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

1962

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INTRODUCTION

The annual meeting of Water District No. 36 was held at Idaho Falls on March 5, 1962. 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; Frank Redfield, R. Willis Walker; Malden Dye; Lester Saunders; Harold Nagle.

Advisory members: H. R. Gray, representing the Bureau of Reclamation; William Creason, representing the Minidoka Irrigation District; William Kerner, representing the Gooding Project; F. C. Gillette, representing Teton Basin.

Principal resolutions adopted at the annual meeting were as follows:

1. That the following transmission losses be charged on stored water: 1.7% Moran to Palisades; 0.8% Palisades to Heise; 4.4% Heise to Lorenzo; 0.5% Lorenzo to Woodville; 6% Woodville to Blackfoot; 4% Henrys Lake to Island Park; 2% Island Park to Warm River; 0.5% Warm River to Ashton.
2. Adopted a budget of \$66,016 to cover the expense of operating the District during the coming year, of which it was estimated that \$32,000 would be available from Federal and State stream gaging funds.
3. Approved the proposed Burns Creek Reservoir project provided that the authorizing legislation include a provision for the assumption by the Palisades-Burns Creek power system of one-third of the cost of the winter power losses at Minidoka dam.
4. Recommended the continuation of a pool committee to obtain and allocate rental water.

In contrast to the previous four years of low runoff, the 1962 year was one of above normal precipitation and runoff. Average precipitation at nine representative stations for the year ending September 30 was 17.00" compared to the normal of 15.79". Warm dry weather in April resulted in considerable early runoff. Cool wet weather during May, June and July delayed snow melt and runoff. This reduced the amount of water available for reservoir storage rights and increased that available to the natural flow rights later in the season.

During the three-day period February 10-12 precipitation occurred over the watershed in amounts from 1.0" to 3.0". Temperatures were above freezing at even the higher elevations. The heavy rain and warm temperatures melted snow cover of from 5" to 14" up to around 5,000 feet elevation. The ground was frozen so that little or no water was absorbed. River channels were frozen and unable to carry the excess flow.

As a result of the above conditions floods of record occurred at many points. Severe damage resulted to farm land, irrigation ditches, homes, highways, railroads, bridges and livestock. Areas most seriously affected include Teton River, Willow Creek, Blackfoot River, and Idaho Falls. Had the proposed dams on Teton River and Willow Creek been available the above damages would have been reduced in those areas.

Releases were made from Palisades Reservoir during the spring to conform to flood control requirements. During the period April 26 to June 4, some 280,000 acre-feet spilled to waste past Milner. Had Burns Creek reservoir been available it could have

been filled with this wasted water. As a result of the flood-control releases the Palisades storage right was only 90% filled. American Falls, Jackson Lake and Island Park rights were 100% filled.

Withdrawal of stored water from American Falls started on June 6. The March 30, 1921, priority was partly filled on scattered days through July 4. The 1916 "floodwater" rights were cut off on July 7 compared to April 28 a year ago. The 1893 priorities were filled through August and the December 14, 1891, right was cut for three days late in September.

Hot, dry weather in September caused canal diversions to remain high throughout the month. All rights were restored and regulation discontinued on October 1.

Combined usable storage in the reservoir system on September 30 was 1,797,000 acre-feet compared to 514,000 acre-feet a year ago. This is the largest total storage ever held over by Snake River reservoirs and is 44% of capacity.

Flow past Milner in excess of the Idaho Power Company rights amounted to 737,000 acre-feet. In addition to their 45,000 acre-feet of primary storage the Idaho Power Company discharged past Milner the 31,253 acre-feet held over from 1961.

Flow past Minidoka dam was curtailed for upstream storage for period October 1 to February 28 and four days during March.

A Burns Creek bill was passed and then killed on a recall vote by the full committee of the Committee on Interior and Insular Affairs of the House of Representatives.

PERSONNEL

The persons engaged in water distribution during 1962 were as follows:

H. C. Eagle	Watermaster and Deputy Com. of Reclamation
Arthur L. Larson	Hydraulic Engineer and Deputy Watermaster
Robert W. Harper	Engineering Aid 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
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. Balmforth	Deputy Watermaster, Idaho Falls Division
Carl J. Anderson	Deputy Watermaster, Blackfoot Division
David Peterson	Deputy Watermaster, Swan Valley Division
H. R. Gray	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
John Williams	Supt. Island Park Res., Bureau of Reclamation

Gage readers: Foster B. Randall, F. S. Cowley, D. R. Anthony, Mrs. Irvin Siepert, R. A. Bennion, Bryce Sorensen, R. E. Wagner, A. K. Draper, W. R. Etherington, R. H. Seymour, Mario M. Purin, Keith Broeder, Ray Flavel, Dean W. Davis, Joseph Rausch.

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 1943-57 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>								
1953	19	4.1	38	10.6	42	12.4	35	12.7
1954	19	4.6	37	10.4	42	13.0	46	14.5
1955	20	2.7	24	4.7	34	7.8	30	10.7
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
Normal		5.1		8.5		12.0		12.1

<u>Moran Canyon (Snake River)</u>								
1953	-	-	57	16.7	73	22.8	61	24.2
1954	-	-	51	14.5	61	19.4	72	23.1
1955	-	-	31	7.3	50	12.6	54	17.3
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	-	-
1961	-	-	35	9.5	49	13.6	49	16.5
1962	-	-	57	17.3	65	23.0	70	26.0
Normal	-	-		14.2		20.0		23.2

<u>Arizona Station (Snake River)</u>								
1953	25	5.4	50	13.8	62	18.7	51	19.8
1954	23	5.7	46	12.9	57	17.5	65	20.9
1955	20	3.5	29	7.3	51	12.5	52	17.1
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
Normal		7.5		12.5		17.5		20.0

<u>Huckleberry Divide (Snake River)</u>								
1953	27	6.2	52	15.1	65	19.5	53	20.0
1954	26	6.5	48	12.6	55	17.0	69	21.0
1955	23	4.0	34	8.5	54	13.2	56	17.9
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	28	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
Normal		8.1		13.2		18.3		21.2

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Snake River Station (Snake River)</u>								
1953	30	5.9	52	14.7	66	20.0	54	21.1
1954	29	7.0	51	14.4	60	18.9	77	24.1
1955	25	4.6	34	8.9	55	13.8	59	19.3
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
Normal		8.6		14.2		19.5		21.9

<u>Lewis Lake Divide (Snake River)</u>								
1953	53	12.1	103	31.2	110	39.8	106	45.1
1954	53	14.9	106	31.9	116	41.2	143	52.3
1955	41	9.7	53	16.6	97	26.9	106	38.7
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
Normal		19.2		30.0		39.4		48.4

<u>Aster Creek (Snake River)</u>								
1953	41	9.1	84	24.5	85	30.7	80	33.0
1954	35	9.3	81	23.4	90	31.0	112	38.0
1955	31	6.4	40	10.7	82	20.1	92	30.6
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
Normal		14.1		22.1		30.0		36.4

<u>Colter Creek (Snake River)</u>								
1953	30	5.9	60	17.5	65	22.0	60	23.9
1954	36	9.0	59	16.8	73	25.2	83	28.5
1955	24	4.8	37	10.0	64	12.4	64	20.7
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
Normal	-	-		15.3		21.8		25.3

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

<u>Year</u>	<u>Jan. 1</u>		<u>Feb. 1</u>		<u>Mar. 1</u>		<u>April 1</u>	
	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>
<u>Glade Creek (Snake River)</u>								
1953	34	6.8	56	16.8	61	20.6	61	22.4
1954	30	7.3	54	15.2	62	19.9	75	24.8
1955	26	4.9	36	9.3	60	14.9	64	20.3
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
Normal		9.3		15.2		21.1		24.5

<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>Turpin Meadows (Buffalo River)</u>						
1953	34	8.4	36	11.1	48	13.5
1954	32	7.9	39	10.8	46	12.6
1955	21	3.9	28	6.1	32	7.9
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
Normal		8.1		10.6		11.6

<u>Four Mile Meadows (Buffalo River)</u>						
1953	36	8.8	38	11.2	40	12.5
1954	37	9.6	42	11.4	52	14.6
1955	26	5.3	34	7.0	42	10.6
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
Normal		9.8		12.0		14.3

<u>Black Rock (Buffalo River)</u>						
1953	53	14.2	53	18.1	56	20.2
1954	55	15.7	64	19.3	76	24.4
1955	36	7.8	54	12.5	61	18.2
1956	69	21.9	85	27.5	78	31.9
1957	53	12.6	57	16.1	65	20.5

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>Black Rock (Buffalo River) - continued</u>						
1958	52	11.8	59	16.3	60	19.5
1959	60	15.2	72	19.9	67	24.3
1960	39	9.5	48	13.4	57	17.4
1961	41	10.1	52	13.3	57	17.1
1962	51	14.8	68	20.2	72	25.0
Normal		15.7		19.7		24.3

<u>Togwotee Pass (Buffalo River)</u>						
1953	67	18.7	69	24.4	71	27.3
1954	70	21.1	84	26.3	103	34.7
1955	47	11.6	75	19.4	83	27.7
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
Normal		20.6		26.0		32.1

<u>Year</u>	<u>Jan. 1</u>		<u>Feb. 1</u>		<u>Mar. 1</u>		<u>April 1</u>	
	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>
<u>Valley View Ranch (Henrys Fork)</u>								
1953	31	5.4	38	9.7	46	12.9	44	15.6
1954	19	2.4	46	8.2	45	12.4	47	15.4
1955	12	1.2	32	5.7	43	8.3	44	13.3
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
Normal		5.8		9.8		13.4		16.4

<u>Big Springs (Henrys Fork)</u>								
1953	39	7.0	52	14.5	60	18.9	55	21.7
1954	32	6.1	59	14.1	62	20.8	64	24.7
1955	22	3.3	39	9.1	62	16.1	61	21.9
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
Normal		8.2		14.5		20.4		23.6

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>Island Park (Henrys Fork)</u>								
1953	34	6.2	44	11.1	50	15.1	41	16.2
1954	26	4.5	48	12.4	51	15.5	50	16.8
1955	16	2.4	34	7.8	60	12.4	52	16.2
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
Normal		6.3		11.3		15.8		17.8

<u>Gresby Lake (Fall River)</u>								
1953	50	11.1	79	25.6	87	32.2	84	35.8
1954	48	11.5	75	22.4	82	29.2	100	35.6
1955	56	11.8	59	16.4	93	25.2	91	34.9
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
Normal		15.4		22.9		30.6		36.7

<u>Teton Pass (Teton River)</u>								
1953	44	11.6	78	24.9	83	30.2	91	36.9
1954	48	11.9	79	20.7	82	28.6	111	37.4
1955	32	7.9	52	15.6	80	18.8	91	34.0
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
Normal		16.3		26.0		32.1		40.6

<u>State Line (Teton River)</u>								
1953	24	5.3	42	11.1	45	14.2	42	16.1
1954	26	4.6	43	7.9	42	13.0	61	18.9
1955	17	2.0	25	5.6	40	8.4	43	12.4
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
Normal		6.6		10.6		13.8		16.4

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>East Rim (Hoback River)</u>								
1953	-	-	-	-	34	11.4	33	10.4
1954	-	-	-	-	36	8.9	47	13.4
1955	9	1.2	17	3.5	26	6.1	33	9.1
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
Normal		5.5		7.7		10.5		12.4

<u>Bryan Flat (Hoback River)</u>								
1953	17	3.5	25	8.0	27	9.6	29	12.5
1954	12	2.4	31	7.7	35	9.4	44	14.5
1955	9	1.1	15	3.0	29	5.0	30	8.1
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
Normal		4.5		7.0		9.4		11.2

<u>Yellowjacket Flat (Gros Ventre River)</u>								
1953	-	-	20	4.6	23	5.4	16	3.2
1954	-	-	-	-	28	6.5	31	7.9
1955	-	-	-	-	19	3.5	22	4.9
1956	-	-	32	7.3	39	9.2	29	9.4
1957	-	-	-	-	21	4.5	24	6.1
1958	-	-	24	3.0	27	4.7	27	7.7
1959	-	-	25	5.0	25	6.7	35	7.0
1960	-	-	15	2.1	20	4.0	-	-
1961	-	-	18	2.1		3.8	10	3.8
1962	-	-	-	-	-	-	35	10.4
Normal	-	-		4.6		5.4		6.4

<u>Grover Park Divide (Salt River)</u>								
1953	18	3.7	36	8.8	32	10.2	31	10.6
1954	18	3.9	25	6.6	29	7.9	46	13.4
1955	12	2.0	21	4.9	30	6.9	33	9.3
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
Normal		4.8		7.9		10.0		11.9

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>CCC Camp FF12 (Salt River)</u>								
1953	16	3.4	36	8.8	31	9.4	31	10.9
1954	21	4.7	30	7.9	32	9.5	46	12.9
1955	18	3.0	24	5.0	40	7.6	40	10.8
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
Normal		4.9		8.3		10.4		12.3

<u>Salt River Summit (Salt River)</u>								
1953	21	4.5	42	10.8	38	12.2	37	13.0
1954	25	5.7	39	10.5	39	11.8	58	16.3
1955	21	3.1	25	5.2	45	7.9	44	12.1
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
Normal		6.1		10.5		13.3		16.1

<u>Greys Boundary (Greys River)</u>								
1953	23	4.9	33	9.9	37	10.6	24	9.3
1954	18	3.9	30	9.1	33	10.2	40	12.1
1955	20	1.9	24	5.5	38	7.9	35	11.1
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
Normal		5.1		7.9		10.6		11.9

On April 1, 1962, the snow (water content) was the following average percent of normal: above Jackson Lake 106%, Moran to Heise 111%, Island Park 114%, Falls River 109%, Teton River 101%.

Comparable figures for run-off during the year ending September 30, 1962, as percent of normal were: Snake River at Moran 111%.

Snake River near Heise 109%, Henrys Fork near Ashton 110%, Falls River near Squirrel 108%, Teton River near St. Anthony 115%.

Precipitation for October, December, February, May and July was above normal. For all other months it was below normal.

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

Forecasts by Soil Conservation Service - April 1, 1962

	Runoff in acre-feet - April thru Sept.		
	<u>Forecast</u>	<u>Observed*</u>	<u>% difference</u>
Snake River at Moran	1,023,000	930,300	+10.0
Snake River near Heise	4,230,000	4,259,000	- 0.7
Salt River near Etna	538,000	388,800	+38.4
Henrys Fork near Ashton	640,000	679,200	- 5.8
Teton River nr. St. Anthony	410,000	428,500	- 4.3

* Corrected for storage in upstream reservoirs.

Forecasts by U. S. Weather Bureau - April 1, 1962

<u>Station</u>	<u>Period</u>	<u>Runoff in acre-feet</u>		
		<u>Forecast</u>	<u>Observed*</u>	<u>% difference</u>
Snake R. at Moran	Apr.-Sept.	1,120,000	930,300	+20.4
Snake R. nr. Heise	Apr.-Sept.	5,220,000	4,259,000	+22.6
Salt R. nr. Etna	Oct.-Sept.	640,000	540,900	+18.3
Henrys Fork nr. Ashton	Oct.-Sept.	1,170,000	1,081,000	+ 8.2
Henrys Fork nr. Rexburg	Oct.-Sept.	2,240,000	2,426,000**	+ 7.7
Falls River nr. Squirrel	Oct.-Sept.	654,000	586,000	+11.6
Teton R. nr. St. Anthony	Oct.-Sept.	670,000	619,200	+ 8.3

* Corrected for storage in upstream reservoirs.

** Corrected for diversions.

1962 REGULATION SCHEDULE

July 7	Cut off 1916 priority rights
12	Filled part of Oct. 7, 1905 priorities
13	Filled part of Mar. 26, 1903 priorities
17	Filled 1908 rights above Blackfoot
19	Cut off 1905 rights above Blackfoot
20	Cut off rights later than Mar. 26, 1903
24	Cut off Oct. 11, 1900 priority above Blackfoot
25	Cut off 1900 rights above Blackfoot
26	Cut off 1898 rights
31	Restored 1900 rights

Regulation Schedule - continued

Aug. 2	Cut off 1898 priorities
4	Cut off 1897 priorities
5	Cut off July 9, 1896 priority
8	Cut off June 1, 1895 priority
9	Filled 50% Feb. 6, 1895 priority
10	Filled 20% Feb. 6, 1895 priority
13	Filled 50% Feb. 6, 1895 priority
14	Filled 20% Feb. 6, 1895 priority
15	Cut off all 1895 priorities
16	Filled 50% Aug. 18, 1894 priority
20	Restored Aug. 18, 1894 priority
21	Filled 20% Feb. 6, 1895 priority
26	Cut off Feb. 6, 1895 priority
27	Filled 50% Aug. 18, 1894 priority
28	Cut off Aug. 18, 1894 priority
Sept. 4	Filled Aug. 18, 1894 priority
6	Cut off Aug. 18, 1894 priority
18	Cut off June 1, 1892 priority
21	Cut off Dec. 14, 1891 priority
24	Filled Aug. 18, 1894 priority
26	Filled 20% Feb. 6, 1895 priority
Oct. 1	Restored all rights and discontinued regulation.

Storage use charges started June 4 on the Michaud Project and June 6 on the Minidoka North Side Pump project. Storage diversions at Milner started June 8 and in the upper valley on July 6.

Storage releases from Island Park started July 5, from Henrys Lake July 9, and from Grassy Lake July 26.

WATER SUPPLY

Run-off in acre-feet at various gaging stations during the year ending September 30, 1962, was as follows:

<u>Station</u>	<u>1962 Run-off</u>	<u>Average run-off past years</u>	<u>Years of Record</u>	<u>1962 % of Average</u>
Snake River at Moran	1,158,000	1,038,000	59	111
Snake River near Heise	5,395,000	4,939,000	52	109
Snake River at Neeley	5,121,000	4,849,000	36	106
Falls River near Squirrel	586,000	544,500	48	108
Teton River near St. Anthony	619,200	537,300	29	115
Henrys Fork near Ashton	1,081,000	986,300	42	110
Henrys Fork near Rexburg	1,505,000	1,373,000	53	109

The run-off 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.

Run-off at all stations was above average after four consecutive years of below normal run-off.

Peak daily discharges were as follows:

Snake River at Moran	4,260 cfs on June 29
Snake River near Heise	18,300 cfs on May 12
Snake River near Blackfoot	16,000 cfs on May 2
Henrys Fork near Rexburg	7,100 cfs on Feb. 13
Teton River near St. Anthony	11,000 cfs on Feb. 12
Blackfoot River near Blackfoot	1,710 cfs on Feb. 11
Snake River at Milner	11,600 cfs on Apr. 30

The peaks on Teton and Blackfoot rivers are the greatest of record. For other stations they were not unusually high. Minor flood damage was reported with the flow of 18,300 cfs at Heise.

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

Holdovers on September 30 in thousands of acre-feet

<u>Year</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>American Falls</u>	<u>Lake Walcott</u>	<u>Henrys Lake</u>	<u>Island Park</u>	<u>Grassy Lake</u>	<u>Total</u>
1953	232.4		488	91.2	65.0	34.0	11.3	921.9
1954	316.6		627	89.1	67.7	45.4	11.6	1,157.4
1955	192.8		264	93.6	50.4	27.1	11.2	639.1
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
Av.	368.0	251	302	76.0	59.0	36.5	9.6	1,102.1

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

CHANGES IN POINT OF DIVERSION

Change in Point of Diversion No. 250

B. D. Murdock, 3.208 cfs Oct. 16, 1890 from Butte and Market Lake Canal to pumps from Snake River in NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23, and SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22, all in T. 4 N., R.37 E.

Change in Point of Diversion No. 255

Milton F. Eberhard, 2.5 cfs June 30, 1885 from Parsons Ditch to Watson Slough.

LITIGATION

The following summary decree was issued on Nov. 16, 1961, in the Twelfth Judicial District:

3.2 cfs with priority of June 1, 1898 of the waters of South Leigh Creek to George H. and Luella D. Pehrson. Following this decree a stipulation was filed in the Court in which the parties agreed to further hearings. Some modification is therefore a possibility.

COMMUNITY LATERAL MANAGERS

Charles M. Fullmer was appointed as community lateral manager on the Desert Ditch near Driggs.

CANAL DELIVERIES

Daily diversions from Snake River by canals above American Falls reservoir during the 1962 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 diversions during the 1962 irrigation season by all canals in the district, including headwater areas, as tabulated in the annual watermaster bill, amounted to 8,362,000 acre-feet. This is the largest seasonal diversion ever made in the district.

