259,670	251,780	656,160	1,167,610

Storage allotments - continued

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Michaud (Indian Service)	47,700		83,900	131,600
Falls Irrig. Dist.	23,300		40,900	64,200
Minidoka Irrig. Dist.	83,563	186,030	35,000	304,593
Burley Irrig. Dist.	157,942		39,200	197,142
Minidoka N. S. Pump	47,593		90,800	138,393
Milner Low Lift	45,687		44,500	90,187
Twin Falls Canal Co.	151,185	97,183		248,368
Hillsdale	41,146			41,146
North Side Canal Co.	397,214	312,007	116,600	825,821
Gooding	400,000		1,000	401,000
Idaho Power Co.	45,000			45,000
City of Pocatello			50,000	50,000
Westvaco			5,000	5,000
J. R. Simplot			2,500	2,500
U. S.			*34,440	34,440
Total below Blackfoot	1,440,330	595,220	543,840	2,579,390
	259,670	251,180	656,140	1,167,690
Grand Total	1,700,000	847,000	1,200,000	3,747,000

* Wyoming 33,000; Salmon Falls 1,000; contingencies 440.

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

Summary of Water District No. 36 Rentals - 1965

Sources

U. S. Indian Service	1,845 a.f.	Swan Valley	120 a.f.
Falls Irrigation Dist.	<u>1,845</u>	Heise to Shelley	880
		Reservation Canal	750
	3,690 a.f.	Milner Low Lift	1,360
		Other	<u>580</u>
			3,690 a.f.

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

There were several canals that rented water directly to individuals in their system instead of having them rent through the pool committee. The Fremont-Madison Irrigation District rented 100 acre-feet to users in the Henrys Fork area.

Supply and Disposal of stored water, 1965
(acre-feet)

Supply

Jackson Lake	July 11	859,530
Palisades (usable)	July 12	1,197,000
American Falls	July 6	1,696,000
Lake Walcott	July 6	99,640
Henrys Lake	July 14	81,800
Island Park	July 15	134,480
Grassy Lake	Aug. 3	14,960
Indian & Bergman Res. yield		154
Sheridan Creek right		1,380*
Grain Neeley to Milner		88,401*
Total		4,173,345

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

Disposal

Used by Snake River rights		1,003,858
Used by Henrys Fork rights		36,486
Storage transmission loss Snake River		27,544
Storage transmission loss Henrys Fork		1,523
Storage transmission loss Cross Cut		0
River operation storage waste past Milner		9,886
Henrys Lake Loss		1,773
Holdovers: Jackson	Sept. 23	633,250
Palisades (usable)	Sept. 24	1,157,000
American Falls	Sept. 23	1,022,000
Lake Walcott	Sept. 23	96,870
Henrys Lake	Sept. 20	68,800
Island Park	Sept. 21	102,730
Grassy Lake	Sept. 7	11,360
Total		4,173,080

The difference is 265 acre-feet with less storage being accounted for than required. The difference is much less than the accuracy of measurements.

Total reservoir holdovers at end of season were 3,092,000 acre-feet. This is over 76% of active capacity and the greatest of record.

With the large holdovers it is likely that all reservoirs will fill in 1966. No attempt was made to compute the distribution of holdovers in the various reservoirs.

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 years 1958 to 1965.

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

Year	(from wells)			(from Am.Falls Res.)			Excess	Contr. to Gr. Water
	Acres	Pumped	Consumed	Acres	Del'd	Consumed		
1958	2,391	5,213	4,300	922	4,600	1,650	2,950	-1,350
1959	2,745	5,166	4,900	4,434	11,500	8,000	3,500	-1,400
1960	2,774	5,329	5,000	4,455	13,500	8,050	5,450	450
1961	2,774	6,230	5,000	4,555	14,800	8,200	6,600	1,600
1962	2,774	4,905	5,000	4,455	13,200	8,020	5,180	180
1963	2,774	4,051	5,000	4,455	13,900	8,020	5,880	880
1964	2,774	5,439	5,000	4,455	15,040	8,020	7,020	2,020
1965	2,774	4,550	5,000	4,455	16,830	8,020	8,810	3,810

Area No. 2 (Tributary below American Falls)

Year	(from wells)			(From Am. Falls Res.)			Excess	Contr. to Gr. Water
	Acres	Pumped	Consumed	Acres	Del'd	Consumed		
1958	407	1,291	740	507	3,838	918	2,920	2,180
1959	845	1,653	1,500	1,509	4,227	2,720	1,507	7
1960	885	2,100	1,600	1,613	4,608	2,900	1,708	108
1961	884	2,820*	1,600	1,613	5,060	2,900	2,160	560
1962	884	2,540	1,600	1,613	4,900	2,900	2,000	400
1963	884	2,071	1,600	1,613	4,956	2,900	2,056	456
1964	884	2,123	1,600	1,613	5,284	2,900	2,384	784
1965	884	1,818	1,600	1,613	5,829	2,900	2,929	1,329

* Includes 536 acre-feet pumped from well and delivered to land under West Branch canal.

The above data is computed assuming a consumptive use of 1.8 acre-feet per acre. Deliveries to East Branch Canal are reduced by

4% for estimated canal loss in the 1½ miles which is non-tributary to American Falls Reservoir. No account is taken of this 4% loss in the contribution to ground water in Area 2.

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

GROUNDWATER PUMPING

An additional credit to American Falls reservoir is water now pumped from wells by the City of Pocatello, Westvaco Company, J. R. Simplot, and Fort Hall Michaud Project. Palisades contracts for Westvaco and Simplot provide that storage charges be made on one-half of water pumped. The City of Pocatello is permitted to pump 7,000 acre-feet each season before there is any charge. In the case of the Fort Hall Michaud Project 22,400 acre-feet of pumping from wells is permitted before there is a charge against their reservoir storage.

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

<u>Canal</u>	<u>Pumped</u>	<u>Storage Charge</u>
Fort Hall Michaud Project (wells)	2,373	0
City of Pocatello	4,690	
J. R. Simplot Co.	2,840	1,420
Westvaco Co.	<u>1,420</u>	<u>710</u>
Total	11,323	2,130

It appears that American Falls reservoir will fill and spill in 1966 so that the effect of this pumping in American Falls contents will be removed.

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, 1965 (Alpine dates and 24-hr. cfs except as noted)

Station	May	June	July	Aug.	Sept.	Total
Moran	82,490	79,500	92,510	101,620	63,585	419,705
Snake-Alpine	298,900	519,700	393,270	215,650	136,230	1,563,750
Total gain cfs	216,410	440,200	300,760	114,030	72,645	1,144,045
Mean gain cfs	6,981	14,670	9,702	3,678	2,422	7,477
Total gain a.f.	429,200	873,100	596,500	226,200	144,100	2,269,100

Gain in Snake River, Alpine gaging station to State line, 1965

Station	May	June	July	Aug.	Sept.	Total
Greys River	62,660	86,690	46,314	20,205	13,829	229,698
Salt River	60,750	44,750	33,564	25,930	25,916	190,910
Total gain cfs	123,410	131,440	79,878	46,135	39,745	420,608
Mean gain cfs	3,981	4,381	2,577	1,488	1,324	2,749
Total gain a.f.	244,800	260,700	158,400	91,510	78,830	834,240

June gain, Alpine to State line is slightly less than last year.

All other gains are greater than 1964 and possibly the greatest of record.

Gain in Snake River, state line to Heise, 1965 (No corrections for time of flow. 24-hr cfs except as noted)

Station	May	June	July	Aug.	Sept.	Total
Palisades release	-113,440	-297,960	-28,740	13,610	-2,520	-429,050
Total Supply*	308,870	353,180	444,408	275,395	173,455	1,555,308
Heise	414,900	443,100	487,400	310,690	204,790	1,860,880
Riley	285	558	759	408	56	2,066
Total acct. for	415,185	443,658	488,159	311,098	204,846	1,862,946
Total gain cfs	106,315	90,478	43,751	35,703	31,391	307,638
Mean gain cfs	3,430	3,016	1,411	1,152	1,046	2,011
Total gain a.f.	210,900	179,500	86,780	70,820	62,260	610,260

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

All gains were greater than for 1964.

Gain in Snake River, Heise to Shelley, 1965
(Heise dates and 24-hr. cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Rexburg	133,850	138,380	63,346	54,530	60,550	450,656
Total supply**	549,035	582,038	551,505	365,628	265,396	2,313,602
Diversions	133,748	263,060	296,290	246,420	169,160	1,108,678
Shelley	404,330	358,520	300,610	167,910	139,800	1,371,170
Total acct. for	538,078	621,580	596,900	414,330	308,960	2,479,848
Total gain cfs	-10,957	39,542	45,395	48,702	43,564	166,246
Mean gain cfs	-353	1,318	1,464	1,571	1,452	1,087
Total gain a.f.	-21,730	78,430	90,040	96,600	86,410	329,750

** Rexburg plus Heise and Riley from previous table.

The loss in May was caused by high river discharges and little return flow from canals. The average gain was 1,087 cfs compared to 604 cfs in 1964. This includes the inflow from Market Lake Springs credit to Owners Mutual Canal Co.

Gain or loss in Snake River, Shelley to Blackfoot, 1965
(Shelley dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Shelley	405,830	354,020	310,310	167,910	140,740	1,378,810
Blackfoot River	23,936	9,403	6,243	8,914	9,971	58,467
Total supply	429,766	363,423	316,553	176,824	150,711	1,437,277
Diversions	62,369	100,580	110,080	86,870	66,570	426,469
Blackfoot	373,540	269,820	204,130	99,910	98,420	1,045,820
Total acct. for	435,909	370,400	314,210	186,780	164,990	1,472,289
Total diff. cfs	6,143	6,977	-2,343	9,956	14,279	35,012
Mean diff. cfs	198	233	-76	321	476	229
Total diff. a.f.	12,180	13,840	-4,650	19,750	28,320	69,440

The average gain was 229 cfs compared to 218 in 1964 and 161 in 1963. If the 180 cfs inflow above Blackfoot gage is deducted the gain was 49 cfs. This results from larger than usual canal spills in the good water year. In dry years there is a loss.

Gain or loss in Snake River, Blackfoot to Neeley, 1965
(Neeley dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Blackfoot	373,540	261,480	220,210	98,130	98,260	1,051,620
Inflow*	103,290	84,674	83,745	84,797	86,859	443,365
Res. draft	-2,521	9,579	102,346	159,821	73,104	342,329
Total supply	474,309	355,733	406,301	342,748	258,223	1,837,314
Diversions	897	2,630	3,261	2,496	1,485	10,769
Neeley	458,850	337,600	402,200	335,700	253,480	1,787,830
Total use	459,747	340,230	405,461	338,196	254,965	1,798,599
Total diff. cfs	-14,562	-15,503	-840	-4,552	-3,258	-38,715
Mean diff. cfs	-469	-517	-27	-147	-109	-253
Total diff. a.f.	-28,880	-30,750	-1,670	-9,030	-6,460	-76,790

There were losses for each month with the average of 253 cfs. This compares with an average loss of 206 cfs in 1943 and 531 cfs in 1956. In these good water years there is less return flow from bank storage owing to reduced drawdown in the reservoir. The loss may be largely evaporation loss from the reservoir surface with reduced gains from bank storage (see discussion by Crandall, p. 27-29 of 1956 report).

The total loss for the July to September period which includes entire regulation period was 17,160 acre-feet.

* 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. Inflow in above table is actual inflow. Inflow figures shown on Plates 12 and 13 are theoretical inflow computed by adding pump diversion figures to actual inflow. 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 1,300 to 1,320 cfs.

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

<u>Date</u>	<u>Discharge in cfs</u>
May 15, 1965	26.8
June 26	20.1
July 22	24.4
Aug. 18	24.1
Sept. 25	23.8

Gain or loss in Snake River, Neeley to Minidoka, 1965
(Minidoka dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Neeley	461,850	337,200	401,400	336,000	254,580	1,791,030
Walcott release	-1,760	1,460	-180	60	240	-180
Total Supply	460,090	338,660	401,220	336,060	254,820	1,790,850
No. Minidoka	38,681	42,370	51,310	39,340	29,180	200,881
So. Minidoka	29,672	37,290	42,770	30,968	26,644	167,344
Minidoka	395,260	263,720	305,990	269,380	195,220	1,429,570
Total use	463,613	343,380	400,070	339,688	251,044	1,797,795
Total diff. cfs	3,523	4,720	-1,150	3,628	-3,776	6,945
Mean diff. cfs	114	157	-37	117	-126	45
Total diff. a.f.	6,990	9,360	-2,280	7,200	-7,490	13,780

The average gain of 45 cfs contrasts with losses of 227 cfs in 1964 and 8 cfs in 1963. Inaccuracies in the Minidoka record may account for seeming inconsistencies between months.

Gain in Snake River, Minidoka to Milner, 1965
(Milner dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Minidoka	399,940	263,600	305,190	270,380	196,440	1,435,550
Min. N.S.Pump	3,732	5,650	7,084	4,722	3,783	24,971
P. A.	1,586	1,879	2,253	1,782	1,516	9,016
Milner Low Lift	6,310	5,881	7,865	5,006	4,317	29,379
Gooding	63,480	67,450	75,210	69,850	61,390	337,380
North Side	71,000	77,370	89,930	84,330	56,700	379,330
Twin Falls	105,480	102,300	117,050	110,350	80,220	515,400
Lake Milner stored	310	400	260	-620	90	440
Milner	155,788	14,735	20,002	12,465	8,290	211,280
Total use	407,686	275,665	319,654	287,885	216,306	1,507,196
Total gain cfs	7,746	12,065	14,464	17,505	19,866	71,646
Mean gain cfs	250	402	467	565	662	468
Total gain a.f.	15,360	23,930	28,690	34,720	39,400	142,100

The total gain was about 40,000 acre-feet greater than in 1964.

The total gain from Neeley to Milner for period May through September was 155,880 acre-feet. For the period July through September this gain was 102,810 a.f. A part of this gain was caused by excess spill from the Minidoka Project at times when the canal was run at high levels to accommodate several high diversion points. The

Minidoka Project was credited with 70,720 acre-feet of gain which occurred during periods when this project was drawing storage.

DISTRIBUTION ON HENRYS FORK

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

Again this year the Squirrel Creek Canal pumped most of its water from Conant Creek. This relieved the Squirrel Creek demand and no special regulation was required on that creek.

Holdovers in Henrys Fork reservoirs at the end of the season were about 83% of capacity.

Releases from Henrys Lake were discontinued on September 9. Those from Grassy Lake were cut off on September 7, and from Island Park Reservoir there was little storage release after August 18.

The usual methods described in previous reports of segregating stored water and normal flow at the outlets of Henrys Lake and Island Park reservoirs were continued in 1965. During the period July 15-31 stored water was charged a daily loss of 30 cfs. During period August 1-17 stored releases were credited with a like amount. This adjustment has been used in past years and presumably corrects the observed normal flow to pre-reservoir conditions. When Island Park Reservoir is full there is a loss to ground water which is later recovered when the reservoir level drops. By making the above adjustment, normal flow is more nearly distributed to the rights that would be in effect if Island Park reservoir were not in the river system.

1965 REGULATION SCHEDULE

For period July 16 to August 9, the regulation schedule on the Henrys Fork and Falls River was cut to earlier priorities than the main river. There was sufficient supply in Teton River so that it remained on the main river regulation schedule throughout the season.

Figures showing the operation of the Cross Cut Canal in 1965 are shown on Plate 23A. It delivered 32,360 acre-feet to the Fall River Canal and 4,820 acre-feet to Teton River. Most of that delivered to the Teton River was spilled back to the Henrys Fork.

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

August 5, 1965

Howard Creek at highway	9.6	cfs
Findlay diversion from Targhee Creek	3.0	
Targhee Creek at highway	33	
Targhee Creek to Lake	5.0	
Duck Creek at highway - Gage 1.57	16.0	
Moedl ditch	3.0	
Duck Creek to Lake	10	
Laird diversion to pasture	1.0	
Jesse Creek at road	1.5	
Twin Creek right bank diversion	1.5	
Twin Creek	3.0	
Sheridan Creek at Highway 22 - Gage 1.45	12.9	
Sheridan Creek at forest road	39.7	
Morain Creek	2.6	
Snider Creek at Forest Service Road	4.0	
Taylor Creek at Forest Service Road	1.5	
Willow Creek at Forest Service Road	7	
Icehouse Creek at Forest Service Road	15	
Grubb diversion from Icehouse Creek at Forest Service Road	1.5	
Hotel Creek at Forest Service Road	15	
Sheep Creek at Forest Service Road	3	

September 2, 1965

Targhee Creek at Highway	15
Targhee Creek into Lake	5
Duck Creek at highway - Gage 1.35	11
Moedl diversion	1.5
Magleby's sprinklers	0

Occasional measurements of Big Springs near Island Park have been obtained in recent years and are listed below:

<u>Date</u>	<u>Discharge in cfs</u>	<u>Date</u>	<u>Discharge in cfs</u>
July 14, 1950	187	June 5, 1962	177
Sept. 3, 1959	181	Oct. 17, 1962	170
Oct. 19, 1959	186	Sept. 10, 1963	185
June 21, 1960	176	Sept. 14, 1964	184
July 25, 1961	165	Aug. 5, 1965	202
Aug. 28, 1961	163	Nov. 8, 1965	194

CANAL DELIVERIES IN HENRYS FORK BASIN

Diversions during the 1965 irrigation season, May to September, from Falls River, Henrys Fork and Lower Teton River

<u>Canal</u>	<u>Diversions (acre-feet)</u>	<u>Area Irrigated (acres)</u>	<u>Acre-feet per acre</u>
<u>Falls River Canals</u>			
Yellowstone	1,950	1,550	1.3
Marysville	35,730	15,000	2.4
Farmers Own	15,610	4,800	3.3
Almy	190	180	1.1
Enterprise	28,600	5,885	4.9
Bell	1,190	120	9.9
Fall River	85,020 (a)	9,000	9.5
McBee	550	75	7.3
Chester	15,600	1,400	11.1
Silkey	4,460	1,080	4.1
Curr	11,760	1,300	9.0
Total Falls River	200,660	40,390	4.9

(a) Includes 32,360 diverted through Cross Cut.

<u>Henrys Fork canals</u>			
Dewey	5,940	2,000	3.0
Last Chance	28,090	1,860	15.0
St. Anthony Union	128,800	9,700	13.3
Farmers Friend	28,090	3,025	9.3
Twin Groves	33,090	2,500	13.2
Salem Union	54,670	5,500	10.0
Egin	79,120	7,000 ✓	11.3
St. Anthony U. Feeder	16,780	2,300	7.3
Independent	85,100	6,000	14.2
Consolidated Farmers	58,790	6,000	9.8
Total Henrys Fork	518,470	45,885	11.3

Diversions during 1965 irrigation season - continued

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
<u>Lower Teton Canals</u>			
Siddoway	2,990	500	6.0
Wilford	35,000	2,300	15.2
Teton Irrigation	16,700	2,000	8.4
Good Luck	2,850	330	8.6
Pioneer	3,300	300	11.0
Stewart	7,380	512	14.4
Pincock-Byington	4,570	400	11.4
Pincock-Garner	5,160	480	10.7
Teton Island Feeder	98,090	10,400	9.4
Roxana	3,850 (b)	880	4.4
Island Ward	8,940 (b)	3,300	2.7
North Salem	890 (c)	450	2.0
Bigler Slough	620	160	3.9
Woodmansee-Johnson	11,390 (d)	1,320	8.6
City of Rexburg	6,760	950	7.1
Rexburg Irrigation	73,050	5,280	13.9
McCormick-Rowe	2,600	160	16.3
Saurey Sommers	3,500	275	12.7
Gardner	230	200	1.2
Eames Thompson	320	70	4.6
Total Lower Teton	288,190	30,267	8.9
Total Falls River, Henry's Fork and Lower Teton	1,007,320	116,542	8.6

(b) Used additional water from Henry's Fork thru Consolidated Farmers

(c) Used additional water from Henry's Fork thru Salem Union

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

The diversions in this area were a little greater than in 1964.

Of the total diversions of 1,007,320 acre-feet, 31,874 acre-feet or 3.2% was stored water.

Diversions by some of the principal canals in the headwater areas for the 1965 irrigation season (May 15 to September 30) are shown below:

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
String Canal	19,600	2,300	8.5
Trail Creek Irr. Co.	44,700	5,220	8.6
Fox creek Canals	16,500	3,760	4.4
Darby Creek Canals	25,000	4,800	5.2
Grand Teton Canal	38,000	5,800	6.6
Canyon Creek Canal	5,800	2,200	2.6
Conant Creek Canal	3,800	890	4.3
*Squirrel Creek Canal	1,680	900	1.9
Boom Creek Canal	1,380	130	10.6

*Includes water pumped from Conant Creek.

For all canals diversions were greater than a year ago.

STORED WATER DELIVERIES ON HENRYS FORK

Water available for Fremont-Madison allotments was as follows:

Island Park Reservoir	(July 15)	134,480 a.f.
Grassy Lake	(Aug. 3)	14,960
Sheridan Creek right	(about)	<u>1,380</u>
Total		150,820 a.f.

The district allotted 132,860 acre-feet for the 1965 season.

In addition 100 acre-feet was rented to Henrys Fork users.

Henrys Lake Allotments, 1965

Permits and licenses for storage of water in Henrys Lake are limited to a total of 79,350 acre-feet. The lake contents on July 14 was about 81,800 acre-feet. The total of 79,350 acre-feet was allotted allowing the surcharge of 2,450 acre-feet to take care of dead storage and loss.

Allotted

	<u>Percent</u>	<u>Acre-feet</u>
Independent	26.90	21,345
Salem Union	24.21	19,211
Consolidated Farmers	20.17	16,005
Last Chance	13.85	10,990
St. Anthony Union	6.72	5,332
Egin	6.72	5,332
Dewey	1.43	1,135
	<u>100.00</u>	<u>79,350</u>

Under "stored" column for Henrys Fork near Rexburg on Plate 21 there is shown a storage balance of 5,201 cfs. This amounts to 10,300 acre-feet that ran past Rexburg in excess of requirements to balance storage deliveries to Main river. This is the first time for many years that there was not a deficit storage operation on the Henrys Fork. The large holdovers assure that reservoirs can fill and spill.

RIVER GAINS IN HENRYS FORK BASIN, 1965

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, 1965
(Island Park dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Lake	4,682	3,569	5,567	5,177	2,027	21,022
I. P. release	-282	494	6,574	11,404	-785	17,405
Total supply	4,400	4,063	12,141	16,581	1,242	38,427
Island Park	42,210	33,682	31,172	33,718	17,652	158,434
Total gain cfs	37,810	29,619	19,031	17,137	16,410	120,007
Mean gain cfs	1,220	987	614	553	547	784
Total gain a.f.	75,000	58,750	37,750	33,990	32,550	238,040

The average gain is 52 cfs greater than in 1964 and the highest since 1952 when it was 984 cfs.

Gain in Henrys Fork, Island Park to Ashton, 1965
(Ashton dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Island Park	42,154	33,769	31,014	34,284	17,648	158,869
Ashton	99,450	74,590	62,740	65,010	44,080	345,870
Total gain cfs	57,296	40,821	31,726	30,726	26,432	187,001
Mean gain cfs	1,848	1,361	1,023	991	881	1,222
Total gain a.f.	113,600	80,970	62,930	60,940	52,430	370,870

The average gain is 51 cfs greater than in 1964 and is the largest for any year since 1952 when it was 1,318 cfs.

Gain in Henrys Fork, Ashton to St. Anthony, 1965
(St. Anthony dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Ashton	99,528	74,707	62,771	65,157	44,101	346,264
Chester	63,620	73,140	22,517	11,814	16,942	188,033
Total supply	163,148	147,847	85,288	76,971	61,043	534,297
Diversions	36,089	37,836	36,864	29,126	19,323	159,238
St. Anthony	130,900	112,750	52,490	47,260	46,200	389,600
Total acct. for	166,989	150,586	89,354	76,386	65,523	548,838
Total gain cfs	3,841	2,739	4,066	-585	4,480	14,541
Mean gain cfs	124	91	131	-19	149	95
Total gain a.f.	7,620	5,430	8,060	-1,160	8,890	28,840

The average gain is 57 cfs less than in 1964 which was the greatest of record. The apparent loss in August may not have occurred. It is possible that the computed discharge at Ashton for the last ten days of the month is too high. There is a large moss effect at this station during the summer which may not have been completely accounted for. This gain is produced by return flow from sub-irrigated land. Losses have occurred in years of low diversions.

Gain in Falls River, Squirrel to Chester, 1965
(Chester dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Squirrel	60,760	80,190	36,577	23,044	20,934	221,505
Diversions	7,279	17,247	17,909	15,265	8,159	65,859
Chester	63,620	73,140	22,517	11,814	16,942	188,033
Total acct for	70,899	90,387	40,426	27,079	25,101	253,892
Total gain cfs	10,139	10,197	3,849	4,035	4,167	32,387
Mean gain cfs	327	340	124	130	139	212
Total gain a.f.	20,110	20,230	7,630	8,000	8,270	64,240

The average gain is 12 cfs less than in 1964.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg, 1965
(St. Anthony dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Teton River	42,596	68,990	45,640	30,330	24,167	211,723
Henrys Fork	130,900	112,750	52,490	47,260	46,200	389,600
Total supply	173,496	181,740	98,130	77,590	70,367	601,323
H.Fk diversions	30,957	27,180	26,732	22,616	13,403	120,888
Teton div.	19,560	38,484	36,817	29,856	20,297	145,014
Rexburg	133,300	139,780	60,826	54,960	60,760	449,626
Total acct for	183,817	205,444	124,375	107,432	94,460	715,528
Total gain cfs	10,321	23,704	26,245	29,842	24,093	114,205
Mean gain cfs	333	790	847	963	803	746
Total gain a.f.	20,470	47,020	52,060	59,190	47,790	226,530

The average gain was 185 cfs greater than in 1964 and the largest observed since 1957. This gain is produced mostly from return flow from upstream irrigation. The 226,530 acre-feet gain is equal to 22% of the 1,007,320 acre-feet diverted by the canals above Rexburg. This percentage was 18% in 1964. Much additional return flow moves westward towards Mud Lake and there is further drain-off to 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 1965.

The water content of snow on April 1 on the Teton watershed was 104% of normal. April to September precipitation at Driggs was 7.94" compared to the normal of 8.08". Runoff of Teton River near St. Anthony was 119% of the 32 year average.

Seasonal diversions for all canals in this area were greater than in 1964.

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

The discharge of various streams and canals and storage used in Teton Basin through exchange for natural flow is shown on Plates 23 and 24.

Water 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.

Canal diversions were mostly from normal flow and only a little over one-fourth of the storage allotted to Teton Basin canals was used.

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 \$544.50, 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

Howard Weeks served as Deputy Watermaster in the Swan Valley area and also as deputy watermaster on several canals. The local users were charged \$5.00 a day or \$330.00 total, as a special charge and the balance of the cost of his services, amounting to \$594.00, was charged as general expense to District 36.

There was little demand for stored water in excess of Palisades allotments. Swan Valley users rented 120 acre-feet from Water District 36 during 1965.