Diversions during 1962 irrigation season by Snake River
Canals (downstream order from Heise)

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

Canal	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Riley	5,620	900	6.2
Progressive Irr. Dist.	253,400 (a)	31,960	7.9
Farmers Friend	105,100	10,600	9.9
Enterprise Canal	47,960	5,300	9.0
Nelson	440	25	17.6
Mattson Craig & Arnsberger	4,090	516	7.9
Ross & Rand	720	145	5.0
Butler Island	13,840	1,280	10.8
Steele	2,860	220	13.0
Harrison	148,600	13,000	11.4
Cheney	1,320	130	10.1
Rudy Irr. Co.	62,760	5,000	12.5
Kite & Nord	1,220	200	6.1
Burgess	252,000	22,000	11.4
Clark & Edwards	21,020	1,800	11.7
Lowder	15,990	1,000	16.0
East Labelle	36,800	3,000	12.3
Sunnydell	40,210	3,680	10.9
Lenroot	33,320	3,400	9.8
Reid	51,390	5,500	9.3
Texas Feeder	73,430	9,000	8.2
Nelson Corey	1,550	400	3.9
Hill Pettinger	1,070	200	5.4
Rigby	49,100	4,000	12.3
Dilts	7,120	560	12.7
Island	51,840	4,000	12.9
W. Labelle & Long Island	144,200	11,500	12.5
Parks & Lewisville	84,300	7,000	12.0
North Rigby	14,320	1,400	10.2
White	640	130	4.9
Ellis	940	63	14.9
Bramwell	2,690	200	13.4
Butte & Market Lake	84,560	20,000	4.2
Osgood	24,110	5,700	4.2
Bear Island & Smith	740	330	2.2
Idaho	289,000 (a)	35,973	8.0
Kennedy	10,740	2,700	4.0
Great Western & Porter	226,400	25,200	9.0
Coy & Kellar	0	0	0
Woodville	26,080	2,500	10.4
Snow River Valley	197,900 (a)	21,500	9.2
Reservation	127,800 (b)	33,000	3.9
Blackfoot	90,530	15,000	6.0
New Lava Side	40,810	6,000	6.8
Peoples	136,500	20,000	6.8
Aberdeen	355,800	63,000	5.6

Diversions by Snake River canals, 1962 - continued

Canal	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Corbett	53,590	6,000	8.9
Nielsen-Hansen	3,390	460	7.4
Riverside	37,870	4,000	9.5
Danskin	58,690	6,000	9.8
Trego	18,870	1,800	10.5
Wearyrick	17,620	1,600	11.0
Watson	30,600	2,900	10.5
Parsons	13,500	960	14.1
Michaud (Falls Irrig.)	18,640 (c)	6,068 (c)	3.1
Minidoka Irr. Dist.	474,660	72,250	6.6
Burley Irr. Dist.	279,740	46,000	6.1
Minidoka North Side Pump	52,940	14,568	3.6
Twin Falls Canal Co.	1,104,000	202,700	5.5
North Side Canal Co.	1,130,000	159,400	7.1
Milner Low Lift	57,970	12,610	4.6
Gooding	477,500	61,500	7.8
Total	6,970,410	997,828	7.0

(a) Received additional water from Willow and Sand Creeks.

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

(c) Does not include land irrigated from wells.

These main river canals diverted about 19% more water than in 1961. Lower valley diversions were 20% greater than for 1961, while upper valley diversions were about 19% above the 1961 diversions.

Of the 3,576,000 acre-feet diverted by lower valley canals (below Neeley), 1,560,000 acre-feet or 44% was stored water. Upper valley main canals diverted 3,394,000 acre-feet, of which 436,083 acre-feet or 13% 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>
1953	399	573	811	669	522	2,974
1954	597	656	789	676	534	3,252
1955	337	645	770	646	468	2,866
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
Average	484	709	806	652	490	3,141

Henrys Fork and Tributaries
(excluding headwater areas)

1953	180	227	233	189	138	967
1954	224	236	225	185	133	1,003
1955	153	249	229	177	128	936
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
Average	196	250	227	183	125	981

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>
1953	37	128	108	189	168	103	733
1954	51	161	116	174	168	107	777
1955	14	142	142	176	157	107	738
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
Average	39	144	144	182	159	95	763

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>
1953	76	195	190	239	233	176	1,109
1954	88	217	196	230	228	177	1,136
1955	33	187	227	233	233	183	1,096
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
Average	74	196	201	234	222	161	1,088

Twin Falls Project

1953	104	204	184	227	224	167	1,110
1954	108	218	187	219	221	164	1,117
1955	40	187	203	220	225	170	1,045
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
Average	92	200	194	225	217	154	1,082

Gooding Project

1953	33	80	79	98	94	74	458
1954	32	88	86	95	94	81	476
1955	14	80	94	97	96	79	460
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
Average	22	82	86	96	91	69	446

Total diversions in all areas were among the greatest of record.

September was hot and dry and canal diversions remained higher than usual throughout the month.

Ground water, both east and west of Rigby, reached high levels in August and September. In order to reduce damages from this water

several of the Feeder canals shut off for short periods in an effort to lower the water table. A committee has been appointed to study this situation and possible solutions.

RIVER DATA

The usual methods of segregating stored water and normal flow at the reservoir outlets was continued in use during 1962. 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. This was continued until about 20,000 acre-feet of stored water was used in maintaining natural flow rights. 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.

Subtotals on Plate 12A show theoretical storage balance at Blackfoot for period July 19 to Aug. 31, of 71,261 cfs and actual stored of 62,640 cfs. The difference is 8,621 cfs days or 17,100 acre-feet which is a part of the above 20,000 acre-feet of stored water used to maintain normal flow. This difference was offset during September when normal flow was delivered to storage rights.

under the Jackson Lake priority. Therefore, full allotment of space in Jackson Lake was possible without calling upon Palisades Reservoir for water released from Jackson Lake during the storage season.

Palisades Reservoir

Palisades Reservoir usable contents on June 6 was 1,080,000 acre-feet. At that time it had stored adversely 9,920 acre-feet. This adverse storage was mostly offset by the 6,840 acre-feet of unallotted surcharge in American Falls, 1,250 acre-feet surcharge in Jackson Lake on July 4, and storage charged to Michaud and Minidoka North Side Pump projects prior to June 6.

The full 1,080,000 acre-feet was allotted to Palisades rights. Since water was released from Palisades for flood control during the spring, all holdover and preferred space rights were canceled and all rights were 90% filled.

1962 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	1,395	3,657
Progressive Irr. Dist.	12,485	7,209	25,650	45,344
Farmers Friend		2,000	8,460	10,460
Enterprise	8,923	11,252	17,640	37,815
Mattson Craig			1,296	1,296
Butler Island			225	225
Harrison	12,025	11,943	21,150	45,118
Rudy	2,649	3,530	14,130	20,309
Burgess	9,496	10,603	28,260	48,359
Clark & Edwards			720	720
Lowder		1,040	1,440	2,480
East Labelle			720	720
Sunnydell		4,000	5,670	9,670
Lenroot	3,868	5,234	7,065	16,167
Reid	2,549	1,472	2,835	6,856
Texas & Liberty Park			4,230	4,230
Enterprise Irr. Dist.	10,188	5,883		16,071
Rigby			5,670	5,670
Island			4,230	4,230
Dilts	886	511	1,080	2,477

Storage allotments - continued

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
West Labelle				
Long Island			900	900
Parks & Lewisville			4,500	4,500
North Rigby			4,950	4,950
Butte & Market Lake			1,080	1,080
Osgood (U.I.S.Co.)	4,666	2,695	39,600	46,961
Bear Island	13,459	7,771	13,725	34,955
Smith	191	110		301
Kennedy	21	12		33
Idaho	50	384	3,771	4,205
Martin	22,911	13,230	52,920	89,061
New Sweden Irr. Dist.	2,006	2,659	5,040	9,705
West Side Mutual	25,731	19,857	28,260	73,848
Woodville			2,115	2,115
SNAKE RIVER VALLEY	6,047	3,491	5,400	14,938
Palisades Water Users	26,367	30,225	31,770	88,362
Blackfoot			45,207	45,207
New Lava Side	12,763	7,370	3,645	23,778
Peoples			10,575	10,575
Aberdeen	21,415	20,365	31,500	73,280
Corbett	55,591	74,626	137,520	267,737
Riverside	3,396	1,961	5,670	11,027
Danskin			1,350	1,350
Trego			2,115	2,115
Wearyrick	1,314	758	2,880	4,952
Watson			540	540
Parsons			2,115	2,115
Michaud (Indian Service)			630	630
Falls Irr. Dist.	47,700		75,510	123,210
Minidoka Irrig. Dist.	23,300		36,810	60,110
Burley Irrig. Dist.	83,563	186,030	31,500	301,093
Minidoka N. S. Pump	157,942		35,280	193,222
Milner Low Lift	47,593		81,720	129,313
Twin Falls Canal	45,687		24,750	70,437
Hillsdale	151,185	97,183		248,368
North Side Canal	41,146			41,146
Gooding	397,214	312,007	104,940	814,161
Idaho Power Co.	400,000		900	400,900
City of Pocatello	45,000			45,000
J. R. Simplot			45,000	45,000
Westvaco			2,250	2,250
U. S.			4,500	4,500
			47,196	47,196
Total	1,700,000	847,000	1,080,000	3,627,000

The storage rental committee consisting of F. Gordon Whitaker, Leonard Graham, and H. C. Eagle was continued and supervised water rentals.

Summary of Water District No. 36 Rentals - 1962

<u>Sources</u>		<u>Rentals</u>	
U. S. Indian Service	6,440 a.f.	Swan Valley	270 a.f.
Water District No. 36	<u>448</u>	Heise to Shelley	3,048
	6,888 a.f.	Reservation Canal	1,810
		Milner Low Lift	<u>1,760</u>
			6,888 a.f.

Several other applications were approved by the committee early in the season. These were later reduced or canceled when it became evident that the storage would not be needed. Additional water was offered for rental by various canals and individuals.

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.

Supply and disposal of stored water, 1962
(acre-feet)

<u>Supply</u>		
Jackson Lake	July 4	848,250
Palisades	June 5	1,080,000
American Falls	June 6	1,730,000
Lake Walcott	June 6	97,350
Henrys Lake	June 29	75,700
Island Park	July 5	134,560
Grassy Lake	July 6	14,930
Indian & Bergman Res. yield		300
Sheridan Creek right		1,952*
Gain Neeley to Milner		<u>32,047*</u>
Total		4,015,089

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

Disposal

Used by Snake River rights		2,061,917
Used by Henrys Fork rights		106,612
Storage transmission loss Snake River		53,508
Storage transmission loss Henrys Fork		2,297
Storage transmission loss Cross Cut		1,232
Henrys Lake loss		589
Holdovers: Jackson	Sept. 30	525,370
Palisades	Sept. 30	770,000
American Falls	Oct. 1	263,000
Lake Walcott	Oct. 1	92,740
Henrys Lake	Sept. 8	66,700
Island Park	Sept. 27	64,960
Grassy Lake	Sept. 24	11,310
Total		4,020,235

The difference is 5,146 acre-feet with more storage accounted for than required. The difference is less than experienced most years and well within the accuracy of measurement methods for river discharges and reservoir contents. The extra storage is more than accounted for by the apparent gain in American Falls Reservoir during the period of regulation.

Total reservoir holdovers at end of season were 1,794,000 acre-feet. No attempt was made to compute holdover credits to individual reservoirs. With a 44% carryover the chance for filling all reservoirs in 1963 is good.

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 1962.

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

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

* 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 being pumped from wells by the City of Pocatello, the Westvaco Company, and the J. R. Simplot Company. Only a part of the water pumped is used consumptively. The City of Pocatello reported a total of 4,100 acre-feet pumped for period May through September. This is much below the 7,000 acre-feet permitted before a charge is made

against their Palisades space. 2,000 acre-feet was charged against the above users. It appears that American Falls reservoir will fill and spill in 1963 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, 1962 (Alpine dates and 24-hr. cfs except as noted)

Station	May	June	July	Aug.	Sept.	Total
Moran	660	8,900	109,800	105,190	58,730	283,280
Snake-Alpine	254,520	321,620	282,240	192,730	109,800	1,160,910
Total gain cfs	253,860	312,720	172,440	87,540	51,070	877,630
Mean gain cfs	8,189	10,424	5,563	2,824	1,702	5,736
Total gain a.f.	503,520	620,270	342,030	173,630	101,300	1,740,800

Gain in Snake River, Alpine gaging station to state line

Station	May	June	July	Aug.	Sept.	Total
Greys River	64,150	60,810	30,554	15,032	10,632	181,178
Salt River	52,580	31,135	26,111	23,856	21,459	155,141
Total gain cfs	116,730	91,945	56,665	38,888	32,091	336,319
Mean gain cfs	3,765	3,065	1,828	1,254	1,070	2,198
Total gain a.f.	231,530	182,370	112,390	77,130	63,650	667,070

The gains Moran to Alpine gage and Alpine gage to state line are greater than for several years owing to the above normal flow of all streams in this area in 1962.

Gain in Snake River, state line to Heise, 1962 (No corrections for time of flow and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Palisades release	-15,125	-38,821	10,083	68,063	84,196	108,396
Total supply*	356,125	374,744	348,988	299,681	226,087	1,605,625
Heise	448,510	409,820	382,000	313,000	245,400	1,798,730
Riley	252	650	751	804	373	2,830
Total acct. for	448,762	410,470	382,751	313,804	245,773	1,801,560
Total gain cfs	92,637	35,726	33,763	14,123	19,686	195,935
Mean gain cfs	2,988	1,191	1,089	456	656	1,281
Total gain a.f.	183,740	70,860	66,970	28,010	39,050	388,630

*Sum of Snake nr. Alpine, Greys and Salt River from previous tables.

The gains for June and August were less than a year ago. Gains for other months were greater. The lower gain in June was probably caused by water going into bank storage with rising reservoir.

Gain in Snake River, Heise to Shelley, 1962
(Heise dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Rexburg	123,660	86,350	49,433	36,928	35,381	331,752
Total supply**	572,422	496,820	432,184	350,732	281,154	2,133,312
Diversions	181,335	267,030	302,380	257,080	197,150	1,204,975
Shelley	400,550	261,200	173,010	133,330	119,100	1,087,190
Total acct.for	581,885	528,230	475,390	390,410	316,250	2,292,165
Total gain cfs	9,463	31,410	43,206	39,678	35,096	158,853
Mean gain cfs	305	1,047	1,394	1,280	1,699	1,038
Total gain a.f.	18,770	62,300	85,700	78,700	69,610	315,080

**Rexburg plus Heise and Riley from previous table.

The gains for all months are greater than for the past few years reflecting higher ground-water levels and more waste from canals.

Gain includes inflow from Market Lake Springs shown on Plate 24.

Gain or loss in Snake River, Shelley to Blackfoot, 1962
(Shelley dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Shelley	408,220	261,700	173,340	136,070	119,720	1,099,050
Blackfoot River	3,127	1,825	951	944	1,871	8,718
Total Supply	411,347	263,525	174,291	137,014	121,591	1,107,768
Diversions	85,902	110,550	119,630	97,220	83,650	496,952
Blackfoot	319,990	160,970	59,716	49,210	45,347	635,233
Total acct.for	405,892	271,520	179,346	146,430	128,997	1,132,185
Total diff.cfs	-5,455	7,995	5,055	9,416	7,406	24,417
Mean diff. cfs	-176	266	163	304	247	160
Total diff.a.f.	-10,820	15,860	10,030	18,680	14,690	48,440

There was a loss for May. For the other months the gains appear to be among the highest of record, probably reflecting the abundant supply for all canals and a resulting greater than usual spill to the river.

Gain or Loss in Snake River, Blackfoot to Neeley, 1962
(Neeley dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Blackfoot	329,470	163,370	59,036	52,170	44,377	648,423
Inflow*	91,568	82,281	82,180	80,748	80,445	417,222
Res. draft	-4,500	74,600	258,100	243,500	169,400	741,100
Total supply	416,538	320,251	399,316	376,418	294,222	1,806,745
Diversions	907	1,993	3,180	1,848	1,185	9,113
Neeley	409,280	330,180	411,100	379,720	289,660	1,819,940
Total use	410,187	332,173	414,280	381,568	290,845	1,829,053
Total diff.cfs	-6,351	11,922	14,964	5,150	-3,377	22,308
Mean diff.cfs	-205	397	483	166	-113	146
Total diff.a.f.	-12,600	23,650	29,680	10,210	-6,700	44,240

The average gain of 146 cfs appears to be one of the greatest of record. Crandall noted in 1955 report, p. 31, "In future years it will often be possible to hold some American Falls reservoir water in Palisades which will make an appreciable saving in evaporation loss." About 100,000 acre-feet was stored in Palisades after American Falls withdrawals began. This is a new condition in reservoir operation where American Falls reservoir is drawn down in a year of above normal runoff. The increased flow from bank storage added to increased return from canals and decreased evaporation appears to have offset any loss from increased pumping from wells. This condition will have to be substantiated by more years of record showing the same tendency before any conclusions are warranted.

*A tabulation of inflow data is shown on Plate 11. Ten sets of measurements were obtained during the period and figures interpolated between measurements. 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 1,270 to 1,320 cfs.

The following measurements at inflow stations were obtained in cooperation with the Ground Water Branch of the U. S. Geological Survey. Discharge in cfs.

<u>Date</u>	Portneuf				<u>Ross Fork</u>	<u>Bannock Creek</u>
	<u>Big Jimmy Creek</u>	<u>Big Springs</u>	<u>McTucker Springs</u>	<u>River at Daniel-son Newell Station</u>		
Oct. 20, 21	30.5	476	28.4	459	56.2	52.8
Nov. 17, 18	30.9	448	29.5	487	44.0	41.7
Dec. 15, 16	34.8	451	28.0	488	56.6	45.8
Jan. 12, 13	33.3	442	30.8	518	46.6	45.5
Feb. 17†	39.7	465	26.7	1,532	53.6	62.7
Mar. 16, 17	34.5	454	23.9	570	60.7	-
Apr. 20, 21	33.6	427	25.3	994	45.2	56.2

† Flood runoff at some stations.

In cooperation with the Ground Water Branch of the U. S. Geological Survey, measurements of the flow of Ruegar Springs were obtained as follows:

<u>Discharge of Ruegar Springs in cfs</u>			
<u>Date</u>	<u>Discharge</u>	<u>Date</u>	<u>Discharge</u>
Oct. 12, 1961	22.1	May 12, 1962	26.2
Nov. 7	22.2	May 30	25.2
Dec. 3	25.2	June 22	24.8
Jan. 6, 1962	25.3	Aug. 3	21.4
Feb. 3	25.8	Sept. 8	19.2
Mar. 17	25.8	Sept. 29	19.8
Apr. 21	25.6		

The above measurements and similar ones obtained last year indicate that the Ruegar Springs discharge probably varies some 20% depending on the elevation of the water surface in American Falls reservoir.

Gain or loss in Snake River, Neeley to Minidoka, 1962
 (Minidoka dates and 24-hr cfs, except as noted)
 - indicates loss

Station	May	June	July	Aug.	Sept.	Total
Neeley	412,970	328,920	411,300	379,990	291,530	1,824,710
Walcott release	-1,280	5,880	-1,020	3,140	-940	5,780
Total Supply	411,690	334,800	410,280	383,130	290,590	1,830,490
No. Minidoka	33,669	38,691	53,310	44,600	27,957	198,227
So. Minidoka	27,752	31,705	41,850	37,770	28,010	167,087
Minidoka	350,060	257,210	305,360	301,860	234,430	1,448,920
Total use	411,481	327,606	400,520	384,230	290,397	1,814,234
Total diff.cfs	-209	-7,194	-9,760	1,100	-193	-16,256
Mean diff.cfs	-7	-232	-315	35	-6	-106
Total diff.a.f.	-415	-14,270	-19,360	2,180	-383	-32,248

The average loss of 106 cfs appears to be one of the greatest of record. The accuracy of discharge records at Minidoka is not too good and may account for this apparent loss.

Gain in Snake River, Minidoka to Milner, 1962
 (Milner dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Minidoka	354,920	256,480	305,130	302,200	236,530	1,455,260
Misc. diver.	10	10	5	5	0	30
Min. N.S.Pump	3,724	4,032	7,739	6,535	4,080	26,110
P. A.	1,725	1,764	2,172	2,052	1,263	8,976
Milner Low Lift	4,974	4,208	7,760	6,707	4,383	28,032
Gooding	66,210	67,630	80,230	77,470	70,930	362,470
North Side	70,040	76,220	93,300	89,350	67,040	395,950
Twin Falls	98,750	96,520	116,950	112,220	91,090	515,530
L.Milner stored	-186	-267	237	-106	-282	-604
Milner	110,776	17,274	4,430	11,505	12,618	156,603
Total use	356,023	267,391	312,823	305,738	251,122	1,493,097
Total gain cfs	1,103	10,911	7,693	3,538	14,592	37,837
Mean gain cfs	36	364	248	114	486	243
Total gain a.f.	2,190	21,640	15,260	7,020	28,940	75,050

The total gain in this section was about 50% greater than a year ago.

The overall gain Neeley to Milner for the period May through September was 42,802 acre-feet. The Minidoka Project was credited with 32,047 acre-feet of this gain for periods when it 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.

During August and September the Squirrel Creek Canal changed their point of diversion to a point on Conant Creek and use of pumps. This relieved the Squirrel Creek demand and no special regulation was required on that creek.

As a result of the greater than usual normal flow, many canals used little or no stored water. Reservoir holdovers at the end of the season were about 60% of capacity.

Releases from Henrys Lake were discontinued on September 6, those from Grassy Lake on August 18, and from Island Park Reservoir on September 28.

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 1962. During the period July 6-23 stored water was charged a daily loss of 30 cfs. During period August 4-21 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.

1962 REGULATION SCHEDULE

There were a few days when the regulation schedule on the Henrys Fork above Teton River was cut to earlier priorities than the main river. For the first time since 1957 the Teton River natural flow was high enough to allow it to remain on the main river schedule throughout the season.

Figures showing the operation of the Cross Cut Canal in 1962 are shown on Plate 23A. It delivered about 25,300 acre-feet to the Fall River Canal and 9,700 acre-feet to Teton River.

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

July 16, 1962

Sheridan Creek at highway 22 - Gage 1.08	11.25 cfs
Willow Creek at highway 22	.2
Icehouse Creek at highway 22	12
Sheep Creek at highway 22	3
Hotel Creek at highway 22	20
Howard Creek at highway	5
Targhee Creek at highway	35
Duck Creek at highway - Gage 1.78	15
Rock Creek diversion	3
Diversions out of Hope Creek	5
Magleby sprinklers	3

July 26

Moedl's Rock Creek water crossing road at his house	1.5 cfs
Moedl's Hope Creek water	1.5
Magleby sprinkler	1.65
Rock Creek above diversions	12.4
Duck Creek at gage	14.45
Duck Creek into Lake	15
Webster lower diversion	3
Johnson Springs	6.50
Fish Hatchery - .15" (pile-up) over 2" plank 40" long	.8
Targhee Creek at road	30
Targhee Creek into Lake	5
Howard Creek at road	6

August 30, 1962

Sheridan Creek at Hiway 22 - Gage 1.16	15	cfs
Ditches across road	5	
Willow Creek	0	
Icehouse Creek	8	
Icehouse diversion	1	
Taylor Creek at Forest Service Road	1	
Snider Creek at Forest Service Road	2	
Myers Creek at Forest Service Road	.5	
Willow Creek at Forest Service Road	1.5	
Icehouse Creek at Forest Service Road	8	
Hotel Creek at Forest Service Road	4	
Sheridan Creek at Forest Service Road	40	
Howard Creek at highway	4	
Targhee Creek at road	10	
Targhee Creek into Lake	3	
Duck Creek into Lake	6	
Duck Creek - Gage 1.43	8	
Rock Creek div. across road	1	
Hope Creek div.	1	
Twin Creek	0	
Twin Creek Div. Right	0.5	
Twin Creek Div. Left	0.5	
Twin Creek East Branch	2	
Jesse Creek	0	
Laird Divs.	0	

Occasional measurements of Big Springs near Island Park have been obtained in recent years. As shown in the following tabulation the discharge appears to have partially recovered from the 1961 low.

<u>Date</u>	<u>Discharge in cfs</u>	<u>Date</u>	<u>Discharge in cfs</u>
July 14, 1950	187	July 25, 1961	165
Sept. 3, 1959	181	Aug. 28, 1961	163
Oct. 19, 1959	186	June 5, 1962	177
June 21, 1960	176	Oct. 17, 1962	170

CANAL DELIVERIES IN HENRYS FORK BASIN

Diversions during the 1962 irrigation season, May to September, from Falls River, Henrys Fork and Lower Teton River

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre.
<u>Falls River Canals</u>			
Yellowstone	2,820	1,200	2.3
Marysville	36,970	15,000	2.5
Farmers Own	14,600	4,800	3.0
Almy	470	80	5.9
Enterprise	34,100	5,885	5.8
Bell	1,820	320	5.7
Fall River	110,400 (a)	9,000	12.3
McBee	205	20	10.2
Chester	17,970	1,400	12.8
Silkey	4,170	680	6.1
Cur	11,740	1,300	9.0
Total Falls River	235,265	39,685	5.9

(a) Includes 25,300 diverted through Cross Cut.

Henrys Fork Canals

Dewey	6,810	2,000	3.4
Last Chance	28,420	1,860	15.3
St. Anthony Union	140,600	9,700	14.5
Farmers Friend	31,490	2,550	12.3
Twin Groves	35,840	2,200	16.3
Salem Union	57,320	5,500	10.4
Egin	85,580	7,000	12.2
St. Anthony U. Feeder	22,950	2,300	10.0
Independent	80,180	6,000	13.3
Consolidated Farmers	67,130	6,000	11.2
Total Henrys Fork	556,320	45,110	12.3

Lower Teton Canals

Siddoway	2,960	500	5.9
Wilford	33,820	2,300	14.7
Teton Irrigation	25,550	2,000	12.8
Good Luck	4,060	330	12.3
Pioneer	3,650	300	12.2
Stewart	5,680	433	13.1
Pincock-Byington	3,480	400	8.7
Pincock-Garner	5,440	480	11.3
Teton Island Feeder	104,700	10,400	10.1
Roxana	6,400 (b)	880	7.3
Island Ward	6,510 (b)	3,300	2.0
North Salem	1,860 (c)	450	4.1
Bigler Slough	1,200	160	7.5
Woodmansee-Johnson	3,670 (d)	1,330	2.8
City of Rexburg	7,560	950	8.0
Rexburg Irrigation	63,190	5,280	12.2

Diversions during 1962 irrigation season - continued

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
<u>Lower Teton Canals - continued</u>			
McCormick-Rowe	2,170	160	13.6
Saurey Sommers	4,580	315	14.5
Gardner	1,040	200	5.2
Eames Thompson	530	160	3.3
Total Lower Teton	288,050	30,328	9.5
Total Falls River, Henrys Fork and Lower Teton	1,079,600	115,123	9.4

- (b) Used additional water from Henrys Fork thru Consolidated Farmers
- (c) Used additional water from Henrys Fork thru Salem Union
- (d) Used additional water from Moody Cr. & Teton Irr. Canal waste.

The diversions in this area were about 25% greater than for 1961 and appear to be the highest of record.

Of the total diversions of 1,079,600 acre-feet, 106,612 acre-feet or 9.9% was stored water.

Diversions by some of the principal canals in the headwater areas for the 1962 irrigation season (May 15 to September 30) are shown below:

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
String Canal	17,000	2,300	7.4
Trail Creek Irr. Co.	28,800	6,000	4.8
Fox Creek Canals	10,900	3,760	2.9
Darby Creek Canals	19,300	4,800	4.0
Grand Teton Canal	29,500	5,800	5.1
Canyon Creek Canal	4,790	2,200	2.2
Conant Creek Canal	3,180	1,500	2.1
*Squirrel Creek Canal	1,730	980	1.8
Boom Creek Canal	740	240	3.1

*Includes water pumped from Conant Creek.

For most canals diversions were much greater than a year ago.

STORED WATER DELIVERIES ON HENRYS FORK

Water available for Fremont-Madison allotments was as follows:

Island Park Reservoir (July 5)	134,560 a.f.
Grassy Lake (July 6)	14,930
Sheridan Creek right (about)	<u>2,000</u>

Total 151,490 a.f.

The district allotted 132,596 acre-feet for the 1962 season.

Henrys Lake Allotments, 1962

Henrys Lake contents (June 29)	75,700 a.f.
Less dead storage and loss	<u>3,000</u>

Net to allot 72,700 a.f.

Allotted

	<u>Percent</u>	<u>Acre-feet</u>
Independent	26.90	19,556
Salem Union	24.21	17,601
Consolidated Farmers	20.17	14,664
Last Chance	13.85	10,069
St. Anthony Union	6.72	4,885
Egin	6.72	4,885
Dewey	<u>1.43</u>	<u>1,040</u>
	100.00	72,700

Henry's Fork Storage Operations - 1962

Henry's Lake

Canal

Dewey
Last Chance
Independent

Henry's Lake Storage Used

1,040 acre-feet
5,074 " "
4,412 " "

Total Used

10,526 acre-feet

Storage release from Henry's Lake
Excess use above release

8,711 acre-feet
1,815 acre-feet

Henry's Fork near Rexburg Storage balance for 1962 -23,827 acre-feet

Credits from other reservoirs:

Enterprise use 14,093
Other individuals 503

14,596

14,596

Henry's Fork owes main river

9,231 acre-feet

Henry's Lake deficit

1,815

Fremont-Madison deficit

7,416 acre-feet

These deficits will be canceled as soon as this amount of water is spilled following Island Park fill.

RIVER GAINS IN HENRY'S FORK BASIN, 1962

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, 1962
(Island Park dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Lake	62	315	2,645	3,785	963	7,770
I. P. release	-650	1,020	14,400	15,340	5,630	35,740
Total Supply	-588	1,335	17,045	19,125	6,593	43,510
Island Park	37,296	26,047	33,240	33,552	20,761	150,896
Total gain cfs	37,884	24,712	16,195	14,427	14,168	107,386
Mean gain cfs	1,222	824	522	465	472	701
Total gain a.f.	75,140	49,020	32,120	28,620	28,100	213,000

The average gain for the period is 196 cfs greater than last year and is the highest since 1957.

Gain in Henrys Fork, Island Park to Ashton, 1962
(Ashton dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Island Park	37,149	26,333	33,058	33,607	21,010	151,157
Ashton	89,790	57,040	60,600	60,310	45,230	312,970
Total gain cfs	52,641	30,707	27,542	26,703	24,220	161,813
Mean gain cfs	1,698	1,024	888	861	807	1,058
Total gain a.f.	104,400	60,910	54,630	52,960	48,040	320,940

The average gain is 242 cfs greater than a year ago and the highest since 1957.

Gain in Henrys Fork, Ashton to St. Anthony, 1962
(St. Anthony dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Ashton	89,823	57,188	60,523	60,362	45,322	313,218
Chester	63,470	47,918	10,871	5,360	7,150	134,769
Total supply	153,293	105,106	71,394	65,722	52,472	447,987
Diversions	39,815	36,323	34,447	33,854	25,272	169,711
St. Anthony	113,040	72,700	39,278	32,524	28,600	286,142
Total acct for	152,855	109,023	73,725	66,378	53,872	455,853
Total gain cfs	-438	3,917	2,331	656	1,400	7,866
Mean gain cfs	-14	131	75	21	47	52
Total gain a.f.	-869	7,770	4,620	1,300	2,780	15,601

The gain in this section is caused by return flow from irrigation. The small loss in May is probably owing to low ground water following the dry 1961 season. The mean gain for the period was 52 cfs compared to 33 cfs in 1961 and 101 cfs in 1960.

Gain in Fall River, Squirrel to Chester, 1962
(Chester dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Squirrel	64,617	61,490	27,524	18,072	16,571	188,274
Diversions	15,188	22,376	19,722	16,009	12,545	85,840
Chester	63,470	47,918	10,871	5,360	7,150	134,769
Total acct.for	78,658	70,294	30,593	21,369	19,695	220,609
Total gain cfs	14,041	8,804	3,069	3,297	3,124	32,335
Mean gain cfs	453	293	99	106	104	211
Total gain a.f.	27,850	17,460	6,090	6,540	6,200	64,140

The gain for each month is greater than a year ago. The mean gain was 211 cfs compared to 84 cfs in 1961 and 141 cfs in 1960.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg, 1962
(St. Anthony dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Teton River	52,560	51,450	36,936	24,268	18,550	183,764
Henrys Fork	113,040	72,700	39,278	32,524	28,600	286,412
Total Supply	165,600	124,150	76,214	56,792	47,150	469,906
Teton Diversions	27,019	38,630	31,061	27,751	20,823	145,284
H.Fk.Diversions	36,453	30,597	24,022	22,736	15,179	128,987
Rexburg	123,275	85,570	49,163	36,563	35,526	330,097
Total acct.for	186,747	154,797	104,246	87,050	71,528	604,368
Total gain cfs	21,147	30,647	28,032	30,258	24,378	134,462
Mean gain cfs	682	1,022	904	976	813	879
Total gain a.f.	41,940	60,790	55,600	60,020	48,360	266,710

The average daily gain of 879 cfs is almost twice that of a year ago and appears to be the greatest of record. This flow is produced mostly from return flow from upstream irrigation use. The high figure for this year is a result of the record high diversions in the Henrys Fork and Teton area. The 266,710 acre-feet total gain is equal to 25% of the 1,079,600 acre-feet diverted by canals above Rexburg. The percentage was 17% for 1960 and 1961 and 21% for 1958 and 1959. 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 W. Wilson, with summer office at Driggs, continued as Deputy Watermaster in Teton Basin during 1962.

The water content of snow on April 1 on Teton watershed was 101% of normal. July precipitation at Driggs was 2.27" compared to a normal of 0.86". It was much below normal for June, August and September.

Canal diversions were high during the June run-off and water was spread to build up the ground-water table. As a result of these diversions and the heavy July precipitation the ground water was built up to the point that there was a good return flow to Teton River by the time the regulation season started. This flow held up well all summer so that it was not necessary to cut the Teton River below the main river regulation schedule.

The discharge of various streams and canals and storage used in Teton Basin through exchange for natural flow is shown on Plates 23, 24, 44, 45.

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 less than half 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. There were requests for regulation in Teton Basin prior to the time Mr. Wilson was available which were taken care of by Mr. Hansen. One-half of the cost of Mr. Hansen's services, amounting to \$404.00 was charged as a special item to the local users and a similar amount was charged as general District 36 expense.

In order to improve the South Leigh Creek channel a contractor was engaged to remove obstructions at several points. The cost of this work was included in the South Leigh Creek special charge. Reports indicate that as a result of this work water came down the channel in a shorter time than in former years and flow held up later in the season.

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

David Peterson again 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 \$405.00 total, as a special charge and the balance of the cost of his services, amounting to \$729.00, was charged as general expense to District 36.

There was little demand for stored water in excess of Palisades allotments. Swan Valley users rented 270 acre-feet from Water district 36 during 1962.

CLIMATOLOGICAL DATA
(Precipitation in inches for year ending September 30, 1962)

Month	<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.	2.03	1.53	2.95	1.43	1.24	1.09	2.31	1.58	1.70	1.33
Nov.	.92	1.37	3.05	1.80	.88	1.10	1.43	1.73	1.47	1.65
Dec.	2.25	1.56	4.09	2.40	1.85	1.67	1.86	2.24	1.81	2.41
Jan.	1.15	1.51	1.94	2.24	1.60	1.47	1.83	2.14	1.22	1.77
Feb.	.63	1.43	3.78	2.18	2.83	1.41	2.14	1.87	3.06	1.99
Mar.	1.38	1.51	2.03	2.05	.77	1.28	.91	2.00	1.16	1.73
Apr.	.78	1.37	1.48	1.69	.85	1.16	1.56	1.56	.60	1.45
May	2.50	2.07	2.23	1.89	1.97	1.51	3.18	2.00	2.34	1.83
June	2.13	2.34	1.33	1.86	.54	1.59	1.51	2.17	1.49	1.79
July	2.83	1.04	1.41	1.02	1.49	.78	1.54	.93	1.73	.84
Aug.	.77	1.19	.84	1.33	1.10	1.19	1.24	1.05	1.11	1.25
Sept.	.52	1.29	.59	1.32	.35	1.08	.57	1.25	.50	1.35
Year	17.89	18.21	25.72	21.21	15.47	15.33	20.08	20.52	18.19	19.39

Month	<u>Ashton</u>		<u>Idaho Falls</u>		<u>Pocatello</u>		<u>Twin Falls</u>		<u>Av. 9 Stas.</u>	
	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>	<u>Act.</u>	<u>Nor.</u>
Oct.	2.73	1.35	1.52	0.61	2.03	1.04	1.16	0.75	1.96	1.19
Nov.	1.48	1.58	.32	.53	.68	1.06	.58	.93	1.20	1.31
Dec.	2.98	1.99	1.01	.86	.93	1.14	1.17	.88	1.98	1.69
Jan.	1.19	1.74	.44	.92	1.17	1.21	.63	1.01	1.24	1.56
Feb.	3.68	1.76	2.20	.73	.99	.93	1.51	.70	2.31	1.44
Mar.	1.71	1.41	1.14	.71	1.26	1.13	1.08	.85	1.27	1.42
Apr.	.44	.97	.11	.69	.74	1.32	.33	.99	.77	1.25
May	2.20	1.35	1.51	.94	1.74	1.21	2.44	.88	2.23	1.52
June	1.65	2.09	1.83	1.22	.52	1.02	.66	.85	1.30	1.66
July	1.51	.88	.82	.59	1.16	.76	T	.27	1.39	.78
Aug.	.36	.98	.19	.51	.86	.72	.88	.13	.82	.93
Sept.	.79	.94	.48	.66	.40	.90	.54	.48	.53	1.04
Year	20.72	17.04	11.57	8.97	12.48	12.44	10.98	8.72	17.00	15.79

* Used 15 year average.

On an average for the nine stations the precipitation for the water year ending September 30, 1962, was almost 108% of normal. Except for May and July it was below normal for period March through September.

REMARKS

The operation of Palisades Reservoir during the storage season is a matter that should receive increased study in coming years. During the April to June period water was released to conform with flood-control requirements. Even though considerably more storage was permitted than a strict following of the parameters indicated, it was possible to fill only 90% of the Palisades space. This occurs because the flood control requirements are set up to take care of the years of extremely high late run-off. In years when run-off in late spring is average or below there is not enough to fill Palisades reservoir while the 1939 storage right is in effect.

The space in Palisades reservoir required for flood control could be reduced if flows above 20,000 cfs were permitted at Heise. It would seem desirable to promote channel work that would remove obstructions and increase the safe capacity to 25,000 cfs or more.

The failure to fill Palisades rights 100% caused no loss of stored water this year. The reservoir holdovers were sufficiently high that water was spilled past Milner throughout the 1962-63 storage season. Had Palisades reservoir been filled, more water would have been available to spill past Milner.

The problem of river pollution is one that will assume increasing concern in future years. Reports from the Board of Health indicate that with the present dumping of waste from industrial plants and municipalities, a flow of about 1,400 cfs through Lake Milner is needed to provide a safe dilution. This condition exists even after extensive installations of sewage treatment plants by industry and cities. In many years American Falls reservoir cannot

be filled if the 1,400 cfs is released throughout the storage season. In order to fill American Falls in 1961 the mean flow of Snake River near Minidoka was cut to 287 cfs for February and 251 cfs for March. This resulted in serious pollution and a 100% fish kill in Lake Milner. The pressure to run higher winter flows for river dilution makes it increasingly important to waste as little water as possible in the spring and have it in storage to permit higher flows during the winter period.

EXPENDITURES DURING YEAR ENDING SEPTEMBER 30, 1962

Engineers and Hydrographers:

H. C. Eagle	Salary, Oct.-Sept. (1 yr)	\$ 9,889.60
A. L. Larson	Salary, Oct.-Sept. "	8,570.08
R. W. Harper	Salary, Oct.-Sept. "	5,094.70
O. P. Mortensen	Salary, 5 mo. @ \$430 mo.	2,150.00
Oleen Dummer	Salary, 1 yr. @ \$420 & \$430 mo.	2,388.50
A. H. Bush	Salary, 2.84 mo. @ \$430 mo.	1,220.00
A. W. Wilson	Salary, 4.11 mo. @ \$430 mo.	1,766.50

Clerk:

Charlotte E. Wood	Salary, Oct.-Sept. (1 yr)	5,345.60
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River Riders:

D. R. Anthony	79 days @ \$12.50 incl. mileage	987.50
J. M. Brown	78 days @ \$12.50 incl. mileage	975.00
J. A. Balmforth	43 days @ \$13.50 incl. mileage	580.50
C. J. Anderson	80 days @ \$12.50 incl. mileage	1,000.00
David Peterson	81 days @ \$14.00 incl. mileage	1,134.00
L. C. Anderson	81 days @ \$17.00 incl. mileage	1,377.00
S. B. Garrett	81 days @ \$17.00 incl. mileage	1,377.00
Elmer Lenz	82 days @ \$120 mo. incl. mileage	
	38½ hrs. @ \$2.00 incl. mileage	397.25
Seth L. Hansen	404 hrs. @ \$2.00 incl. mileage	808.00

Miscellaneous:

Transportation, 5,345 mi. @ 9½¢ mile	3,446.18
29,384 mi. @ 10¢ mile	2,092.08
Transportation, Government car, 1 year	874.44
Telephone and Telemark	2,571.88
Supplies and Equipment	2,088.64
Office machines	

Expenditures during year ending September 30, 1962, continued

Miscellaneous (continued):

Gage Readers	
Bond Premium & Ins. (incl. Hospital & Life)	\$ 683.50
Interest	576.90
Social Security	66.08
Employment Security	348.76
S. George Pilcher - construction work	363.85
Construction and repairs	360.00
Subsistence	2,544.04
Groundwater Investigations	497.90
Postage	1,500.00
Retirement Fund (Federal)	399.01
Government Travel Expense - R. W. Harper	1,864.73
Government Travel Expense - A. L. Larson	488.20
	339.25
TOTAL	\$66,166.67

Expenditures from various funds

Consolidated State repay and Federal accounts	\$32,670.48
Waterusers Funds	33,496.19
TOTAL	\$66,166.67

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$577.00 for services at \$10.00 per day and expenses, which was pro-rated among upper valley canals.