CLIMATOLOGICAL DATA
(Precipitation in inches for year ending September 30, 1965)

<u>Month</u>	<u>Alta</u>		<u>Moran</u>		<u>Jackson</u>		<u>Bedford</u>		<u>Palisades</u>	
	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>
Oct.	1.48	1.48	0.70	1.45	0.75	1.11	0.60	1.57	0.49	1.20
Nov.	1.80	1.41	2.99	1.88	1.71	1.11	1.91	1.78	2.15	1.70
Dec.	3.11	1.51	9.01	2.36	5.95	1.54	4.78	2.18	4.62	2.35
Jan.	2.13	1.60	3.97	2.35	2.41	1.43	3.29	2.11	2.97	1.86
Feb.	.51	1.48	1.13	2.28	.92	1.32	.74	1.95	.74	1.90
Mar.	.38	1.51	1.17	2.08	.68	1.20	.33	2.02	.28	1.75
Apr.	2.81	1.48	3.22	1.73	1.37	1.20	2.11	1.67	2.52	1.61
May	2.15	2.04	1.15	1.85	.52	1.50	1.17	2.13	1.79	1.95
June	2.56	2.29	1.89	1.77	3.56	1.51	3.72	2.08	3.58	2.12
July	1.28	.94	1.01	.97	1.16	.75	.81	.93	1.29	.86
Aug.	1.44	1.19	.51	1.30	.98	1.12	1.96	1.04	.96	1.15
Sept.	3.34	1.28	2.67	1.28	1.73	1.04	2.08	1.26	2.02	1.37
Year	22.99	18.21	29.42	21.30	21.74	14.83	23.50	20.72	23.41	19.82

<u>Month</u>	<u>Ashton</u>		<u>Idaho Falls</u>		<u>Pocatello</u>		<u>Twin Falls</u>		<u>Av. 9 Stas.</u>	
	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>
Oct.	1.35	1.35	0.62	0.63	0.50	0.89	0.93	0.76	0.83	1.16
Nov.	2.93	1.56	1.58	.62	.85	.99	1.18	.92	1.90	1.33
Dec.	3.52	1.89	1.14	.80	2.95	1.00	3.89	.86	4.32	1.61
Jan.	3.83	1.82	.96	.89	.71	1.21	.91	1.04	2.36	1.59
Feb.	.68	1.77	.14	.71	.38	.92	.13	.70	.60	1.45
Mar.	.23	1.39	T	.66	.10	1.02	.12	.84	.37	1.39
Apr.	2.61	1.04	2.07	.66	1.65	1.06	1.63	.93	2.22	1.27
May	1.36	1.45	.65	.98	.84	1.13	1.10	1.00	1.19	1.56
June	3.11	1.91	1.94	1.13	1.12	.96	.64	.79	2.46	1.62
July	.34	.82	.34	.46	1.19	.51	.56	.24	.89	.72
Aug.	2.48	.95	.89	.50	.78	.55	.59	.17	1.18	.89
Sept.	1.48	.94	1.47	.63	1.40	.61	.46	.49	1.85	.99
Year	23.92	16.89	11.80	8.67	12.47	10.85	12.14	8.74	20.15	15.56

* Used 18 year average

On an average for the nine stations the precipitation for the water year ending September 30, 1965, was 129% of normal. The excess occurred in November, December, January, April, June and September.

EXPENDITURES DURING YEAR ENDING SEPTEMBER 30, 1965

Engineers and Hydrographers:

H. C. Eagle	Salary, 1 year	\$12,484.80
A. L. Larson	Salary, 1 year	10,286.40
R. W. Harper	Salary, 1 year	6,744.00
O. P. Mortensen	Salary, 4 mo. @ \$460 mo.	1,840.00
Oleen Dummer	Salary, 5.03 mo. @ \$460 mo.	2,314.50
A.H. Bush	Salary, 2.60 mo. @ \$460 mo.	1,194.25
A. W. Wilson	Salary 3.84 mo. @ \$460 mo.	1,768.47
Kay Kobayashi	Salary, 7 days @ \$14.75 da.	103.25

Clerk:

Charlotte E. Wood	Salary, 1 year	6,393.60
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River Riders:

D. R. Anthony	62 days @ \$13.50 incl. mileage	837.00
J. M. Brown	62½ day @ \$13.50 incl. mileage	843.75
J. A. Balmforth	36 days @ \$14.50 incl. mileage	522.00
C. J. Anderson	62 days @ \$13.50 incl. mileage	837.00
L. C. Anderson	42 days @ \$18.00 incl. mileage	756.00
S. B. Garrett	58 days @ \$18.00 incl. mileage	1,044.00
Elmer Lenz	2.54 mo @ \$140 incl. mileage	355.87
Seth L. Hansen	484 hr. @ \$2.25 incl. mileage	1,089.00
Howard Weeks	66 days @ \$14.00 incl. mileage	924.00
David Peterson	1 day @ \$14.00 incl. mileage	14.00

Miscellaneous:

Transportation, 30,179 miles @ 10¢ a mile	3,017.90
Transportation, Government car, 1 year	2,030.10
Telephone and Telemark	717.34
Supplies and Equipment	1,792.57
Construction and Repairs	440.12
Gage Readers	699.50
Bond Premium and Insurance	643.52
Interest	43.89
Social Security	344.18
Subsistence	445.35
Groundwater Investigations	1,500.00
Postage	234.77
Retirement - Federal	2,334.05
Government travel, R. W. Harper	501.80
Government travel, A. L. Larson	242.75
Digital recorder computations	104.98

TOTAL

\$65,444.71

Expenditures during year ending September 30, 1965, continued

Expenditures from various funds:

Consolidated State repay and Federal accounts	\$35,584.14
Waterusers funds	<u>29,860.57</u>
Total	\$65,444.71

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$615.00 for services at \$10.00 per day and expenses, which was pro-rated among upper valley canals.

Funds on Hand September 30, 1965

Federal and State accounts	
(Fiscal year begins July 1)	\$22,337.00
Water District Funds	<u>-4,129.53*</u>
Total	\$18,207.47

* Waterusers operating funds are collected after October 1 of each year. There is always a deficit at the end of September. The balance on hand on December 31, 1965 is \$12,835.66.

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	HENRYS LAKE NEAR LAKE
9	HENRYS FORK NEAR LAKE
10	ISLAND PARK RESERVOIR NEAR ISLAND PARK
11	HENRYS FORK NEAR ISLAND PARK
12	HENRYS FORK NEAR ASHTON
13	GRASSY LAKE NEAR MORAN
14	FALLS RIVER NEAR SQUIRREL
15	FALLS RIVER NEAR CHESTER
16	HENRYS FORK AT ST. ANTHONY
17	TETON RIVER ABOVE SO. LEIGH CR. NEAR DRIGGS
18	TETON RIVER NEAR ST. ANTHONY
19	HENRYS FORK NEAR REXBURG
20	SNAKE RIVER NEAR SHELLEY
21	BLACKFOOT RIVER NEAR BLACKFOOT
22	SNAKE RIVER NEAR BLACKFOOT
23	AMERICAN FALLS RESERVOIR AT AMERICAN FALLS
24	SNAKE RIVER AT NEELEY
25	LAKE WALCOTT NEAR MINIDOKA
26	NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA
27	SOUTH SIDE MINIDOKA CANAL NEAR MINIDOKA
28	SNAKE RIVER NEAR MINIDOKA
29	P. A. LATERAL NEAR MILNER
30	MILNER LOW LIFT CANAL NEAR MILNER
31	GOODING CANAL AT MILNER
32	NORTH SIDE TWIN FALLS CANAL AT MILNER
33	SOUTH SIDE TWIN FALLS CANAL AT MILNER
34	SNAKE RIVER AT MILNER

0 10 20 30
SCALE IN MILES

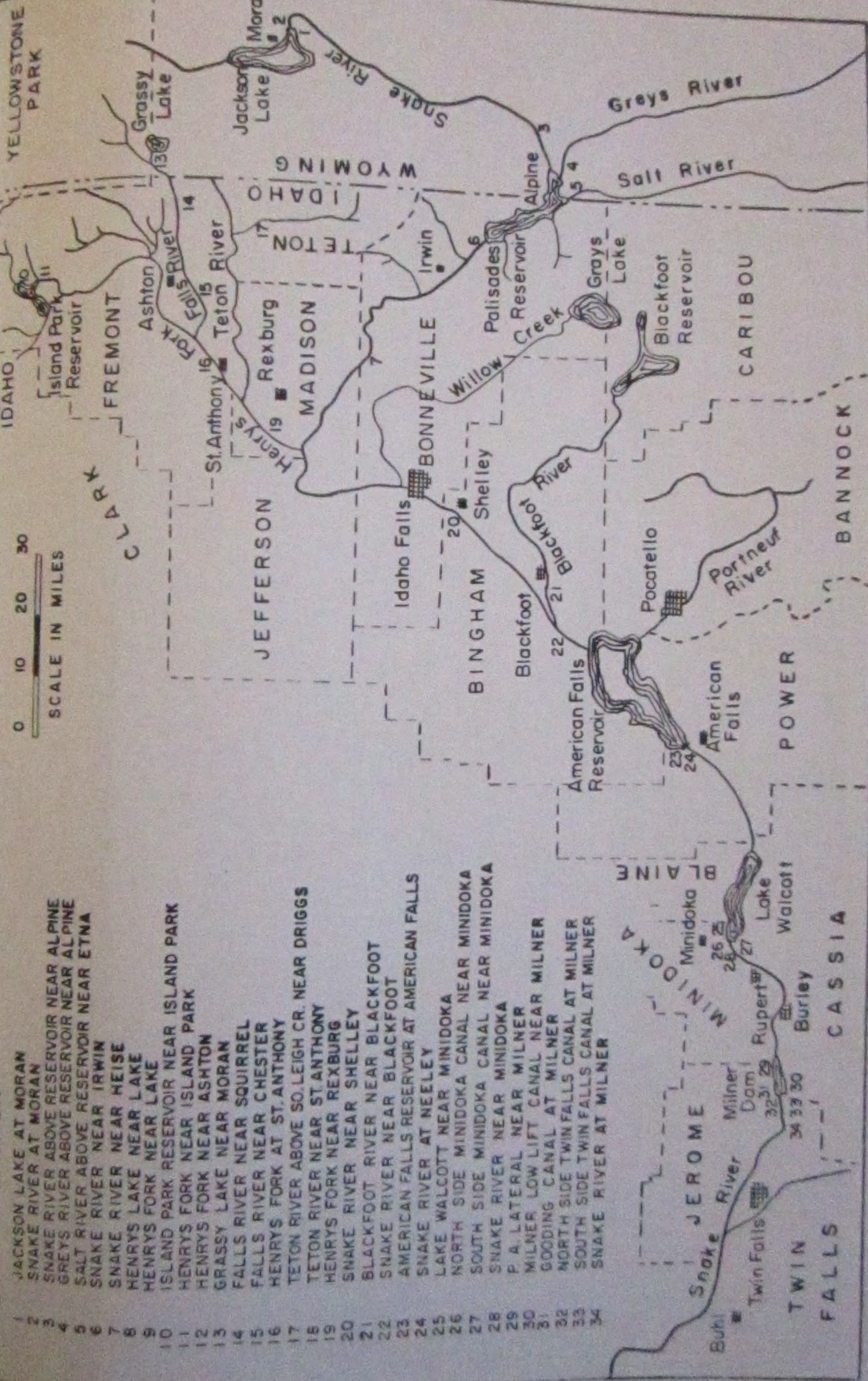


PLATE NO. 1

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

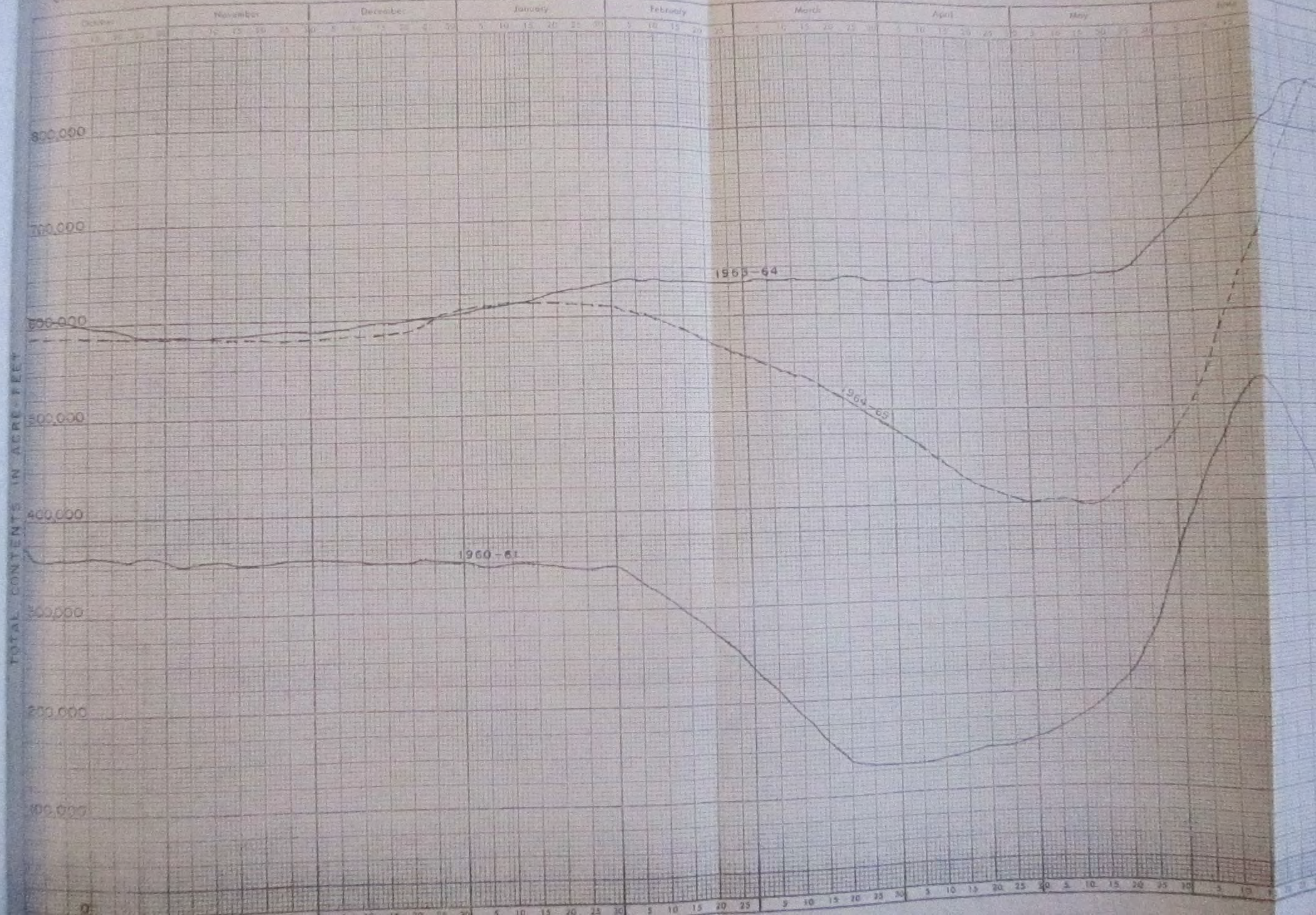
UNITED STATES DEPARTMENT OF THE INTERIOR

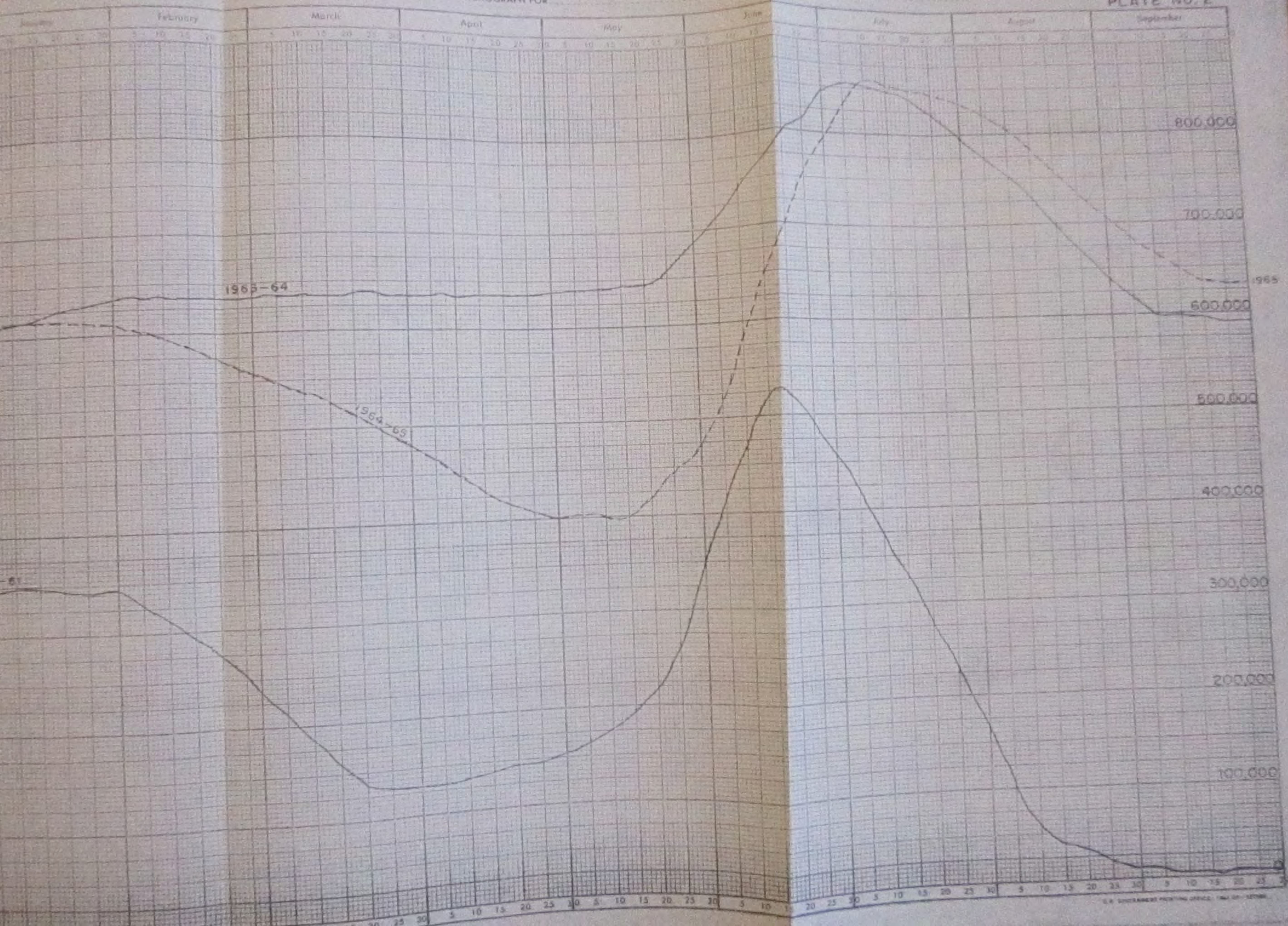
GEOLOGICAL SURVEY

(WATER RESOURCES DIVISION)

HYDROGRAPH FOR

JACKSON LAKE AT BURAN, WY





W-3784-1 Sept 1916

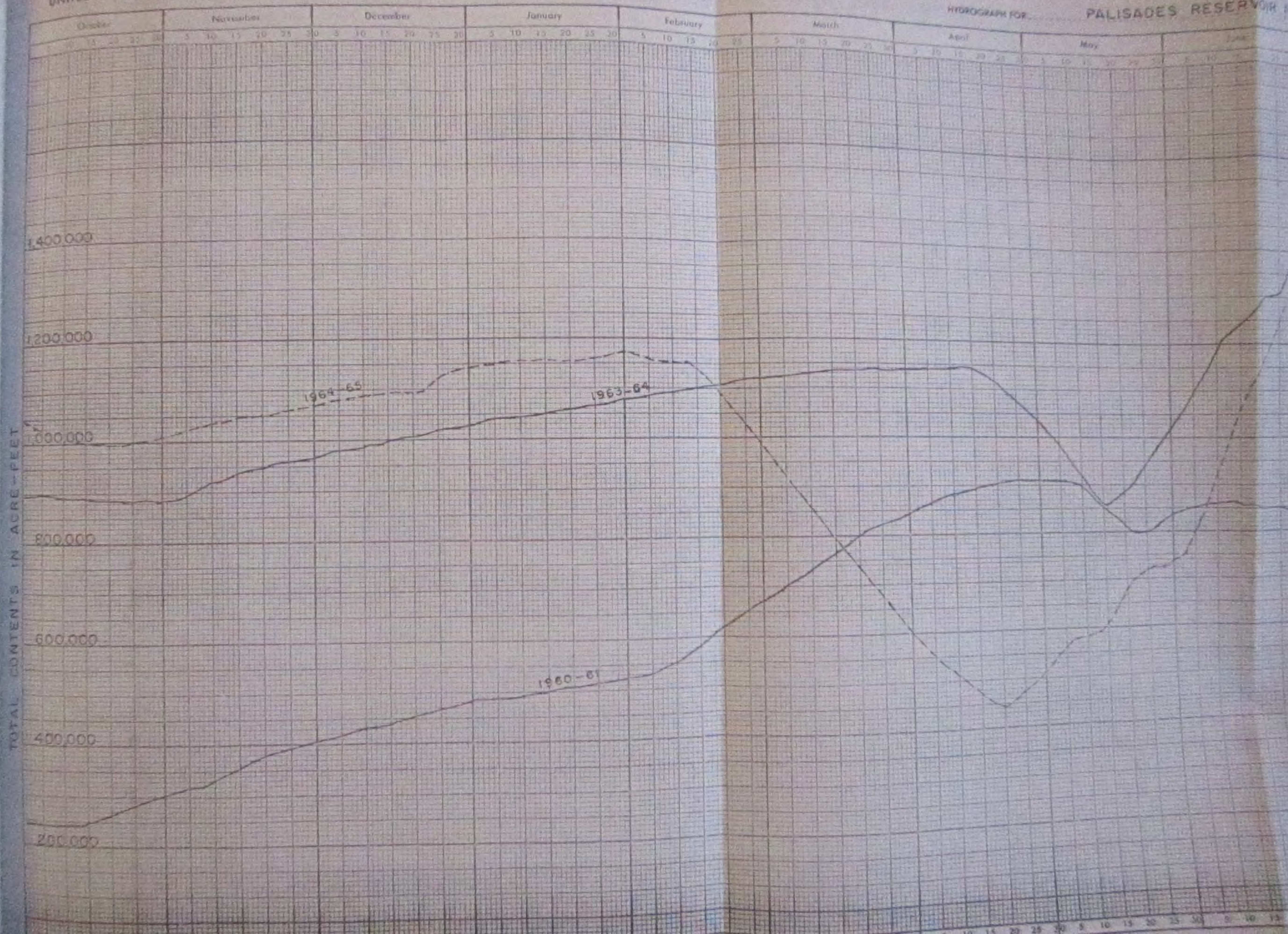
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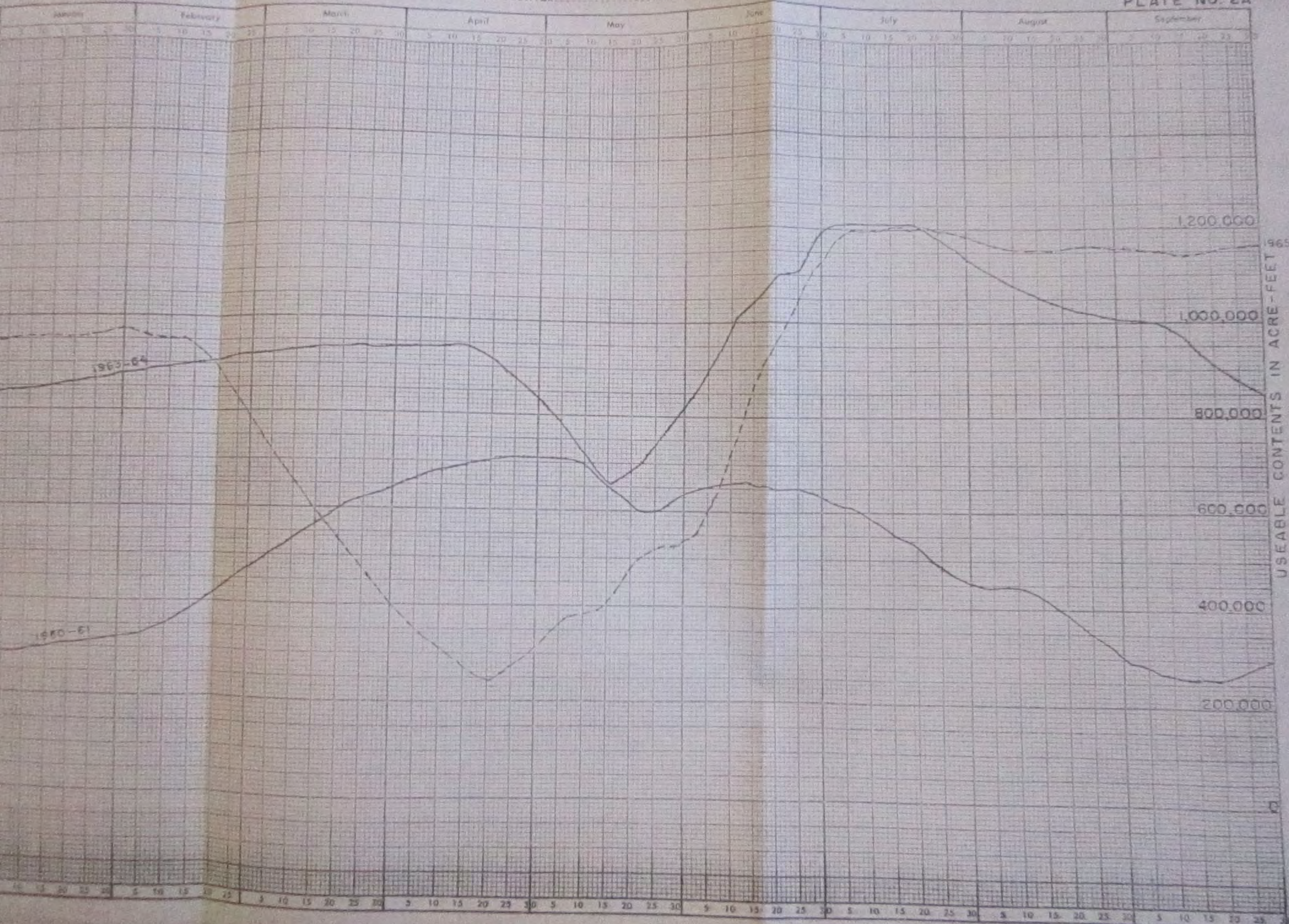
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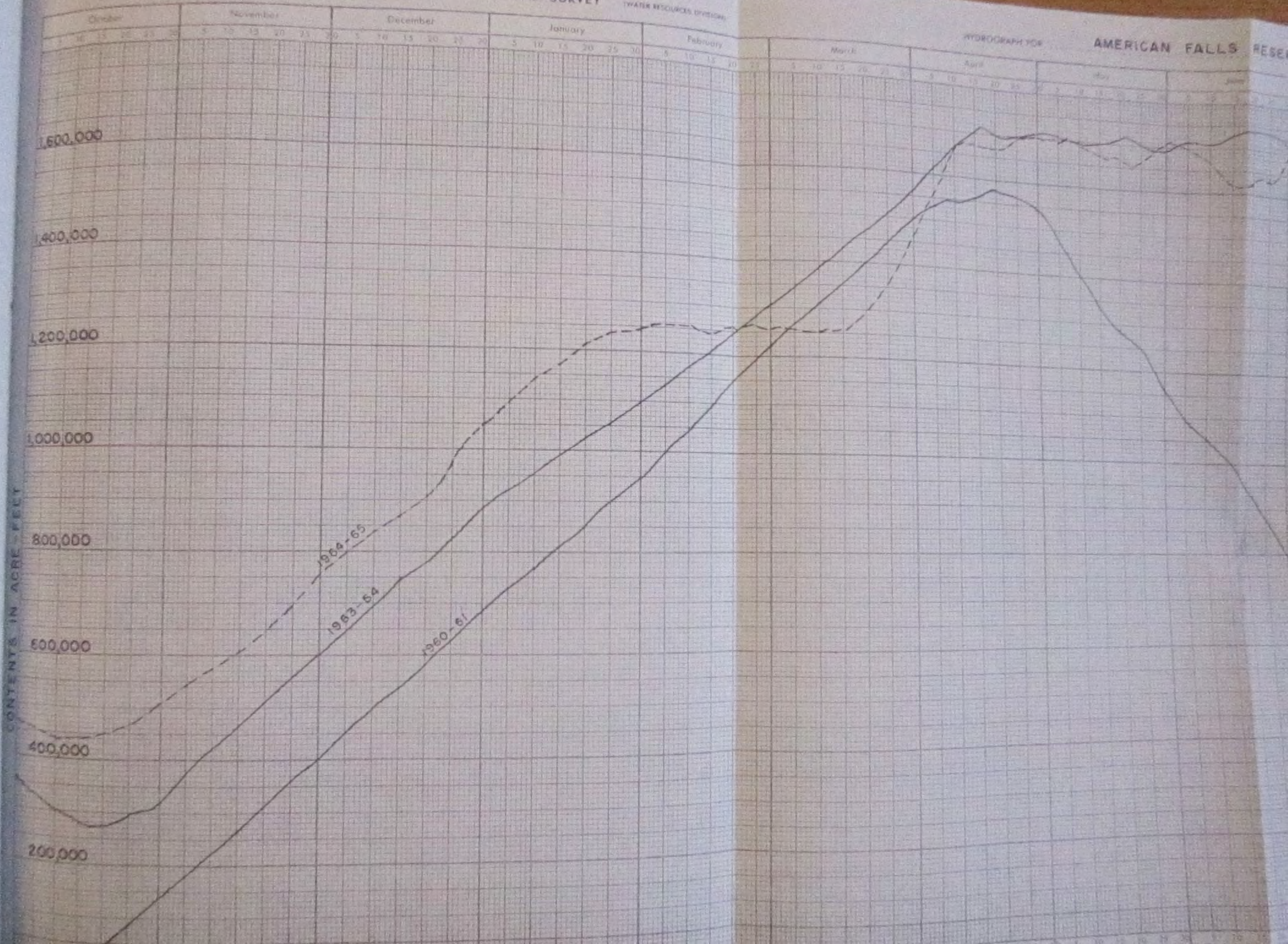
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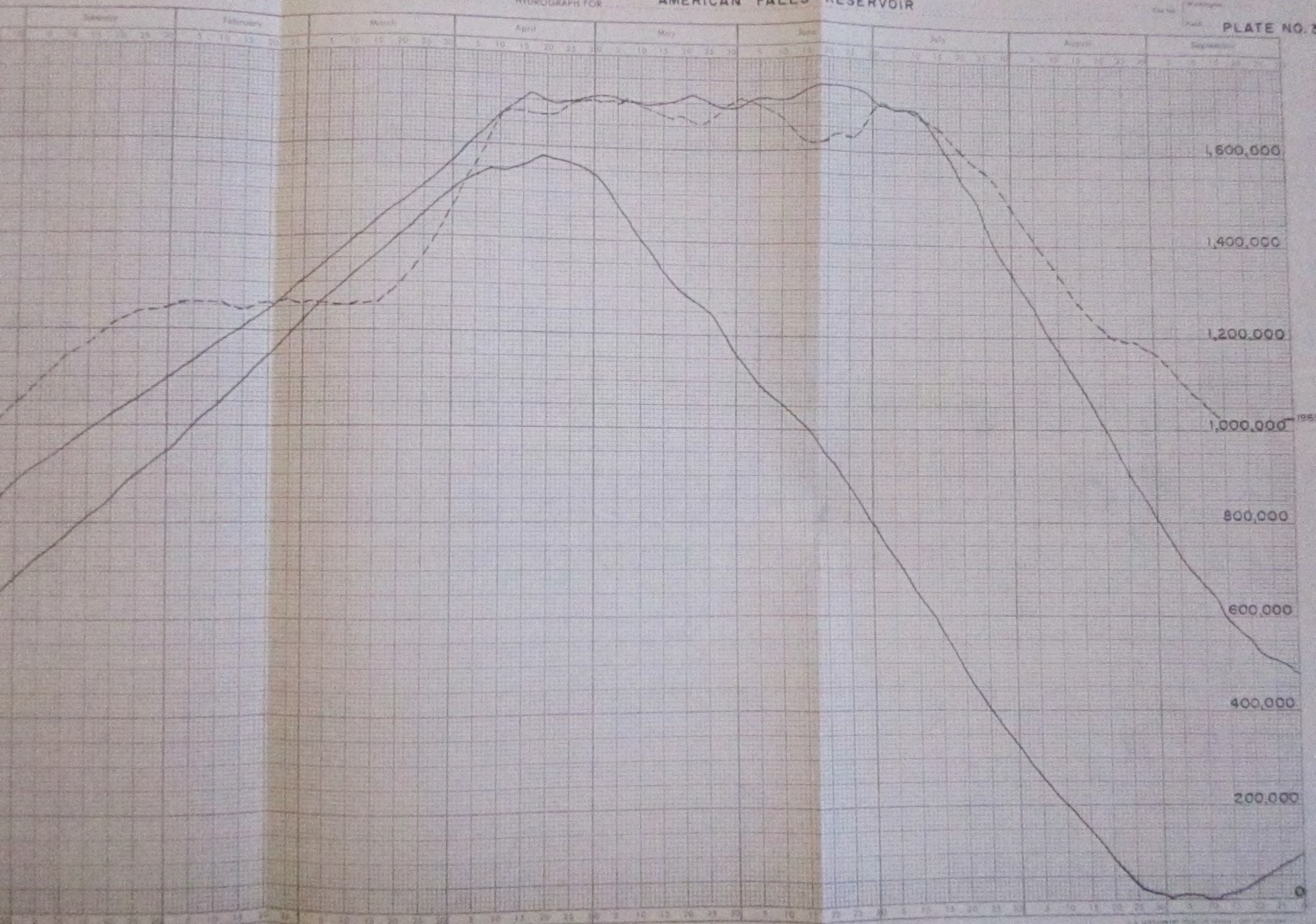
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PALISADES RESERVOIR