Funds on hand September 30, 1962:

Federal and State accounts	
(Fiscal year begins July 1)	\$22,096.00
Water District funds	-3,877.87*
Total	\$18,218.13

* Waterusers operating funds are collected after October 1 of each year. With operating costs increasing each year and assessments made on past year's costs, there is always a deficit at the end of September. The balance on hand on December 31, 1962, is \$11,618.08.

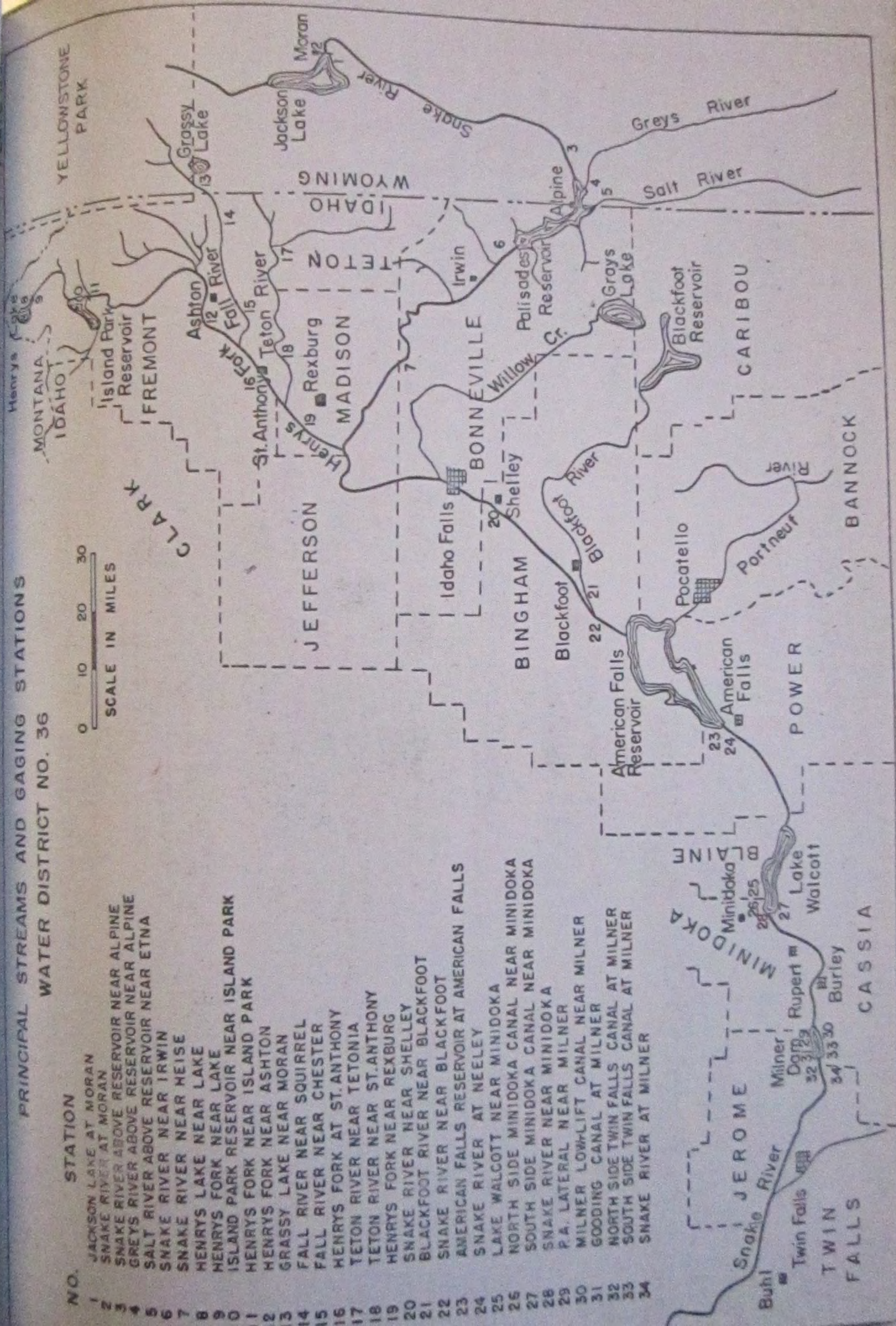
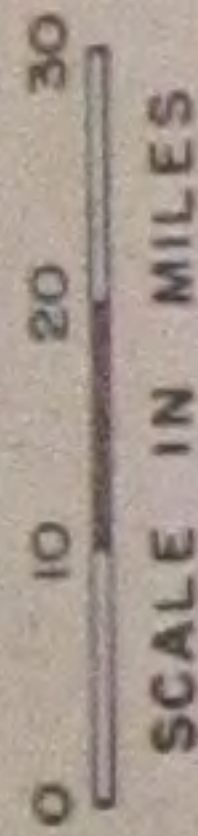
The financial report this year was prepared to correspond with the rest of the report, that is, on a water year basis (October 1 - September 30).

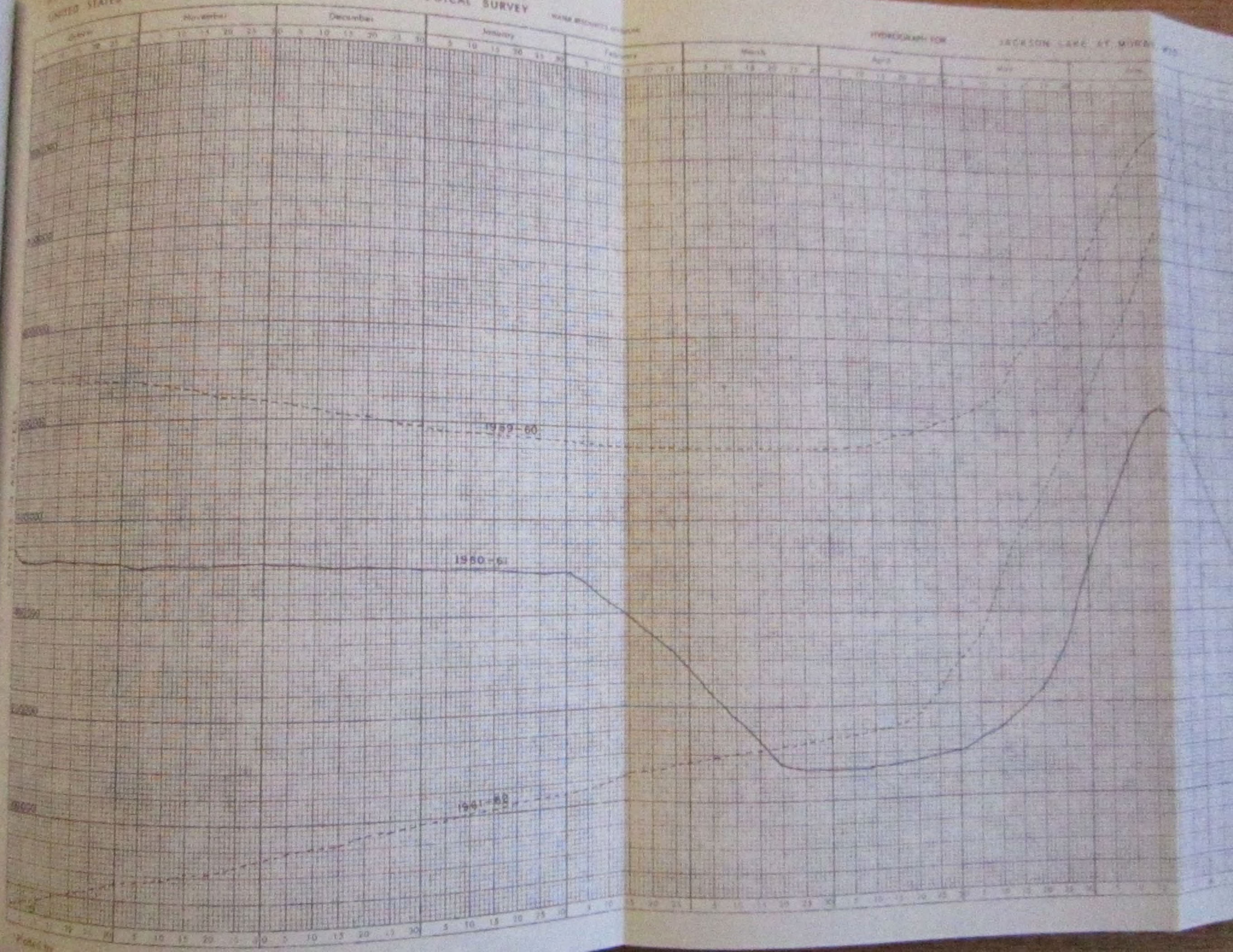
Federal funds provided are for the operation of 65 stream flow gaging stations which are located within and near the boundaries of Water District 36.

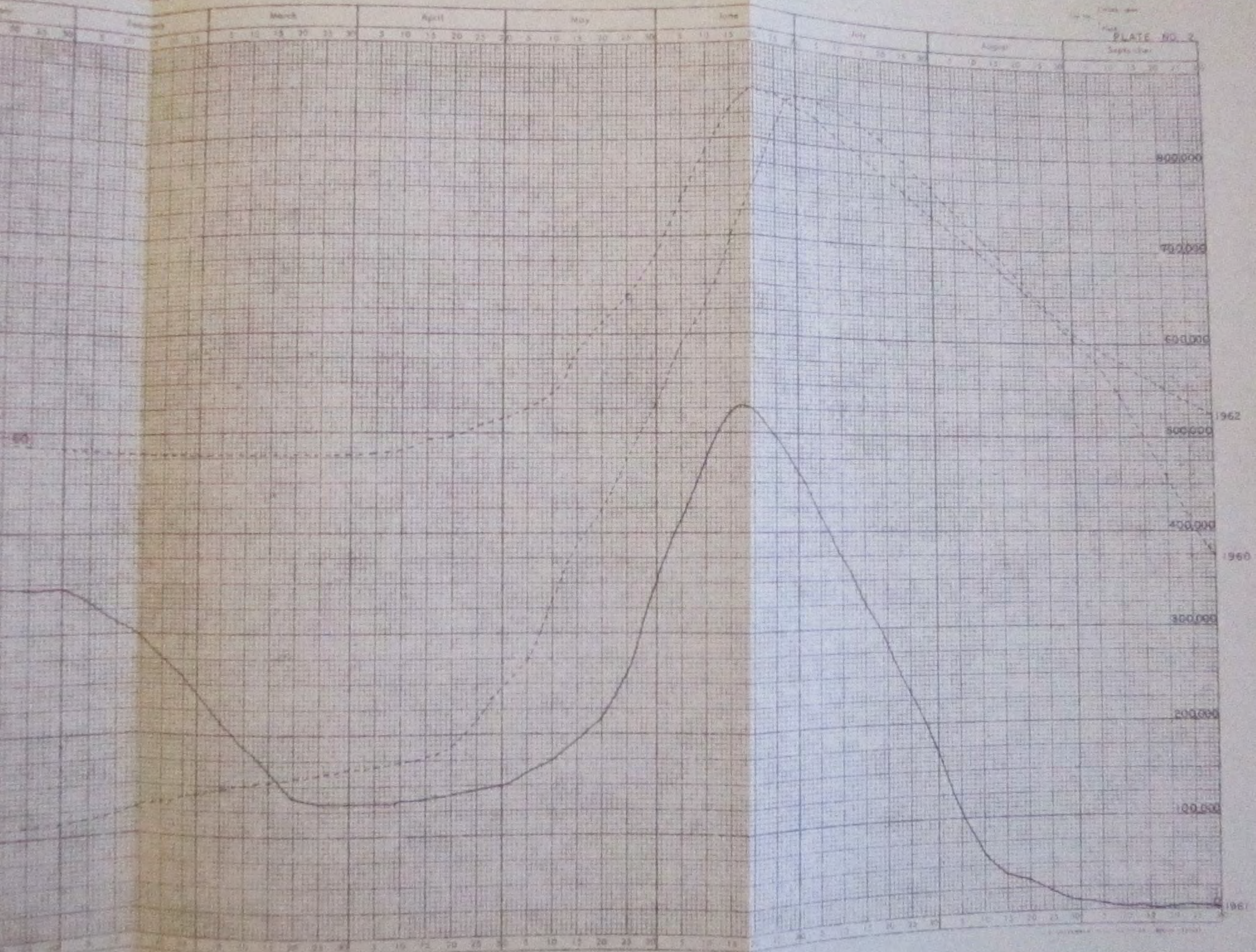
PRINCIPAL STREAMS AND GAGING STATIONS

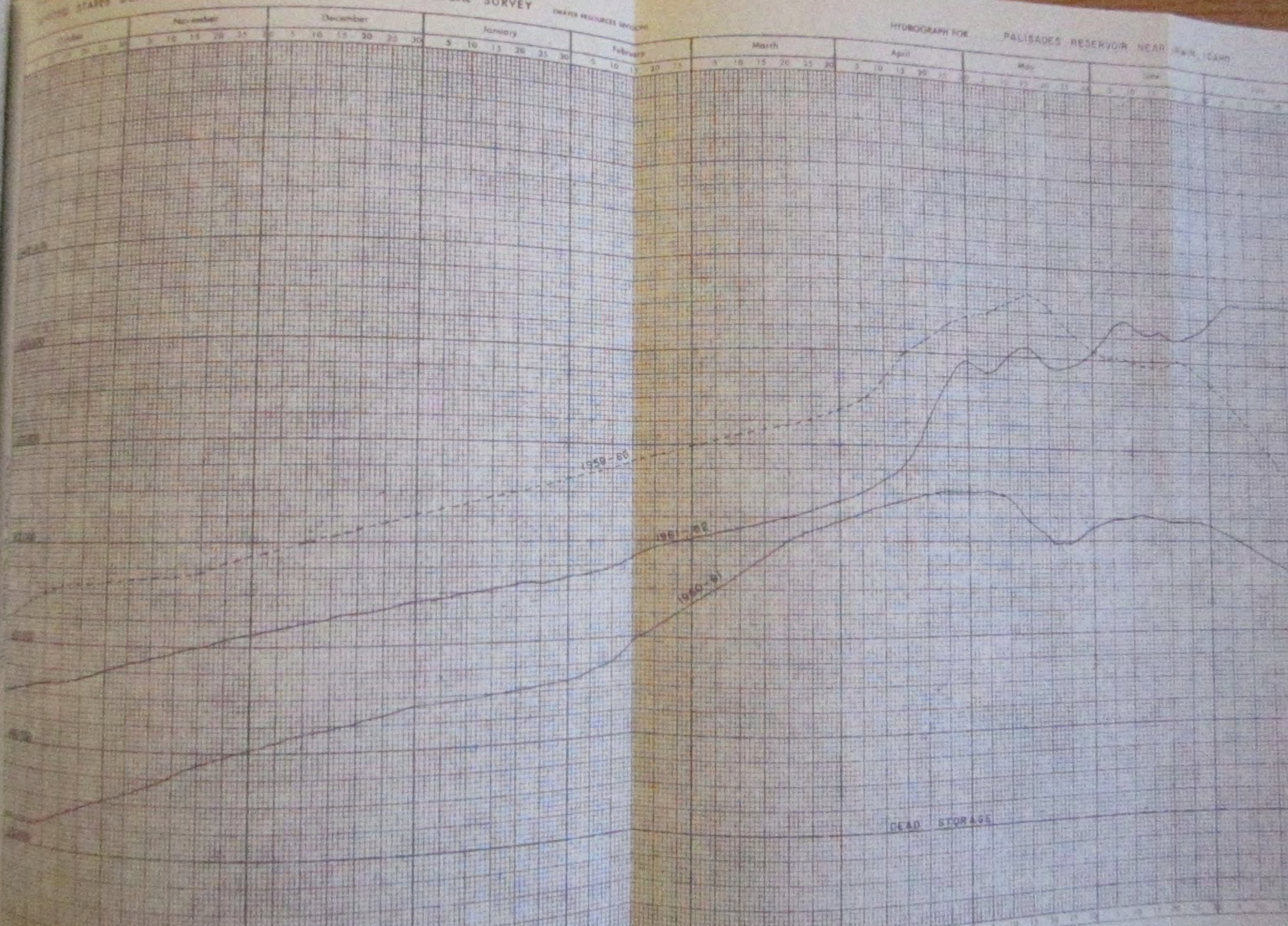
WATER DISTRICT NO. 36

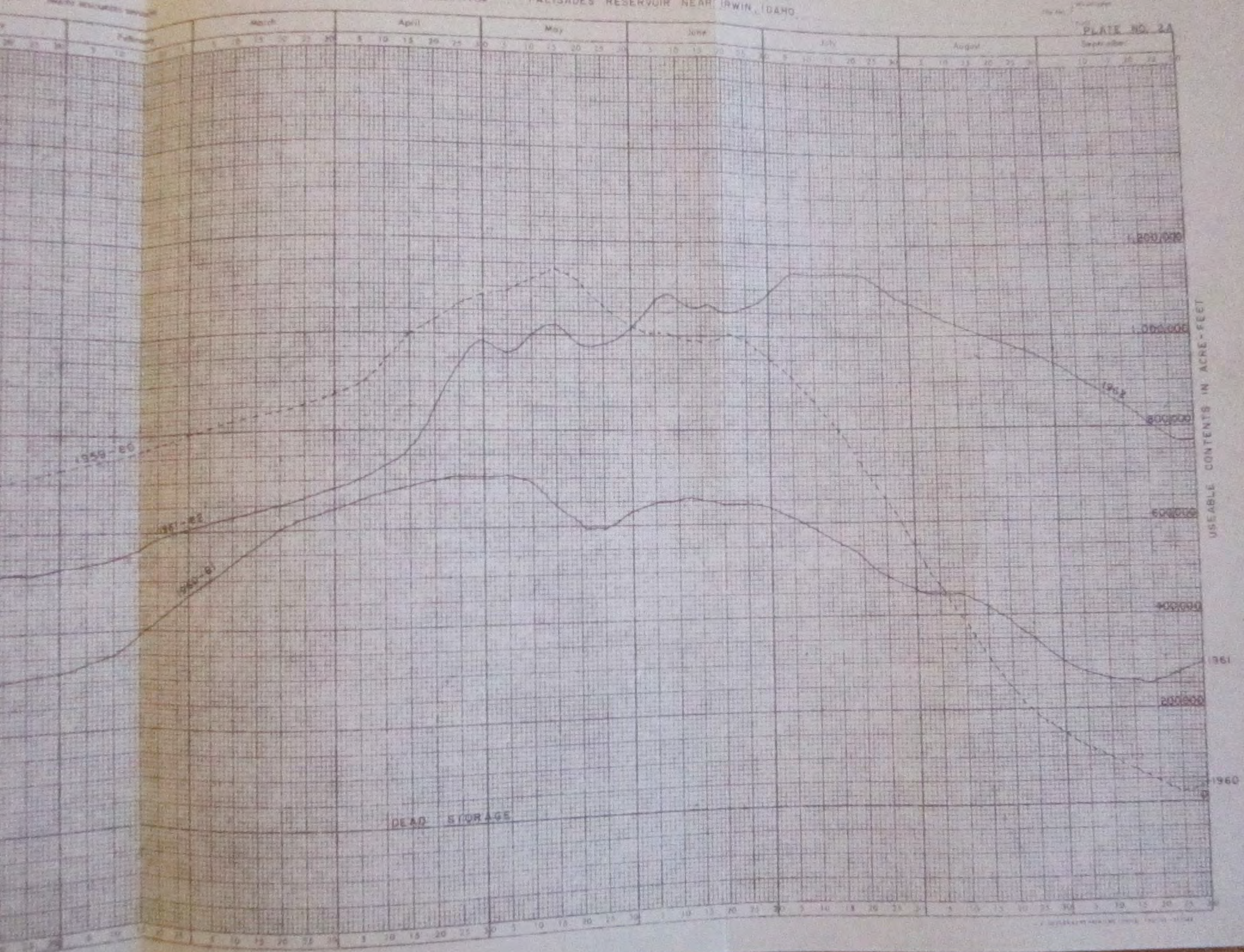
NO.	STATION
1	JACKSON LAKE AT MORAN
2	Snake River above reservoir near alpine
3	Greys River above reservoir near alpine
4	Salt River above reservoir near etna
5	Snake River near Irwin
6	Snake River near Heise
7	Henrys Lake near Lake
8	Henrys Fork near Lake
9	Island Park Reservoir near Island Park
10	Henrys Fork near Island Park
11	Henrys Fork near Ashton
12	Grassy Lake near Moran
13	Fall River near Squirrel
14	Fall River near Chester
15	Henrys Fork at St. Anthony
16	Teton River near Teton
17	Teton River near St. Anthony
18	Henrys Fork near Rexburg
19	Snake River near Shelley
20	Blackfoot River near Blackfoot
21	Snake River near Blackfoot
22	American Falls Reservoir at American Falls
23	Snake River at Neeley
24	Lake Walcott near Minidoka
25	North side Minidoka Canal near Minidoka
26	South side Minidoka Canal near Minidoka
27	Snake River near Minidoka
28	P.A. Lateral near Milner
29	Milner Low-Lift Canal near Milner
30	Gooding Canal at Milner
31	North side Twin Falls Canal at Milner
32	South side Twin Falls Canal at Milner
33	Snake River at Milner
34	

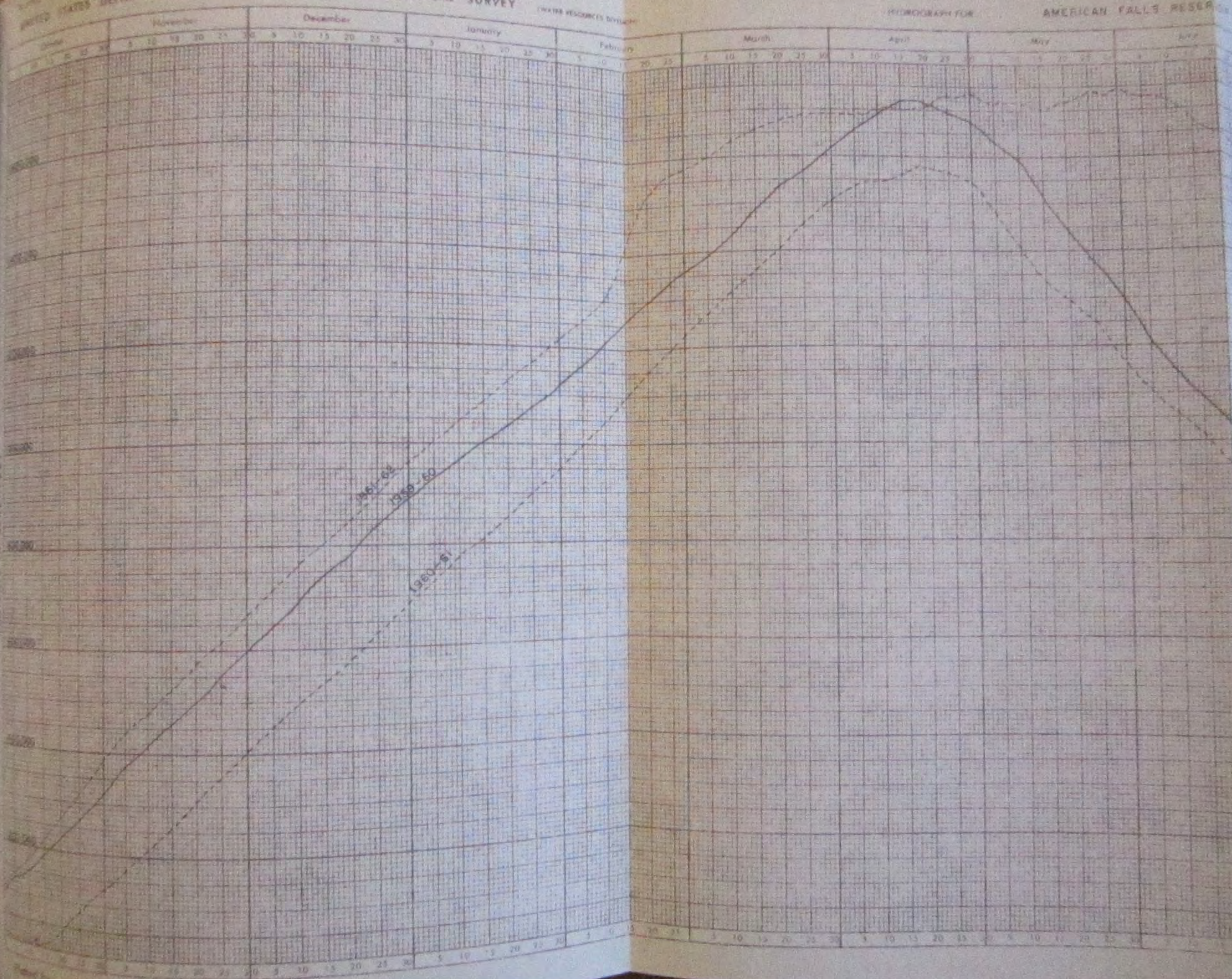


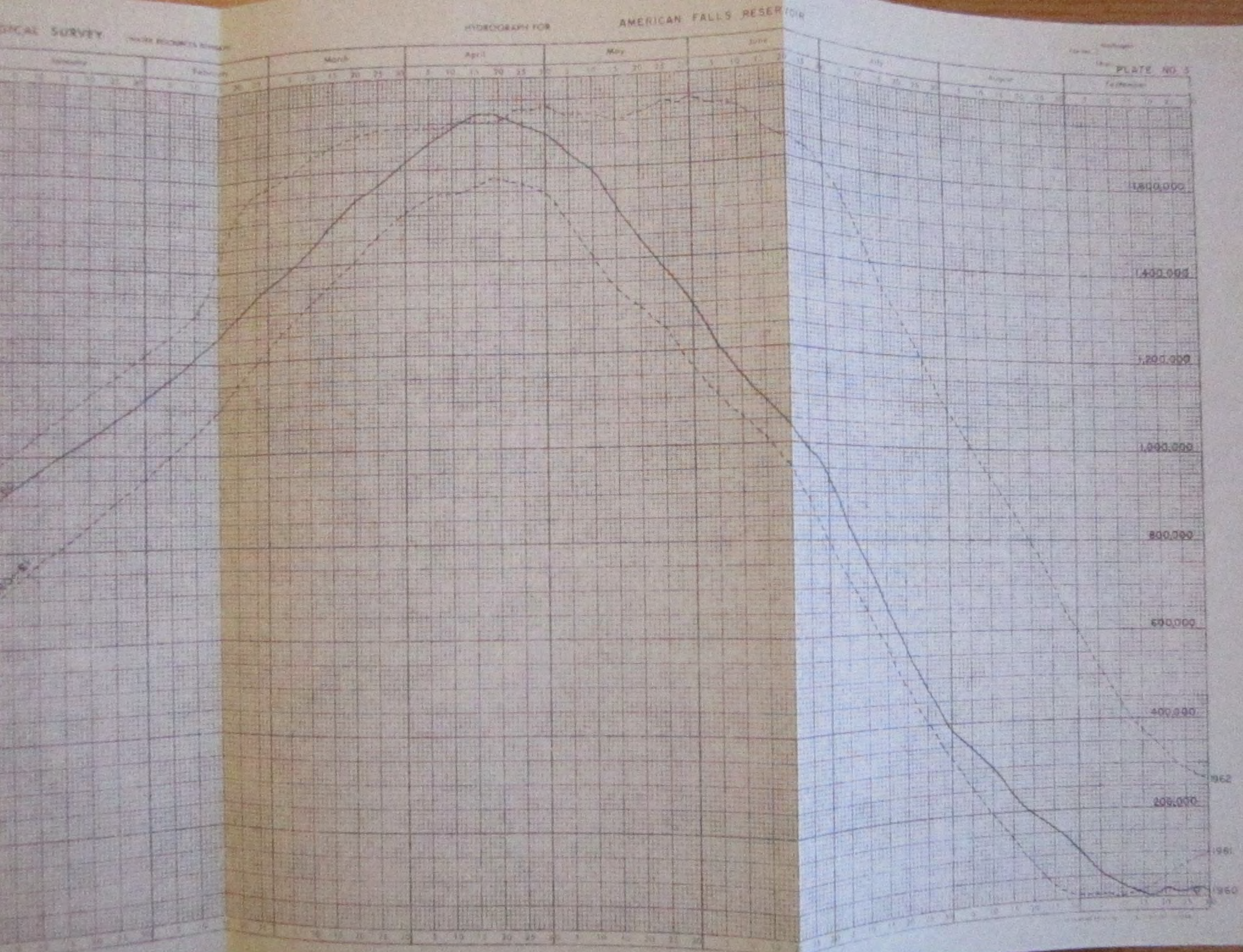




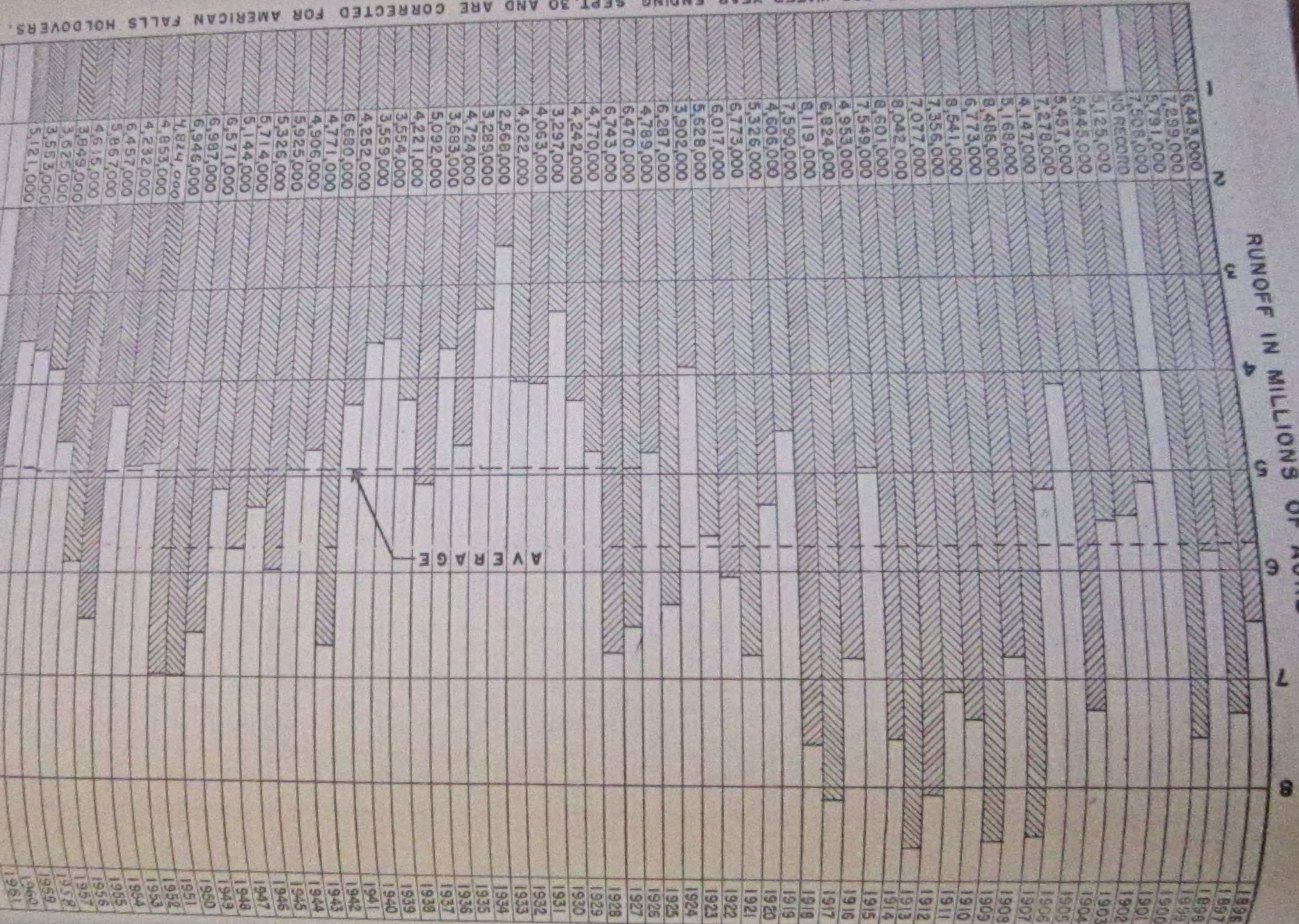






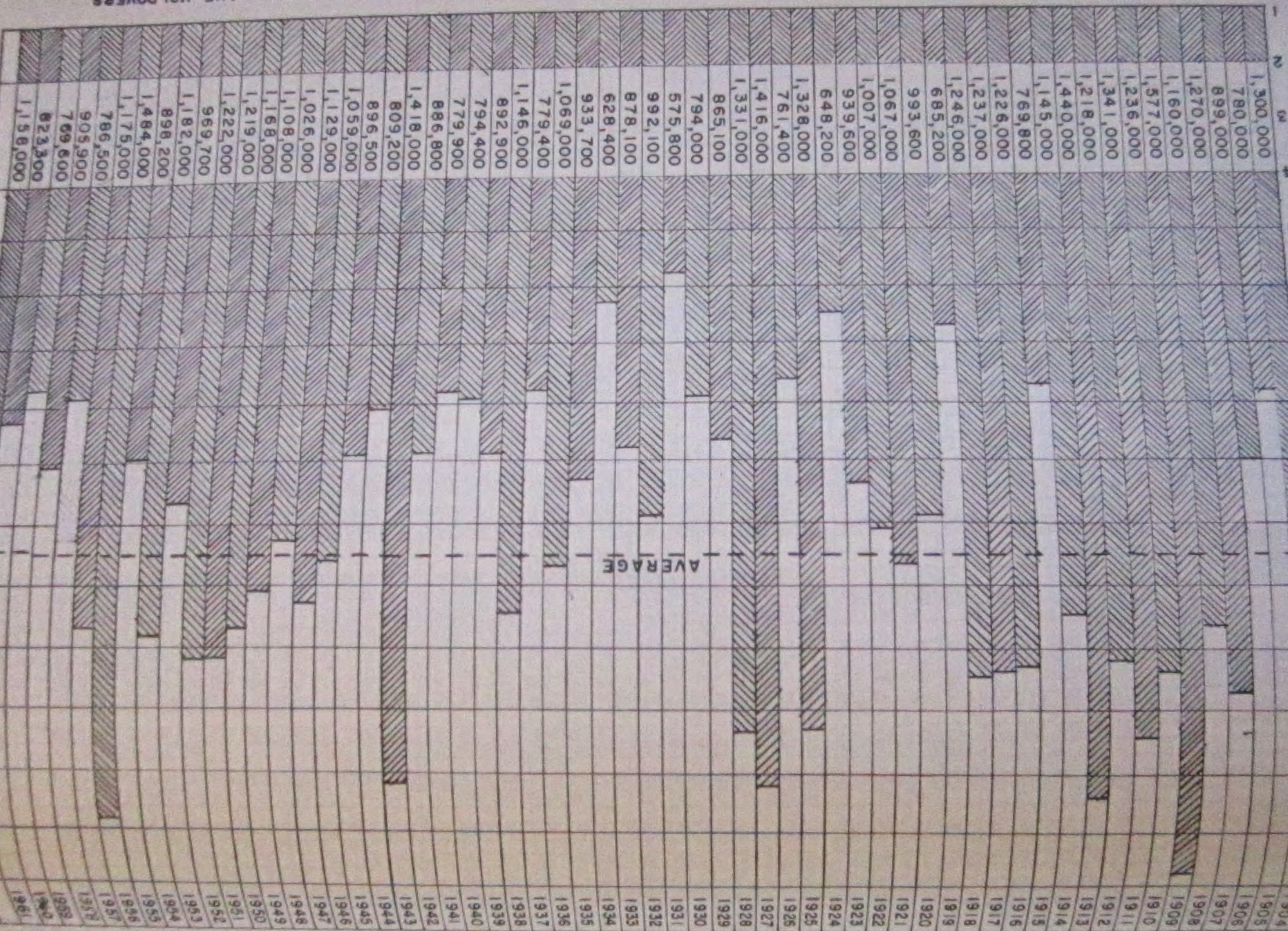


ANNUAL RUNOFF OF SNAKE RIVER AT NEELEY, IDAHO



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

RUNOFF IN HUNDREDS OF THOUSANDS OF ACRE-Feet



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

ANNUAL RUNOFF OF SNAKE RIVER AT MORAN, WYO.

DAILY DISCHARGE IN SECOND- FEET OF SNAKE RIVER CANALS									
DATE	1	2	3	4	5	6	7	8	9
ANDERSON	0	8	10	24	15	12	10	12	15
EAGLE ROCK	0	123	134	134	134	134	134	134	134
FARMERS FRIEND	0	82	326	344	362	379	397	415	433
NELSON	0	184	326	344	362	379	397	415	433
WATSON - CRAIG	0	0	2	4	5	5	5	5	5
TRANSBARGER	0	0	0	0	0	0	0	0	0
WILDER ISLAND	0	10	20	20	30	34	34	34	34
ROSS & RAND	0	10	20	20	30	34	34	34	34
TELE	0	0	0	0	0	0	0	0	0
ARRISON	100	170	200	220	230	245	263	285	310
HENRY	0	0	0	0	0	0	0	0	0
DOVER	0	0	0	0	0	0	0	0	0
JOY	10	24	33	36	54	57	51	41	58
LEE & NORD	346	346	445	493	615	609	756	818	800
LARK & EDWARDS	10	20	25	30	38	46	54	62	72
POWDER & JENNINGS	0	10	15	20	21	38	54	71	10
AST LABELLE	56	60	65	64	63	82	102	116	130
UNNYDELL	0	0	0	0	0	0	0	0	0
ENROOT	0	0	0	0	0	0	0	0	0
FEID	0	0	0	0	0	0	0	0	0
TEXAS FEEDER	0	0	0	0	0	0	0	0	0
NELSON COREY	0	0	0	0	0	0	0	0	0
MILL PETTINGER	0	0	0	0	0	0	0	0	0
RIGBY	0	0	0	0	0	0	0	0	0
ISLAND	0	0	0	0	0	0	0	0	0
DILLS	0	0	0	0	0	0	0	0	0
WEST LABELLE BLOWN ISLAND	0	50	100	150	200	250	300	350	400
PARKS & LEWISVILLE	0	14	40	42	44	46	48	49	54
NORTH RIGBY	0	14	40	42	44	46	48	49	54
WHITE	0	14	40	42	44	46	48	49	54
ELLIS	0	0	0	0	0	0	0	0	0
BRAMWELL	0	0	0	0	0	0	0	0	0
BUTTE & MARKET LAKE	0	0	0	0	0	0	0	0	0
OSGOOD	0	0	0	0	0	0	0	0	0
BEAR ISLAND & SMITH	0	0	0	0	0	0	0	0	0
KENNEDY	0	0	0	0	0	0	0	0	0
IDAHO	150	279	312	345	345	345	345	345	345
GREAT WESTERN	0	0	0	0	0	0	0	0	0
PORTER	0	0	0	0	0	0	0	0	0
COY & KELLER	0	0	0	0	0	0	0	0	0
WOODVILLE	0	0	0	0	0	0	0	0	0
SNAKE RIVER VALLEY	0	0	0	0	0	0	0	0	0
TOTAL HEISE TO SHELLEY	672	913	1395	1830	2659	2843	3465	4696	5623
RESERVATION	0	0	0	0	0	0	0	0	0
BLACKFOOT	0	0	0	0	0	0	0	0	0
NEW LAVA SIDE	0	0	0	0	0	0	0	0	0
PEOPLES	0	0	0	0	0	0	0	0	0
ABERDEEN	260	416	454	469	493	549	667	781	866
COBBETT	0	0	0	0	0	0	0	0	0
NIELSEN - HANSEN	0	0	0	0	0	0	0	0	0
RIVERSIDE	115	112	109	108	126	145	160	176	180
DANSHIN	0	0	0	0	0	0	0	0	0
WEAVERICK	0	0	0	0	0	0	0	0	0
WATSON	0	0	0	0	0	0	0	0	0
PARSONS	20	30	40	50	47	47	47	47	47
TOTAL SHELLEY TO BLACKFOOT	395	727	1094	1423	1612	1794	2366	2906	3569