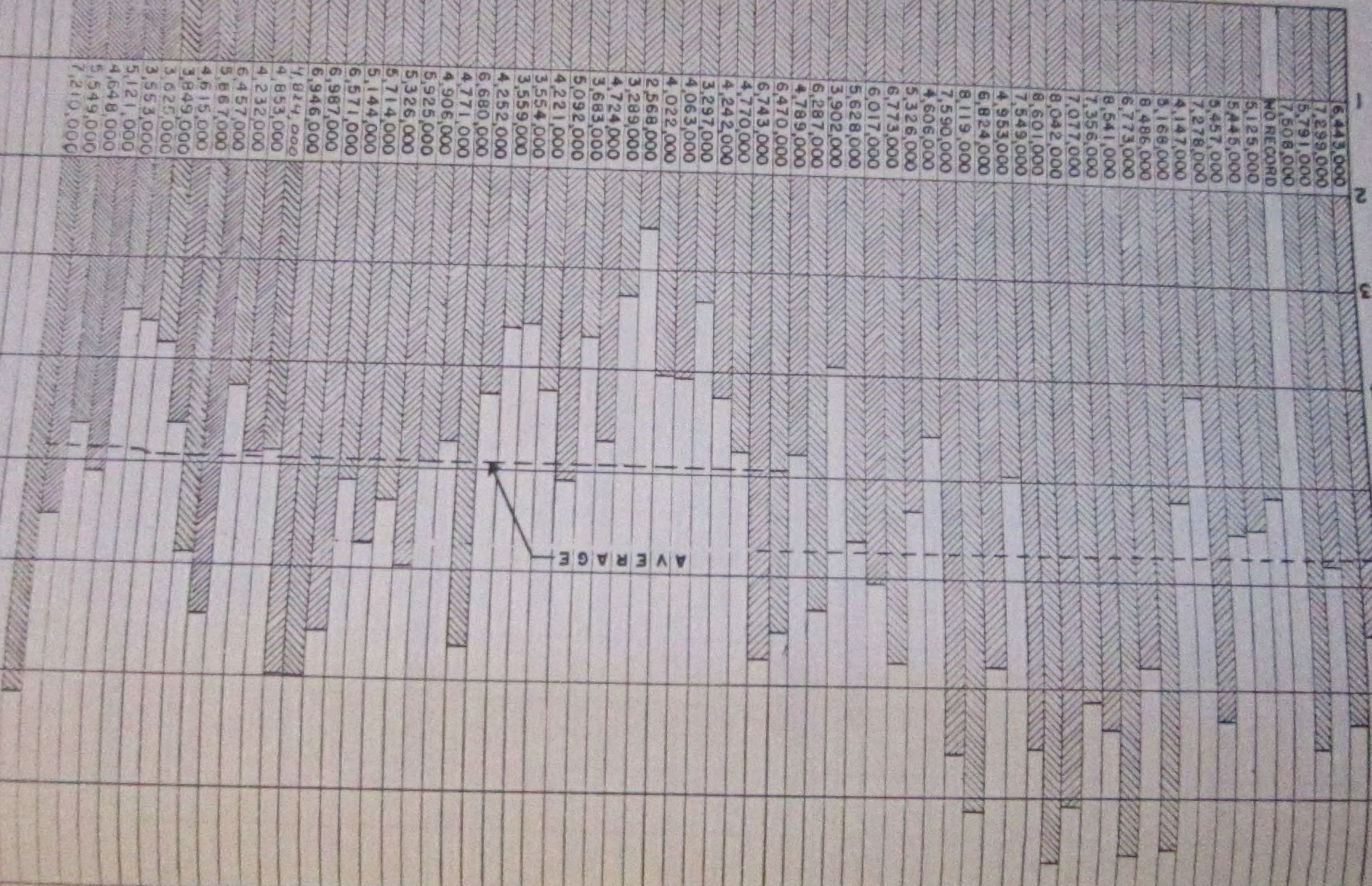


ANNUAL RUNOFF OF SNAKE RIVER AT NEELEY, IDAHO

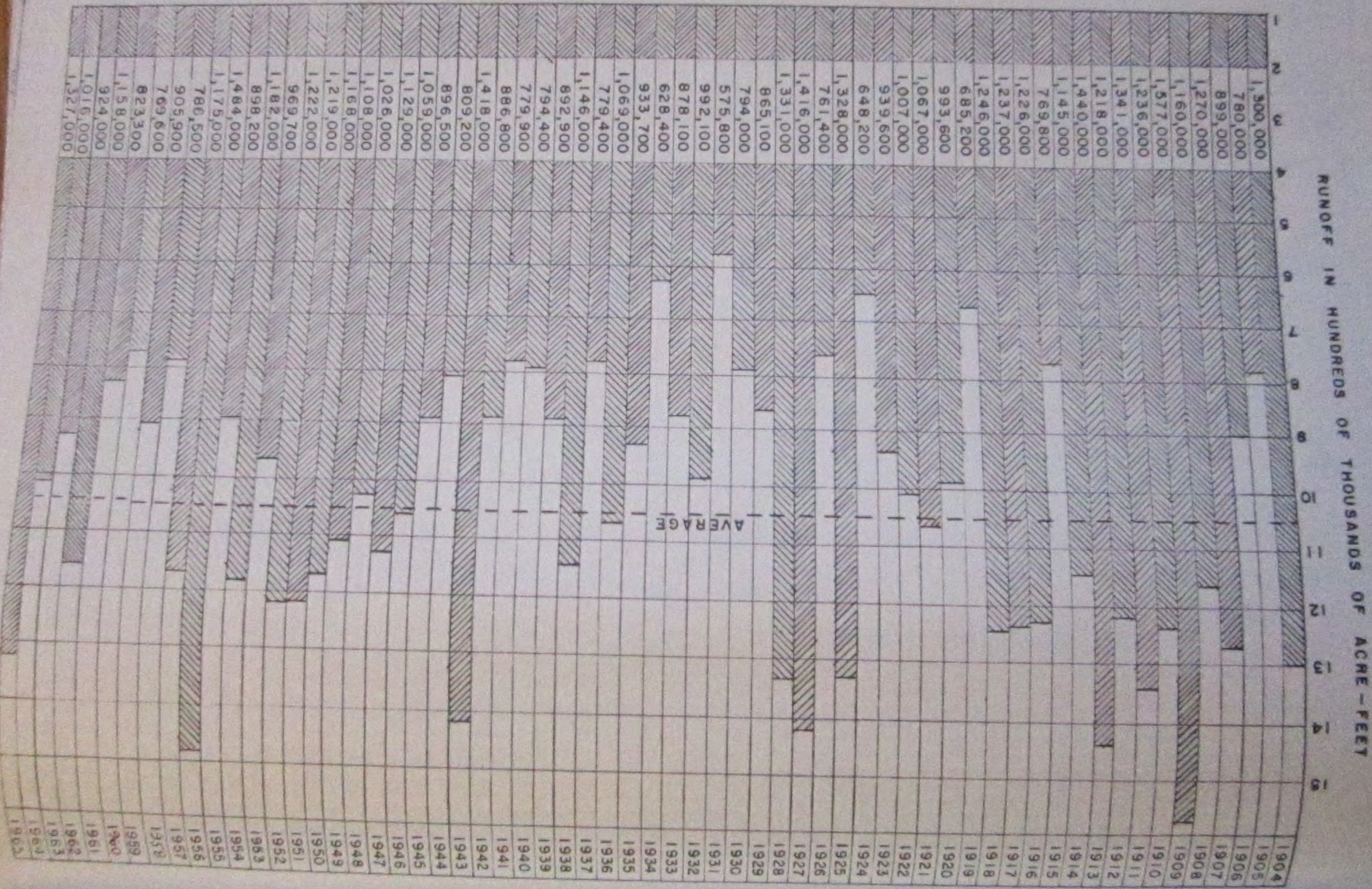
PLATE NO.

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RUNOFF IN MILLIONS OF ACRE-FEET



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



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

[illegible]

[illegible]

[illegible]

STREAM	1	2	3	4	5	6	7	8	9	10	11	12	13	M A Y																	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
BIG JIMMY CREEK	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	32	32	32	33	33	33	34	34	34	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35

INFLOW TO AMERICAN FALLS RE

BETWEEN BLACKFOOT AND NEELEY STATION
24-HOUR SECOND-FOOT

JUNE

JULY

																														JULY																			
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
37	37	38	38	38	38	38	37	37	37	38	36	36	36	35	35	35	34	34	34	34	34	34	34	34	33	33	33	32	32	32	32	31	31	31	31	31	31	31	31	31	30	30	30	30					
144	210	207	208	209	208	194	196	198	199	199	200	202	213	194	189	189	190	190	190	233	243	243	242	248	242	242	241	222	183	180	178	178	186	189	204	195	190	193	188	190	211	184	213	202					
449	449	450	450	450	451	453	454	455	457	458	459	461	462	463	465	466	467	469	470	471	469	467	464	461	459	458	454	452	449	447	445	442	439	437	440	442	444	446	450	452	454	456	458	460					
30	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130					
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7					
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27				
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55			
8	8	8	8	8	8	8	8	9	9	9	9	10	10	10	10	10	11	11	11	11	11	11	11	10	10	10	9	9	9	9	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7		
28	28	28	28	28	28	28	28	28	27	27	27	27	27	27	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	27	27	27	27	27			
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
03	282	257	257	199	223	209	194	177	162	160	165	165	140	98	83	86	129	124	156	282	484	500	452	400	342	317	292	272	251	225	196	177	167	165	149	133	114	88	72	77	74	62	43	182					
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38	37	37	37	37	37	37	36	36	36	35	35	34	34	34	33	33	33	32	32	32	32	32	32	32	33	33	33	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34	33	33	33	33			
51	51	51	51	51	51	51	52	52	52	53	53	54	54	54	55	55	55	56	56	56	56	56	56	56	56	56	57	57	57	57	57	57	57	57	57	57	57	58	58	58	59	59	59	59	59				
2	2	2	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6	6	6	6	6	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3			
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30	30	30	30	25	27	28	25	25	25	25	30	35	30	45	45	30	20	10	20	49	95	90	95	95	95	80	80	80	80	50	30	40	30	33	40	30	25	30	25	25	25	25	25	25					
15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	10	10	15	17	17	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20				
1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					
0	10	5	10	10	4	4	4	4	15	30	25	30	35	25	25	15	10	10	10	15	30	45	50	40	20	20	10	10	15	10	20	20	3	0	0	0	5	5	5	0	0	0	0	0					
15	54	52	51	51	51	51	51	52	52	52	52	52	52	53	53	53	53	53	54	55	56	57	57	58	59	60	60	61	62	63	64	65	66	65	63	62	61	60	58	58	57	56	55	54					
2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					
13	33	34	34	33	32	30	29	28	26	25	24	22	21	19	18	16	15	13	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13				
6	26	26	26	26	26	26	25	25	24	24	23	23	22	22	21	21	20	20	20	20	21	21	22	22	23	23	24	24	25	25	26	26	26	26	26	26	26	26	26	26	25	25	25	25	25				
100	1505	1473	1478	1415	1435	1405	1393	1382	1378	1392	1399	1414	1400	1347	1332	1310	1330	1318	1367	1573	1844	1871	1828	1767	1682	1641	1602	1561	1504	1438	1394	1382	1350	1348	1351	1318	1295	1277	1253	1256	1215	1256	1215	1256					
100	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310				
170	2815	2783	2786	2725	2745	2716	2703	2692	2688	2702	2709	2724	2710	2657	2642	2620	2640	2628	2677	2883	3154	3181	3136	3077	2992	2951	2912	2871	2814	2748	2704	2692	2660	2656	2661	2628	2605	2587	2563	2556	2556	2556	2556	2556	2556				

84,674

83,745

74	75	76	78	79	94	92	90	90	90	90	89	78	96	103	103	103	103	103	60	50	50	50	46	50	50	50	89	108	110	112	112	104	101	88	95	100	97	102	100	79	97	
2889	2861	2862	2803	2824	2810	2795	2782	2778	2792	2799	2813	2788	2755	2745	2723	2743	2731	2780	2943	3204	3231	3188	3123	3042	3001	2962	2940	2922	2858	2816	2804	2764	2757	2747	2723	2705	2684	2665	2656	2665	2632	2632

RESERVOIR

TATIONS

1965

AUGUST

[illegible]

PLATE NO. 11

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SEPTEMBER

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DAILY SEGREGATION OF

DAILY SEGREGATION OF																								
DATE	JACKSON LAKE CONTENTS ACRE-FOOT	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS OF ACRE-FOOT	SNAKE RIVER NEAR IRWIN			IRWIN TO HEISE		HEISE & RILEY			STORED INFLOW HENRYS FORK	HEISE TO SHELLE				
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		STORED LOSS	STORED DIVERSIONS			
1	806,390			1,840		JULY 3																		
2	815,970			1,600		4				1,371														
3	825,340			1,640		5				1,380														
4	831,960			1,660		6				1,389														
5	838,060			1,680		7				1,396														
6	844,680			1,720		8				1,397														
7	851,330			2,420		9				1,397														
8	855,170			3,060		10				1,397														
9	858,760			3,880		11			15,300	1,397			19,000											
10	859,530	260	4,460	4,720	4	12	256	15,944	16,200	1,396			19,400					19,700						
11	859,020	645	4,055	4,700	11	13	634	15,166	15,800	1,397	256	19,044	19,300	2		254	19,975	20,229						
12	857,740	1,160	3,540	4,700	20	14	1,140	13,860	15,000	1,398	-876	19,076	18,200	-7		-869	20,096	19,229			12			
13	855,430	1,290	3,390	4,680	22	15	1,268	13,232	14,500	1,401	130	16,670	16,800	1		129	17,597	17,726			-42			
14	852,870	650	3,610	4,260	11	16	639	12,861	13,500	1,403	1,516	15,082	16,600	12		1,506	15,627	17,133			6			
15	851,580	515	3,075	3,590	9	17	506	12,194	12,700	1,403	889	16,111	17,000	7		882	16,948	17,830			73			
16	850,560	194	3,406	3,600	3	18	191	12,509	12,700	1,402	1,011	15,489	16,500	8		1,003	16,225	17,228	164		49			
17	850,050	194	3,026	3,220	3	19	191	12,409	12,600	1,399	-819	15,819	15,000	2		189	16,638	16,825	167		9			
18	848,790	777	2,813	3,590	13	20	764	12,036	12,800	1,402	-746	15,246	14,500	-6		-740	15,966	15,226	238		-40			
19	848,250	632	2,958	3,590	11	21	621	12,179	12,800	1,403	1,126	14,074	15,200	9		1,117	14,413	15,530	311		-36			
20	847,000	140	2,930	3,070	2	22	138	11,462	11,600	1,403	1,648	13,952	15,600	13		1,635	14,598	16,233	205		55			
21	846,720	257	2,553	2,810	4	23	253	10,747	11,000	1,400	1,263	13,837	15,100	10		1,253	14,679	15,932	-7		51			
22	846,210	772	2,038	2,810	13	24	759	9,641	10,400	1,398	1,769	12,231	14,000	14		1,755	13,174	14,929	23		86			
23	844,680	578	2,232	2,810	10	25	568	9,372	9,940	1,397	1,073	12,427	13,500	9		1,064	13,161	14,225	9		52			
24	843,150	578	2,232	2,810	10	26	568	9,242	9,810	1,395	1,578	11,622	13,200	13		1,565	12,460	14,025	25		76			
25	842,390	772	2,038	2,810	13	27	759	8,711	9,470	1,394	1,764	11,236	13,000	14	2	1,748	11,878	13,626	41		85			
26	841,120	772	2,028	2,800	13	28	759	8,351	9,110	1,391	2,279	10,721	13,000	18	2	2,259	11,368	13,627	-6		110			
27	839,340	900	1,900	2,800	15	29	885	7,975	8,860	1,389	1,895	10,905	12,800	15	2	1,876	11,647	13,525	4		92			
28	837,300	900	1,900	2,800	15	30	885	7,805	8,690	1,386	2,405	10,095	12,500	19	2	2,384	10,737	13,121	-6		116			
29	835,770	1,150	1,630	2,780	20	31	1,130	7,380	8,490	1,383	2,650	9,830	12,500	21	2	2,627	10,498	13,125	71		126			
30	833,480	1,150	1,620	2,770	20	AUG 1	1,130	7,220	8,350	1,380	2,650	9,850	12,500	21	4	2,625	10,499	13,124	21		128			
1	831,190	1,150	1,610	2,760	20	2	1,130	6,900	8,030	1,376	3,150	9,050	12,200	25	4	3,121	9,802	12,923	101		152			
2	828,900	1,150	1,600	2,750	20	3	1,130	6,630	7,760	1,373	2,650	9,050	11,700	21	4	2,625	9,802	12,427	210		126			
3	826,610	1,280	1,460	2,740	22	4	1,256	6,392	7,650	1,370	2,779	8,722	11,500	22	4	2,752	9,371	12,123	206		134			
4	824,070	1,410	1,310	2,720	24	5	1,386	5,994	7,380	1,366	3,406	8,094	11,500	27	4	3,375	8,746	12,121	-37		765			
5	821,270	1,410	1,300	2,710	24	6	1,386	5,754	7,140	1,362	2,874	8,326	11,200	23	10	2,841	9,267	12,108	15		139			
6	821,270	1,410	1,300	2,710	24	6	1,386	5,754	7,140	1,362	2,874	8,326	11,200	23	10	2,841	9,267	12,108	15		139			
7	818,490	1,490	1,210	2,700	25	7	1,465	5,475	6,940	1,360	2,222	7,398	9,620	18	10	2,194	8,421	10,615	83		107			
8	815,460	1,490	1,200	2,690	25	8	1,465	5,345	6,810	1,359	2,222	7,398	9,620	18	10	2,194	8,121	10,315	211		107			
9	812,680	1,490	1,170	2,660	25	9	1,465	5,185	6,650	1,357	2,222	7,298	9,520	18	10	2,194	8,122	10,316	562		107			
10	809,650	2,200	910	3,110	37	10	2,163	4,977	7,140	1,355	2,668	6,532	9,200	21	10	2,637	7,226	9,863	21		126			
11	806,610	2,230	1,330	3,560	38	11	2,192	5,058	7,250	1,355	2,192	7,198	9,390	18	15	2,159	7,846	10,005	969		105			
12	800,810	2,160	1,380	3,520	37	12	2,123	5,077	7,200	1,355	2,123	7,267	9,390	17	15	2,091	7,923	10,014	957		102			
13	796,160	2,160	1,400	3,560	37	13	2,123	5,227	7,350	1,356	2,123	7,297	9,420	17	15	2,091	7,914	10,008	816		102			
14	792,250	2,450	1,190	3,640	42	14	2,408	4,922	7,330	1,356	2,408	7,012	9,420	19	15	2,374	7,600	9,974	413		116			
15	787,490	2,450	1,160	3,610	42	15	2,408	4,732	7,140	1,355	2,628	6,792	9,420	21	15	2,582	7,341	9,933	461		126			
16	783,720	2,450	1,130	3,580	42	16	2,408	4,632	7,040	1,355	2,913	6,507	9,420	23	15	2,875	6,988	9,863	517		140			
											(62,233)			(496)		(170) (61,567)			(2,613) (2,001)					

OF DATA AT AND BETWEEN SNAKE RIVER GAGING STA

[illegible]

1965

DATE	NEELEY NO. OF STORAGES	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	WILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO WILNER STORED	GOODING PROJECT			P.A.
				STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	
4	0	JULY 6	1,696	- 387	11,287	10,900																	
5	0	7	1,694	- 63	11,063	11,000	99,640	1,690	1,330	3,020	0	3,020	143	8,267	8,410	JULY 7	10.82	217	7				
6	233	8	1,691	1,044	9,956	11,000	98,440	1,790	1,380	3,150	424	2,726	303	8,337	8,640	8	10.73	238	7	500	850	1,350	72
7	233	9	1,688	1,146	10,454	11,600	96,630	1,830	1,380	3,210	484	2,726	1,500	7,230	8,730	9	10.60	248	7	490	850	1,340	72
8	225	10	1,685	1,836	10,964	12,800	93,440	1,820	1,400	3,220	494	2,726	1,662	7,728	9,390	10	10.78	248	7	350	0	1,350	
9	222	11	1,676	3,573	10,627	14,400	91,810	1,840	1,410	3,250	524	2,726	1,402	8,238	9,640	11	11.00	248	7	1,224	148	1,370	
10	207	12	1,666	3,421	11,179	14,600	92,620	1,840	1,420	3,260	534	2,726	1,589	8,191	9,670	12	11.04	249	7	774	618	1,390	7
11	211	13	1,664	2,024	11,178	13,200	95,180	1,840	1,450	3,290	564	2,726	1,647	8,453	10,100	13	11.31	248	7	871	509	1,380	7
12	217	14	1,660	1,214	11,186	12,400	97,110	1,840	1,450	3,290	564	2,726	1,650	8,450	10,100	14	11.30	248	7	820	850	1,470	7
13	214	15	1,654	2,073	10,527	12,600	95,670	1,840	1,440	3,280	554	2,726	1,180	8,460	9,640	15	11.18	248	7	870	850	1,520	7
14	219	16	1,644	3,748	9,452	13,200	94,250	1,840	1,430	3,270	544	2,726	1,869	7,801	9,570	16	11.08	246	7	760	850	1,610	7
15	231	17	1,633	6,020	7,580	13,600	94,020	1,840	1,430	3,270	544	2,726	3,264	6,726	9,990	17	11.14	246	7	1,529	161	1,490	
16	214	18	1,621	6,852	6,648	13,500	93,900	1,840	1,440	3,280	1,554	1,726	4,106	5,854	9,960	18	11.16	248	7	1,700	0	1,700	
17	231	19	1,611	6,006	7,394	13,400	94,720	1,810	1,450	3,260	1,534	1,726	4,968	4,922	9,890	19	11.21	248	7	1,750	0	1,750	
18	203	20	1,603	5,968	7,434	13,400	95,180	1,780	1,460	3,240	1,514	1,726	4,322	5,668	9,990	20	11.32	248	7	1,710	0	1,710	
19	87	21	1,592	4,851	7,949	12,800	98,510	1,700	1,460	3,160	1,434	1,726	4,282	5,708	9,990	21	11.30	248	7	1,720	0	1,720	
20	76	22	1,580	3,881	8,619	12,500	97,110	1,530	1,440	2,970	1,021	1,949	3,840	6,000	9,640	22	11.10	238	7	1,720	0	1,720	
21	123	23	1,575	3,321	8,979	12,300	96,510	1,490	1,390	2,880	261	2,619	3,450	6,000	9,450	23	11.07	233	7	1,890	0	1,890	
22	153	24	1,568	2,698	9,402	12,100	97,350	1,450	1,340	2,790	64	2,726	3,137	6,253	9,390	24	10.98	220	7	1,680	0	1,680	
23	157	25	1,560	3,399	8,701	12,100	97,110	1,410	1,270	2,680	0	2,680	2,698	6,722	9,420	25	10.82	220	7	1,670	0	1,670	
24	164	26	1,551	3,718	8,582	12,300	96,630	1,440	1,280	2,720	19	2,701	3,730	6,000	9,730	26	10.93	220	7	1,680	0	1,680	
25	167	27	1,541	4,625	7,775	12,400	94,840	1,450	1,290	2,740	158	2,582	3,870	6,000	9,870	27	10.92	210	7	1,880	0	1,880	
26	195	28	1,530	5,528	7,872	13,400	94,950	1,510	1,330	2,840	1,065	1,775	3,420	6,000	9,420	28	10.85	210	7	1,580	0	1,580	
27	192	29	1,514	7,222	6,576	13,800	94,950	1,510	1,350	2,860	988	1,872	4,200	6,000	10,200	29	11.07	221	7	1,670	0	1,670	
28	197	30	1,501	7,287	5,913	13,200	93,790	1,550	1,410	2,960	1,234	1,726	5,138	4,852	9,990	30	11.17	223	7	1,660	0	1,660	
29	206	31	1,485	7,924	5,076	13,000	95,310	1,570	1,390	2,960	1,234	1,726	5,773	4,187	9,960	31	11.25	217	7	1,560	0	1,560	
30	187	AUG 1	1,468	7,399	5,401	12,800	95,430	1,570	1,370	2,940	1,264	1,676	6,400	3,400	9,800	AUG 1	11.30	217	7	1,660	0	1,660	
31	162	2	1,453	7,356	5,244	12,600	98,150	1,540	1,350	2,890	1,164	1,726	6,025	3,675	9,700	2	11.30	217	7	1,650	0	1,650	
32	170	3	1,438	7,143	5,257	12,400	96,270	1,530	1,280	2,810	1,084	1,726	6,212	3,518	9,730	3	11.31	212	7	1,650	0	1,650	
33	186	4	1,423	7,196	4,804	12,000	95,310	1,510	1,250	2,760	1,034	1,726	6,109	3,531	9,640	4	11.26	190	7	820	0	820	
34	182	5	1,408	7,725	3,675	11,400	96,030	1,450	1,180	2,630	1,226	1,404	5,860	3,400	9,260	5	11.20	174	7	800	0	800	
35	163	6	1,397	6,889	4,411	11,100	96,390	1,370	1,090	2,460	2,185	275	5,650	3,400	9,050	6	11.06	171	7	1,610	0	1,610	
36	187	7	1,384	7,069	3,931	11,000	96,390	1,330	1,010	2,340	1,329	1,011	5,620	3,400	9,020	7	10.98	152	7	1,610	0	1,610	
37	170	8	1,370	7,565	3,635	11,200	95,910	1,330	1,010	2,340	1,809	531	5,710	3,400	9,110	8	10.96	153	7	1,610	0	1,610	
38	176	9	1,357	7,715	4,085	11,800	98,310	1,350	1,010	2,360	2,125	235	5,680	3,400	9,080	9	10.98	168	7	1,610	0	1,610	
39	183	10	1,342	7,740	4,460	12,200	95,310	1,350	1,080	2,510	1,825	685	5,860	3,400	9,260	10	10.94	194	7	1,530	0	1,530	
40	174	11	1,326	8,226	3,904	12,200	95,180	1,430	1,080	2,510	1,530	1,060	6,170	3,400	9,570	11	11.02	199	7	1,490	0	1,490	
41	179	12	1,309	8,888	3,012	11,900	96,550	1,500	1,090	2,590	1,530	1,060	6,170	3,400	9,570	12	11.10	189	7	1,500	0	1,500	
42	179	13	1,296	8,590	3,010	11,600	96,030	1,500	1,140	2,640	2,136	504	6,290	3,400	9,690	13	11.04	180	7	1,500	0	1,500	
43	174	14	1,281	8,266	3,034	11,300	96,750	1,500	1,190	2,690	2,690	0	6,348	3,012	9,360	14	11.16	161	7	1,510	0	1,510	
44	169	15	1,267	7,885	3,115	11,000	96,510	1,340	1,190	2,530	2,530	0	6,310	3,010	9,320	15	11.16	161	7	1,520	0	1,520	
45	164	16	1,255	7,629	3,171	10,800	97,350	1,260	1,140	2,400	2,400	0	6,196	3,034	9,230	16	11.24	145	7	1,510	0	1,510	
46	154	17	1,245	6,402	3,998	10,400	97,840	1,260	1,140	2,400	2,330	0	5,935	3,115	9,050	17	11.24	141	7	1,440	0	1,440	
47	154	18	1,234	6,458	3,942	10,400	97,840	1,260	1,070	2,330	2,310	0	5,849	3,171	9,020	18	11.14	141	7	1,400	0	1,400	
48	154	19	1,226	7,166	3,514	10,700	98,080	1,280	1,050	2,310	1,772	598	5,330	3,400	8,730	19	11.00	145	7	1,420	0	1,420	
49	154	20	1,214	6,402	3,998	10,400	97,350	1,310	1,080	2,370	1,908	542	5,240	3,400	8,640	20	11.08	149	7	1,420	0	1,420	
50	154	21	1,202	6,458	3,942	10,400	96,870	1,350	1,100	2,450	1,908	542	5,240	3,400	8,640	21	11.15	136	7	1,420	0	1,420	
51	154	22	1,190	6,458	3,942	10,400	95,910	1,350	1,080	2,430	2,316	114	5,440	3,400	8,840	22	11.15						
52	154	23	1,178	6,458	3,942	10,400																	
53	154	24	1,166	6,458	3,942	10,400																	
54	154	25	1,154	6,458	3,942	10,400																	
55	154	26	1,142	6,458	3,942	10,400																	
56	154	27	1,130	6,458	3,942	10,400																	
57	154	28	1,118	6,458	3,942	10,400																	
58	154	29	1,106	6,458	3,942	10,400																	
59	154	30	1,094	6,458	3,942	10,400																	
60	154	31	1,082	6,458	3,942	10,400																	
61	154	32	1,070	6,458	3,942	10,400																	
62	154	33	1,058	6,458	3,942	10,400																	
63	154	34	1,046	6,458	3,942	10,400																	
64	154	35	1,034	6,458	3,942	10,400																	