NAME OF CANAL		DAILY DISCHARGE IN SECOND- FEET OF SNAKE RIVER CANALS		JUNE 1952	
RILEY	1	2	3	4	5
ANDERSON	15	18	15	16	15
EAGLE ROCK	191	194	195	191	194
ARMERS FRIEND	400	404	408	404	408
WATERPRISE	273	260	248	248	248
ELSON	136	131	139	141	130
ATLISON - CRAIG	2	4	4	4	4
BRNSBERGER	0	0	0	0	0
UTLER ISLAND	50	49	47	46	44
ROSS & RAND	10	10	10	10	10
TEELE	10	10	10	10	10
ARRISON	438	597	520	467	364
JENNY	2	4	6	8	8
JOY	139	162	170	146	145
TE & NORD	46	46	50	55	54
INGRESS	682	727	731	735	656
ARK & EDWARDS	63	62	62	68	74
OWDER & JENNINGS	57	56	55	54	53
ST LABELLE	94	95	96	97	98
UNNYDELL	185	185	181	185	181
ENHOOT	108	108	131	138	159
EID	187	208	209	166	164
EXAS FEEDER	290	292	283	300	300
ELSON COREY	290	292	283	300	300
ILL PETTINGER	137	142	148	149	150
IGBY	137	142	148	149	150
SLAND	166	166	166	166	166
ILTS	25	25	26	26	27
WEST LABELLE & LONG ISLAND	545	545	540	540	530
ARKS & LEWISVILLE	238	272	272	240	240
NORTH RIGBY	44	45	45	46	46
WHITE	44	45	45	46	46
ELLIS	3	3	3	4	4
BRAMWELL	9	9	8	7	7
BUITE & MARKET LAKE	267	287	304	320	324
OSGOOD	54	54	54	54	54
BEAR ISLAND & SMITH	3	3	3	0	0
KENNEDY	35	35	36	36	37
IDAHO	593	579	579	534	493
GREAT WESTERN	369	367	365	363	362
PORTER	177	177	177	177	177
COY & KELLER	69	74	75	75	78
WOODVILLE	542	528	512	496	480
SNAKE RIVER VALLEY	664	626	673	657	631
TOTAL HEISE TO SHELLEY	0	0	163	198	132
RESERVATION	0	0	163	198	132
BLACKFOOT	179	246	312	286	260
NEW LAVA SIDE	112	123	140	142	144
PEOPLES	398	414	431	431	437
ABERDEEN	916	912	933	947	975
COBBETT	130	129	165	169	194
NIELSEN - HANSEN	10	10	10	10	10
RIVERSIDE	117	125	133	138	142
DANSHIN	208	222	222	220	235
TRIGO	57	56	55	53	52
WEAVERICK	51	54	56	58	60
WATSON	93	89	89	91	103
PARSONS	38	37	42	44	47
TOTAL SHELLEY TO BLACKFOOT	209	241	275	275	275

NAME OF CANAL		DAILY DISCHARGE IN SECOND FEET OF SNAKE RIVER CANALS	
DATE	TIME	DISCHARGE	REMARKS
1907	12	15	14
1907	13	15	14
1907	14	15	14
1907	15	15	14
1907	16	15	14
1907	17	15	14
1907	18	15	14
1907	19	15	14
1907	20	15	14
1907	21	15	14
1907	22	15	14
1907	23	15	14
1907	24	15	14
1907	25	15	14
1907	26	15	14
1907	27	15	14
1907	28	15	14
1907	29	15	14
1907	30	15	14
1907	31	15	14
1907	32	15	14
1907	33	15	14
1907	34	15	14
1907	35	15	14
1907	36	15	14
1907	37	15	14
1907	38	15	14
1907	39	15	14
1907	40	15	14
1907	41	15	14
1907	42	15	14
1907	43	15	14
1907	44	15	14
1907	45	15	14
1907	46	15	14
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1907	89	15	14
1907	90	15	14
1907	91	15	14
1907	92	15	14
1907	93	15	14
1907	94	15	14
1907	95	15	14
1907	96	15	14
1907	97	15	14
1907	98	15	14
1907	99	15	14
1907	100	15	14

DAILY DISCHARGE IN SECOND FEET OF SNAKE RIVER CANALS									
PART OF CANAL									
ANDERSON	31	30	30	32	32	32	32	32	32
EAGLE ROCK	376	363	362	372	383	378	386	391	397
FARMERS FRIEND	737	742	741	729	718	706	694	682	670
ENTERPRISE	332	334	335	401	405	403	396	396	398
NELSON	181	181	181	181	181	181	181	181	181
MATSON-CRAIG	9	6	4	4	6	11	16	23	23
ARNESBERGER	49	49	49	47	45	46	46	42	40
BUTLER ISLAND	49	49	49	47	45	46	46	42	40
ROSS & RAND	3	5	5	5	4	6	6	4	4
STEELE	8	8	8	7	5	5	5	5	5
HARRISON	539	563	560	537	523	562	576	599	624
CHENEY	6	7	7	6	6	7	8	7	7
BOOMER	187	183	181	174	163	162	201	205	179
RUDY	73	74	72	69	79	75	84	89	69
KITE & NORD	6	6	6	8	8	8	8	8	7
BURGESS	1010	994	999	994	994	999	999	999	999
CLARK & EDWARDS	72	71	73	66	74	83	73	73	78
LOWDER & JENNINGS	53	50	50	47	53	60	66	64	62
EAST LABELLE	114	132	132	110	111	121	125	129	124
SUNNYDELL	99	138	160	159	168	168	179	148	101
LENROOT	86	120	120	131	111	107	116	101	107
REID	170	184	200	210	53	0	196	210	216
TEXAS FEEDER	186	181	279	288	284	294	283	280	271
NELSON COREY	0	17	12	10	9	9	9	10	11
HILL PETTINGER	5	5	4	4	4	6	9	9	6
RIGBY	199	190	187	180	0	220	223	244	190
ISLAND	200	192	192	180	186	196	188	218	173
DILLS	26	27	28	24	25	28	28	29	27
WEST LABELLE & LONG ISLAND	452	452	495	174	489	520	508	508	487
PARKS & LEWISVILLE	367	367	367	287	0	352	341	352	347
NORTH RIGBY	47	47	54	50	42	46	22	52	52
WHITE	47	47	54	50	42	46	22	52	52
ELLIS	2	1	0	2	8	6	6	5	4
BRAMWELL	11	12	13	12	10	9	10	12	6
BUTTE & MARKET LAKE	313	297	330	337	343	324	320	317	337
OSGOOD	110	114	118	114	110	107	108	107	98
BEAR ISLAND & SMITH	4	5	4	2	0	1	3	3	3
KENNEDY	57	54	52	50	48	47	54	41	46
IDAHO	1100	1130	1110	1030	935	940	1080	1020	949
GREAT WESTERN	574	584	579	569	548	546	530	520	519
PORTER	323	314	319	318	316	314	316	306	312
COY & KELLER	83	81	80	79	77	92	95	94	95
WOODVILLE	732	684	620	617	626	638	622	696	721
SNAKE RIVER VALLEY	894	9017	9144	8588	8269	8674	8952	9202	9087
TOTAL HEISE TO SHELLEY	894	9017	9144	8588	8269	8674	8952	9202	9087
RESERVATION	528	339	325	321	332	121	202	459	534
BLACKFOOT	275	267	265	291	299	189	183	179	177
NEW LAVA SIDE	154	158	149	162	162	161	150	137	124
PEOPLES	497	510	510	500	519	532	467	467	467
ABERDEEN	1319	1350	1330	1280	1250	1160	1070	1070	1050
CORBETT	192	181	101	149	154	134	132	157	155
NIELSEN-HANSEN	15	13	13	13	12	12	11	11	11
RIVERSIDE	111	107	103	106	114	102	119	112	112
DANSKIN	199	206	203	196	197	186	182	186	186
TRIGO	56	0	0	83	78	69	68	62	51
WEAVERICK	56	58	54	55	62	58	55	56	57
WATSON	103	94	86	89	117	117	88	87	90
PARSONS	41	40	39	37	40	41	42	37	37
TOTAL SHELLEY TO BLACKFOOT	3537	3323	3178	3282	3376	2855	2769	3010	3071

[illegible]

[illegible]

INFLOW TO AMERICAN

BETWEEN BLACKFOOT AND NEELEY STATIONS
24-HOUR SECOND- FEET

J U N E

JULY

[illegible]

AND NEELEY STATIONS
SECOND - FEET

80,748

80,748

AUGUST																															SEPTEMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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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 IN FLOW HENRYS FORK	HEISE TO SHEL	
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		STORED LOSS	STORED
MAY 31	530,000	0	12	12	0	JUNE 1	0	8,370	8,370	1,223	0	7,880	7,880								
JUNE 1	541,020	0	13	13	0	2	0	9,210	9,210	1,233	0	8,040	8,040			0	8,735	8,735			
2	553,190	0	15	15	0	3	0	10,000	10,000	1,245	0	8,040	8,040			0	9,095	9,095			
3	568,850	0	17	17	0	4	0	10,700	10,700	1,258	-1,656	9,666	8,010	-13		0	9,276	9,276			
4	580,070	0	19	19	0	5	0	9,890	9,890	1,272	-1,241	9,571	8,330	-10		-1,643	10,879	9,236		-82	
5	590,510	0	14	14	0	6	0	8,710	8,710	1,280	-2,126	11,506	9,380	-17		-1,231	10,366	9,135		-61	
6	600,000	0	14	14	0	7	0	7,920	7,920	1,284	-2,020	12,320	10,300	-16		-2,109	12,527	10,418		-105	
7	607,540	0	13	13	0	8	0	7,140	7,140	1,285	-504	12,304	11,800	-4		-2,004	13,222	11,218		-28	
8	614,320	-2,373	-2,385	12	-40	9	-2,333	9,253	6,920	1,290	188	12,812	13,000	2		-500	12,820	12,320		-24	
9	621,490	-2,898	-2,900	12	-49	10	-2,839	10,409	7,570	1,273	690	13,110	13,800	6		186	13,434	13,620		9	
10	630,130	-4,086	-4,098	12	-69	11	-4,017	12,807	8,790	1,267	-992	15,492	14,500	-8		684	13,632	14,316		34	
11	633,990	-2,317	-2,329	12	-40	12	-2,277	12,277	10,000	1,264	-804	16,404	15,600	-6		-984	15,903	14,919		-49	
12	653,970	-2,827	-2,871	44	-48	13	-2,779	13,879	11,100	1,260	-762	16,762	16,000	-6		-798	16,619	15,821		-40	
13	668,500	-162	-218	56	-3	14	-159	12,459	12,300	1,260	-159	16,159	16,000	-1		-756	17,181	16,425		-38	
14	694,570	0	60	60	0	15	0	12,400	12,400	1,262	-1,008	17,008	16,000	-8		-158	16,584	16,426		-8	
15	697,500	0	86	86	0	16	0	11,700	11,700	1,263	-504	16,504	16,000	-4		-1,000	17,430	16,430		-49	
16	708,280	0	90	90	0	17	0	10,600	10,600	1,261	1,008	14,992	16,000	8		-500	16,921	16,421		-24	
17	720,090	-390	-486	76	-7	18	-383	10,583	10,200	1,257	1,008	14,992	16,000	8		1,000	15,422	16,422		49	
18	730,210	-1,033	-1,105	72	-18	19	-1,015	11,915	10,900	1,252	1,634	14,466	16,100	13		1,621	14,798	16,419		81	
19	742,330	0	72	72	0	20	0	11,800	11,800	1,250	1,506	14,594	16,100	12		1,494	14,925	16,419		74	
20	754,500	0	86	86	0	21	0	12,200	12,200	1,249	1,008	15,092	16,100	8		1,000	15,419	16,419		49	
21	766,450	0	84	84	0	22	0	12,000	12,000	1,250	504	15,596	16,100	4		500	15,820	16,320		24	
22	778,210	0	183	183	0	23	0	12,200	12,200	1,253	-504	15,604	15,100	-4		-500	16,127	15,627		-24	
23	791,250	0	254	254	0	24	0	12,200	12,200	1,256	-1,513	15,713	14,200	-12		-1,501	16,029	14,528		-73	
24	801,820	0	265	265	0	25	0	12,300	12,300	1,259	-1,513	15,813	14,300	-12		-1,501	16,028	14,427		-73	
25	813,950	0	269	269	0	26	0	12,400	12,400	1,263	-2,017	16,317	14,300	-16		-2,001	16,429	14,428		-98	
26	825,090	-1,035	-1,465	430	-18	27	-1,017	13,717	12,700	1,266	-2,530	15,630	13,100	-20		-2,510	16,338	13,826		-125	
27	836,030	0	897	897	0	28	0	12,800	12,800	1,274	-4,033	16,233	12,200	-32		-4,001	16,426	12,426		-195	
28	844,680	0	2,030	2,030	0	29	0	13,300	13,300	1,282	-4,033	16,133	12,100	-32		-4,001	16,426	12,426		-195	
29	847,740	0	3,580	3,580	0	30	0	13,300	13,300	1,292	-5,042	17,142	12,100	-40		-5,002	17,427	12,425		-244	
30	848,250	0	4,240	4,240	0	JULY 1	0	13,000	13,000	1,300	-4,033	16,033	12,000	-32		-4,001	16,426	12,426		-195	
JULY 1	848,510	0	3,720	3,720	0	2	0	12,300	12,300	1,309	-4,538	15,738	11,200	-36		-4,502	16,629	12,127		-220	
2	849,020	0	3,600	3,600	0	3	0	11,800	11,800	1,318	-4,538	15,038	10,600	-36		-4,502	16,717	11,215		-220	
3	849,280	0	3,600	3,600	0	4	0	11,200	11,200	1,326	-4,033	14,533	10,500	-32		-4,001	15,214	11,213		-195	
4	849,250	0	3,170	3,170	0	5	0	10,200	10,200	1,331	-1,513	12,613	11,100	-12		-1,501	12,921	11,420		-73	
5	849,000	580	3,250	3,250	10	6	570	10,100	10,100	1,333	-438	12,808	11,900	-4		-434	12,762	12,328		-21	
6	849,720	580	3,440	3,440	10	7	570	10,200	10,200	1,335	-438	12,908	11,900	-4		-434	12,958	12,424	37	-21	
7	849,700	730	2,690	3,420	12	8	718	9,382	10,100	1,336	214	12,286	12,600	2		212	12,613	12,825	48	10	
8	849,820	730	2,680	3,410	12	9	718	9,202	9,920	1,336	718	11,882	12,600	6	5	707	12,317	13,024	43	36	
9	849,390	1,330	2,080	3,410	23	10	1,307	8,353	9,660	1,335	1,811	10,889	12,700	14	5	1,792	11,332	13,124	158	87	
10	849,100	1,330	2,100	3,430	23	11	1,307	8,103	9,410	1,333	2,315	10,285	12,600	19	10	2,286	10,837	13,123	250	112	
11	847,810	1,280	2,150	3,430	22	12	1,258	7,922	9,180	1,331	2,266	10,034	12,300	18	10	2,238	10,476	12,714	184	108	
12	846,280	1,200	2,230	3,430	20	13	1,180	8,450	9,630	1,332	876	11,724	12,400	5	10	661	12,161	12,822	189	30	
13	843,880	260	3,220	3,480	4	14	258	9,944	10,200	1,333	-248	12,448	12,200	-2	10	-256	13,080	12,824	501	-13	
14	843,470	1,020	2,460	3,480	18	15	1,012	9,448	9,460	1,334	508	12,308	11,800	4	10	494	11,827	12,321	58	24	
15	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
16	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
17	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
18	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
19	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
20	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
21	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
22	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
23	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
24	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
25	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
26	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
27	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
28	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
29	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
30	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695	11,795	11,100	6	10	679	11,038	11,717	-6	33	
JULY 31	842,420	1,220	2,260	3,470	21	16	1,199	7,671	8,870	1,335	695										

OF DATA AT AND BETWEEN SNAKE RIVER GAGING STA

24 HOUR SECOND- FEET EXCEPT AS NOTED

NEELEY TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY		DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-Feet	SNAKE RIVER AT NEELEY			LAKE WALLCOTT CONTENTS ACRE-Feet
STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS				STORED	NORMAL	TOTAL	CALCULATED INFLOW	STORED DIVERSIONS			STORED	NORMAL	TOTAL	
		JUNE 2	0	8,830	8,830	0		0	JUNE 3	0	4,520	4,520	2,867		JUNE 4	1,728	0	7,850	7,850	100,200	
		3	0	6,930	6,930	0		0	4	0	4,720	4,720	2,875	19	5	1,728	0	7,850	7,850	99,780	
		4	0	7,460	7,460	0		0	5	0	5,300	5,300	2,882	27	6	1,730	0	9,090	9,090	97,380	
- 82		5	-1,561	9,431	7,870	- 94		- 1,467	6	-1,467	6,957	5,490	2,889	32	7	1,728	- 35	9,795	9,795	97,470	
- 61		6	-1,179	9,550	8,380	- 70		- 1,100	7	-1,100	7,150	6,050	2,806	35	8	1,728	444	9,956	10,122	97,400	
- 105		7	-2,004	11,224	9,220	-120		- 1,884	8	-1,884	8,094	6,210	2,772	38	9	1,725	334	10,866	11,224	97,550	
- 98		8	-1,906	10,986	9,080	-114		- 1,792	9	-1,792	7,392	5,500	2,730	40	10	1,720	1,278	10,122	11,224	97,550	
- 24		9	-476	9,486	9,010	- 29		- 447	10	- 447	5,637	5,190	2,718	41	11	1,713	3,447	9,353	11,326	97,250	
9		10	177	8,443	8,620	11		166	11	166	4,664	4,830	2,712	55	12	1,706	4,924	7,376	12,300	95,820	
34		11	650	7,730	8,380	39		611	12	611	4,671	4,060	2,705	61	13	1,698	5,124	7,376	12,500	96,390	
- 49		12	- 936	8,875	7,940	- 56		- 879	13	- 879	4,689	3,810	2,687	61	14	1,685	5,124	7,376	12,500	97,590	
- 40		13	- 758	8,798	8,040	-45		- 713	14	- 713	4,703	3,990	2,673	61	15	1,675	5,024	7,376	12,500	98,080	
- 38		14	- 718	8,958	8,240	-43		- 675	15	- 675	4,705	4,030	2,671	68	16	1,665	3,824	7,376	11,200	99,980	
- 8		15	- 180	8,500	8,350	- 9		- 141	16	- 141	4,701	4,560	2,675	74	17	1,658	3,024	7,376	10,400	99,230	
- 49		16	- 951	8,751	8,800	- 57		- 894	17	- 894	6,134	5,240	2,678	76	18	1,662	1,988	8,812	10,200	98,680	
- 24		17	- 476	9,876	9,400	- 29		- 447	18	- 447	6,577	6,130	2,686	77	19	1,647	1,716	9,084	10,200	97,840	
49		18	951	8,769	9,720	57		894	19	894	5,338	6,230	2,697	78	20	1,644	2,167	8,033	10,200	96,400	
81		19	1,640	8,140	9,680	92		1,448	20	1,448	4,682	6,130	2,694	79	21	1,642	2,824	7,376	10,200	96,400	
74		20	1,420	8,410	9,830	85		1,335	21	1,335	5,015	6,350	2,711	95	22	1,638	2,774	7,726	10,200	95,100	
49		21	951	9,249	10,200	57		894	22	894	6,036	6,930	2,702	102	23	1,636	2,162	8,738	10,900	94,700	
24		22	476	10,324	10,800	29		447	23	447	7,213	7,660	2,723	102	24	1,635	1,473	9,827	11,300	94,300	
- 24		23	- 476	10,976	10,500	- 29		- 447	24	- 447	7,507	7,060	2,757	102	25	1,632	1,448	10,154	11,600	94,100	
- 73		24	- 1,428	11,628	10,200	- 86		- 1,342	25	-1,342	8,382	7,040	2,762	102	26	1,627	1,936	10,864	12,400	93,700	
- 73		25	- 1,428	11,628	10,200	- 86		- 1,342	26	-1,342	7,832	6,490	2,758	102	27	1,621	2,608	10,492	13,000	93,300	
- 73		26	- 1,428	11,078	9,650	- 86		- 1,342	27	-1,342	7,352	6,010	2,690	102	28	1,614	3,158	10,042	13,200	93,100	
- 98		27	- 1,903	11,083	9,180	-114		- 1,789	28	-1,789	7,109	5,320	2,673	102	29	1,606	3,518	9,782	13,000	92,900	
- 123		28	- 2,385	10,455	8,070	-143		- 2,242	29	-2,242	6,032	3,790	2,694	102	30	1,596	4,274	8,728	13,000	92,900	
- 195		29	- 3,806	10,836	7,030	-228		- 3,578	30	-3,578	7,008	3,430	2,689	102	JULY 1	1,584	3,403	9,697	13,000	92,900	
- 185		30	- 3,806	10,836	7,030	-228		- 3,578	JULY 1	-3,578	7,218	3,640	2,696	102	2	1,572	3,386	9,914	13,000	92,900	
- 244		JULY 1	- 4,758	11,758	7,000	-285		- 4,473	2	-4,473	7,973	3,500	2,658	102	3	1,560	3,048	10,552	13,000	92,900	
- 195		2	- 3,806	10,686	6,860	-228		- 3,578	3	-3,578	6,578	3,000	2,657	102	4	1,547	4,368	9,235	13,000	92,900	
- 220		3	- 4,282	10,332	6,050	-257		- 4,025	4	-4,025	5,875	1,850	2,647	102	5	1,534	4,878	8,522	13,400	92,900	
- 220		4	- 4,282	9,472	5,190	-257		- 4,025	5	-4,025	5,395	1,370	2,641	102	6	1,517	5,264	6,036	13,500	92,900	
- 195		5	- 3,806	8,466	4,660	-228		- 3,578	6	-3,578	4,332	754	2,633	102	7	1,500	6,435	6,385	13,400	92,900	
- 73		6	- 1,428	5,918	4,490	- 86	307	- 1,649	7	-1,649	2,243	594	2,640	110	8	1,483	8,817	4,863	13,500	92,900	
- 21	591	7	- 804	5,274	4,470	- 48	539	- 1,295	8	-1,295	1,778	483	2,639	113	9	1,464	9,283	4,417	13,700	92,900	
- 21	1,856	8	- 2,242	6,552	4,310	-135	521	- 2,628	9	-2,628	3,044	416	2,642	113	10	1,445	4,714	5,596	10,800	92,900	
10	1,899	9	- 1,849	6,219	4,570	- 99	581	- 2,131	10	-2,131	2,577	446	2,625	113	11	1,429	7,596	5,202	12,300	92,900	
35	2,116	10	- 1,401	5,821	4,420	- 84	594	- 1,911	11	-1,911	2,246	335	2,615	113	12	1,410	11,639	4,861	16,300	92,900	
87	2,279	11	- 416	4,836	4,420	- 25	612	- 1,003	12	-1,003	1,378	375	2,611	113	13	1,386	10,911	3,989	14,800	92,900	
112	2,285	12	159	4,281	4,420	10	612	- 483	13	- 483	927	464	2,656	113	14	1,367	10,417	3,583	14,000	92,900	
109	2,217	13	96	4,754	4,650	6	623	- 533	14	- 533	2,273	1,740	2,875	113	15	1,349	9,052	4,348	14,000	92,900	
32	2,019	14	- 1,185	7,765	6,570	- 72	400	- 1,523	15	-1,523	5,413	3,890	2,671	113	16	1,333	5,816	8,056	13,600	92,900	
13	1,127	15	- 1,069	9,449	8,380	- 64	402	- 1,411	16	-1,411	6,731	5,320	2,685	113	17	1,318	4,284	9,416	13,700	92,900	
24	978	16	- 449	9,599	9,150	- 27	393	- 815	17	- 815	6,665	5,850	2,685	102	18	1,304	4,330	9,350	13,700	92,900	
55	837	17	- 197	8,437	8,240	- 12	284	- 489	18	937	2,983	3,920	2,681	96	19	1,291	7,336	5,664	13,000	92,900	
1,574	17,884									(34,408)					(3,873)		(167,952)				