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
217	7	500	850	1,350	72	850	2,760	3,682	0	3,682	110	3,600	3,710	86	135	221	17	0	17
236	7	490	850	1,340	72	850	2,830	3,752	0	3,752	140	3,600	3,740	102	135	237	17	0	17
248	7	1,350	0	1,350	75	860	2,840	3,775	0	3,775	200	3,600	3,800	123	135	258	16	0	16
248	7	1,224	146	1,370	77	870	2,900	3,847	0	3,847	210	3,600	3,810	140	135	275	18	0	18
248	7	774	616	1,390	77	890	2,920	3,887	0	3,887	150	3,600	3,750	140	135	275	97	0	97
249	7	871	509	1,380	77	860	2,920	3,857	0	3,857	260	3,600	3,860	137	135	272	301	0	301
248	7	620	850	1,470	78	870	2,920	3,868	0	3,868	280	3,600	3,880	137	135	272	586	0	586
248	7	670	850	1,520	75	860	2,930	3,865	0	3,865	270	3,600	3,870	139	135	274	370	0	370
248	7	760	850	1,610	75	840	2,960	3,875	0	3,875	260	3,600	3,860	153	135	288	254	0	254
248	7	1,529	161	1,690	75	860	2,970	3,905	0	3,905	280	3,600	3,880	155	135	290	254	0	254
248	7	1,700	0	1,700	75	870	2,990	3,935	809	3,126	260	3,600	3,860	290	0	290	261	0	261
248	7	1,700	0	1,700	75	880	3,000	3,955	1,101	2,854	830	3,000	3,830	289	0	289	266	0	266
248	7	1,710	0	1,710	75	900	3,020	3,995	2,073	1,922	840	3,000	3,840	288	0	288	269	0	269
248	7	1,720	0	1,720	75	910	3,020	4,005	1,337	2,868	780	3,000	3,780	287	0	287	478	0	478
248	7	1,720	0	1,720	75	900	3,010	3,985	1,277	2,708	760	3,000	3,760	275	0	275	351	0	351
238	7	1,690	0	1,690	75	890	3,010	3,975	975	3,000	800	3,000	3,800	270	0	270	261	0	261
233	7	1,680	0	1,680	75	890	3,020	3,985	985	3,000	850	3,000	3,850	263	0	263	259	0	259
220	7	1,670	0	1,670	75	880	2,990	3,945	945	3,000	627	3,253	3,880	263	0	263	256	0	256
220	7	1,670	0	1,670	75	870	2,980	3,925	803	3,122	300	3,600	3,900	264	0	264	252	0	252
220	7	1,680	0	1,680	75	880	3,020	3,975	975	3,000	860	3,000	3,860	265	0	265	254	0	254
210	7	1,680	0	1,680	76	900	3,000	3,976	976	3,000	850	3,000	3,850	204	0	204	254	0	254
210	7	1,660	0	1,660	75	880	2,980	3,935	935	3,000	830	3,000	3,830	259	0	259	266	0	266
221	7	1,670	0	1,670	75	930	3,040	4,045	1,045	3,000	820	3,000	3,820	263	0	263	264	0	264
223	7	1,660	0	1,660	75	940	3,030	4,045	2,193	1,852	820	3,000	3,820	263	0	263	280	0	280
217	7	1,660	0	1,660	75	950	3,040	4,065	2,878	1,187	810	3,000	3,810	262	0	262	296	0	296
217	7	1,660	0	1,660	74	940	3,040	4,054	3,654	400	790	3,000	3,790	252	0	252	290	0	290
217	7	1,650	0	1,650	74	950	3,060	4,084	3,409	875	770	3,000	3,770	245	0	245	301	0	301
212	7	1,650	0	1,650	71	950	3,020	4,041	3,523	518	750	3,000	3,750	234	0	234	678	0	678
190	7	820	0	820	70	900	2,920	3,890	3,359	531	720	3,000	3,720	222	0	222	1,180	0	1,180
174	7	800	0	800	70	840	2,880	3,790	3,390	400	650	3,000	3,650	206	0	206	1,230	0	1,230
171	7	1,810	0	1,810	69	850	2,960	3,879	3,479	400	640	3,000	3,640	190	0	190	259	0	259
153	7	1,610	0	1,610	69	850	2,960	3,879	3,479	400	650	3,000	3,650	184	0	184	261	0	261
153	7	1,810	0	1,810	69	850	2,860	3,779	3,379	400	690	3,000	3,690	184	0	184	264	0	264
158	7	1,610	0	1,610	69	840	2,880	3,789	3,389	400	690	3,000	3,690	203	0	203	261	0	261
194	7	1,530	0	1,530	65	840	2,900	3,805	3,405	400	730	3,000	3,730	217	0	217	261	0	261
199	7	1,490	0	1,490	64	850	2,920	3,844	3,444	400	770	3,000	3,770	227	0	227	268	0	268
189	7	1,500	0	1,500	64	870	2,920	3,854	3,454	400	750	3,000	3,750	224	0	224	271	0	271
180	7	1,500	0	1,500	64	870	2,800	3,834	3,480	354	1,022	2,658	3,680	199	0	199	271	0	271
161	7	1,510	0	1,510	59	880	2,820	3,759	3,405	354	984	2,656	3,640	172	0	172	373	0	373
161	7	1,520	0	1,520	59	890	2,740	3,689	3,332	357	953	2,677	3,630	166	0	166	417	0	417
145	7	1,510	0	1,510	59	880	2,720	3,659	3,290	359	894	2,746	3,640	166	0	166	528	0	528
142	7	1,440	0	1,440	59	850	2,720	3,629	3,255	374	823	2,797	3,620	173	0	173	421	0	421
145	7	1,400	0	1,400	57	830	2,700	3,587	3,187	400	600	3,000	3,600	170	0	170	259	0	259
148	7	1,420	0	1,420	58	850	2,680	3,586	3,186	400	550	3,000	3,550	149	0	149	347	0	347
136	7	1,420	0	1,420	55	880	2,650	3,565	3,165	400	520	3,000	3,520	140	0	140	528	0	528
									(86,971)		(26,143)			(9,240)			(14,861)		

DAILY SEGREGATION

JACKSON LAKE CONTENTS		SNAKE RIVER AT MORAN			STORAGE MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS	SNAKE RIVER NEAR IRWIN			IRWIN TO HEISE		HEISE & RILEY			STORAGE IN FLOW
ACRE-FOOT	STORAGE	NORMAL	TOTAL				STORAGE	NORMAL	TOTAL	THOUSANDS OF ACRE-FOOT	STORAGE	NORMAL	TOTAL	STORAGE	STORAGE	STORAGE	NORMAL	TOTAL	HENRY'S FORK
177,700	2,590	990	3,580	44	AUG 17	2,546	4,314	6,860	1,354	3,051	6,369	9,420	24	15	3,012	6,821	9,833	390	
172,690	2,590	1,060	3,650	44	18	2,546	4,314	6,860	1,353	2,041	7,059	9,100	16	15	2,010	7,543	9,553	297	
167,450	2,540	1,210	3,750	43	19	2,497	4,623	7,120	1,354	1,487	7,363	8,850	12	15	1,460	7,840	9,300	140	
162,470	2,540	1,250	3,790	43	20	2,497	4,963	7,460	1,356	1,487	7,303	8,790	12	15	1,460	7,700	9,160	29	
158,240	2,500	1,390	3,890	42	21	2,458	4,842	7,300	1,356	1,448	7,342	8,790	12	15	1,421	7,709	9,130	88	
154,760	2,500	1,280	3,780	42	22	2,458	4,762	7,220	1,359	1,953	6,807	8,760	16	15	1,922	7,208	9,130	94	
142,580	2,500	1,240	3,740	42	23	2,458	4,662	7,120	1,361	1,953	6,777	8,730	16	15	1,922	7,138	9,060	92	
137,880	2,500	1,210	3,710	42	24	2,458	4,452	6,910	1,362	2,158	6,512	8,670	17	15	2,125	6,894	9,020	89	
132,690	2,138	1,342	3,480	36	25	2,458	4,272	6,730	1,362	2,458	6,182	8,640	20	15	2,423	6,537	8,960	76	
126,480	2,130	1,020	3,150	36	26	2,102	4,198	6,300	1,362	2,607	6,033	8,640	21	10	2,576	6,414	8,990	82	
124,280	2,310	800	3,110	39	27	2,094	3,876	5,970	1,361	2,599	5,981	8,580	21	10	2,568	6,421	8,989	84	
119,600	2,310	750	3,060	39	28	2,271	3,559	5,830	1,360	2,776	5,404	8,180	22	10	2,744	5,872	8,616	64	
114,930	2,310	710	3,020	39	29	2,271	3,439	5,710	1,359	3,026	5,154	8,180	24	10	2,992	5,514	8,506	69	
110,510	2,170	820	2,990	37	30	2,271	3,339	5,610	1,358	3,026	5,154	8,180	24	10	2,992	5,554	8,546	73	
106,090	2,170	780	2,950	37	31	2,133	3,357	5,490	1,356	2,283	5,417	7,700	18	10	2,255	6,221	8,476	63	
101,920	2,110	790	2,900	36	SEPT 1	2,133	3,227	5,360	1,356	2,333	4,937	7,270	19	0	2,314	5,369	7,683	57	
97,740	2,110	770	2,880	36	2	2,074	3,166	5,240	1,356	2,424	4,906	7,330	19		2,405	5,378	7,783	54	
93,590	2,110	730	2,840	36	3	2,074	3,086	5,160	1,355	2,674	4,656	7,350	21		2,653	5,160	7,813	49	
88,960	2,090	730	2,820	36	4	2,074	2,996	5,070	1,354	2,874	4,506	7,380	23		2,851	5,062	7,913	112	
88,400	2,080	730	2,810	35	5	2,054	2,996	5,050	1,352	2,754	4,686	7,440	22		2,732	5,252	7,984	121	
87,690	2,080	700	2,780	35	6	2,045	3,065	5,110	1,351	2,545	4,955	7,500	20		2,525	5,519	8,044	120	
87,670	1,800	970	2,770	31	7	2,045	3,083	5,130	1,350	2,195	5,275	7,470	18		2,177	5,896	8,073	108	
87,260	1,800	970	2,770	31	8	1,769	3,561	5,330	1,350	1,869	5,601	7,470	15		1,854	6,220	8,074	118	
87,040	1,800	970	2,770	31	9	1,769	3,631	5,400	1,350	2,069	5,401	7,470	17		2,052	6,022	8,074	144	
86,600	1,800	970	2,770	31	10	1,769	3,521	5,290	1,349	2,419	5,051	7,470	19		2,400	5,644	8,044	178	
86,600	1,910	850	2,760	32	11	1,878	3,252	5,130	1,348	2,578	4,892	7,470	21		2,557	5,517	8,074	166	
86,290	1,910	830	2,740	32	12	1,878	3,172	5,050	1,348	2,578	4,892	7,470	21		2,557	5,517	8,074	159	
85,930	1,910	830	2,740	32	13	1,878	3,102	4,980	1,345	2,678	4,702	7,380	21		2,657	5,387	8,044	291	
85,540	1,470	1,250	2,720	25	14	1,445	3,515	4,960	1,343	2,145	5,095	7,240	17		2,128	5,716	7,844	285	
85,200	1,470	1,250	2,720	25	15	1,445	3,665	5,110	1,342	1,698	5,542	7,240	14		1,684	6,199	7,883	260	
848,890	1,430	1,280	2,710	24	16	1,406	4,324	5,730	1,342	- 94	6,764	6,670	- 1		- 93	7,905	7,812	260	
847,440	1,430	1,280	2,710	24	17	1,406	4,064	5,470	1,344	306	5,804	5,910	2		304	6,306	6,610	263	
845,520	1,430	1,270	2,700	24	18	1,406	3,884	5,290	1,347	606	5,304	5,910	5		601	6,009	6,610	26	
842,150	1,430	1,260	2,690	24	19	1,406	3,794	5,200	1,348	606	5,334	5,940	5		601	5,979	6,580	41	
838,780	1,430	1,260	2,690	24	20	1,406	3,724	5,130	1,350	706	5,234	5,940	6		700	5,910	6,610	41	
834,700	530	1,380	1,910	9	21	521	3,639	4,160	1,351	- 979	5,929	4,950	- 8		- 971	7,101	6,130	41	
833,490	200	518	718	3	22	197	3,223	3,420	1,354	- 603	4,863	4,260	- 5		- 598	5,658	5,060	50	
833,250	60	674	734	1	23	59	3,181	3,240	1,356	- 591	4,881	4,290	- 5		- 586	5,566	4,980		
833,250	60	668	728	1	24	59	3,061	3,120	1,357	59	4,301	4,360	0		59	5,001	5,060		
833,010																			

OF DATA AT AND BETWEEN SNAKE RIVER GAGING

24 HOUR SECOND- FEET EXCEPT AS NOTED

SE TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	24 HOUR SECOND-FOOT EXCEPT AS NOTED												
ORDER NO.	STORAGE DIVERSIONS		STORAGE	NORMAL	TOTAL	STORAGE LOSS	STORAGE DIVERSIONS		DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY		DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-FOOT	SNAKE RIVER AT NEELEY			
										STORAGE	NORMAL	TOTAL	CALCULATED INFLOW	STORAGE DIVERSIONS					STORAGE	NORMAL	TOTAL
187	960	AUG 18	2,295	2,395	4,690	137	11	2,147	AUG 19												
98	660	19	1,529	3,201	4,730	91	18	1,420	20	399	2,147	853	3,000	2,777	154	AUG 20	1,215	7,170	8,385	10,800	
71	471	20	1,058	3,772	4,830	61	38	959	21	451	1,420	1,760	3,180	2,789	154	21	1,207	5,851	7,058	10,400	
71	373	21	987	4,543	5,530	58	13	916	22	550	959	2,931	3,890	2,846	114	22	1,199	4,073	5,272	8,500	
69	292	22	972	5,438	6,410	57	18	897	23	612	916	4,104	5,020	2,861	113	23	1,197	2,635	3,832	7,000	
94	116	23	1,618	5,302	6,920	97	3	1,518	24	659	897	4,903	5,800	2,877	139	24	1,195	1,320	2,515	5,000	
94	104	24	1,625	5,135	6,760	97	2	1,526	25	680	1,518	4,472	5,990	2,882	111	25	1,191	1,746	2,937	5,100	
104	131	25	1,805	4,845	6,650	108	3	1,694	26	605	1,526	4,104	5,630	2,914	95	26	1,191	2,232	3,423	5,250	
118	131	26	2,098	4,632	6,730	125	9	1,964	27	536	1,694	3,898	5,590	2,894	95	27	1,190	2,410	3,600	5,200	
125	90	27	2,279	4,341	6,620	137	2	2,140	28	472	1,964	3,416	5,380	2,892	106	28	1,182	2,192	3,374	5,200	
125	99	28	2,260	4,190	6,450	135	9	2,116	29	391	2,140	2,840	4,980	2,892	112	29	1,178	4,188	5,366	8,400	
134	68	29	2,478	3,912	6,390	148	10	2,320	30	320	2,116	2,654	4,770	2,891	112	30	1,174	4,455	5,629	8,000	
146	46	30	2,731	3,369	6,100	163	18	2,550	31	292	2,320	2,040	4,360	2,895	120	31	1,168	5,265	6,433	10,200	
146	72	31	2,701	2,879	5,580	161	19	2,521	SEPT. 1	261	2,550	1,340	3,890	2,890	123	SEPT. 1	1,160	6,170	7,330	10,400	
110	98	SEPT 1	1,984	3,326	5,310	118	21	1,845	2	221	2,521	899	3,420	2,866	134	2	1,150	5,835	6,985	10,800	
113	67	2	2,077	2,753	4,830	124	8	1,945	3	205	1,845	1,045	2,890	2,901	147	3	1,136	6,654	7,790	10,800	
117	79	3	2,155	2,575	4,730	128	17	2,010	4	191	1,945	585	2,530	2,880	147	4	1,129	7,335	8,464	10,800	
130	102	4	2,372	2,318	4,690	141	19	2,212	5	166	2,010	420	2,430	2,895	145	5	1,117	7,685	8,802	11,000	
139	87	5	2,513	2,297	4,810	149	20	2,344	6	184	2,212	286	2,500	2,940	137	6	1,105	7,772	8,877	11,000	
133	80	6	2,398	2,562	4,960	165	23	2,210	7	205	2,344	326	2,670	2,903	150	7	1,095	7,571	8,666	10,800	
123	87	7	2,195	2,625	4,820	131	14	2,050	8	144	2,210	520	2,730	2,889	150	8	1,085	6,991	8,076	10,400	
126	92	8	1,871	2,709	4,580	112	9	1,750	9	82	2,050	440	2,490	2,874	150	9	1,074	6,586	7,660	9,800	
91	124	9	1,521	2,879	4,400	91	9	1,421	10	85	1,750	510	2,260	2,901	150	10	1,066	5,989	7,055	9,400	
100	113	10	1,695	2,655	4,350	101	9	1,585	11	74	1,421	729	2,150	2,926	134	11	1,056	5,695	6,751	9,350	
117	113	11	1,992	2,488	4,480	119	9	1,864	12	116	1,585	625	2,210	2,929	104	12	1,048	5,596	6,644	9,150	
129	118	12	2,148	2,332	4,480	128	10	2,010	13	131	1,864	426	2,290	2,921	111	13	1,039	5,413	6,452	8,750	
125	192	13	2,081	2,259	4,340	124	10	1,947	14	121	1,949	301	2,250	2,936	154	14	1,028	5,323	6,351	8,550	
130	220	14	2,016	1,994	4,010	121	8	1,887	15	117	1,643	297	1,940	2,933	155	15	1,018	5,330	6,348	8,550	
104	213	15	1,526	2,384	3,910	91	6	1,429	16	114	1,478	294	1,770	2,917	114	16	1,026	5,089	6,115	8,250	
82	218	16	1,118	3,132	4,250	66	13	1,039	17	172	1,548	352	1,900	2,933	109	17	1,013	4,515	5,528	7,600	
5	156	17	504	5,804	5,300	30	23	497	18	643	1,696	1,894	3,590	3,034	11	18	1,011	2,362	3,373	5,250	
15	125	18	99	5,799	5,700	6	19	112	19	819	497	5,687	5,190	3,021	0	19	1,012	352	4,534	6,250	
29	45	19	553	5,707	6,260	32	16	505	20	796	112	5,932	5,820	3,032	0	20	1,015	286	3,841	5,700	
29	45	20	568	5,542	6,110	34	0	534	21	628	505	5,215	5,720	2,987	52	21	1,017	204	3,121	5,250	
34	51	21	656	4,924	5,580	39		861	22	587	534	4,726	5,260	2,998	121	22	1,022	3	2,233	5,450	
47	32	22	915	6,055	5,140	33		518	23	587	617	4,343	4,960	3,014	91	23	1,026	84	6,834	6,550	
29	32	23	551	5,041	4,490	33		524	24	557	861	5,121	4,260	3,007	91						
29		24	567	4,887	4,330	3		53	25	507	518	4,388	3,870	2,989	91						
5		25	58	4,184	4,240				26												
										(53,433)					(4,218)		563,963				
															12,128		393,962				
										(3,436)					(436)		(53,433)				
										4,508					7,289		67,232				
367	16,122		57,305																		
368	56,799		79,027																		

1965

RIVER NEELEY			LAKE WACOTT 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					TWA CANALS	
STORED	NORMAL	TOTAL		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL		STORED
96,1630	10,800	96,030	1,240	982	2,222	1,992	230	5,180	3,400	8,580	AUG 21	11.14	121	6	1,350	0	1,350	51	860	2,620	3,331	3,021	400	910
96,549	10,400	96,630	956	877	1,833	684	1,149	4,750	3,400	8,150	22	11.11	121	6	1,350	0	1,350	49	860	2,570	3,479	3,079	400	910
97,777	9,850	98,200	856	823	1,679	0	1,679	3,942	4,098	8,040	23	11.09	108	6	1,350	0	1,350	44	860	2,520	3,454	2,354	1,038	910
97,965	9,600	98,080	790	787	1,577	0	1,577	2,512	5,388	7,900	24	11.12	102	6	1,250	0	1,300	44	860	2,440	3,342	2,342	1,038	910
97,780	9,100	98,920	792	596	1,388	0	1,388	1,308	6,392	7,700	25	10.98	104	6	1,250	0	1,250	42	860	2,440	3,342	2,342	1,038	910
97,354	9,100	98,560	819	599	1,418	0	1,418	1,684	5,936	7,620	26	10.95	104	6	1,200	0	1,200	42	860	2,440	3,342	2,342	1,038	910
97,018	9,250	98,560	927	606	1,533	0	1,533	2,075	5,485	7,560	27	10.91	111	6	1,220	0	1,220	42	860	2,410	3,312	2,312	1,038	910
96,790	9,200	98,680	1,030	671	1,701	0	1,701	2,451	5,069	7,540	28	10.72	111	6	1,220	0	1,220	42	860	2,410	3,312	2,312	1,038	910
96,308	9,500	97,110	1,260	763	2,023	297	1,726	3,118	4,582	7,700	29	10.76	111	6	1,210	0	1,210	42	860	2,420	3,322	2,322	1,038	910
96,732	9,900	96,150	1,340	892	2,232	506	1,726	3,814	4,006	7,820	30	10.81	126	6	1,210	0	1,210	42	860	2,420	3,322	2,322	1,038	910
95,545	10,000	95,670	1,410	952	2,362	636	1,726	3,971	3,819	7,790	31	10.84	148	6	1,210	0	1,210	45	860	2,410	3,315	2,309	1,038	910
94,935	10,200	95,790	1,450	1,050	2,500	965	1,535	4,330	3,400	7,730	SEPT 1	10.78	160	6	1,210	0	1,210	45	860	2,390	3,295	2,474	814	910
94,230	10,400	95,310	1,470	1,190	2,660	1,830	830	4,330	3,400	7,730	2	10.74	167	6	1,200	0	1,200	50	860	2,390	3,300	2,300	1,038	910
93,765	10,600	94,800	1,470	1,220	2,690	2,325	365	4,440	3,400	7,840	3	10.62	167	6	1,220	0	1,220	52	860	2,420	3,332	2,332	1,038	910
93,946	10,600	93,550	1,440	1,290	2,730	2,184	546	4,580	3,400	7,980	4	10.62	162	6	1,270	0	1,270	52	860	2,450	3,362	2,362	1,038	910
93,465	10,800	94,020	1,440	1,300	2,740	2,675	65	4,640	3,400	8,040	5	10.73	162	6	1,280	0	1,280	52	870	2,440	3,352	2,352	1,038	910
93,345	11,000	93,900	1,340	1,300	2,640	2,640	0	4,863	3,315	8,180	6	10.92	153	6	1,290	0	1,290	50	880	2,420	3,350	2,350	1,038	910
93,228	11,000	94,250	1,300	1,290	2,590	2,590	0	5,012	3,228	8,240	7	11.17	153	6	1,290	0	1,290	51	880	2,400	3,331	2,331	1,038	910
93,229	10,800	95,670	1,240	1,240	2,480	2,480	0	4,731	3,229	7,960	8	11.03	147	6	1,270	0	1,270	51	860	2,300	3,211	2,811	400	910
93,409	10,400	95,670	1,150	1,150	2,300	2,291	9	4,190	3,400	7,590	9	11.01	137	6	1,270	0	1,270	51	860	2,300	3,211	2,811	400	910
93,314	9,900	97,470	994	1,070	2,064	2,064	0	4,136	3,314	7,450	10	11.00	130	6	1,270	0	1,270	54	860	2,250	3,144	2,754	400	910
93,411	9,400	97,590	936	1,020	1,956	1,945	11	4,030	3,400	7,430	11	10.96	130	6	1,270	0	1,270	54	870	2,230	3,154	2,754	400	910
93,655	9,350	97,350	934	994	1,928	1,673	255	4,030	3,400	7,430	12	11.00	130	6	1,270	0	1,270	54	860	2,230	3,144	2,744	400	910
93,554	9,150	97,110	934	949	1,883	1,729	154	4,050	3,400	7,450	13	11.00	128	6	1,270	0	1,270	54	860	2,230	3,144	2,744	400	910
93,347	8,760	95,910	963	931	1,894	1,894	0	3,943	3,347	7,290	14	10.84	128	6	1,260	0	1,260	54	870	2,190	3,114	2,745	387	910
93,237	8,560	94,020	982	928	1,910	1,910	0	4,053	3,237	7,290	15	10.78	123	6	1,280	0	1,280	52	870	2,100	3,032	2,832	400	910
93,230	8,560	93,320	941	880	1,821	1,721	100	3,780	3,130	6,910	16	11.15	123	6	1,280	0	1,280	52	870	1,870	2,802	2,402	400	910
93,211	8,280	94,720	852	862	1,714	1,293	421	3,830	2,790	6,620	17	11.10	107	6	1,280	0	1,280	52	890	1,660	2,612	2,212	400	910
93,285	7,600	93,550	808	763	1,571	956	615	3,510	2,670	6,180	18	11.16	98	6	1,220	0	1,220	50	880	1,520	2,480	1,270	1,190	910
94,926	7,290	93,550	761	707	1,468	0	1,468	2,280	3,460	5,740	19	11.11	98	6	1,330	850	1,080	59	840	1,350	2,248	0	2,248	910
95,938	7,290	94,020	735	633	1,368	0	1,368	352	5,822	5,070	21	10.60	98	6	240	850	1,060	57	840	1,350	2,247	0	2,247	910
95,754	7,040	95,550	739	593	1,332	0	1,332	191	5,331	5,140	22	10.65	104	6	210	850	1,070	52	850	1,320	2,222	0	2,222	910
95,666	6,870	96,150	739	596	1,335	0	1,335	223	5,273	5,050	23	10.85	109	6	220	850	1,070	50	840	1,300	2,190	0	2,190	910
95,633	6,630	96,630	746	614	1,360	0	1,360	165	5,215	5,050	24	10.78	109	6	220	850	1,070	50	840	1,300	2,190	0	2,190	910
95,634	6,550	96,870	748	671	1,419	0	1,419																	910

PLATE NO. 13

LAKE WALCOTT CONTENTS ACRE- FEET		MINIDOKA		HOOKE WITH SIDE DUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY				TWIN FALLS CANAL COMPANY		MILNER LOW LIFT			SNAKE RIVER AT MILNER			
		NORTH	SOUTH			STORED	NORMAL	TOTAL	P. A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED
96,030		1,240	982	121	6																
96,630		956	877	121	6	1,350	0	1,350	51	860	2,620	3,531	3,131	400	510	3,000	3,510	112	0		
98,200		856	823	108	6	1,300	0	1,300	49	860	2,570	3,479	3,079	400	520	3,000	3,520	105	0	112	528
96,080		790	787	102	6	1,300	0	1,300	44	860	2,550	3,454	2,356	1,098	440	3,000	3,440	82	0	105	490
98,920		792	598	104	6	1,250	0	1,250	42	860	2,440	3,342	954	2,388	380	3,000	3,380	82	0	82	460
98,560		819	599	104	6	1,200	0	1,200	42	860	2,440	3,342	300	3,042	0	3,350	3,350	84	0	62	513
98,560		927	606	111	6	1,220	0	1,220	42	860	2,410	3,312	376	2,936	310	3,000	3,310	84	0	84	299
98,680		1,030	671	111	6	1,220	0	1,220	42	860	2,410	3,312	827	2,485	270	3,000	3,270	87	0	87	249
97,110		1,260	763	111	6	1,210	0	1,210	42	860	2,420	3,322	1,233	2,089	270	3,000	3,270	102	0	102	252
96,150		1,340	892	126	6	1,210	0	1,210	42	860	2,420	3,322	1,740	1,582	270	3,000	3,270	105	0	105	252
95,870		1,410	952	148	6	1,210	0	1,210	45	860	2,410	3,315	2,309	1,006	270	3,000	3,270	105	0	105	252
95,790		1,450	1,050	160	6	1,200	0	1,200	45	860	2,390	3,295	2,476	819	280	3,000	3,280	108	0	108	252
95,310		1,470	1,190	167	6	1,200	0	1,200	50	860	2,390	3,300	2,900	400	280	3,000	3,280	131	0	131	252
94,800		1,470	1,220	167	6	1,200	0	1,200	52	860	2,420	3,332	2,932	400	260	3,000	3,260	193	0	153	252
93,550		1,440	1,290	162	6	1,220	0	1,220	52	860	2,420	3,332	2,932	400	260	3,000	3,260	148	0	148	252
94,020		1,440	1,300	162	6	1,270	0	1,270	52	860	2,450	3,362	2,962	400	270	3,000	3,270	165	0	165	249
93,900		1,340	1,300	153	6	1,280	0	1,280	52	870	2,440	3,362	2,962	400	280	3,000	3,280	174	0	174	252
94,250		1,300	1,290	153	6	1,290	0	1,290	50	880	2,420	3,350	2,960	390	345	2,925	3,270	171	0	171	254
95,670		1,240	1,240	147	6	1,290	0	1,290	51	880	2,400	3,331	2,951	380	402	2,848	3,250	167	0	167	254
95,670		1,150	1,150	137	6	1,270	0	1,270	51	860	2,300	3,211	2,831	380	351	2,849	3,200	167	0	167	390
97,470		994	1,070	130	6	1,270	0	1,270	51	860	2,300	3,211	2,811	400	180	3,000	3,180	167	0	167	446
97,590		936	1,020	130	6	1,270	0	1,270	54	860	2,300	3,214	2,824	390	196	2,924	3,120	167	0	167	259
97,350		934	994	130	6	1,270	0	1,270	54	880	2,250	3,164	2,764	400	60	3,000	3,060	170	0	170	259
97,110		934	949	126	6	1,270	0	1,270	54	870	2,230	3,154	2,754	400	60	3,000	3,060	173	0	173	256
95,910		963	951	128	6	1,270	0	1,270	54	860	2,230	3,144	2,744	400	40	3,000	3,040	175	0	175	256
94,020		982	928	123	6	1,260	0	1,260	54	860	2,190	3,114	2,745	397	30	3,000	3,030	166	0	166	256
93,320		941	880	123	6	1,260	0	1,260	54	870	2,190	3,114	2,745	369	0	2,950	2,950	157	0	157	254
94,720		852	862	107	6	1,280	0	1,280	62	870	2,100	3,032	2,632	400	12	2,868	2,880	151	0	151	254
93,550		608	763	98	6	1,280	0	1,280	62	870	1,680	2,612	2,212	400	0	2,730	2,730	151	0	151	266
93,550		761	707	98	6	1,280	0	1,280	62	870	1,870	2,802	2,402	400	0	2,730	2,730	146	0	146	266
94,020		735	633	98	6	1,280	0	1,280	62	890	1,680	2,612	2,212	400	0	2,390	2,390	138	0	138	376
95,550		739	593	98	6	1,220	0	1,220	60	880	1,820	2,460	1,270	1,190	0	2,270	2,270	123	0	123	528
96,150		739	596	98	6	330	850	1,180	60	860	1,400	2,320	0	2,320	0	2,270	2,270	0	120	120	252
98,630		746	614	104	6	240	850	1,090	58	840	1,350	2,248	0	2,248	0	2,280	2,280	0	114	114	247
95,870		746	671	109	6	210	850	1,060	57	840	1,350	2,247	0	2,247	0	2,210	2,210	0	111	111	247
				109	6	220	850	1,070	52	850	1,320	2,222	0	2,222	0	2,120	2,120	0	111	111	249
				109	6	220	850	1,070	50	840	1,300	2,190	0	2,190	0	2,090	2,090	0	115	115	249
			</																		

[illegible]

1965

24 HOUR SECOND-FEET EXCEPT AS NOTED

1965

PLATE NO. 14

TOTAL				RESERVOIR	AMERICAN	JACKSON	PALISADES	RENTALS	OTHER	TOTAL
ACRE-FOOT				EQUIVALENT	FALLS	ACRE-FOOT	ACRE-FOOT	ACRE-FOOT	RIGHTS	SUPPLY
ACRE-FOOT				ACRE-FOOT	ACRE-FOOT	ACRE-FOOT	ACRE-FOOT	ACRE-FOOT	ACRE-FOOT	ACRE-FOOT
355	724	772								
132	262	279								
7,624	15,122	16,130								
1,984	3,935	4,197								
26	48	51								
19	71	76								
0	38	41								
149	298	319								
221	438	467								
4,470	8,866	9,457								
4,497	8,920	9,515								
59	117	125								
5,741	11,387	12,146								
591	776	828								
164	325	347								
49	97	105								
196	389	419								
583	1,156	1,233								
42	83	89								
1,875	3,719	3,967								
38	75	80								
64	127	135								
46	91	97								
1,024	2,039	2,175								
0	0	0								
0	0	0								
312	619	660								
951	1,886	2,012								
355	704	751								
67	133	142								
97	192	205								
620	1,230	1,312								
128	254	271								
156	309	330								
37	73	78								
449	891	950								
3,470	6,883	7,342								
6,291	12,478	13,310								
1,308	2,590	2,763								
3	6	6								
4,345	8,626	9,201								
2,650	5,256	5,606								
373	746	792								
50,799	100,737	107,463								
0	0	0								
191	379	404								
13	26	28								
1,846	3,681	3,905								
2,940	5,831	6,220								
0	0	0								
432	857	914								
450	893	953								
240	476	508								
63	125	133								
646	1,285	1,371								
465	924	986								
7,289	14,457	15,422								
0	0	0								
5,714	11,334	12,000								
9,389	18,772	20,000								
97,557	195,568	211,505								
525	1,041	1,100								
13,738	27,243	29,000								
62,778	125,447	133,000								
37,087	74,178	78,000								
34,848	69,693	74,000								
13,532	27,067	28,500								
22,430	44,860	47,500								
0	0	0								
1,689,812	3,379,624	3,600,000								

NOTES

- (1) RENTED FROM WATER DISTRICT NO. 36
- (2) FROM PALISADES WATER USERS
- (3) WEST LABELLE 400 A. F.; LONG ISLAND 260
- (4) INCLUDES WEST SIDE MUTUAL
- (5) TRANSFER TO ABERDEEN PUMP
- (6) TRANSFER FROM WATSON TO PARSONS
- (7) FROM PALISADES WATER USERS AND INCLUDES 16,556 A.F. HOLDOVERS TO INDIVIDUALS IN MANY CANALS
- (8) RENTED TO INDIVIDUALS THROUGH WATER DISTRICT 36
- (9) LAKE WALCOTT 99,640 A.F. GAIN NEELEY TO MILNER 70,720 A.F.
- (10) WYOMING 33,000 A.F.; CONTINGENCIES 1,440
- (11) DOES NOT INCLUDE FOLLOWING ALLOTMENTS

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

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

File Number Washington District

Plate No 15

TIME: CLOUGH TO RUEGAR = 12 Hrs.
RUEGAR TO MINIDOKA = 8 Hrs.
MINIDOKA TO MULNER = 12 Hrs.

Marion To Heise - Disch at Heise

Heise To Shelley - Disch at Shelley

Shelley To Cloughs - Disch at Shelley

Discharge in Sec. Ft. 10000 9000 8000 7000 6000 5000 4000 3000 2000 1000 0

TIME INTERVAL IN HOURS 15 10 5 0

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

CANAL

MAY 1965

FALL RIVER CANALS

[illegible]

HENRYS FORK CANALS

[illegible]

TETON RIVER CANALS

[illegible]

[illegible]

FALL RIVER CANALS

9961 3200

7 E N E 2

[illegible]

WILFORD	141	133	135	141	143	144	140	136	136	138	134	142	142	87	85	81	16	14	14	14	17	17	137	142	66	61	59	63	13	14	11	377
TETON IRRIGATION	103	92	98	91	89	102	100	94	88	81	80	86	85	81	85	81	19	82	86	17	77	72	71	67	70	69	67	70	70	63	55	2523
GOOD LUCK	29	21	22	23	19	16	16	14	14	14	14	16	17	17	18	0	0	16	16	10	1	1	1	1	1	1	1	1	1	1	1	361
PIONEER	24	22	24	0	18	19	21	21	14	14	14	16	17	17	18	0	0	16	16	10	1	1	1	1	1	1	1	1	1	1	1	361
STEWART	25	26	27	27	27	30	27	27	27	27	30	29	28	29	28	26	29	34	27	27	27	26	26	26	26	26	20	20	21	16	16	305
PINCOCK-BYINGTON	19	18	19	20	20	21	20	20	16	19	19	18	18	17	17	17	18	17	18	18	18	19	19	17	17	16	16	16	15	15	15	808
GARNER	18	17	15	16	16	15	18	18	19	19	19	18	21	21	21	18	20	18	18	18	19	19	19	17	16	16	16	16	15	15	15	555
TETON ISLAND FEEDER	286	269	379	384	399	383	373	349	335	335	335	341	313	303	300	292	290	273	282	303	231	229	193	201	187	188	169	167	167	164	159	8,581
ROXANA	13	14	16	15	14	17	25	24	23	23	22	21	19	28	22	16	15	18	19	16	16	3	4	4	4	4	4	4	4	3	445	
WOODMANSEE-JOHNSON	40	46	46	48	48	51	53	35	29	28	47	43	44	53	53	41	36	34	38	43	29	29	16	16	3	4	4	4	4	4	4	445
EAMES-THOMPSON	38	32	27	27	24	19	23	26	27	26	26	26	26	45	49	50	51	55	57	45	51	52	49	48	41	46	45	45	42	40	1,020	
MC CORMICK-ROWE	0	3	3	3	3	0	3	3	0	0	0	0	0	3	3	3	3	3	0	0	3	3	0	0	0	0	0	0	0	0	0	1,253
CITY OF REXBURG	29	31	30	38	38	32	34	38	35	32	32	27	27	14	14	14	14	14	3	3	2	2	2	2	0	0	0	0	0	0	0	33
REXBURG IRRIGATION	267	268	192	212	212	259	299	326	271	283	259	327	333	291	277	278	263	279	300	303	287	242	257	233	243	228	234	233	229	229	229	8,101
SAURY-SOMMERS	23	24	26	27	28	25	23	23	23	23	23	23	22	22	22	23	23	23	23	23	23	23	23	15	14	14	14	14	13	13	13	606
TOTAL TETON RIVER	1076	1036	1026	1029	1117	1083	1163	1150	1150	1071	1111	1089	1151	1169	1118	1071	1032	975	1013	1078	895	857	729	747	702	705	659	678	681	727	641	29,849

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	
		STORED	NORMAL	TOTAL							STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS		STORED	NORMAL
JULY 14		40	115	155	1													
15		40	98	138	2													
16		40	104	144	1			39	JULY 15	134,480	450	700	1,150	11		JULY 16	439	1,521
17		40	98	138	2			38	16	133,590	420	820	1,110	10		17	412	1,730
18		40	94	134	1			39	17	132,790	450	680	1,130	11		18	438	1,741
19		40	90	130	2			38	18	131,750	450	670	1,160	12		19	478	1,702
20		40	88	128	1			39	19	130,880	380	670	1,050	10		20	370	1,500
21		40	86	126	2			38	20	130,320	284	660	944	7		21	277	1,543
22	81,100	60	119	179	2			39	21	129,850	278	660	938	7		22	271	1,509
23		100	139	239	4	5	12	38	22	129,140	288	650	938	7	2	23	279	1,501
24		100	128	228	4	5	12	65	23	128,680	280	640	920	7	2	24	271	1,509
25		100	83	183	4	5	12	103	24	128,200	280	640	920	7	2	25	271	1,543
26		100	77	177	4	5	12	103	25	127,810	278	630	908	7	2	26	289	1,551
27		100	85	185	4	5	12	103	26	127,500	342	620	962	9	2	27	337	1,559
28		100	104	204	4	5	12	103	27	126,960	372	620	992	9	2	28	361	1,579
29		100	97	197	4	5	12	103	28	126,180	376	610	986	9	2	29	365	1,605
30		100	91	191	4	5	12	103	29	125,780	440	610	1,050	11	2	30	427	1,553
31		100	79	179	4	5	12	103	30	124,940	580	600	1,180	14	2	31	564	1,665
AUG 1		100	67	167	4	10	12	103	31	123,860	710	600	1,310	18	2	AUG 1	690	1,630
2		100	61	161	4	10	12	98	AUG 1	122,560	750	500	1,350	19	5	2	726	1,624
3		100	55	155	4	15	12	98	2	121,200	750	600	1,350	19	5	3	728	1,644
4		100	55	155	4	15	12	93	3	119,760	760	600	1,360	19	5	4	736	1,664
5		100	55	155	4	15	12	93	4	118,560	760	600	1,360	19	5	5	736	1,614
6	77,500	100	49	149	4	15	12	93	5	117,440	760	600	1,360	19	5	6	736	1,535
7		100	40	140	4	15	12	93	6	116,110	820	600	1,420	20	5	7	745	1,534
8		80	41	121	3	15	12	93	7	114,570	1,180	600	1,780	29	5	8	1,146	1,735
9		80	39	119	3	15	12	93	8	112,380	1,220	600	1,820	30	5	9	1,185	1,765
10		80	41	121	3	15	12	74	9	110,080	1,220	600	1,820	30	5	10	1,185	1,795
11		80	39	119	3	15	12	74	10	107,810	1,220	600	1,820	30	5	11	1,067	1,823
12		100	40	140	4	15	12	74	11	105,560	1,100	620	1,720	28	5	12	833	1,857
13		140	53	193	6	15	12	74	12	103,620	860	640	1,500	22	5	13	814	1,768
14		140	51	191	6	15	12	93	13	102,180	840	660	1,500	21	5	14	677	1,703
15	75,200	140	49	189	6	15	12	131	14	100,960	700	680	1,380	18	5	15	521	1,556
16		140	47	187	6	15	12	131	15	99,480	540	660	1,200	14	5	16	424	1,452
17		140	45	185	6	15	12	131	16	98,810	440	640	1,080	11	5	17	268	1,333
18		140	43	183	6	15	12	131	17	98,200	280	640	920	7	5	18	87	1,333
19		140	43	183	6	15	12	131	18	98,000	94	640	734	2	5	19	28	1,333
20		130	53	183	5	15	12	131	19	98,400	34	640	674	1	5	20	8	1,333
21		130	51	181	5	15	12	131	20	98,810	13	640	653	0	5	21	8	1,333
22		130	51	181	5	15	12	122	21	98,940	13	640	653	0	5	22	22	1,333
23		130	51	181	5	15	12	122	22	99,210	28	620	648	1	5	23	22	1,333
24		130	51	181	5	15	12	122	23	99,620	28	620	648	1	5	24	17	1,333
25		120	59	179	5	15	12	122	24	99,950	22	620	642	0	5	25	17	1,333
26		120	59	179	5	15	12	122	25	100,220	17	620	637	0	5	26	17	1,333
27		120	59	179	5	15	12	122	26	100,360	37	600	637	7	5	27	16	1,333
28		120	59	179	5	15	12	112	27	100,620	26	600	626	1	5	28	16	1,333
29		120	59	179	5	15	12	112	28	100,820	21	600	621	0	5	29	16	1,333
30		120	59	179	5	15	12	112	29	101,100	10	600	610	0	5	30	16	1,333
		120	59	179	5	15	12	112	30	101,240	0	600	600	0	5	31	16	1,333
		120	59	179	5	15	12	112	31		- 5	600	595	0	5	SEPT 1	- 10	1,333

HENRY'S FORK - DAILY SEGREGATION OF FLOW

24 HOUR SECOND- FEET EXCEPT AS NOTED

HENRY'S FORK ASHTON	GRASSY LAKE STORAGE RELEASE	STORED DIVERSIONS ASHTON TO ST. ANTHONY	HENRY'S FORK AT ST. ANTHONY			STORED DIVERSIONS ST. ANTHONY TO REXBURG		DATE	HENRY'S FORK NEAR REXBURG		
			STORED	NORMAL	TOTAL	HENRY'S FORK	TETON RIVER		STORED	NORMAL	TOTAL
1,591	2,130		251	188	1,152	1,340			164	1,046	1,210
1,790	2,110		241	169	1,191	1,360	24	JULY 17	147	1,313	1,460
1,747	2,180		167	272	1,228	1,500	22	18	238	1,392	1,630
1,702	2,180		159	319	1,231	1,550	34	19	311	1,339	1,650
1,600	1,970		161	209	1,221	1,430	8	20	205	1,325	1,530
1,643	1,920		200	77	1,253	1,330	4	21	22	1,378	1,400
1,609	1,880		174	97	1,163	1,260	5	22	-17	1,207	1,190
1,601	1,880		171	108	1,092	1,200	1	23	23	1,107	1,130
1,609	1,880		166	105	1,005	1,110	1	24	9	1,121	1,130
1,649	1,920		154	117	1,003	1,120	1	25	25	1,345	1,370
1,651	1,920		157	112	1,228	1,340	0	26	41	1,459	1,500
1,659	1,990		275	56	1,234	1,290	62	27	-6	1,296	1,290
1,579	1,940		302	59	1,031	1,090	55	28	4	1,076	1,080
1,605	1,970		325	40	980	1,020	0	29	-6	980	986
1,553	2,080		324	103	927	1,030	1	30	72	978	1,050
1,666	2,230		326	238	1,012	1,250	1	31	213	947	1,160
1,630	2,320		460	230	1,100	1,330	45	AUG 1	161	1,099	1,260
1,624	2,350		481	245	1,095	1,340	1	2	220	930	1,150
1,624	2,350		490	236	1,014	1,250	1	3	206	914	1,120
1,644	2,380	30	818	-52	1,312	1,260	1	4	-87	1,257	1,170
1,664	2,400	52	719	69	1,261	1,330	16	5	19	1,211	1,230
1,614	2,350	52	668	120	1,250	1,370	5	6	83	1,247	1,330
1,635	2,630	52	586	261	1,359	1,620	5	7	211	1,459	1,670
1,834	2,980	52	582	616	1,314	1,930	0	8	582	1,278	1,860
1,735	2,920	52	264	973	957	1,930	3	9	911	899	1,810
1,765	2,950	52	228	1,009	901	1,910	0	10	988	772	1,760
1,795	2,980	52	255	982	858	1,840	1	11	957	743	1,700
1,623	2,690	52	278	841	779	1,620	13	12	806	864	1,670
1,657	2,690	52	297	588	1,072	1,660	1	13	473	1,347	1,820
1,766	2,580	52	277	589	1,021	1,610	1	14	461	1,349	1,810
1,793	2,380	52	242	487	1,033	1,520	1	15	397	1,423	1,820
1,639	2,160	52	166	407	993	1,400	1	16	390	1,330	1,720
1,556	2,080	52	164	312	1,058	1,370	0	17	297	1,343	1,640
1,452	1,720	52	164	156	1,044	1,200	1	18	140	1,350	1,490
1,533	1,620	52	152	-13	1,213	1,200	1	19	-29	1,919	1,890
1,592	1,620	52	148	-68	1,608	1,540	1	20	-88	2,148	2,060
1,452	1,460	52	138	78	1,448	1,370	1	21	-94	2,284	2,190
1,612	1,620	52	143	-83	1,683	1,600	1	22	-99	2,459	2,360
1,518	1,540	52	146	-72	1,712	1,640	1	23	-86	2,426	2,340
1,558	1,580	52	136	-62	1,682	1,620	1	24	-76	2,386	2,310
1,503	1,520	52	138	-69	1,649	1,580	1	25	-82	2,282	2,200
1,509	1,520	52	136	-72	1,632	1,560	1	26	-84	2,194	2,110
1,575	1,540	52	129	-52	1,612	1,560	1	27	-64	2,124	2,060
1,540	1,560	52	129	-57	1,617	1,560	1	28	-69	2,049	1,980
1,484	1,500	52	129	-61	1,601	1,540	1	29	-73	2,013	1,940
1,495	1,500	52	108	-51	1,551	1,500	1	30	-63	1,963	1,900
1,575	1,520	52	93	-46	1,546	1,500	1	31	-57	1,927	1,870
1,570	1,560	52	86	-44	1,564	1,520	1	SEPT 1	-54	1,934	1,880

DATE	HENRY'S LAKE CONTENTS ACRE- FEET	HENRY'S FORK NEAR LAKE			STOR LO LAKE
		STORED	NORMAL	TOTAL	
AUG 31		120	57	177	
SEPT 1		120	55	175	
2	70,300	120	55	175	
3		120	55	175	
4		120	55	175	
5		120	55	175	
6		120	53	173	
7		120	53	173	
8		120	53	173	
9	68,300	70	51	121	
10		-20	38	18	
11		-20	38	18	
12		-20	38	18	
13		-20	38	18	
14		-20	38	18	
15		-20	38	18	
16		-20	38	18	
17		-20	38	18	
18		-20	38	18	
19		-20	38	18	
20		-20	38	18	
TOTAL		5,890			

W 1965

YS FOR ASHTON	STORED LOSS	STORED DIVERSIONS	FM DIST SHERIDAN CREEK	STORED INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS	HENRYS FORK NEAR ISLAND PARK			ISLAND PARK TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE	STORED DIVERSIONS	HENRYS FORK AT ST ANTHONY		
	LAKE TO ISLAND PARK	ABOVE ISLAND PARK	RIGHT	ACRE-Feet		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL	STORAGE RELEASE	ASHTON TO ST ANTHONY	STORED	NORMAL	TOTAL
691	5	15	12	112	SEPT 1	101,370	- 5	600	595	0	5	SEPT 2	- 10	1,530	1,520	52	87	- 45	1,525
700	5	15	12	112	2	101,500	- 6	590	584	0	5	3	- 11	1,511	1,500	52	135	- 34	1,524
741	5	15	12	112	3	101,780	- 11	590	579	0	5	4	- 16	1,516	1,500	52	136	- 100	1,560
702	5	15	12	112	4	101,780	- 11	590	579	0	5	5	- 16	1,516	1,500	52	135	- 99	1,579
800	5	15	12	112	5	101,840	- 1	580	579	0	5	6	- 6	1,526	1,520	52	137	- 91	1,581
843	5	15	12	112	6	102,180	- 1	580	579	0	5	7	- 6	1,546	1,540	52	137	- 91	1,531
809	5	15	12	112	7	102,390	- 1	580	579	0	5	8	- 6	1,546	1,540	37	135	- 104	1,544
801	5	15	12	112	8	102,800	- 1	580	579	0	5	9	- 6	1,526	1,520		136	- 102	1,732
809	5	15	12	112	9	103,080	9	570	579	0	5	10	4	1,496	1,500		137	- 132	1,873
849	3	15	12	64	10	103,280	9	570	579	0	5	11	4	1,456	1,460		133	- 129	1,809
851	- 1	15	12	- 22	11	103,220	14	570	584	0	2	12	12	1,448	1,460		146	- 134	1,564
859	- 1	10	12	- 17	12	103,080	14	570	584	0	2	13	12	1,428	1,440		138	- 126	1,516
579	- 1	10	12	- 17	13	102,940	24	560	584	0	2	14	22	1,438	1,460		133	- 111	1,581
605	- 1	10	12	- 17	14	102,730	24	560	584	0	2	15	22	1,478	1,500		131	- 108	1,589
653	- 1	10	12	- 17	15	102,940	34	550	584	1	2	16	31	1,469	1,500		132	- 101	1,771
666	- 1	10	12	- 17	16	102,460	34	550	584	1	2	17	31	1,409	1,440		1	30	1,520
630	- 1	10	12	- 17	17	102,600	49	540	589	1	2	18	46	1,394	1,440		1	45	1,495
624	- 1	10	12	- 17	18	102,660	49	540	589	1	2	19	46	1,414	1,460		1	45	1,513
624	- 1	5		- 24	19	102,800	49	540	589	1	2	20	46	1,374	1,420			45	1,535
644	- 1	5		- 24	20	102,940	53	542	595	1	2	21	50	1,370	1,420			50	1,530
664	- 1	5		- 24	21	102,730													
614																			
835																			
834	228	740	696	5,418				21,581		540	245		20,776		1,835	14,495		6,116	
735																			
765																			
795																			
823																			
857																			
766																			
703																			
839																			
656																			
452																			
533																			
592																			
452																			
612																			
518																			
558																			
503																			
508																			
515																			
580																			
434																			
485																			
525																			
370																			