STATIONS

1962

STATION	LAKE WILCOTT CONTENTS ACRE-Feet	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY					TWIN FALLS CANAL COMPANY				
		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	
980	100,010	464	572	1,036	0	1,036	0	8,180	8,180	JUNE	5	10.57	0		0	1,270	1,270	58	750	2,210	3,019	0	3,019	0	2,850	2,850
980	99,760	664	564	1,228	0	1,228	0	7,320	7,320		6	10.76	33		0	1,280	1,280	58	780	2,330	3,168	0	3,168	0	2,940	2,940
980	97,380	986	632	1,618	0	1,618	- 27	7,677	7,650		7	10.88	33		0	1,290	1,290	59	790	2,490	3,339	0	3,339	0	2,940	2,940
980	97,470	1,280	758	2,038	0	2,038	- 307	7,757	7,450		8	10.78	63		0	1,320	1,320	59	780	2,500	3,339	0	3,339	0	2,960	2,960
980	97,470	1,570	986	2,556	0	2,556	- 475	7,875	7,400		9	10.55	76		0	1,350	1,350	59	760	2,480	3,299	0	3,299	0	2,910	2,910
980	98,320	1,720	1,200	2,920	194	2,726	- 460	8,140	7,680		10	10.41	76		0	1,470	1,470	62	770	2,470	3,302	0	3,302	0	2,910	2,910
980	97,840	1,760	1,310	3,070	344	2,726	544	7,396	8,040		11	10.33	120	2	966	564	1,530	62	750	2,480	3,272	0	3,272	0	2,880	2,880
980	97,230	1,740	1,370	3,110	757	2,353	2,290	6,000	8,290		12	10.30	163	2	1,540	0	1,540	66	740	2,560	3,366	3,366	3,000	140	3,000	3,000
980	96,870	1,710	1,400	3,110	1,384	1,726	3,020	5,650	8,670		13	10.35	196	2	1,540	0	1,540	66	750	2,600	3,416	766	2,646	420	3,000	3,000
980	96,390	1,650	1,380	3,030	1,304	1,726	3,280	5,650	8,930		14	10.60	198	2	1,550	0	1,550	65	770	2,700	3,536	865	2,675	390	3,000	3,000
980	97,590	1,560	1,320	2,880	1,154	1,726	3,250	5,650	8,900	15	10.64	188	2	1,540	0	1,540	65	770	2,700	3,536	865	2,675	390	3,000	3,000	
980	98,080	1,450	1,260	2,710	984	1,726	3,220	5,650	8,870	16	10.72	188	2	1,550	0	1,550	65	780	2,570	3,416	765	2,650	390	3,000	3,000	
980	98,880	1,290	1,130	2,420	694	1,726	2,760	5,650	8,410	17	10.72	188	2	1,550	0	1,550	65	790	2,470	3,325	675	2,650	390	3,000	3,000	
980	99,280	1,180	1,150	2,330	604	1,726	2,500	5,650	8,150	18	10.69	188	2	1,540	0	1,540	61	790	2,540	3,391	741	2,650	390	3,000	3,000	
980	98,680	1,080	1,180	2,260	0	2,260	1,698	6,552	8,240	19	10.64	188	2	1,540	0	1,540	60	790	2,560	3,410	110	3,300	0	3,000	3,000	
980	97,640	1,030	1,150	2,180	0	2,180	1,356	6,904	8,260	20	10.69	168	2	1,561	179	1,540	60	790	2,560	3,410	0	3,410	0	3,000	3,000	
980	96,870	1,030	1,090	2,120	0	2,120	2,327	5,913	8,240	21	10.66	159	2	1,530	0	1,530	59	790	2,550	3,399	646	2,731	0	3,000	3,000	
980	96,150	1,080	1,080	2,160	0	1,726	2,560	5,650	8,210	22	10.59	159	2	1,540	0	1,540	59	790	2,550	3,399	749	2,650	140	3,000	3,000	
980	95,180	1,130	1,090	2,220	0	1,726	2,410	6,000	8,410	23	10.64	159	2	1,550	0	1,550	55	800	2,580	3,435	435	3,000	160	3,000	3,000	
980	94,720	1,240	1,160	2,400	0	2,400	2,042	6,338	8,380	24	10.84	159	2	1,550	0	1,550	55	810	2,700	3,565	477	3,046	0	3,000	3,000	
980	94,720	1,360	1,200	2,560	0	2,560	1,083	7,267	8,350	25	10.83	173	2	1,432	108	1,540	54	790	2,820	3,664	0	3,664	0	3,000	3,000	
980	94,840	1,520	1,260	2,780	54	2,726	1,032	7,428	8,460	26	10.80	197	2	1,410	110	1,520	53	760	2,840	3,653	0	3,653	0	3,000	3,000	
980	93,790	1,700	1,360	3,060	334	2,726	1,052	7,938	8,990	27	10.63	221	2	1,040	480	1,520	53	810	2,860	3,723	0	3,723	40	3,000	3,000	
980	93,900	1,600	1,410	3,210	484	2,726	1,714	7,766	9,480	28	10.74	231	2	1,432	98	1,530	63	960	2,910	3,933	0	3,933	110	3,000	3,000	
980	94,250	1,810	1,430	3,240	514	2,726	2,224	7,316	9,540	29	10.77	231	2	1,530	0	1,530	63	980	2,930	3,973	392	3,361	120	3,000	3,000	
980	94,950	1,800	1,440	3,240	514	2,726	2,514	7,056	9,570	30	10.86	237	2	1,530	0	1,530	63	980	2,940	3,983	662	3,641	120	3,000	3,000	
980	94,640	1,800	1,440	3,240	514	2,726	3,540	6,000	9,540	JULY	1	10.79	235	3	1,530	0	1,530	63	960	2,930	3,953	953	3,000	680	3,000	3,000
980	93,790	1,800	1,420	3,220	494	2,726	2,599	6,971	9,570		2	10.50	237	3	1,520	0	1,520	63	940	2,910	3,913	613	3,526	80	3,000	3,000
980	92,970	1,800	1,410	3,210	484	2,726	2,612	7,188	9,800		3	10.60	239	3	1,600	0	1,600	65	940	2,960	3,966	512	3,452	150	3,000	3,000
980	93,320	1,800	1,400	3,200	474	2,726	2,064	7,826	9,890		4	10.72	242	3	1,562	78	1,640	63	950	3,000	4,013	0	4,013	160	3,000	3,000
980	93,790	1,800	1,400	3,200	474	2,726	3,181	6,509	9,700		5	10.92	245	3	1,640	0	1,640	68	940	2,980	3,988	988	3,000	180	3,000	3,000
980	94,020	1,800	1,400	3,200	678	2,522	3,510	6,000	9,510		6	10.79	249	3	1,620	0	1,620	68	930	2,950	3,9					

PLATE NO. 12

AL	VAL	TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER		
		STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
360	019	0	2,850	2,850	0	26	26	0	801	801
360	166	0	2,940	2,940	0	52	52	0	84	84
390	339	0	2,960	2,960	0	67	67	0	85	85
360	339	0	3,010	3,010	0	88	88	83	0	83
400	299	0	3,100	3,100	0	126	126	80	0	80
200	302	0	3,220	3,220	0	148	148	79	0	79
400	272	0	3,380	3,380	0	180	180	76	0	76
300	300	480	3,000	3,480	195	0	195	74	0	74
300	650	420	3,000	3,420	195	0	195	74	0	74
300	650	390	3,000	3,390	195	0	195	190	0	190
300	650	350	3,000	3,350	194	0	194	310	0	310
400	650	230	3,000	3,230	189	0	189	333	0	333
200	650	160	3,000	3,160	172	0	172	330	0	330
300	650	150	3,000	3,150	161	0	161	330	0	330
200	300	0	3,160	3,160	67	92	159	333	0	333
200	410	0	3,180	3,180	24	135	159	336	0	336
200	753	0	3,160	3,160	160	0	160	327	0	327
200	650	160	3,000	3,160	167	0	167	321	0	321
300	000	160	3,000	3,160	185	0	185	156	0	156
300	088	0	3,250	3,250	185	0	185	73	0	73
300	664	0	3,360	3,360	50	135	185	73	0	73
300	653	0	3,530	3,530	50	135	185	71	0	71
300	723	40	3,600	3,640	60	135	195	71	0	71
300	933	110	3,600	3,710	74	135	209	71	0	71
200	581	120	3,800	3,720	79	135	214	71	0	71
100	321	120	3,600	3,720	82	135	217	72	0	72
000	000	690	3,000	3,690	217	0	217	72	0	72
100	300	90	3,600	3,690	161	71	232	71	0	71
300	453	150	3,600	3,750	100	135	235	72	0	72
300	013	160	3,600	3,760	100	135	235	72	0	72
300	000	161	3,509	3,690	236	0	236	73	0	73
400	000	730	3,000	3,730	251	0	251	72	0	72
300	000	780	3,000	3,780	256	0	256	71	0	71
300	239	800	3,000	3,800	256	0	256	72	0	72
300	400	830	3,000	3,830	256	0	256	74	0	74
700	400	760	3,000	3,760	256	0	256	80	0	80
400	960	780	3,000	3,780	257	0	257	83	0	83
900	476	850	3,000	3,850	264	0	264	75	0	75
300	400	880	3,000	3,880	259	0	259	76	0	76
300	400	860	3,000	3,860	256	0	256	83	0	83
300	400	800	3,000	3,800	256	0	256	103	0	103
300	400	770	3,000	3,770	256	0	256	103	0	103
300	000	780	3,000	3,780	256	0	256	118	0	118
700	090	190	3,600	3,790	256	0	256	92	0	92
700	024	170	3,600	3,770	256	0	256	98	0	98
300	938	760	3,000	3,760	256	0	256	82	0	82
		(14,901)			(7,145)			(5,576)		

DAILY SEGREGATION OF

DATE	JACKSON LAKE CONTENTS ACRE- FEET	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS OF ACRE- FEET	SNAKE RIVER NEAR IRWIN			IRWIN TO HEISE		HEISE & RILEY			STORED IN FLOW HENRY'S FORK	HEISE TO SH
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		
17	827,630	1,750	1,690	3,440	30	JULY 17	1,720	6,880	8,400											
17	824,070	1,700	1,730	3,430	29	18	1,671	6,880	8,400	1,336	1,720	6,880	10,600							
18	820,770	1,790	1,720	3,510	30	19	1,760	6,529	8,200	1,336	2,175	8,525	10,700	14	10	1,696	9,319	11,015	97	83
19	817,230	2,030	1,600	3,630	35	20	1,760	6,530	8,290	1,335	2,768	8,232	11,000	17	10	2,148	8,867	11,015	258	105
20	813,190	2,250	1,390	3,640	38	21	1,995	6,065	8,060	1,335	2,768	8,232	11,000	22	10	2,738	8,278	11,014	292	134
21	808,640	2,250	1,460	3,710	38	22	2,212	5,798	8,010	1,333	3,003	8,797	11,800	24	10	2,989	8,750	11,739	228	149
22	804,100	2,250	1,450	3,700	38	23	2,212	5,628	7,840	1,331	4,733	7,367	12,100	38	10	4,885	7,424	12,319	323	128
23	799,800	2,420	1,250	3,670	41	24	2,212	5,488	7,700	1,326	4,733	7,667	12,400	38	10	4,885	7,424	12,319	323	128
24	795,010	2,350	1,290	3,640	40	25	2,379	5,211	7,590	1,321	5,133	7,467	12,600	41	10	4,885	7,635	12,520	245	129
25	790,800	2,150	1,480	3,630	37	26	2,310	5,230	7,540	1,316	5,508	7,392	12,900	44	10	5,082	7,538	12,620	440	248
26	786,230	1,770	1,840	3,610	30	27	2,113	5,427	7,540	1,309	5,839	7,461	13,300	47	10	5,454	7,479	12,933	489	286
27	782,720	2,000	1,600	3,600	34	28	2,113	5,427	7,540	1,302	5,646	7,854	13,500	45	15	5,782	7,452	13,234	527	282
28	778,710	2,160	1,400	3,560	37	29	1,740	5,940	7,680	1,294	5,265	7,835	13,100	42	15	5,586	8,051	13,637	331	273
29	774,440	2,300	1,250	3,550	40	30	1,966	5,874	7,840	1,288	4,991	7,809	12,800	40	15	5,208	8,129	13,337	186	254
30	769,940	2,380	1,160	3,520	40	31	2,123	5,527	7,650	1,282	5,148	7,452	12,800	41	15	4,936	8,201	13,137	340	241
31	765,210	2,200	1,400	3,600	37	AUG 1	2,260	5,140	7,400	1,276	4,277	7,423	11,700	34	15	5,092	7,744	12,836	411	246
1	760,980	2,400	1,310	3,710	41	2	2,320	4,950	7,270	1,272	4,337	6,663	11,000	35	15	4,228	8,208	12,436	446	206
2	756,000	2,400	1,280	3,680	41	3	2,163	5,137	7,300	1,268	4,180	6,420	10,600	33	20	4,267	7,446	11,713	348	209
3	751,260	2,500	1,130	3,630	43	4	2,359	4,861	7,220	1,264	3,872	6,528	10,400	31	20	4,127	7,204	11,331	203	201
4	745,790	2,500	1,080	3,580	43	5	2,359	4,781	7,140	1,261	3,872	6,528	10,400	39	19	3,821	7,209	11,030	100	186
5	740,100	2,500	1,040	3,540	43	6	2,457	4,513	6,970	1,256	4,880	5,820	10,700	39	19	4,822	6,408	11,230	75	235
6	735,900	2,500	980	3,480	43	7	2,457	4,513	6,970	1,256	4,978	5,922	10,900	40	15	4,923	6,509	11,432	37	240
7	730,960	2,550	970	3,520	43	8	2,457	4,513	6,970	1,250	5,178	6,022	11,200	41	15	4,923	6,509	11,432	37	240
8	725,760	2,550	1,060	3,610	43	9	2,457	4,223	6,680	1,241	5,082	5,518	10,600	41	15	5,122	6,510	11,632	45	250
9	720,580	2,600	990	3,590	44	10	2,457	4,223	6,680	1,241	5,082	5,518	10,600	41	15	5,122	6,510	11,632	45	250
10	716,400	2,600	920	3,520	44	11	2,457	4,223	6,680	1,241	5,082	5,518	10,600	41	15	4,923	6,509	11,432	37	240
11	711,000	2,600	920	3,520	44	12	2,507	4,123	6,630	1,235	5,332	5,568	10,900	43	15	5,026	6,003	11,029	88	245
12	705,840	2,600	920	3,520	44	13	2,507	4,123	6,630	1,235	5,332	5,568	10,900	43	15	5,274	5,850	11,124	114	257
13	700,930	2,700	860	3,560	46	14	2,556	4,284	6,840	1,229	5,228	5,772	11,000	42	15	5,171	5,149	11,320	298	252
14	695,300	2,700	860	3,560	46	15	2,556	4,334	6,890	1,224	5,077	5,723	10,800	41	15	5,021	6,299	11,320	-258	245
15	689,930	2,700	800	3,500	46	16	2,556	4,044	6,600	1,219	4,469	5,731	10,200	38	15	4,418	6,201	10,619	-324	216
16	684,810	2,600	840	3,440	44	17	2,556	3,914	6,470	1,216	4,573	5,227	9,800	37	15	4,521	5,797	10,318	-262	221
17	679,940	2,600	830	3,430	44	18	2,556	3,914	6,470	1,212	4,069	5,371	9,440	33	13	4,023	5,823	9,846	-280	188
18	675,060	2,600	840	3,440	44	19	2,654	3,746	6,400	1,209	4,160	5,110	9,270	33	13	4,114	5,510	9,624	-179	201
19	669,710	2,600	820	3,420	44	20	2,654	3,646	6,300	1,208	4,670	4,710	9,380	37	10	4,623	4,899	9,622	-465	235
20	664,870	2,600	810	3,410	44	21	2,654	3,516	6,170	1,202	4,975	4,745	9,720	40	10	4,925	4,917	9,842	-530	240
21	659,300	2,600	790	3,390	44	22	2,556	3,664	6,220	1,197	4,773	5,127	9,900	38	10	4,725	5,401	10,126	-478	251
22	653,970	2,600	780	3,380	44	23	2,556	3,684	6,240	1,193	4,573	5,117	9,690	37	10	4,526	5,492	10,018	-408	221
23	648,890	2,600	770	3,370	44	24	2,556	3,564	6,120	1,189	4,573	4,947	9,520	37	10	4,526	5,210	9,736	-310	221
24	643,500	2,600	770	3,370	44	25	2,556	3,484	6,040	1,185	4,573	4,807	9,380	37	10	4,526	5,140	9,666	-218	221
25	637,820	2,600	770	3,370	44	26	2,556	3,384	5,940	1,180	4,573	4,727	9,300	37	5	4,531	4,953	9,484	-186	221
26	632,290	2,600	770	3,370	44	27	2,556	3,344	5,900	1,177	4,573	4,627	9,200	37	5	4,531	4,893	9,424	-143	221
27	627,240	2,400	600	3,000	41	28	2,556	3,384	5,940	1,173	4,573	4,557	9,130	37	5	4,531	4,786	9,317	-222	221
28	622,320	2,000	530	2,530	34	29	2,556	3,344	5,900	1,169	4,573	4,467	9,040	37	5	4,531	4,786	9,317	-224	221
29	617,890	2,000	530	2,530	34	30	2,556	3,314	5,870	1,165	4,573	4,467	9,040	33	5	4,031	5,075	9,106	-252	19
30	613,400	2,000	530	2,530	34	31	2,556	3,244	5,800	1,162	4,069	4,671	8,740	33	5	4,031	4,904	8,935	-271	11
31	608,910	2,000	530	2,530	34	32	2,556	3,144	5,700	1,159	4,069	4,511	8,580	39	2	4,836	4,200	9,036	-546	2
32	604,420	2,000	530	2,530	34	33	2,556	3,044	5,600	1,154	4,877	3,933	8,810	39	2	4,839	4,308	9,147	-416	
33	600,000	2,000	530	2,530	34	34	2,556	2,944	5,500	1,149	4,880	3,990	8,870	40	0	4,951	4,298	9,247	-340	
34	595,510	2,000	530	2,530	34	35	1,966	2,894	4,860											