(1) LISTED HERE ONE DAY LATER THAN

(1) LISTED HERE ONE DAY LATER THAN

(1) LISTED HERE ONE DAY LATER THAN AT DAM

STORAGE DIVERSIONS

STORAGE DIVERSIONS

24

NAME OF CANAL	NO.	JULY																															
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
USERS ABOVE ISLAND PARK DAM	1																																
MISCEL. ISLAND PARK TO ASHTON	2							5	5	5	5	5	5	5	5	5	5	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MISCEL. ASHTON TO ST. ANTHONY	3							2	2	2	2	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
USERS ON FALLS RIVER	4							1	1																								
CONANT CREEK CANAL	5							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
BOOM CREEK CANAL	6							1	1	1	1	1	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
SQUIRREL CREEK CANAL	7																	17	18	19	21	21	20	18	18	16	15	15	14	13			
YELLOWSTONE	8																	5	5	5	6	6	8	6	6	6	6	6	6	6	6	6	
MARYSVILLE	9																	2	8	8	10	11	11	12	6	10	9	7	7	8			
FARMERS OWN	10	7	7	7	6	5	6	6	7	7	7	7	7	10	9	9	9																
ALMY	11																	8	8	8	8	8	8	8	8	8	8	3	3	3	3	3	
ENTERPRISE	12	133	129	129	125	125	147	139	149	145	145	147	144	143	142	141	139	141	139	141	144	145	141	142	143	141	144	139	139	150			
BELL	13				1	0	1	0																									
FALL RIVER CANAL	14	66	61	31	26	31	46	27	10	12	0		0	23	33	46	51	64	78	85	85	0											
CHESTER	15																																
SILKEY	16											1	0							0	59	59	59	6	6	0							
CURR	17				1	0		0	3	0																							
DEWEY	18																					0	2	0									
LAST CHANCE	19	6	6	0														0	107	107	107	107	107	102	86	86	0						
ST ANTHONY UNION	20																																
FARMERS FRIEND	21												121	123	138	125	124	108	110	108	98	77	50	51	50	44	40	74	99	106			
TWIN GROVES	22	13	12	0																													
SALEM UNION	23	26	26	0																0	4	6	0										
TOTAL ASHTON TO ST. ANTHONY	24	251	241	167	159	161	200	174	171	166	154	157	275	302	325	324	326	460	481	490	818	719	668	586	582	264	228	255	278	297			
EGIN	25																	45	0		0	16	5	5	0	3	0	1	13	0			
INDEPENDENT	26																																
CONSOLIDATED FARMERS	27	24	22	34	8	4	4	0										1	1		1	1	1										
BORENSSEN	28																																
TOTAL ST. ANTHONY TO REXBURG	29	24	22	34	8	4	5	1	1	1	1	0				0	1	1	45	1	1	1	16	5	5	0	3	0	1	13			

(1) FROM PALISADES WATER USERS

(1) FROM PALISADES WATER USERS

(2) RENTED FROM FREMONT MADISON DISTRICT

HOURLY SECOND-FOOT EXCEPT AS NOTED

AUGUST

SEPT EMB ER

(3) INCLUDES 200 A.F. PUMPED FROM CONANT CREEK

(4) DRAFT FROM INDIAN LAKE AND BEROMAN RESERVOIR

(5) JACKSON LAKE 5,883 A.F.; AMERICAN FALLS 10,188

SPRING AND FALL RIVER 1965

PLATE NO 22

SEPTEMBER																								NO	TOTAL		RESERVOIR ALLOTMENTS IN ACRE- FEET					TOTAL	HEADGATE EQUIVALENT
27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		20	SECOND- FEET	ACRE- FEET	FREMONT MADISON	HENRYS LAKE	OTHER RIGHTS	RENTALS		
5	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	5	5	5	1	740	1,468	1,590		(1) 1,470	3,060	2,928	
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2	2	2	2	2	245	486	689			689	672	
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2	2	2	2	3	82	163	313			313	305	
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2	2	2	2	4	220	438	555			555	541	
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2	2	2	2	5	372	738	1,525			1,525	1,487	
1	1	1	1	1	1	1	1	7	7	6	6	5	5	5	5	4	4	3	3	3	3	3	0		6	153	303	165		(2) 100	265	258	
						0	6	6	6	6	6	6	6	6	6	6	6	3	1	1	1	1	0		7	131	(3) 260	240		(4) 154	394	384	
									0	2	1	1	1	1	1	1	1	1	1	1	1	0		8	98	194	1,680			1,680	1,638		
																								9	1,043	2,069	19,738			19,738	19,245		
																								10	203	403	8,069			8,069	7,868		
0	0	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	0		11	59	117	80			80	78		
(2)	(2)	(2)	98	63	78	79	90	90	90	92	92	92	92	92	90	87	84	84	84	87	0			12	7,790	15,451	10,180		(5) 16,071	26,251	24,991		
																								13	41	81	140			140	136		
																								14	775	1,537	7,983			7,983	7,783		
																								15	190	377	1,534			1,534	1,496		
																								16	0	0	511			511	498		
																								17	6	12	50			50	49		
																0	16	14	12	11	10	0		18	249	494	619	1,135		1,754	1,656		
																								19	821	1,628	1,875	10,990		12,865	12,115		
						0	25	26	26	27	26	26	27	28	28	27	28	28	27	28	0			20	0	0	3,551	5,332		8,883	8,453		
																								21	2,175	4,314	5,569			5,569	5,430		
																								22	25	50	5,715			5,715	5,572		
																								23	62	123	7,755	19,211		26,966	26,542		
129	129	106	93	86	87	135	136	135	137	135	136	137	133	146	138	133	131	132	1	1	1	1		24	14,495	28,750	77,847	36,668	16,225	100	130,840	125,533	
																								25	88	175	2,374	5,332		7,706	7,306		
																								26	0	0	9,096	21,345		30,441	28,848		
																								27	96	190	5,118	16,005		21,123	19,971		
																								28	14	28	28			28	27		
																								29	198	393	16,616	42,682		59,298	56,152		

(5) JACKSON LAKE 5,883 A.F., AMERICAN FALLS 10,188

(5) JACKSON LAKE 5,883 A.F., AMERICAN FALLS 10,188

STORAGE DIVERSI

CANAL	NO.	JULY										AUGUST																					
		21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
TRAIL CREEK BRIGATION CO.	1	57	47	39	39	39	41	41	36	14	4	0		0	9	8	8	8	0														
STRING CANAL	2	37	34	31	31	29	29	29	29	29	29	29	29	29	29	29	26	23	19	9	9	8	8	8	8	9	9	9	9	9	9	9	
TETON CREEK CANALS	3																																
SOUTH LEIGH CREEK CANALS	4	5	5	5	5	5	5	5	0																								
NORTH LEIGH CREEK CANALS	5																																
SPRING CREEK CANALS	6																																
DARBY, SWAMPS, MISC.	7	30	19	19	13	8	0	0																									
TOTAL IN TETON BASIN	8	129	105	94	88	81	75	75	65	43	33	29	30	30	38	38	38	33	24	20	10	10	9	9	9	9	10	10	10	10	10	10	
EQUIVALENT AT ST. ANTHONY (3)	9		79	65	58	54	50	46	46	40	26	20	18	18	18	23	23	23	22	15	12	6	6	6	6	6	6	6	6	6	6	6	
DARBY CREEK CANAL	10																																
MISCELLANEOUS	11	3	3	3	3	3	3	3	3	3	3	3	5	5	8	8	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	
TOTAL ABOVE ST. ANTHONY GAGE	12	3	82	68	61	57	53	49	49	43	29	23	23	23	26	31	31	31	30	23	20	14	14	14	14	14	27	26	11	11	11	11	
CROSS CUT INFLOW	13												0	45	47	47	120	120	120	109	105	109	148	148	155	165	165	165	136	90	122	143	
TETON RIVER BELOW DIVERSIONS (4)	14	318	294	188	216	245	310	289	238	217	190	196	206	221	161	312	217	220	248	226	216	190	140	136	161	218	304	370	338	292	283	335	
SIDDOWAY	15																																
TETON IRRIGATION	16																																
WILFORD	17																																
GOOD LUCK	18			4	0																												
PIONEER	19																																
STEWART	20				0	3	7	3	3	1	0							0	3	0				0	3	2	1	2	1	0	2	7	
PINCOCK-BYINGTON	21	1	0	2	2	2	2	2	0																								
PINCOCK-GARNER	22																																
TETON ISLAND FEEDER	23																																
GARDNER	24												0	0	3	3	3	0	3	3	3	0					0	3	3	3	3	0	
FAMES-THOMPSON	25																	0	1	9	8	7	7	6	5	3	12	6	0	0	2	3	
ROXANA	26	8	1	0																													
BIGLER	27	3	3	3	2	2	3	2	2	1	0																						
WOODMANSEE-JOHNSON	28																																
ISLAND WARD	29																				0	26	0	0	27	33	0						
REXBURG IRRIGATION	30	35	27	7	30	27	6	6	0												0	3	0	4	3	3	0						
MCDORMICK-ROWE	31												1	1	1																		
MISCELLANEOUS	32																																
TOTAL BELOW ST. ANTHONY GAGE	33	47	31	16	34	34	18	13	6	3	1	1	1	1	3	3	3	1	15	11	39	7	10	8	80	100	83	5	4	5	5	5	
TOTAL TETON RIVER	34	50	113	84	95	91	71	62	55	46	30	24	24	24	29	34	34	32	45	34	59	21	24	22	114	127	89	15	15	16	6	6	

DARBY CREEK USERS RENTED FROM SOUTH LEIGH

(2) FROM PALISADES WATER USERS

(3) IN

(1) DARBY CREEK USERS RENTED FROM SOUTH LEIGH

(2) FROM PALISADES WATER USERS

(3) IN

RSIONS FROM TETON RIVER
24 HOUR SECOND- FEET EXCEPT AS NOTED

24 HOUR SECOND- FEET EXCEPT AS NOTED

LINE B DIVIDED BY 1.625 AND ONE DAY LATER

(4) INCLUDES WATER DIVERTED BY SAURY-SOMMERS CANAL

ETON RIVER 1965

PLATE NO. 23

NOTED

SEPTEMBER																				NO.	TOTAL		RESERVOIR ALLOTMENT, ACRE-FEET				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		SECOND FEET	ACRE FEET	FREMONT MADISON	OTHER RIGHTS	RENTALS	TOTAL	HEADGATE EQUIVALENT
																				1	389	772	3,226			3,226	5,110
																				2	752	1,492	1,608			1,608	2,547
																				3	0	0	882			882	1,337
																				4	38	69	676		(1) - 78	598	947
																				5	0	0	181			181	287
																				6	0	0	346			346	548
																				7	115	228	168	(2) 190	(1) 78	436	679
																				8	1,291	2,561	7,087			7,277	11,515
																				9	794	1,575		190	0		
																				10	248	492	1,584			1,584	1,544
																				11	298	591	635	(2) 1,750		2,385	2,259
																				12	1,340	2,658	9,306	1,940	0	11,246	—
																				13	2,432	4,824					
																				14							
																				15	0	0	504			504	491
																				16	0	0	1,386			1,386	1,351
																				17	48	95	2,919			2,919	2,846
																				18	36	71	367			367	358
																				19	6	12	144			144	140
																				20	65	129	479			479	467
																				21	41	81	285			285	278
																				22	29	58	504			504	494
																				23	0	0	9,272			9,272	9,040
																				24	0	0	97			97	95
																				25	51	101	120			120	117
																				26	78	155	754			754	735
																				27	35	69	80			80	76
																				28	45	89	1,539			1,539	1,500
																				29	288	571	3,603			3,603	3,513
																				30	634	1,258	4,638			4,638	4,522
																				31	13	26	103			103	100
																				32	8	16	17			17	17
																				33	1,377	2,731	26,811			26,811	26,142
																				34	2,717	5,389	36,117	1,940	0	38,057	—

WATER DIVERTED BY SAURY-SOMMERS CANAL

OPERATION OF CROSS CUT CANAL DURING 1965

PLATE NO. 23A

LOCATION		24 HOUR SECOND- FEET																															
		1	2	3	4	5	6	7	8	9	10	M A Y																				TOTAL	
INFLOW FROM FALL RIVER CANAL		17	17	17	11	6	6	6	5	5	4	13	20	38	57	55	75	84	100	116	114	110	120	129	140	144	149	150	154	155	158	159	2,241
NORTH BRANCH DIVERSION		10	10	10	24	37	37	37	38	39	40	47	54	53	52	53	53	54	56	58	58	59	55	51	47	52	58	60	62	62	61	61	1,448
MIDDLE BRANCH DIVERSION		27	27	27	27	27	27	27	27	28	28	32	35	40	46	50	55	60	65	70	72	74	77	80	84	88	91	95	99	100	102	103	1,790
BELOW FALL RIVER CANAL DIVERSIONS		0	0	0	8	16	16	16	16	16	16	28	39	51	63	68	73	78	91	104	100	95	98	100	103	108	113	115	117	117	117	1,999	
CROSS CUT AT END																																	0
LOCATION																																	

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	154	147	150	153	157	163	168	168	169	161	153	168	182	198	194	187	165	143	136	131	126	145	164	150	135	114	92	71	98	124	4,466
INFLOW FROM FALL RIVER CANAL	70	79	80	81	86	90	94	92	90	89	88	68	48	28	28	27	27	27	26	24	22	23	24	24	24	20	16	11	11	11	1,428
NORTH BRANCH DIVERSION	108	112	116	120	121	123	124	122	121	121	121	120	118	117	118	119	104	90	90	91	91	95	99	102	105	98	90	82	86	89	3,213
MIDDLE BRANCH DIVERSION	116	114	114	114	122	130	138	138	138	129	120	116	112	109	104	95	88	80	72	64	57	73	89	72	54	36	18	0	23	46	2,681
BELOW FALL RIVER CANAL DIVERSIONS																															0
CROSS CUT AT END																															0

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	131	139	146	154	162	169	176	182	189	185	183	180	182	184	194	191	186	155	155	151	164	154	137	137	128	0	131	164	171	185	185	4,950
INFLOW FROM FALL RIVER CANAL	13	15	18	20	23	30	36	30	23	26	28	30	31	32	28	28	27	28	28	37	35	42	42	48	45	65	41	42	41	40	40	1,012
NORTH BRANCH DIVERSION	92	98	100	104	108	102	95	96	96	96	96	96	96	96	97	99	97	99	100	97	97	97	99	105	99	0	121	154	105	100	105	3,040
MIDDLE BRANCH DIVERSION	52	58	64	70	77	97	117	116	116	115	115	114	117	120	125	120	116	84	83	91	102	99	80	80	74	0	51	52	107	125	120	2,857
BELOW FALL RIVER CANAL DIVERSIONS																										65						65
CROSS CUT AT END																																0

LOCATION	AUGUST																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
DIVERTED AT HEAD	193	189	206	215	160	144	152	170	170	168	165	160	154	149	138	140	134	142	113	88	73	92	94	84	87	87	88	87	87	70	84	4,083
INFLOW FROM FALL RIVER CANAL	30	46	35	30	44	47	46	43	40	40	38	40	40	41	42	33	41	41	42	42	42	32	33	29	25	29	27	27	27	27	26	1,123
NORTH BRANCH DIVERSION	104	104	114	120	115	104	108	108	108	108	107	106	100	104	102	103	101	103	91	89	85	85	87	85	84	84	85	84	84	70	70	3,002
MIDDLE BRANCH DIVERSION	119	131	127	125	89	87	90	105	102	100	94	94	94	86	78	70	74	80	64	41	30	39	40	28	28	32	30	30	30	27	40	2,204
BELOW FALL RIVER CANAL DIVERSIONS	0	0	19	38	8	107	113	103	98	105	150	149	158	172	182	179	132	80	119	143	87	14	15	12	10	10	10	10	10	10	0	2,316
CROSS CUT AT END	0	45	47	47	120	120	120	109	105	109	148	148	155	165	168	185	136	90	122	143	90	9	9	13	9	8	7	7	8	10	0	2,432
	SEPTEMBER																															

CROSS CUT AT END											SEPTEMBER																									
LOCATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL					
DIVERTED AT HEAD	106	86	107	103	107	96	88	98	99	111	116	121	121	115	108	106	112	98	93	89	89	88	83	80	78	77	90	75	73	72	2,885					
INFLOW FROM FALL RIVER CANAL	25	27	24	24	24	23	21	19	17	15	15	16	16	19	22	20	18	16	15	14	12	10	10	9	10	12	14	14	14	14	909					
NORTH BRANCH DIVERSION	67	70	70	68	68	68	68	67	68	69	69	69	69	72	74	74	73	72	70	69	68	68	60	55	54	54	54	54	53	52	1,964					
MIDDLE BRANCH DIVERSION	64	43	43	42	48	42	41	40	48	57	62	68	68	62	56	52	47	42	38	34	33	32	33	34	34	35	35	35	34	34	1,336					
BELOW FALL RIVER CANAL DIVERSIONS	0	0	18	17	15	9	0	10	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	15	0	0	0	94					
CROSS CUT AT END	0																													0	0					
TOTAL INFLOW INTO TETON RIVER FOR SEASON = 2,432 S.F. = 4,820 A.F.																																				

INTO TETON RIVER FOR SEASON = 2,432 S.F. = 4,820 A.F.

0	6	12	12	12	12	18	12	12	13	13	13	14	18	12	14	14	14	15	20	18	20	20	20	22
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RECORDS - 1965

24 HOUR SECOND - FEET

JULY

Snake River at Moran, Wyoming

U. S. GOVERNMENT PRINTING OFFICE 16-50560-1

Place No. 26

Year
or
Period
Mean
1.774
Acres-Foot
1,284.340

Year	Mean	Acres-Foot	Year	Mean	Acres-Foot
1921	421	25,900	1926	426	25,900
1922	428	25,480	1927	422	25,960
1923	422	43,720	1928	1,496	83,080
1924	711	107,600	1929	1,750	144,600
1925	2,430	163,500	1930	2,660	156,500
1926	2,629	185,000	1931	3,008	201,900
1927	3,284	121,100	1932	2,036	

31	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426
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THE
JOURNAL
OF
THE
ROYAL
ANTHROPOLOGICAL INSTITUTE

ALMAN

5,816

ACHES-PAIN

4,210,600

Plate No. 27

114,900	1,862	104,600	1,757	121,900	2,006	123,300	2,673	148,500	2,919	179,500	5,313	592,900	9,642	1,031,000	17,320	780,000	12,690	427,700	6,956	270,200	4,541
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31	1.860	1.870	1.880	1.890	1.900	1.910	1.920	1.930	1.940	1.950	1.960	1.970	1.980	1.990	2.000	2.010	2.020	2.030	2.040	2.050	2.060	2.070	2.080	2.090	2.100	2.110	2.120	2.130	2.140	2.150	2.160	2.170	2.180	2.190	2.200	2.210	2.220	2.230	2.240	2.250	2.260	2.270	2.280	2.290	2.300	2.310	2.320	2.330	2.340	2.350	2.360	2.370	2.380	2.390	2.400	2.410	2.420	2.430	2.440	2.450	2.460	2.470	2.480	2.490	2.500	2.510	2.520	2.530	2.540	2.550	2.560	2.570	2.580	2.590	2.600	2.610	2.620	2.630	2.640	2.650	2.660	2.670	2.680	2.690	2.700	2.710	2.720	2.730	2.740	2.750	2.760	2.770	2.780	2.790	2.800	2.810	2.820	2.830	2.840	2.850	2.860	2.870	2.880	2.890	2.900	2.910	2.920	2.930	2.940	2.950	2.960	2.970	2.980	2.990	3.000	3.010	3.020	3.030	3.040	3.050	3.060	3.070	3.080	3.090	3.100	3.110	3.120	3.130	3.140	3.150	3.160	3.170	3.180	3.190	3.200	3.210	3.220	3.230	3.240	3.250	3.260	3.270	3.280	3.290	3.300	3.310	3.320	3.330	3.340	3.350	3.360	3.370	3.380	3.390	3.400	3.410	3.420	3.430	3.440	3.450	3.460	3.470	3.480	3.490	3.500	3.510	3.520	3.530	3.540	3.550	3.560	3.570	3.580	3.590	3.600	3.610	3.620	3.630	3.640	3.650	3.660	3.670	3.680	3.690	3.700	3.710	3.720	3.730	3.740	3.750	3.760	3.770	3.780	3.790	3.800	3.810	3.820	3.830	3.840	3.850	3.860	3.870	3.880	3.890	3.900	3.910	3.920	3.930	3.940	3.950	3.960	3.970	3.980	3.990	4.000	4.010	4.020	4.030	4.040	4.050	4.060	4.070	4.080	4.090	4.100	4.110	4.120	4.130	4.140	4.150	4.160	4.170	4.180	4.190	4.200	4.210	4.220	4.230	4.240	4.250	4.260	4.270	4.280	4.290	4.300	4.310	4.320	4.330	4.340	4.350	4.360	4.370	4.380	4.390	4.400	4.410	4.420	4.430	4.440	4.450	4.460	4.470	4.480	4.490	4.500	4.510	4.520	4.530	4.540	4.550	4.560	4.570	4.580	4.590	4.600	4.610	4.620	4.630	4.640	4.650	4.660	4.670	4.680	4.690	4.700	4.710	4.720	4.730	4.740	4.750	4.760	4.770	4.780	4.790	4.800	4.810	4.820	4.830	4.840	4.850	4.860	4.870	4.880	4.890	4.900	4.910	4.920	4.930	4.940	4.950	4.960	4.970	4.980	4.990	5.000	5.010	5.020	5.030	5.040	5.050	5.060	5.070	5.080	5.090	5.100	5.110	5.120	5.130	5.140	5.150	5.160	5.170	5.180	5.190	5.200	5.210	5.220	5.230	5.240	5.250	5.260	5.270	5.280	5.290	5.300	5.310	5.320	5.330	5.340	5.350	5.360	5.370	5.380	5.390	5.400	5.410	5.420	5.430	5.440	5.450	5.460	5.470	5.480	5.490	5.500	5.510	5.520	5.530	5.540	5.550	5.560	5.570	5.580	5.590	5.600	5.610	5.620	5.630	5.640	5.650	5.660	5.670	5.680	5.690	5.700	5.710	5.720	5.730	5.740	5.750	5.760	5.770	5.780	5.790	5.800	5.810	5.820	5.830	5.840	5.850	5.860	5.870	5.880	5.890	5.900	5.910	5.920	5.930	5.940	5.950	5.960	5.970	5.980	5.990	6.000	6.010	6.020	6.030	6.040	6.050	6.060	6.070	6.080	6.090	6.100	6.110	6.120	6.130	6.140	6.150	6.160	6.170	6.180	6.190	6.200	6.210	6.220	6.230	6.240	6.250	6.260	6.270	6.280	6.290	6.300	6.310	6.320	6.330	6.340	6.350	6.360	6.370	6.380	6.390	6.400	6.410	6.420	6.430	6.440	6.450	6.460	6.470	6.480	6.490	6.500	6.510	6.520	6.530	6.540	6.550	6.560	6.570	6.580	6.590	6.600	6.610	6.620	6.630	6.640	6.650	6.660	6.670	6.680	6.690	6.700	6.710	6.720	6.730	6.740	6.750	6.760	6.770	6.780	6.790	6.800	6.810	6.820	6.830	6.840	6.850	6.860	6.870	6.880	6.890	6.900	6.910	6.920	6.930	6.940	6.950	6.960	6.970	6.980	6.990	7.000	7.010	7.020	7.030	7.040	7.050	7.060	7.070	7.080	7.090	7.100	7.110	7.120	7.130	7.140	7.150	7.160	7.170	7.180	7.190	7.200	7.210	7.220	7.230	7.240	7.250	7.260	7.270	7.280	7.290	7.300	7.310	7.320	7.330	7.340	7.350	7.360	7.370	7.380	7.390	7.400	7.410	7.420	7.430	7.440	7.450	7.460	7.470	7.480	7.490	7.500	7.510	7.520	7.530	7.540	7.550	7.560	7.570	7.580	7.590	7.600	7.610	7.620	7.630	7.640	7.650	7.660	7.670	7.680	7.690	7.700	7.710	7.720	7.730	7.740	7.750	7.760	7.770	7.780	7.790	7.800	7.810	7.820	7.830	7.840	7.850	7.860	7.870	7.880	7.890	7.900	7.910	7.920	7.930	7.940	7.950	7.960	7.970	7.980	7.990	8.000	8.010	8.020	8.030	8.040	8.050	8.060	8.070	8.080	8.090	8.100	8.110	8.120	8.130	8.140	8.150	8.160	8.170	8.180	8.190	8.200	8.210	8.220	8.230	8.240	8.250	8.260	8.270	8.280	8.290	8.300	8.310	8.320	8.330	8.340	8.350	8.360	8.370	8.380	8.390	8.400	8.410	8.420	8.430	8.440	8.450	8.460	8.470	8.480	8.490	8.500	8.510	8.520	8.530	8.540	8.550	8.560	8.570	8.580	8.590	8.600	8.610	8.620	8.630	8.640	8.650	8.660	8.670	8.680	8.690	8.700	8.710	8.720	8.730	8.740	8.750	8.760	8.770	8.780	8.790	8.800	8.810	8.820	8.830	8.840	8.850	8.860	8.870	8.880	8.890	8.900	8.910	8.920	8.930	8.940	8.950	8.960	8.970	8.980	8.990	9.000	9.010	9.020	9.030	9.040	9.050	9.060	9.070	9.080	9.090	9.100	9.110	9.120	9.130	9.140	9.150	9.160	9.170	9.180	9.190	9.200	9.210	9.220	9.230	9.240	9.250	9.260	9.270	9.280	9.290	9.300	9.310	9.320	9.330	9.340	9.350	9.360	9.370	9.380	9.390	9.400	9.410	9.420	9.430	9.440	9.450	9.460	9.470	9.480	9.490	9.500	9.510	9.520	9.530	9.540	9.550	9.560	9.570	9.580	9.590	9.600	9.610	9.620	9.630	9.640	9.650	9.660	9.670	9.680	9.690	9.700	9.710	9.720	9.730	9.740	9.750	9.760	9.770	9.780	9.790	9.800	9.810	9.820	9.830	9.840	9.850	9.860	9.870	9.880	9.890	9.900	9.910	9.920	9.930	9.940	9.950	9.960	9.970	9.980	9.990	10.000	10.010	10.020	10.030	10.040	10.050	10.060	10.070	10.080	10.090	10.100	10.110	10.120	10.130	10.140	10.150	10.160	10.170	10.180	10.190	10.200	10.210	10.220	10.230	10.240	10.250	10.260	10.270	10.280	10.290	10.300	10.310	10.320	10.330	10.340	10.350	10.360	10.370	10.380	10.390	10.400	10.410	10.420	10.430	10.440	10.450	10.460	10.470	10.480	10.490	10.500	10.510	10.520	10.530	10.540	10.550	10.560	10.570	10.580	10.590	10.600	10.610	10.620	10.630	10.640	10.650	10.660	10.670	10.680	10.690	10.700	10.710	10.720	10.730	10.740	10.750	10.760	10.770	10.780	10.790	10.800	10.810	10.820	10.830	10.840	10.850	10.860	10.870	10.880	10.890	10.900	10.910	10.920	10.930	10.940	10.950	10.960	10.970	10.980	10.990	11.000	11.010	11.020	11.030	11.040	11.050	11.060	11.070	11.080	11.090	11.100	11.110	11.120	11.130	11.140	11.150	11.160	11.170	11.180	11.190	11.200	11.210	11.220	11.230	11.240	11.250	11.260	11.270	11.280	11.290	11.300	11.310	11.320	11.330	11.340	11.350	11.360	11.370	11.380	11.390	11.400	11.410	11.420	11.430	11.440	11.450	11.460	11.470	11.480	11.490	11.500	11.510	11.520	11.530	11.540	11.550	11.560	11.570	11.580	11.590	11.600	11.610	11.620	11.630	11.640	11.650	11.660	11.670	11.680	11.690	11.700	11.710	11.720	11.730	11.740	11.750	11.760	11.770	11.780	11.790	11.800	11.810	11.820	11.830	11.840	11.850	11.860	11.870	11.880	11.890	11.900	11.910	11.920	11.930	11.940	11.950	11.960	11.970	11.980	11.990	12.000	12.010	12.020	12.030	12.040	12.050	12.060	12.070	12.080	12.090	12.100	12.110	12.120	12.130	12.140	12.150	12.160	12.170	12.180	12.190	12.200	12.210	12.220	12.230	12.240	12.250	12.260	12.270	12.280	12.290	12.300	12.310	12.320	12.330	12.340	12.350	12.360	12.370	12.380	12.390	12.400	12.410	12.420	12.430	12.440	12.450	12.460	12.470	12.480	12.490	12.500	12.510	12.520	12.530	12.540	12.550	12.560	12.570	12.580	12.590	12.600	12.610	12.620	12.630	12.640	12.650	12.660	12.670	12.680	12.690	12.700	12.710	12.720	12.730	12.740	12.750	12.760	12.770	12.780	12.790	12.800	12.810	12.820	12.830	12.840	12.850	12.860	12.870	12.880	12.890	12.900	12.910	12.920	12.930	12.940	12.950	12.960	12.970	12.980	12.990	13.000	13.010	13.020	13.030	13.040	13.050	13.060	13.070	13.080	13.090	13.100	13.110	13.120	13.130	13.140	13.150	13.160	13.170	13.180	13.190	13.200	13.210	13.220	13.230	13.240	13.250	13.260	13.270	13.280	13.290	13.300	13.310	13.320	13.330	13.340	13.350	13.360	13.370	13.380	13.390	13.400	13.410	13.420	13.430	13.440	13.450	13.460	13.470	13.480	13.490	13.500	13.510	13.520	13.530	13.540	13.550	13.560	13.570	13.580	13.590	13.600	13.610	13.620	13.630	13.640	13.650	13.660	13.670	13.680	13.690	13.700	13.710	13.720	13.730	13.740	13.750	13.760	13.770	13.780	13.790	13.800	13.810	13.820	13.830	13.840</
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GREYS RIVER ABOVE RESERVOIR near ALPINE, WYOMING

U. S. GOVERNMENT PRINTING OFFICE 16-50955-1

Year
- or
Month

Mean
Acres-Foot

831
601,360

Plate No. 28

Year	Mean	Acres-Foot	Year	Mean	Acres-Foot
17,680	288	264	17,910	291	261
15,710	264	239	13,270	232	855
14,290	232	2,021	124,300	2,890	171,900
50,890	855	1,494	91,860	652	40,080
27,430	461				

31	286	279	260	360	255	225	1,810	2,120	2,830	1,060	548	438
30	289	279	260	360	255	225	1,810	2,120	2,830	1,060	548	438
29	286	279	260	360	255	225	1,810	2,120	2,830	1,060	548	438
28	286	279	260	360	255	225	1,810	2,120	2,830	1,060	548	438
27	279	279	260	360	255	225	1,810	2,120	2,830	1,060	548	438
26	279	279	260	360	255	225	1,810	2,120	2,830	1,060	548	438
25	270	270	255	380	255	236	1,830	2,260	2,820	1,090	567	438
24	270	270	250	450	255	240	1,770	2,550	2,810	1,090	587	438
23	279	279	250	600	255	240	1,910	2,680	2,900	1,150	601	454
22	279	279	250	350	257	245	1,730	2,370	2,830	1,200	643	438
21	276	276	250	250	255	250	1,300	2,390	2,760	1,260	608	438
20	270	270	250	240	255	250	1,170	2,500	2,680	1,350	643	433
19	276	276	250	235	255	240	672	2,390	2,620	1,340	658	438
18	282	282	242	230	255	230	450	2,480	2,690	1,350	601	450
17	289	289	276	230	255	230	455	2,510	2,830	1,350	608	479
16	279	279	228	230	255	230	450	2,190	2,870	1,400	615	560
15	282	282	230	250	255	230	380	1,980	3,030	1,460	636	461
14	282	282	270	250	260	240	360	1,720	3,430	1,520	658	422
13	289	289	273	250	260	230	345	1,650	3,740	1,620	695	433
12	289	289	270	250	260	230	340	1,450	3,380	1,700	672	450
11	292	292	292	250	260	240	335	1,190	3,250	1,750	672	473
10	292	292	292	250	260	230	330	1,050	3,330	1,810	688	473
9	296	296	286	250	260	230	320	1,100	3,400	1,840	702	503
8	296	296	282	250	260	230	315	1,240	3,460	1,880	702	548
7	299	299	270	250	260	240	300	1,360	3,170	1,960	725	509
6	299	299	273	260	270	240	275	1,570	3,040	2,000	741	509
5	299	299	276	280	275	240	260	1,960	2,830	2,040	781	461
4	303	303	273	275	275	240	260	2,020	2,870	2,080	797	473
3	306	306	273	275	275	240	260	2,150	2,780	2,160	822	473
2	306	306	273	275	275	240	260	2,200	2,790	2,160	822	473
1	306	306	273	275	275	240	260	2,250	2,750	2,160	822	473

SALT RIVER ABOVE RESERVOIR NEAR ETNA, WYOMING

Year
1929
Mean
Accum-Total
672,380

Plate No. 29

Year	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	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U. S. GOVERNMENT PRINTING OFFICE: 1964 - 42-50000-1

NEW 4000 人

NY 2141

A.C.R. 100-100

79,010

601

Plate No. 30

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
31	33	30	30	30	30	29	29	30	31	31	32	32	33	33	33	33	33	33	33	33	34	34	34	34	34	35	35	35	35	35	
31	33	30	30	30	30	28	26	26	25	25	26	26	26	26	25	26	28	28	28	26	28	28	28	29	29	29	30	30	31	32	30
35	38	40	43	48	54	66	119	46	31	31	26	24	22	20	23	24	24	24	25	26	28	28	28	29	29	29	30	30	31	32	30
39	34	29	27	27	27	27	27	27	27	27	27	28	28	28	27	26	26	26	26	27	28	28	29	29	29	30	30	31	30	30	32
38	32	30	29	30	31	30	31	32	33	33	31	31	32	34	33	31	31	30	30	29	29	29	28	27	26	26	26	26	27	27	
424	400	384	374	378	359	353	344	378	365	305	244	156	118	112	102	91	91	97	91	89	93	97	97	102	99	89	77	76	76	50	
394	384	374	374	407	359	442	463	492	485	492	507	485	496	511	496	466	452	410	356	308	281	287	317	338	378	449	485	488	537	492	
178	185	214	225	228	228	198	203	208	208	208	214	222	228	242	247	253	272	305	317	317	329	335	347	353	356	365	378	381	384	387	
75	77	81	86	90	92	92	94	98	108	108	114	114	111	114	116	116	118	124	129	134	142	147	147	147	154	156	161	161	168	172	
49	50	52	54	55	56	58	60	61	63	63	63	66	61	61	63	63	65	65	66	66	66	66	68	68	68	68	70	72	72	73	
40	42	42	42	42	43	43	46	49	49	49	44	44	46	48	52	46	44	44	46	46	48	49	48	48	46	49	49	49	49	49	

MEAN

AORN-POST

Place No. 31

(Contents in thousands of acre-feet)

[illegible]

1015

MEAN

ACQUA-REST.

7,768

5,623,800

Plate No. 32

218,500	109,300	129,100	166,000	390,400	614,300	592,200	722,400	802,300	928,500	583,600	367,200
3,554	1,838	2,100	2,700	7,030	9,991	9,953	11,750	13,480	15,100	9,491	6,171

[illegible]

Snake River near HEISE, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-50000-1

Year
or
Period

Mean

Acres-Frost

6,160,400

8,510

Place No. 33

Year	Acres-Frost	Mean	Year	Acres-Frost	Mean
1900	4,225	2,332	1905	10,510	11,030
1901	2,563	3,145	1906	646,000	
1902			1907	417,900	
1903			1908	193,300	
1904			1909	157,600	
1910			1910	138,800	
1911			1911	259,800	
1912			1912	406,200	

Year	Acres-Frost	Mean	Year	Acres-Frost	Mean
1913	2,550	3,010	1913	10,600	10,600
1914	2,600	2,990	1914	10,500	10,500
1915	2,640	2,990	1915	10,500	10,500
1916	2,660	2,990	1916	10,500	10,500
1917	2,940	2,990	1917	10,500	10,500
1918	3,010	2,990	1918	10,500	10,500
1919	2,600	2,990	1919	10,500	10,500
1920	2,640	2,990	1920	10,500	10,500
1921	2,660	2,990	1921	10,500	10,500
1922	2,940	2,990	1922	10,500	10,500
1923	3,010	2,990	1923	10,500	10,500
1924	2,600	2,990	1924	10,500	10,500
1925	2,640	2,990	1925	10,500	10,500
1926	2,660	2,990	1926	10,500	10,500
1927	2,940	2,990	1927	10,500	10,500
1928	3,010	2,990	1928	10,500	10,500
1929	2,600	2,990	1929	10,500	10,500
1930	2,640	2,990	1930	10,500	10,500
1931	2,660	2,990	1931	10,500	10,500
1932	2,940	2,990	1932	10,500	10,500
1933	3,010	2,990	1933	10,500	10,500
1934	2,600	2,990	1934	10,500	10,500
1935	2,640	2,990	1935	10,500	10,500
1936	2,660	2,990	1936	10,500	10,500
1937	2,940	2,990	1937	10,500	10,500
1938	3,010	2,990	1938	10,500	10,500
1939	2,600	2,990	1939	10,500	10,500
1940	2,640	2,990	1940	10,500	10,500
1941	2,660	2,990	1941	10,500	10,500
1942	2,940	2,990	1942	10,500	10,500
1943	3,010	2,990	1943	10,500	10,500
1944	2,600	2,990	1944	10,500	10,500
1945	2,640	2,990	1945	10,500	10,500
1946	2,660	2,990	1946	10,500	10,500
1947	2,940	2,990	1947	10,500	10,500
1948	3,010	2,990	1948	10,500	10,500
1949	2,600	2,990	1949	10,500	10,500
1950	2,640	2,990	1950	10,500	10,500
1951	2,660	2,990	1951	10,500	10,500
1952	2,940	2,990	1952	10,500	10,500
1953	3,010	2,990	1953	10,500	10,500
1954	2,600	2,990	1954	10,500	10,500
1955	2,640	2,990	1955	10,500	10,500
1956	2,660	2,990	1956	10,500	10,500
1957	2,940	2,990	1957	10,500	10,500
1958	3,010	2,990	1958	10,500	10,500
1959	2,600	2,990	1959	10,500	10,500
1960	2,640	2,990	1960	10,500	10,500
1961	2,660	2,990	1961	10,500	10,500
1962	2,940	2,990	1962	10,500	10,500
1963	3,010	2,990	1963	10,500	10,500
1964	2,600	2,990	1964	10,500	10,500
1965	2,640	2,990	1965	10,500	10,500
1966	2,660	2,990	1966	10,500	10,500
1967	2,940	2,990	1967	10,500	10,500
1968	3,010	2,990	1968	10,500	10,500
1969	2,600	2,990	1969	10,500	10,500
1970	2,640	2,990	1970	10,500	10,500
1971	2,660	2,990	1971	10,500	10,500
1972	2,940	2,990	1972	10,500	10,500
1973	3,010	2,990	1973	10,500	10,500
1974	2,600	2,990	1974	10,500	10,500
1975	2,640	2,990	1975	10,500	10,500
1976	2,660	2,990	1976	10,500	10,500
1977	2,940	2,990	1977	10,500	10,500
1978	3,010	2,990	1978	10,500	10,500
1979	2,600	2,990	1979	10,500	10,500
1980	2,640	2,990	1980	10,500	10,500
1981	2,660	2,990	1981	10,500	10,500
1982	2,940	2,990	1982	10,500	10,500
1983	3,010	2,990	1983	10,500	10,500
1984	2,600	2,990	1984	10,500	10,500
1985	2,640	2,990	1985	10,500	10,500
1986	2,660	2,990	1986	10,500	10,500
1987	2,940	2,990	1987	10,500	10,500
1988	3,010	2,990	1988	10,500	10,500
1989	2,600	2,990	1989	10,500	10,500
1990	2,640	2,990	1990	10,500	10,500
1991	2,660	2,990	1991	10,500	10,500
1992	2,940	2,990	1992	10,500	10,500
1993	3,010	2,990	1993	10,500	10,500
1994	2,600	2,990	1994	10,500	10,500
1995	2,640	2,990	1995	10,500	10,500
1996	2,660	2,990	1996	10,500	10,500
1997	2,940	2,990	1997	10,500	10,500
1998	3,010	2,990	1998	10,500	10,500
1999	2,600	2,990	1999	10,500	10,500
2000	2,640	2,990	2000	10,500	10,500

MEAN

Place No. 34

[illegible]

HENRY'S FORK near LAKE, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-60095-1

Year
On
Farm

Mean

Acres-Per

49,511

68.4

Place No. 35

Year	Acres	Per	Mean	Acres-Per	Year	Acres	Per	Mean	Acres-Per
1900	46.3	1.9	1.4	2.4	1901	3.9	7.2	70.0	151
1902	2,850	115	83	145	1903	218	440	4,160	9,270
1904					1905				7,200
1906					1907				11,010
1908					1909				10,260
1910					1911				3,760
1912					1913				63.2

Year	Acres	Per	Mean	Acres-Per	Year	Acres	Per	Mean	Acres-Per
1900	46.3	1.9	1.4	2.4	1901	3.9	7.2	70.0	151
1902	2,850	115	83	145	1903	218	440	4,160	9,270
1904					1905				7,200
1906					1907				11,010
1908					1909				10,260
1910					1911				3,760
1912					1913				63.2

[illegible][illegible]

KENNY'S FORD NEAR ISLAND PARK, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-50886-1

YEAR
OR
PERIOD

MEAN

459,240

AGREEMENT

Plate No. 37

35,620	16,480	7,220	16,380	15,330	18,150	35,810	83,720	66,810	61,830	66,880	35,010
579	277	117	266	276	295	602	1,362	1,123	1,006	1,088	588

—[REDACTED]—

A-100-1

ANSWER

470⁸ I

File No. 38

Year	1937	1949	1957	1963	1970	1975	1980	1990	2000	2007
Mean	1,307	1,049	927	1,033	996	1,019	1,828	3,208	2,486	2,024
Range	80,350	62,400	57,020	63,510	55,300	62,680	108,800	197,300	147,900	124,400
Range	87,430	128,900								

[illegible]

NORTH FORK SQUIRREL CREEK near SQUIRREL, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-50006-1

YEAR
OR
PERIOD

ACRE-Feet

Mean 8.56

Place No. 40

Year	393	316	249	233	186	193	1,130	1,080	895	667	543	311
Mean	6.40	5.31	4.05	3.79	3.36	3.14	18.9	17.6	15.0	10.8	8.83	5.23

21	8.2	6.5	4.1	3.4	3.2	2.8	2.8	5.0	6.5	4.2	1.3	9.0	6.2
20	8.2	5.9	3.8	3.2	3.2	2.7	2.6	3.2	5.0	4.3	1.1	9.7	6.5
19	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
18	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
17	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
16	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
15	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
14	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
13	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
12	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
11	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
10	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
9	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
8	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
7	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
6	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
5	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
4	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
3	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
2	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5
1	5.9	5.9	3.8	3.2	3.2	2.7	2.6	3.2	3.2	4.3	1.1	10	6.5

U. S. GOVERNMENT PRINTING OFFICE: 1969-0-350-001

— 249 —

NYSERDA

WWW.A-100.COM

CT9

1981 08 01

279	421	597	508	447	429	912	2,052	2,438	726	381	565
17,180	25,080	36,700	31,220	24,820	26,390	54,290	126,200	145,100	44,660	23,430	33,600

21	360	540	580	465	519	1900	2340	195	578	533
20	325	519	600	470	434	1790	2100	199	585	548
28	249	519	620	480	410	1670	1940	206	570	562
27	257	505	700	480	430	1520	1780	301	578	540
26	257	570	820	475	420	1480	1900	395	578	540
25	253	570	1000	490	410	1440	2180	261	592	540
24	261	512	1200	495	416	1460	2500	233	615	548
23	274	505	880	500	422	1550	2600	261	647	585
22	288	491	720	500	452	1400	2340	306	615	600
21	296	480	630	500	445	1300	2300	360	540	578
20	296	470	560	500	430	900	2290	360	585	562
19	296	460	480	498	410	592	2250	365	428	578
18	296	440	440	500	400	578	2360	385	283	600
17	375	420	420	500	416	600	2420	400	283	615
16	370	400	480	500	422	570	2580	434	301	719
15	320	410	490	500	422	548	2540	470	301	548
14	315	422	490	500	410	555	2330	540	278	491
13	320	428	495	505	416	548	1990	663	288	498
12	320	416	500	505	422	519	1660	809	221	498
11	320	370	520	505	422	533	1360	905	233	505
10	270	315	520	510	428	548	1160	980	249	555
9	225	310	522	515	428	540	1140	1070	270	608
8	218	315	500	526	428	548	1320	1130	257	600
7	218	306	480	560	430	570	1480	1140	229	608
6	233	301	505	540	430	570	1730	1250	192	585
5	241	310	512	545	430	570	2130	1450	188	562
4	245	320	526	545	430	592	2210	1600	185	555
3	245	340	533	545	430	592	2210	1780	172	548
2	241	350	548	548	430	600	2580	1940	192	585
1	241	350	548	548	430	600	2580	1940	192	585

HO

THE X

NEW DAY

A C H E - D E S T

1,389,960

1,920

Plate No. 43

Year	Mean	1,920	Plate No. 43
1,154	1,335	1,346	1,540
70,960	1,419	1,336	91,640
79,460	87,230	74,200	93,740
82,750	81,880	140,800	1,525
	2,366	4,223	1,693
	223,600	104,100	
	259,600		

[illegible]

LEIGH RIVER ABOVE SOUTH LEIGH CREEK
NEAR DRIGGS, IDAHO

Year
or
Period
Mean
Acres-Feet
Place No. 44

Year	Acres-Feet	Mean	Place No. 44
18,860	307	418	29,510
17,210	289		539
17,750	289		839
15,370	250		739
10,610	191		437
11,320	184		440
26,150			437
26,840			739
43,960			839
51,620			539
33,150			29,510

31	325	285	225	250	441	500	724	418	494
30	302	285	250	230	283	440	756	424	506
29	284	275	280	210	181	429	808	429	500
28	280	275	320	178	197	440	854	440	482
27	284	275	340	198	162	464	848	446	482
26	289	270	375	190	178	494	874	458	482
25	289	270	410	185	170	536	860	482	494
24	289	268	450	236	164	578	880	500	506
23	284	272	500	276	164	506	908	524	536
22	294	272	380	268	476	494	943	530	560
21	294	272	325	264	524	488	971	542	524
20	298	272	275	265	160	458	908	548	536
19	298	284	230	265	155	435	867	494	578
18	307	285	200	265	150	435	828	476	608
17	320	290	175	260	188	429	808	482	640
16	316	294	208	255	194	418	796	500	608
15	307	316	208	250	188	413	815	476	
14	312	302	215	250	184	386	828	536	464
13	312	294	230	255	181	366	860	554	464
12	312	294	252	260	181	350	901	554	470
11	316	312	268	265	181	350	908	548	488
10	320	294	265	265	178	366	887	554	500
9	320	280	265	270	178	386	874	566	500
8	320	289	270	275	175	381	854	584	476
7	316	289	270	289	178	402	802	608	458
6	316	294	270	294	184	408	789	633	429
5	320	302	275	307	170	418	808	652	418
4	320	316	290	276	160	418	796	652	418
3	320	316	310	260	150	440	789	652	418
2	320	307	325	230	150	458	756	652	418
1	320	307	325	230	150	458	756	652	418

COLONY

AOM-B

AORN-BEST

074.740

006

Plate No. 45

Mean	525	515	623	456	423	431	884	1,374	2,300	1,472	978	806
Score	32,280	30,620	38,290	28,020	23,520	26,510	52,590	84,490	136,800	90,530	60,160	47,930

Place No. 45

900

[illegible]

班班主人

NOTES

ACQUA-FRONT.

1,696,020

2,343

Plate No. 46

Mean	Lower	Upper
1.583	1.802	97,330
1.884	1.802	107,200
1.842	1.703	113,300
1.648	1.703	94,590
2.898	4.318	101,300
4.613	4.318	172,500
2.043	4.318	265,500
1.759	2.043	274,500
2.018	1.759	125,600
	1.759	108,200
		120,100

[illegible]

U. S. GOVERNMENT PRINTING OFFICE: 1969-0-300-000-1

1999

ACCEPTED

estorice

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

Year	Mean	Place No.
1957	2,739	168,400
1958	3,281	195,200
1959	4,135	254,200
1960	4,633	284,900
1961	8,032	446,100
1962	10,820	665,100
1963	12,930	769,600
1964	13,090	805,000
1965	11,800	702,200
1966	10,010	615,500
1967	5,416	333,000
1968	4,691	279,200

31	2.780	3.910	4.290	4.790	11.100	14.500	12.500	18.500	5.560	5.580	4.450
30	2.580	3.940	4.550	3.940	10.900	14.500	12.600	18.500	5.800	6.100	4.220
29	2.420	3.990	4.630	4.080	10.800	14.400	13.000	19.100	6.130	6.390	3.960
28	2.350	4.010	5.120	3.960	10.700	14.300	13.700	18.200	6.670	6.450	3.930
27	2.290	3.910	5.790	3.820	10.800	14.200	14.400	16.200	7.190	6.620	4.080
26	2.290	3.910	6.270	3.840	10.700	14.200	15.000	13.700	7.620	6.730	4.080
25	2.510	3.790	6.180	4.700	10.700	14.400	15.000	11.400	7.860	6.650	4.240
24	2.780	3.680	5.830	4.850	10.800	14.300	14.400	10.600	8.580	6.760	4.330
23	2.930	3.560	5.060	4.740	11.000	14.200	13.100	11.200	9.110	6.920	4.490
22	2.610	3.540	4.820	4.790	11.100	13.700	10.900	12.300	8.980	6.410	5.140
21	2.610	3.560	4.140	4.710	11.000	12.700	9.510	13.300	8.880	5.530	5.580
20	2.650	3.410	3.100	4.710	10.500	12.100	9.820	13.600	8.750	4.830	6.110
19	2.680	3.450	2.500	4.760	10.600	11.900	10.900	12.700	9.410	4.730	6.260
18	2.590	3.340	3.000	4.760	10.700	11.900	11.800	11.400	9.310	4.690	5.700
17	2.460	3.130	3.200	4.900	10.800	11.900	12.100	10.200	9.370	4.740	5.300
16	2.350	3.130	3.300	5.000	11.000	11.900	11.900	9.850	9.080	4.990	4.250
15	2.460	3.170	3.300	5.020	10.800	12.100	11.800	10.100	9.410	4.710	3.910
14	2.650	3.130	3.100	5.000	10.800	12.100	11.600	10.200	11.300	4.190	4.010
13	2.720	3.050	2.900	5.000	10.800	12.100	11.600	9.240	12.900	4.040	4.340
12	2.830	2.890	3.900	4.850	10.700	12.300	12.000	8.040	13.100	3.700	4.480
11	2.800	2.780	3.910	4.740	10.800	12.500	12.400	8.550	12.900	3.770	4.480
10	2.890	2.720	3.820	4.850	10.800	12.600	12.300	8.580	12.300	4.810	4.350
9	2.910	2.820	3.590	4.940	10.800	12.700	12.700	8.970	12.100	5.230	4.400
8	2.890	2.780	3.540	5.100	10.800	12.700	13.500	9.390	11.800	5.090	4.580
7	2.850	2.890	3.750	5.280	10.800	12.700	14.700	9.910	10.500	5.010	4.820
6	2.870	2.930	3.990	5.190	11.000	12.500	15.100	9.720	11.500	5.000	4.960
5	2.850	2.970	4.060	4.910	10.800	12.800	15.700	9.770	12.600	5.130	4.810
4	3.030	3.070	4.180	4.110	10.900	13.500	16.100	11.100	12.100	5.510	4.690
3	3.390	2.930	4.210	4.160	10.600	13.600	15.800	12.900	11.500	5.610	4.730
2	3.500	2.970	4.160	4.060	10.900	13.500	15.200	12.800	12.600	5.050	4.830
1	3.390	3.990	4.060	4.060	11.000	13.700	14.700	12.500	12.400	5.250	4.910

BLACKFOOT RIVER NEAR BLACKFOOT, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-50005-1

Year
- ON
- FORTY

Mean
- ON
- FORTY

157,660

Plate No. 48

Year	190	204	128	123	11,690	19,660	19,310	21,960	12,060	9,100	11,960	12,730
Mean	214	195	148	203	357	324	324	357	203	148	195	214

31	251	237	140	167	228	328	477	168	40	201	319
30	237	238	194	154	223	326	477	172	16	212	294
29	238	228	202	184	137	328	495	212	14	235	244
28	228	238	164	191	96	324	474	242	35	266	237
27	245	237	209	225	82	328	426	264	109	292	266
26	254	271	202	268	78	323	446	232	142	311	285
25	290	296	199	253	77	324	468	217	152	330	302
24	271	290	190	185	77	328	472	217	152	350	311
23	286	296	174	145	80	326	411	205	172	344	321
22	286	296	193	90	90	324	352	217	164	332	324
21	210	218	218	82	95	323	296	210	161	286	338
20	185	215	215	70	100	322	256	262	156	269	382
19	167	204	204	55	104	318	249	302	149	253	374
18	178	209	209	44	104	323	242	334	96	247	321
17	173	199	199	60	110	326	242	370	88	247	149
16	170	202	202	96	103	324	238	364	88	205	114
15	172	212	212	95	100	326	253	364	92	205	117
14	160	217	217	90	105	330	264	452	109	154	121
13	166	213	213	85	110	334	279	502	134	88	131
12	170	205	205	104	115	338	275	534	150	109	116
11	166	201	201	99	121	340	271	538	113	104	74
10	144	197	197	78	146	336	271	511	137	107	85
9	127	197	197	77	161	338	260	497	156	107	82
8	110	202	202	76	170	342	230	497	188	95	136
7	114	209	209	93	155	317	209	466	225	37	168
6	128	223	223	121	136	286	213	486	251	38	156
5	132	212	212	132	167	265	249	499	271	64	148
4	136	232	232	138	155	270	264	495	283	118	151
3	138	242	242	153	155	280	324	490	288	131	168
2	138	242	242	153	155	280	324	490	288	131	168
1	138	242	242	153	155	280	324	490	288	131	168

BLACKFOOT RIVER RYPASS near BLACKFOOT, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-50005-1

YEAR
-OR-
PERIOD

AGREEMENT

97.534

Plate No. 49

MEAN	AGREEMENT	YEAR	PERIOD	AGREEMENT	MEAN
75.9	42.4	15.1	4.01	76.4	295
4,670	2,520	927	247	4,240	18,140
					18,620
					25,520
					6,600
					3,290
					5,720
					7,040
118	93.0	53.4	111	415	313
					135

31	182	143	141	136	152	165	205	246	295	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
30	143	141	136	152	165	205	246	295	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
29	141	136	152	165	205	246	295	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
28	136	152	165	205	246	295	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1			
27	152	165	205	246	295	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1				
26	165	205	246	295	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1					
25	205	246	295	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1						
24	246	295	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1							
23	295	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1								
22	314	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1									
21	276	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1										
20	72	20	18	22	32	8.6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	20	18	22	32	8.6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	3.2	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Snake River near Blackfoot, Idaho

U. S. GOVERNMENT PRINTING OFFICE 16-50065-1

Year	Mean	Acres-Foot	Year
1928	3,278	3,194	1928
1929	3,530	5,590	1929
1930	3,660	4,360	1930
1931	4,060	3,890	1931
1932	4,260	5,800	1932
1933	4,960	5,020	1933
1934	5,260	3,890	1934
1935	5,720	3,180	1935
1936	5,820	3,000	1936
1937	5,190	2,770	1937
1938	3,590	2,900	1938
1939	1,900	3,000	1939
1940	1,730	2,360	1940
1941	1,940	1,730	1941
1942	2,250	1,220	1942
1943	2,290	930	1943
1944	2,210	1,580	1944
1945	2,150	2,000	1945
1946	2,260	2,150	1946
1947	2,490	1,940	1947
1948	2,730	1,790	1948
1949	2,670	1,630	1949
1950	2,500	1,910	1950
1951	2,430	1,580	1951
1952	2,500	2,500	1952
1953	2,550	1,980	1953
1954	2,500	1,910	1954
1955	2,500	1,910	1955
1956	2,500	1,910	1956
1957	2,500	1,910	1957
1958	2,500	1,910	1958
1959	2,500	1,910	1959
1960	2,500	1,910	1960
1961	2,500	1,910	1961
1962	2,500	1,910	1962
1963	2,500	1,910	1963
1964	2,500	1,910	1964
1965	2,500	1,910	1965
1966	2,500	1,910	1966
1967	2,500	1,910	1967
1968	2,500	1,910	1968
1969	2,500	1,910	1969
1970	2,500	1,910	1970
1971	2,500	1,910	1971
1972	2,500	1,910	1972
1973	2,500	1,910	1973
1974	2,500	1,910	1974
1975	2,500	1,910	1975
1976	2,500	1,910	1976
1977	2,500	1,910	1977
1978	2,500	1,910	1978
1979	2,500	1,910	1979
1980	2,500	1,910	1980
1981	2,500	1,910	1981
1982	2,500	1,910	1982
1983	2,500	1,910	1983
1984	2,500	1,910	1984
1985	2,500	1,910	1985
1986	2,500	1,910	1986
1987	2,500	1,910	1987
1988	2,500	1,910	1988
1989	2,500	1,910	1989
1990	2,500	1,910	1990
1991	2,500	1,910	1991
1992	2,500	1,910	1992
1993	2,500	1,910	1993
1994	2,500	1,910	1994
1995	2,500	1,910	1995
1996	2,500	1,910	1996
1997	2,500	1,910	1997
1998	2,500	1,910	1998
1999	2,500	1,910	1999
2000	2,500	1,910	2000
2001	2,500	1,910	2001
2002	2,500	1,910	2002
2003	2,500	1,910	2003
2004	2,500	1,910	2004
2005	2,500	1,910	2005
2006	2,500	1,910	2006
2007	2,500	1,910	2007
2008	2,500	1,910	2008
2009	2,500	1,910	2009
2010	2,500	1,910	2010
2011	2,500	1,910	2011
2012	2,500	1,910	2012
2013	2,500	1,910	2013
2014	2,500	1,910	2014
2015	2,500	1,910	2015
2016	2,500	1,910	2016
2017	2,500	1,910	2017
2018	2,500	1,910	2018
2019	2,500	1,910	2019
2020	2,500	1,910	2020
2021	2,500	1,910	2021
2022	2,500	1,910	2022
2023	2,500	1,910	2023
2024	2,500	1,910	2024
2025	2,500	1,910	2025
2026	2,500	1,910	2026
2027	2,500	1,910	2027
2028	2,500	1,910	2028
2029	2,500	1,910	2029
2030	2,500	1,910	2030
2031	2,500	1,910	2031
2032	2,500	1,910	2032
2033	2,500	1,910	2033
2034	2,500	1,910	2034
2035	2,500	1,910	2035
2036	2,500	1,910	2036
2037	2,500	1,910	2037
2038	2,500	1,910	2038
2039	2,500	1,910	2039
2040	2,500	1,910	2040
2041	2,500	1,910	2041
2042	2,500	1,910	2042
2043	2,500	1,910	2043
2044	2,500	1,910	2044
2045	2,500	1,910	2045
2046	2,500	1,910	2046
2047	2,500	1,910	2047
2048	2,500	1,910	2048
2049	2,500	1,910	2049
2050	2,500	1,910	2050

Place No. 50

6,756

Mean

Acres-Foot

Year

or

Period

4,891,400

APPENDIX

NEW DAT

WOMEN-1001

225,010

338

Plate No. 51

Mean	110	243	442	382	465	373	613	709	259	162	125	190
Acid-Base	6,740	14,480	27,160	23,510	25,810	22,930	36,460	43,570	15,410	9,970	7,680	11,290

[illegible]

U. S. GOVERNMENT PRINTING OFFICE: 1969-000-1

1960

APPENDIX

70, 02

28.1

Place over 28

Year	Mean	Acres	Yield	Mean	Acres	Yield
1980	29.3	0	0	28.1	0	0
1979	29.3	0	0	28.1	0	0
1978	29.3	0	0	28.1	0	0
1977	29.3	0	0	28.1	0	0
1976	29.3	0	0	28.1	0	0
1975	29.3	0	0	28.1	0	0
1974	29.3	0	0	28.1	0	0
1973	29.3	0	0	28.1	0	0
1972	29.3	0	0	28.1	0	0
1971	29.3	0	0	28.1	0	0
1970	29.3	0	0	28.1	0	0
1969	29.3	0	0	28.1	0	0
1968	29.3	0	0	28.1	0	0
1967	29.3	0	0	28.1	0	0
1966	29.3	0	0	28.1	0	0
1965	29.3	0	0	28.1	0	0
1964	29.3	0	0	28.1	0	0
1963	29.3	0	0	28.1	0	0
1962	29.3	0	0	28.1	0	0
1961	29.3	0	0	28.1	0	0
1960	29.3	0	0	28.1	0	0
1959	29.3	0	0	28.1	0	0
1958	29.3	0	0	28.1	0	0
1957	29.3	0	0	28.1	0	0
1956	29.3	0	0	28.1	0	0
1955	29.3	0	0	28.1	0	0
1954	29.3	0	0	28.1	0	0
1953	29.3	0	0	28.1	0	0
1952	29.3	0	0	28.1	0	0
1951	29.3	0	0	28.1	0	0
1950	29.3	0	0	28.1	0	0
1949	29.3	0	0	28.1	0	0
1948	29.3	0	0	28.1	0	0
1947	29.3	0	0	28.1	0	0
1946	29.3	0	0	28.1	0	0
1945	29.3	0	0	28.1	0	0
1944	29.3	0	0	28.1	0	0
1943	29.3	0	0	28.1	0	0
1942	29.3	0	0	28.1	0	0
1941	29.3	0	0	28.1	0	0
1940	29.3	0	0	28.1	0	0
1939	29.3	0	0	28.1	0	0
1938	29.3	0	0	28.1	0	0
1937	29.3	0	0	28.1	0	0
1936	29.3	0	0	28.1	0	0
1935	29.3	0	0	28.1	0	0
1934	29.3	0	0	28.1	0	0
1933	29.3	0	0	28.1	0	0
1932	29.3	0	0	28.1	0	0
1931	29.3	0	0	28.1	0	0
1930	29.3	0	0	28.1	0	0
1929	29.3	0	0	28.1	0	0
1928	29.3	0	0	28.1	0	0
1927	29.3	0	0	28.1	0	0
1926	29.3	0	0	28.1	0	0
1925	29.3	0	0	28.1	0	0
1924	29.3	0	0	28.1	0	0
1923	29.3	0	0	28.1	0	0
1922	29.3	0	0	28.1	0	0
1921	29.3	0	0	28.1	0	0
1920	29.3	0	0	28.1	0	0
1919	29.3	0	0	28.1	0	0
1918	29.3	0	0	28.1	0	0
1917	29.3	0	0	28.1	0	0
1916	29.3	0	0	28.1	0	0
1915	29.3	0	0	28.1	0	0
1914	29.3	0	0	28.1	0	0
1913	29.3	0	0	28.1	0	0
1912	29.3	0	0	28.1	0	0
1911	29.3	0	0	28.1	0	0
1910	29.3	0	0	28.1	0	0
1909	29.3	0	0	28.1	0	0
1908	29.3	0	0	28.1	0	0
1907	29.3	0	0	28.1	0	0
1906	29.3	0	0	28.1	0	0
1905	29.3	0	0	28.1	0	0
1904	29.3	0	0	28.1	0	0
1903	29.3	0	0	28.1	0	0
1902	29.3	0	0	28.1	0	0
1901	29.3	0	0	28.1	0	0
1900	29.3	0	0	28.1	0	0
1899	29.3	0	0	28.1	0	0
1898	29.3	0	0	28.1	0	0
1897	29.3	0	0	28.1	0	0
1896	29.3	0	0	28.1	0	0
1895	29.3	0	0	28.1	0	0
1894	29.3	0	0	28.1	0	0
1893	29.3	0	0	28.1	0	0
1892	29.3	0	0	28.1	0	0
1891	29.3	0	0	28.1	0	0
1890	29.3	0	0	28.1	0	0
1889	29.3	0	0	28.1	0	0
1888	29.3	0	0	28.1	0	0
1887	29.3	0	0	28.1	0	0
1886	29.3	0	0	28.1	0	0
1885	29.3	0	0	28.1	0	0
1884	29.3	0	0	28.1	0	0
1883	29.3	0	0	28.1	0	0
1882	29.3	0	0	28.1	0	0
1881	29.3	0	0	28.1	0	0
1880	29.3	0	0	28.1	0	0
1879	29.3	0	0	28.1	0	0
1878	29.3	0	0	28.1	0	0
1877	29.3	0	0	28.1	0	0
1876	29.3	0	0	28.1	0	0
1875	29.3	0	0	28.1	0	0
1874	29.3	0	0	28.1	0	0
1873	29.3	0	0	28.1	0	0
1872	29.3	0	0	28.1	0	0
1871	29.3	0	0	28.1	0	0
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1793	29.3	0	0	28.1	0	0
1792	29.3	0	0	28.1	0	0
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1780	29.3	0	0	28.1	0	0
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1768	29.3	0	0	28.1	0	0
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1762	29.3	0	0	28.1	0	0
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1760	29.3	0	0	28.1	0	0
1759	29.3	0	0	28.1	0	0
1758	29.3	0	0	28.1	0	0
1757	29.3	0	0	28.1	0	0
1756						

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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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1992-1993

PLATE 10

4. *Journal of Management Studies*, 1990, 27, 1, 1-14.

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Plate No. 55

[illegible]

LARE WALCOTT DEER MINIDOKA, IDAHO

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

Year
on
Range

Mean
Acres-Feet

Plate No. 56

Year	Mean	Acres-Feet	Year	Mean	Acres-Feet	Year	Mean	Acres-Feet	Year	Mean	Acres-Feet

21	86.330	86.800	86.100	86.800	87.030	52.680	44.190	43.020	47.460	47.140	58.270	78.580	95.910	99.760	91.570	94.840	98.800	98.440	88.660
20	86.800	86.100	86.800	87.030	52.680	44.190	43.020	47.460	47.140	58.270	78.580	95.910	99.760	91.570	94.840	98.800	98.440	88.660	87.270
19	87.270	88.660	89.360	90.060	70.950	38.750	41.650	46.090	46.300	57.410	78.130	93.550	97.590	92.160	96.630	98.560	99.280	94.950	85.980
18	87.500	87.620	87.960	88.430	74.070	35.810	38.300	46.090	46.300	57.410	78.130	93.550	97.590	92.160	96.630	98.560	99.280	94.950	84.010
17	89.360	82.190	37.890	43.550	52.570	55.260	93.670	94.020	93.670	93.670	93.670	93.670	93.670	93.670	93.670	93.670	93.670	93.670	84.010
16	89.600	82.190	37.890	43.550	52.570	55.260	93.670	94.020	93.670	93.670	93.670	93.670	93.670	93.670	93.670	93.670	93.670	93.670	84.010
15	90.990	82.190	36.430	43.130	52.030	59.130	94.020	93.790	96.390	94.250	97.840	93.320	94.020	93.790	96.390	94.250	97.840	93.320	88.660
14	91.460	81.740	35.600	42.500	52.030	59.020	94.020	91.570	96.270	95.670	97.350	94.020	91.570	96.270	95.670	97.350	94.020	91.570	88.660
13	91.920	82.410	39.960	41.860	52.250	58.480	94.250	92.860	93.320	97.110	96.510	93.320	92.860	93.320	97.110	96.510	93.320	92.860	88.660
12	91.920	82.190	39.340	41.860	52.250	58.910	95.180	93.900	93.320	95.180	96.750	93.320	93.900	93.320	95.180	96.750	93.320	93.900	88.660
11	91.920	81.400	37.470	41.120	52.460	57.410	95.670	93.900	94.020	92.620	96.030	93.320	92.620	94.020	92.620	96.030	93.320	92.620	88.660
10	91.460	82.860	38.090	41.330	52.680	57.410	96.390	93.440	93.320	91.810	95.550	93.320	93.440	93.320	91.810	95.550	93.320	93.440	88.660
9	90.990	83.090	36.430	42.280	52.460	57.620	95.430	92.860	93.440	93.440	95.180	93.440	92.860	93.440	93.440	95.180	93.440	92.860	88.660
8	91.230	83.310	36.430	41.970	52.570	57.520	95.180	93.790	94.020	96.630	95.310	93.790	94.020	96.630	95.310	93.790	94.020	96.630	88.660
7	91.460	83.890	36.020	40.700	52.570	57.190	94.250	93.320	92.620	98.440	95.910	93.320	92.620	98.440	95.910	93.320	92.620	98.440	88.660
6	91.460	84.010	40.070	41.650	51.170	57.620	94.020	92.390	94.020	99.640	96.390	92.390	94.020	99.640	96.390	92.390	94.020	99.640	88.660
5	91.690	84.240	40.490	41.860	50.960	57.950	95.180	92.040	95.180	99.760	94.020	92.040	95.180	99.760	94.020	92.040	95.180	99.760	88.660
4	91.230	84.700	39.550	41.440	50.520	58.160	95.670	93.200	92.160	99.160	95.030	92.160	93.200	92.160	95.030	92.160	93.200	92.160	88.660
3	90.840	84.590	39.400	41.230	48.620	58.270	94.600	93.790	92.160	98.250	95.210	92.160	93.790	92.160	95.210	92.160	93.790	92.160	88.660
2	86.800	86.100	86.800	87.030	52.680	44.190	43.020	47.460	47.140	58.270	78.580	95.910	99.760	91.570	94.840	98.800	98.440	88.660	88.660
1	86.330	86.800	86.100	86.800	87.030	52.680	44.190	43.020	47.460	47.140	58.270	78.580	95.910	99.760	91.570	94.840	98.800	98.440	88.660

NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

Year	Period	Mean	Acres-Feet	Acres-Feet
1923	0	405	1,248	1,412
1924	0	405	1,248	1,412
1925	0	405	1,248	1,412
1926	0	405	1,248	1,412
1927	0	405	1,248	1,412
1928	0	405	1,248	1,412
1929	0	405	1,248	1,412
1930	0	405	1,248	1,412
1931	0	405	1,248	1,412
1932	0	405	1,248	1,412
1933	0	405	1,248	1,412
1934	0	405	1,248	1,412
1935	0	405	1,248	1,412
1936	0	405	1,248	1,412
1937	0	405	1,248	1,412
1938	0	405	1,248	1,412
1939	0	405	1,248	1,412
1940	0	405	1,248	1,412
1941	0	405	1,248	1,412
1942	0	405	1,248	1,412
1943	0	405	1,248	1,412
1944	0	405	1,248	1,412
1945	0	405	1,248	1,412
1946	0	405	1,248	1,412
1947	0	405	1,248	1,412
1948	0	405	1,248	1,412
1949	0	405	1,248	1,412
1950	0	405	1,248	1,412
1951	0	405	1,248	1,412
1952	0	405	1,248	1,412
1953	0	405	1,248	1,412
1954	0	405	1,248	1,412
1955	0	405	1,248	1,412
1956	0	405	1,248	1,412
1957	0	405	1,248	1,412
1958	0	405	1,248	1,412
1959	0	405	1,248	1,412
1960	0	405	1,248	1,412
1961	0	405	1,248	1,412
1962	0	405	1,248	1,412
1963	0	405	1,248	1,412
1964	0	405	1,248	1,412
1965	0	405	1,248	1,412
1966	0	405	1,248	1,412
1967	0	405	1,248	1,412
1968	0	405	1,248	1,412
1969	0	405	1,248	1,412
1970	0	405	1,248	1,412
1971	0	405	1,248	1,412
1972	0	405	1,248	1,412
1973	0	405	1,248	1,412
1974	0	405	1,248	1,412
1975	0	405	1,248	1,412
1976	0	405	1,248	1,412
1977	0	405	1,248	1,412
1978	0	405	1,248	1,412
1979	0	405	1,248	1,412
1980	0	405	1,248	1,412
1981	0	405	1,248	1,412
1982	0	405	1,248	1,412
1983	0	405	1,248	1,412
1984	0	405	1,248	1,412
1985	0	405	1,248	1,412
1986	0	405	1,248	1,412
1987	0	405	1,248	1,412
1988	0	405	1,248	1,412
1989	0	405	1,248	1,412
1990	0	405	1,248	1,412
1991	0	405	1,248	1,412
1992	0	405	1,248	1,412
1993	0	405	1,248	1,412
1994	0	405	1,248	1,412
1995	0	405	1,248	1,412
1996	0	405	1,248	1,412
1997	0	405	1,248	1,412
1998	0	405	1,248	1,412
1999	0	405	1,248	1,412
2000	0	405	1,248	1,412
2001	0	405	1,248	1,412
2002	0	405	1,248	1,412
2003	0	405	1,248	1,412
2004	0	405	1,248	1,412
2005	0	405	1,248	1,412
2006	0	405	1,248	1,412
2007	0	405	1,248	1,412
2008	0	405	1,248	1,412
2009	0	405	1,248	1,412
2010	0	405	1,248	1,412
2011	0	405	1,248	1,412
2012	0	405	1,248	1,412
2013	0	405	1,248	1,412
2014	0	405	1,248	1,412
2015	0	405	1,248	1,412
2016	0	405	1,248	1,412
2017	0	405	1,248	1,412
2018	0	405	1,248	1,412
2019	0	405	1,248	1,412
2020	0	405	1,248	1,412
2021	0	405	1,248	1,412
2022	0	405	1,248	1,412
2023	0	405	1,248	1,412
2024	0	405	1,248	1,412
2025	0	405	1,248	1,412
2026	0	405	1,248	1,412
2027	0	405	1,248	1,412
2028	0	405	1,248	1,412
2029	0	405	1,248	1,412
2030	0	405	1,248	1,412
2031	0	405	1,248	1,412

Place No. 57

1-200070-3) 12/14/04 12:14:04 PM 12/14/04 12:14:04 PM

PRINTED
FOR
J. GALT

NEW

366,950

Place No. 38

[illegible][illegible]

CERTIFICADO

[illegible]

4-000000-001

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1992

THE

... ..

1997

REVIEWS

53,100

73.8

1111

Year	Mean	53,160	Plate No. 60
1950	126	152	7,500
1951	188	229	9,370
1952	120	11,210	14,050
1953	18.9	7,400	11,210
1954	0	1,120	0
1955	0	0	0
1956	0	0	0
1957	0	0	0
1958	0	0	0
1959	0	0	0
1960	0	0	0
1961	0	0	0
1962	0	0	0
1963	0	0	0
1964	0	0	0
1965	0	0	0
1966	0	0	0
1967	0	0	0
1968	0	0	0
1969	0	0	0
1970	0	0	0
1971	0	0	0
1972	0	0	0
1973	0	0	0
1974	0	0	0
1975	0	0	0
1976	0	0	0
1977	0	0	0
1978	0	0	0
1979	0	0	0
1980	0	0	0
1981	0	0	0
1982	0	0	0
1983	0	0	0
1984	0	0	0
1985	0	0	0
1986	0	0	0
1987	0	0	0
1988	0	0	0
1989	0	0	0
1990	0	0	0
1991	0	0	0
1992	0	0	0
1993	0	0	0
1994	0	0	0
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028	0	0	0
2029	0	0	0
2030	0	0	0
2031	0	0	0
2032	0	0	0
2033	0	0	0
2034	0	0	0
2035	0	0	0
2036	0	0	0
2037	0	0	0
2038	0	0	0
2039	0	0	0
2040	0	0	0
2041	0	0	0
2042	0	0	0
2043	0	0	0
2044	0	0	0
2045	0	0	0
2046	0	0	0
2047	0	0	0
2048	0	0	0
2049	0	0	0
2050	0	0	0
2051	0	0	0
2052	0	0	0
2053	0	0	0
2054	0	0	0

[illegible]

Abstract

Place No. 61

[illegible][illegible]

1-54860-95 201205 00104190 0000000000 0 0

REVISED
BY
NVA

MAY

17,969

Plate No. 62

Year	Mean	24.8	17.069	Plate No. 62
1954	0	0	0	50.5
1955	0	0	0	57.5
1956	0	0	0	72.7
1957	0	0	0	51.2
1958	0	0	0	62.6
1959	0	0	0	72.7
1960	0	0	0	57.5
1961	0	0	0	3.010
1962	0	0	0	3.530
1963	0	0	0	4.470
1964	0	0	0	3.730
1965	0	0	0	3.150
1966	0	0	0	79
1967	0	0	0	3.150
1968	0	0	0	3.730
1969	0	0	0	4.470
1970	0	0	0	3.530
1971	0	0	0	3.010

[illegible]

0013

1999-2000

FILE NO.

Year	Mean	85.6	Place No. 63
2,550	0	0	145
41.4	0	0	161
0	0	0	254
0	0	0	9,930
0	0	0	8,560
0	0	0	19.0
0	0	0	204
0	0	0	196
0	0	0	11,660
0	0	0	15,600
0	0	0	9,930
0	0	0	8,560

31	20	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	70	72	75	82	95	95	95	95	95	95	95	95	95	95
112	104	89	62	34	30	22	18	29	29	20	20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196	182	181	197	206	210	221	248	254	254	257	264	263	244	238	238	238	229	206	180	156	157	169	175	179	179	161	134	124	124
196	179	182	185	199	210	196	165	161	152	133	135	139	172	191	203	223	230	230	235	242	237	237	224	221	215	207	198	198	198
262	263	263	259	204	265	264	263	263	275	287	288	289	290	290	288	274	272	272	275	275	258	237	221	210	198	185	185	185	185
131	108	105	105	102	87	84	62	82	112	140	149	170	173	166	166	172	199	224	227	217	203	184	184	190	206	222	222	222	222
117	120	120	120	120	120	120	115	111	111	120	123	138	146	151	151	157	166	175	173	170	167	167	167	167	171	171	171	171	171

GOODING CANAL BELOW NORTH SIDE DIVERSION

DOODING CANAL BELTON N

УВАЖ

105

MEAN

926

Year	Area	Rate
499	30,660	5,960
100		
		260
		1,194
		1,353
		1,525
		1,365
		1,172

[illegible]

YEAR
OR
PERIOD

MEAN
ACRE-FOOT

1,187
859,490

Year	354	0	0	0	0	0	9,890	161	1,266	2,290	2,579	2,901	2,720	1,890
Acres	21,780	0	0	0	0	0	0	0	0	0	0	0	0	0

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.310	1.230	1.170	1.170	1.170	0	1.050	1.790	2.540	2.630	3.040	2.390
2	1.310	1.230	1.170	1.170	1.170	0	940	1.960	2.570	2.640	3.060	2.420
3	1.310	1.230	1.170	1.170	1.170	0	920	2.050	2.570	2.640	3.020	2.420
4	1.170	1.170	1.170	1.170	1.170	0	912	2.070	2.570	2.640	2.920	2.450
5	1.130	1.130	1.130	1.130	1.130	0	908	2.080	2.570	2.640	2.880	2.440
6	1.120	1.120	1.120	1.120	1.120	0	904	2.110	2.570	2.640	2.880	2.440
7	1.100	1.100	1.100	1.100	1.100	0	848	1.970	2.560	2.760	2.960	2.420
8	1.080	1.080	1.080	1.080	1.080	0	736	2.020	2.590	2.830	2.960	2.400
9	360	1.080	1.080	1.080	1.080	0	705	2.100	2.640	2.840	2.880	2.300
10	0	0	0	0	0	0	740	2.100	2.650	2.900	2.900	2.300
11	0	0	0	0	0	0	747	2.240	2.630	2.920	2.920	2.250
12	0	0	0	0	0	0	834	2.330	2.630	2.920	2.920	2.230
13	0	0	0	0	0	0	1.000	2.480	2.640	2.920	2.900	2.230
14	0	0	0	0	0	0	1.070	2.560	2.620	2.930	2.820	2.230
15	0	0	0	0	0	0	1.240	2.510	2.500	2.960	2.740	2.190
16	0	0	0	0	0	0	1.300	2.460	2.430	2.970	2.720	2.100
17	0	0	0	0	0	0	1.340	2.470	2.440	2.990	2.720	1.870
18	0	0	0	0	0	0	1.470	2.500	2.370	3.000	2.700	660
19	0	0	0	0	0	0	1.540	2.490	2.330	3.020	2.680	1.520
20	0	0	0	0	0	0	1.640	2.480	2.400	3.020	2.650	1.400
21	0	0	0	0	0	0	1.980	2.490	2.500	3.010	2.620	1.350
22	0	0	0	0	0	0	1.900	2.490	2.610	3.010	2.570	1.350
23	0	0	0	0	0	0	1.730	2.310	2.730	3.020	2.550	1.320
24	0	0	0	0	0	0	1.640	2.280	2.760	2.990	2.440	1.300
25	0	0	0	0	0	0	1.530	2.320	2.710	2.980	2.440	1.310
26	0	0	0	0	0	0	1.540	2.340	2.640	3.020	2.410	1.340
27	0	0	0	0	0	0	1.550	2.390	2.630	3.000	2.410	1.310
28	0	0	0	0	0	0	1.690	2.370	2.680	2.980	2.420	1.300
29	0	0	0	0	0	0	1.780	2.380	2.650	3.040	2.420	1.320
30	0	0	0	0	0	0	1.790	2.410	2.640	3.030	2.410	1.280
31	0	0	0	0	0	0	1.050	2.450	3.040	2.390	2.390	1.280

SOUTH SIDE TWIN FALLS CANAL AT MILLER, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-50000-1

YEAR
OR
PERIOD

MEAN
ACRE-FOOT

1,749
1,266,063

Plate No. 68

MEAN ACRE-FOOT	1,521	489	170	1.2	.8	205	1,646	3,403	3,410	3,776	3,560	2,674
PERIOD	93,540	29,070	10,460	71	42	12,620	97,960	209,200	202,900	232,200	218,900	159,100

Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2,250	778	275	2	1	978	3,120	3,390	3,500	3,790	3,280
2	2,210	727	275	2	1	1,080	3,140	3,340	3,510	3,770	3,260
3	2,090	676	284	0	1	1,060	3,180	3,390	3,530	3,750	3,270
4	2,050	673	272	0	1	1,010	3,240	3,440	3,570	3,720	3,280
5	1,960	649	275	0	1	1,110	3,340	3,490	3,620	3,650	3,280
6	1,880	685	279	0	1	1,130	3,470	3,520	3,670	3,640	3,270
7	1,840	697	305	0	1	1,120	3,240	3,530	3,710	3,650	3,250
8	1,840	694	328	1	1	1,140	3,160	3,550	3,740	3,690	3,200
9	1,820	694	332	1	1	1,150	3,160	3,560	3,800	3,690	3,180
10	1,780	673	362	1	1	1,150	3,200	3,520	3,810	3,730	3,120
11	1,780	625	385	1	1	1,150	3,360	3,490	3,750	3,770	3,060
12	1,670	604	370	1	1	1,140	3,430	3,490	3,860	3,750	3,040
13	1,580	592	358	1	1	1,200	3,460	3,510	3,880	3,680	3,030
14	1,580	583	405	1	1	1,230	3,530	3,490	3,870	3,640	2,950
15	1,540	571	430	1	1	1,330	3,570	3,410	3,860	3,630	2,880
16	1,520	532	278	1	1	1,500	3,530	3,210	3,880	3,640	2,730
17	1,480	514	33	1	1	1,620	3,620	3,080	3,860	3,620	2,390
18	1,440	499	2	1	1	1,670	3,650	3,100	3,830	3,600	2,270
19	1,350	484	2	1	1	1,670	3,630	3,120	3,840	3,550	2,270
20	1,280	490	2	1	1	1,730	3,600	3,120	3,780	3,520	2,280
21	1,290	198	2	1	1	1,900	3,610	3,200	3,760	3,510	2,210
22	1,290	37	2	1	1	2,120	3,580	3,310	3,800	3,520	2,120
23	1,280	38	2	1	1	2,220	3,490	3,410	3,850	3,440	2,090
24	1,190	233	2	1	1	2,220	3,450	3,510	3,880	3,380	2,060
25	1,160	315	2	1	1	2,210	3,370	3,580	3,900	3,350	2,060
26	1,080	288	2	1	1	2,360	3,340	3,550	3,860	3,310	2,060
27	1,040	284	2	1	1	2,580	3,340	3,510	3,850	3,270	2,060
28	1,050	275	2	1	1	2,740	3,360	3,490	3,830	3,270	2,080
29	1,050	277	2	1	1	2,850	3,420	3,500	3,820	3,270	2,110
30	964	272	2	1	1	3,020	3,450	3,490	3,820	3,270	2,080
31	824		2	1	1	3,440	3,440	3,810	3,810	3,280	

YEAR
OR
PERIOD

MEAN

3,940

ACROSS-FOOT

2,852,450

Plate No. 69

Mean	920	2,960	3,310	4,816	10,670	10,170	8,122	5,025	491	645	402	276
Score	56,590	176,100	203,500	296,100	592,700	625,100	483,300	309,000	29,230	39,670	24,720	16,440