OF DATA AT AND BETWEEN SNAKE RIVER GAGING STA

24 HOUR SECOND-FOOT EXCEPT AS NOTED

24 HOUR SECOND- FEET EXCEPT AS NOTED																							
SE TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY		DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE- FEET	SNAKE RIVER AT NEELEY			LAKE MYCOTT CONTENTS ACRE- FEET		
DRED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS				STORED	NORMAL	TOTAL	CALCULATED INFLOW	STORED DIVERSIONS			STORED	NORMAL	TOTAL			
83	1,028	JULY 18	662	5,528	6,210	41	254	387	JULY 19	66	2,044	256	2,300	2,677	96	JULY 20	1,277	8,967	2,933	11,900	19,520		
105	1,241	19	1,060	4,060	5,120	64	317	679	20	16	944	206	1,150	2,654	96	21	1,262	8,530	2,870	11,400	17,580		
134	1,576	20	1,278	3,212	4,490	77	319	882	21	1	521	191	712	2,672	96	22	1,247	9,137	2,883	12,000	15,180		
145	1,975	21	1,077	3,413	4,490	65	397	815	22	2	457	192	649	2,664	96	23	1,230	9,744	2,958	12,600	18,020		
229	2,103	22	2,676	1,684	4,360	161	389	2,126	23	9	422	199	621	2,660	96	24	1,211	9,741	2,859	12,600	15,790		
229	2,107	23	2,594	1,766	4,360	156	401	2,037	24	0	312	190	502	2,650	96	25	1,194	7,860	2,540	10,700	10,020		
248	2,345	24	2,929	1,131	4,060	176	417	2,336	25	0	145	190	335	2,647	96	26	1,177	10,663	2,857	13,500	12,820		
265	2,893	25	2,994	1,116	4,110	180	394	2,420	26	0	80	190	270	2,650	96	27	1,167	11,560	2,840	14,400	12,270		
262	2,906	26	3,121	1,349	4,470	187	514	2,420	27	6	824	196	1,020	2,649	96	28	1,136	11,555	2,845	14,400	13,170		
273	3,110	27	2,534	3,196	5,730	152	440	1,942	28	2	1,918	192	2,110	2,636	96	29	1,117	10,872	2,828	13,700	15,710		
254	2,706	28	2,414	3,956	6,370	145	430	1,839	29	29	3,211	219	3,430	2,625	96	30	1,101	10,358	2,844	13,200	16,470		
291	2,334	29	2,701	4,659	7,360	162	352	2,187	30	18	4,012	208	4,220	2,616	94	31	1,084	9,976	2,824	12,800	15,870		
248	2,038	30	3,217	4,243	7,460	193	361	2,663	31	26	3,894	216	4,110	2,613	94	AUG 1	1,070	9,671	2,829	12,500	16,870		
206	1,979	31	2,489	4,211	6,700	149	271	2,069	AUG 1	6	2,804	196	3,000	2,597	93	2	1,057	9,307	2,793	12,100	17,170		
209	1,762	AUG 1	2,664	3,356	6,020	160	169	2,335	2	23	2,347	213	2,560	2,603	93	3	1,043	9,184	2,816	12,000	16,170		
201	1,542	2	2,587	2,503	5,090	155	227	2,205	3	15	1,635	205	1,840	2,600	93	4	1,028	9,495	2,805	12,300	15,170		
186	1,638	3	2,087	2,453	4,550	126	193	1,778	4	13	1,227	203	1,430	2,603	79	5	1,013	9,494	2,806	12,300	14,170		
235	1,602	4	3,060	1,360	4,420	184	153	2,723	5	34	1,806	224	1,830	2,634	72	6	999	9,342	2,858	12,200	14,170		
240	1,461	5	3,259	1,591	4,850	196	181	2,882	6	73	2,527	263	2,790	2,642	58	7	985	9,195	2,905	12,100	13,170		
250	1,734	6	3,093	2,257	5,350	186	150	2,757	7	63	2,687	253	2,940	2,642	43	8	971	8,905	2,895	11,800	12,170		
240	1,705	7	2,995	1,685	4,680	180	63	2,752	8	72	1,688	262	1,950	2,646	39	9	957	8,692	2,908	11,600	11,170		
245	1,673	8	2,996	1,164	4,160	180	49	2,767	9	57	1,173	247	1,420	2,657	39	10	942	8,596	2,904	11,500	10,170		
257	2,176	9	2,955	1,255	4,210	177	500	2,278	10	28	1,432	218	1,650	2,654	51	11	930	8,828	2,872	11,700	9,170		
252	2,182	10	2,993	1,687	4,680	180	879	1,934	11	30	1,990	220	2,210	2,636	57	12	917	8,944	2,856	11,800	8,170		
246	2,119	11	2,399	2,391	4,790	144	815	1,440	12	68	2,112	258	2,370	2,615	57	13	903	9,127	2,873	12,000	7,170		
216	2,005	12	1,873	3,187	5,060	112	810	951	13	38	2,562	228	2,790	2,619	57	14	890	9,253	2,847	12,100	6,170		
221	1,695	13	2,343	2,747	5,090	141	510	1,692	14	10	1,830	200	2,030	2,594	57	15	877	9,406	2,794	12,200	5,170		
186	1,713	14	1,834	2,506	4,340	110	942	782	15	8	982	198	1,180	2,613	57	16	862	9,689	2,811	12,500	4,170		
201	1,714	15	2,020	1,770	3,790	121	1,215	684	16	17	484	207	691	2,612	57	17	848	9,781	2,819	12,600	3,170		
226	1,977	16	1,955	1,545	3,500	117	1,400	438	17	23	408	213	621	2,603	57	18	829	9,984	2,816	12,800	2,170		
240	2,007	17	2,148	1,602	3,750	129	1,333	686	18	26	804	216	1,020	2,582	57	19	810	10,102	2,798	12,900	1,170		
231	1,900	18	2,118	2,044	4,160	127	1,348	641	19	36	1,194	226	1,420	2,580	57	20	793	8,194	2,806	11,000	1,170		
221	1,819	19	2,078	2,492	4,570	125	1,341	612	20	39	1,581	229	1,810	2,586	57	21	776	6,605	2,815	9,420	1,170		
221	1,593	20	2,402	2,278	4,680	144	1,168	1,090	21	18	1,522	208	1,730	2,590	57	22	764	11,902	2,798	14,600	1,170		
221	1,406	21	2,661	1,839	4,520	161	950	1,570	22	8	1,322	198	1,520	2,597	57	23	745	10,906	2,795	13,700	1,170		
221	1,348	22	2,774	1,516	4,290	166	941	1,667	23	6	1,214	196	1,410	2,603	56	24	726	10,001	2,799	12,800	1,170		
221	1,348	23	2,818	1,362	4,180	169	956	1,693	24	8	1,022	198	1,220	2,601	56	25	708	10,401	2,799	13,200	1,170		
221	1,361	24	2,737	1,343	4,080	164	942	1,631	25	8	922	198	1,120	2,585	56	26	690	10,317	2,783	13,100	1,170		
221	1,361	25	2,725	1,316	4,040	164	918	1,643	26	6	894	196	1,090	2,583	56	27	688	10,221	2,779	13,000	1,170		
197	1,356	26	2,227	1,813	4,040	134	1,187	906	27	6	974	196	1,170	2,570	56	28	648	9,534	2,768	12,300	1,170		
197	1,241	27	2,322	1,688	3,990	139	1,414	769	28	6	798	196	994	2,570	56	29	632	9,134	2,766	11,900	1,170		
226	1,356	28	2,898	782	3,680	174	1,586	1,138	29	41	565	231	796	2,569	56	30	618	8,900	2,800	11,700	1,170		
236	1,456	29	2,729	931	3,660	164	1,540	1,025	30	72	676	262	938	2,576	56	31	601	9,162	2,838	12,000	1,170		
242	1,464	30	2,905	1,005	3,910	174	1,541	1,190	31	86	874	276	1,150	2,586	56	SEPT 1	585	9,336	2,862	12,200	1,170		
											(62,640)					(3,091)		(420,470)					
						(6,511)	(30,677)	(71,261)															

1962

LAKE ALCOTT INTEXTS FE- 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					TRIN FALLS CANAL COMPANY			MIL			
	NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL		TOTAL	STORED	
99,520	1,580	1,360	3,040	3,040	0	6,357	2,933	9,290	JULY 21	10.97	251	3	1,630	0	1,630	72	900	3,000	3,972	3,627	345	1,202	2,589	3,790			
97,590	1,640	1,360	3,000	3,000	0	6,580	2,870	9,450	22	10.88	252	3	1,640	0	1,640	72	910	3,010	3,992	3,654	338	1,269	2,532	3,800			
95,180	1,650	1,370	3,020	3,020	0	6,907	2,863	9,770	23	10.93	252	3	1,660	0	1,660	73	930	3,040	4,043	3,706	337	1,274	2,526	3,800			
94,020	1,570	1,360	3,030	3,030	0	7,074	2,856	9,930	24	11.00	252	3	1,680	0	1,680	75	930	3,080	4,095	3,749	336	1,240	2,520	3,780			
93,790	1,870	1,070	2,740	2,740	0	6,871	2,859	9,730	25	11.02	253	3	1,680	0	1,680	75	930	3,100	4,105	3,769	336	1,247	2,523	3,770			
90,530	1,870	1,270	2,940	2,940	0	7,160	2,840	10,000	26	11.04	253	3	1,680	0	1,680	74	930	3,100	4,104	3,770	334	1,274	2,506	3,780			
88,820	1,660	1,340	3,000	3,000	0	7,363	2,837	10,200	27	11.02	253	3	1,680	0	1,680	68	930	3,040	4,038	3,704	334	1,287	2,503	3,780			
82,270	1,620	1,360	2,980	2,980	0	7,360	2,840	10,200	28	11.08	253	3	1,690	0	1,690	68	950	3,000	4,018	3,684	334	1,284	2,508	3,770			
93,790	1,580	1,350	2,930	2,930	0	7,355	2,845	10,200	29	11.09	253	3	1,690	0	1,690	67	950	3,020	4,037	3,702	335	1,230	2,510	3,740			
95,780	1,560	1,330	2,890	2,890	0	7,372	2,828	10,200	30	11.08	253	3	1,690	0	1,690	67	950	3,010	4,027	3,694	333	1,225	2,495	3,720			
96,630	1,540	1,300	2,840	2,840	0	7,156	2,844	10,000	31	11.01	253	3	1,680	0	1,680	67	940	3,020	4,027	3,692	335	1,201	2,509	3,710			
96,870	1,450	1,300	2,750	2,750	0	7,176	2,824	10,000	AUG 1	11.02	244	3	1,680	0	1,680	71	940	3,020	4,031	3,698	333	1,209	2,491	3,700			
96,870	1,390	1,290	2,680	2,680	0	7,101	2,829	9,930	2	10.86	231	3	1,680	0	1,680	72	920	3,010	4,002	3,689	333	1,174	2,498	3,670			
97,110	1,380	1,290	2,640	2,640	0	7,067	2,793	9,860	3	10.82	220	3	1,670	0	1,670	72	910	2,980	3,982	3,633	329	1,206	2,484	3,670			
95,180	1,400	1,260	2,660	2,660	0	7,174	2,816	9,990	4	10.72	213	3	1,660	0	1,660	72	900	2,950	3,922	3,591	331	1,185	2,485	3,670			
94,320	1,370	1,230	2,600	2,600	0	7,595	2,805	10,400	5	10.97	213	3	1,690	0	1,690	72	920	3,040	4,032	3,702	330	1,195	2,475	3,660			
93,350	1,250	1,200	2,450	2,450	0	7,494	2,806	10,300	6	11.12	209	3	1,650	0	1,650	73	900	3,020	3,993	3,683	330	1,144	2,476	3,620			
94,020	1,140	1,140	2,280	2,280	0	6,912	2,858	9,770	7	11.00	209	3	1,630	0	1,630	72	900	2,960	3,932	3,596	336	1,028	2,522	3,550			
95,180	1,210	1,110	2,320	2,320	0	6,455	2,905	9,360	8	10.94	209	3	1,630	0	1,630	72	880	2,930	3,882	3,540	342	1,017	2,563	3,580			
95,590	1,290	1,120	2,410	2,410	0	6,555	2,895	9,450	9	10.75	198	3	1,580	0	1,580	72	860	2,920	3,852	3,511	341	1,036	2,554	3,590			
94,250	1,350	1,130	2,480	2,480	0	6,702	2,908	9,610	10	10.89	195	3	1,580	0	1,580	74	880	2,910	3,864	3,522	342	1,054	2,566	3,620			
94,490	1,380	1,120	2,500	2,500	0	6,516	2,904	9,420	11	11.02	195	3	1,580	0	1,580	74	900	2,820	3,794	3,452	342	1,028	2,562	3,590			
94,640	1,380	1,110	2,490	2,490	0	6,448	2,872	9,320	12	10.85	195	3	1,550	0	1,550	74	860	2,820	3,754	3,416	338	1,048	2,534	3,580			
94,490	1,400	1,120	2,520	2,520	0	6,534	2,856	9,390	13	10.76	195	3	1,550	0	1,550	74	840	2,820	3,734	3,398	336	1,060	2,520	3,580			
94,020	1,470	1,160	2,630	2,630	0	6,737	2,873	9,610	14	10.78	189	3	1,550	0	1,550	74	840	2,820	3,734	3,398	338	1,085	2,535	3,620			
93,350	1,490	1,240	2,730	2,730	0	6,823	2,847	9,670	15	10.74	199	3	1,550	0	1,550	76	830	2,830	3,736	3,401	335	1,108	2,512	3,620			
93,320	1,540	1,270	2,810	2,810	0	6,936	2,794	9,730	16	10.74	199	2	1,600	0	1,600	65	850	2,840	3,755	3,426	329	1,175	2,485	3,640			
92,810	1,600	1,290	2,890	2,890	0	7,149	2,811	9,960	17	10.81	205	2	1,630	0	1,630	65	870	2,840	3,775	3,444	331	1,190	2,480	3,670			
91,480	1,590	1,290	2,880	2,880	0	7,171	2,819	9,990	18	10.86	205	2	1,630	0	1,630	65	870	2,840	3,775	3,443	332	1,173	2,487	3,660			
90,290	1,590	1,270	2,860	2,860	0	7,144	2,816	9,960	19	10.88	205	2	1,640	0	1,640	65	880	2,840	3,785	3,454	331	1,185	2,485	3,670			
90,530	1,630	1,290	2,920	2,920	0	7,162	2,798	9,960	20	10.95	211	2	1,580	0	1,580	65	870	2,860	3,795	3,466	329	1,201	2,489	3,670			
89,630	1,650	1,290	2,940	2,940	0	6,964	2,806	9,770	21	11.00	224	2	1,570	0	1,570	63	870	2,830	3,763	3,433	330	1,174	2,476	3,650			
84,240	1,640	1,260	2,900	2,900	0	6,755	2,815	9,570	22	10.72	224	2	1,560	0	1,560	63	860	2,850	3,793	3,462	331	1,168	2,484	3,650			
81,630	1,800	1,240	2,840	2,840	0	6,932	2,798	9,730	23	10.74	224	2	1,600	0	1,600	60	910	2,870	3,840	3,511	329	1,201	2,469	3,670			
87,730	1,550	1,250	2,800	2,800	0	6,775	2,795	9,570	24	10.78	224	2	1,600	0	1,600	60	910	2,860	3,826	3,497	329	1,180	2,470	3,620			
89,260	1,450	1,200	2,650	2,650	0	6,811	2,799	9,610	25	10.75	224	2	1,600	0	1,600	56	910	2,860	3,826	3,497	329	1,130	2,470	3,800			
91,110	1,380	1,190	2,570	2,570	0	6,841	2,799	9,640	26	10.77	224	2	1,600	0	1,600	56	910	2,860	3,826	3,497	327	1,104	2,456	3,880			
92,160	1,370	1,200	2,570	2,570	0	6,947	2,783	9,730	27	10.57	216	2	1,580	0	1,580	56	900	2,840	3,798	3,463	327	1,116	2,452	3,870			
92,810	1,380	1,240	2,620	2,620	0	7,321	2,779	10,100	28	10.76	211	2	1,600	0	1,600	56	910	2,860	3,826	3,498	323	1,124	2,441	3,570			
92,920	1,470	1,250	2,720	2,720	0	7,164	2,766	9,930	29	10.84	205	2	1,610	0	1,610	54	940	2,810	3,804	3,479	326	1,089	2,441	3,530			
92,690	1,480	1,260	2,740	2,740	0	6,964	2,766	9,730	30	10.93	205	2	1,610	0	1,610	53	930	2,800	3,783	3,464	329	1,029	2,471	3,500			
91,230	1,440	1,240	2,680	2,680	0	6,680	2,800	9,480	31	10.94	205	2	1,610	0	1,610	53	930	2,780	3,743	3,408	334	1,006	2,504	3,510			
90,840	1,360	1,230	2,590	2,590	0	6,482	2,838	9,320	SEPT 1	10.90	203	2	1,600	0	1,600	53	920	2,690	3,683	3,328	337	985	2,525	3,510			
91,480	1,260	1,240	2,500	2,500	0	6,338	2,862	9,200	2	10.79	203	2	1,600	0	1,600	53											
											(9,717)	(114)	(71,450)												(36,209)	(9,686)	
					(120,040)				(305,380)																		

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DAILY SEGREGATION OF D

DATE	JACKSON LAKE CONTENTS ACRE-Feet	SNAKE RIVER AT MORAN			STORED LOSS MORAN TO ALPINE	DATE	SNAKE RIVER NEAR ALPINE			PALISADES RESERVOIR CONTENTS THOUSANDS OF ACRE-Feet	SNAKE RIVER NEAR IRWIN			IRWIN TO HEISE		HEISE & RILEY			STORED IN FLOW HENRY'S FORK	HEISE TO SHELLY	
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		STORED LOSS	STORED DIVERSIONS
AUG 29	619,000	2000	520	2520	34	AUG 30	1966	2754	4720	1143	4991	3879	8870	40		4951	4297	9248	-381	252	145
30	615,040	2000	510	2510	34	31	1968	2664	4630	1137	4687	3993	8680	37		4950	4497	9147	-399	227	14
31	610,980	1800	510	2310	31	SEPT 1	1769	2531	4300	1132	4594	3896	8490	37		4557	4398	8955	-601	222	130
1	607,640	1400	590	1990	24	2	1376	2604	3980	1126	4401	3959	8360	35		4366	4474	8840	-322	213	114
2	604,770	1400	580	1980	24	3	1376	2524	3900	1120	4501	3759	8260	36		4485	4348	8810	-319	218	12
3	602,380	1400	590	1990	24	4	1376	2484	3860	1114	4601	3599	8200	37		4564	4248	8810	-315	225	12
4	599,050	1440	540	1980	24	5	1416	2424	3840	1108	4645	3525	8170	37		4608	4202	8810	-316	220	130
5	596,200	1460	520	1980	25	6	1435	2365	3800	1101	5068	3382	8450	41		5027	4093	9120	-318	245	14
6	593,350	1500	480	1980	26	7	1474	2286	3760	1093	5003	3447	8450	40		4963	4187	9150	-354	242	14
7	590,270	1500	470	1970	26	8	1474	2226	3700	1086	3891	3339	7230	31		3860	4580	8540	-375	86	14
8	586,950	1500	470	1970	26	9	1474	2266	3740	1082	3291	3289	6580	26		3265	4001	7266	-354	139	8
9	583,630	1500	470	1970	26	10	1474	2246	3720	1078	4703	3267	7970	38		4665	3387	8052	-187	229	5
10	580,540	1466	494	1960	25	11	1441	2259	3700	1071	4970	3360	8330	40		4930	3933	8863	-182	241	12
11	577,700	1430	530	1960	24	12	1406	2274	3680	1064	4931	3429	8360	39		4892	4011	8903	-184	239	13
12	574,860	1420	540	1960	24	13	1396	2264	3660	1058	4925	3435	8360	39		4886	3977	8863	-223	238	13
13	572,040	1410	550	1960	24	14	1386	2274	3660	1051	4915	3505	8420	39		4876	4057	8933	-300	238	13
14	569,210	1400	580	1960	24	15	1376	2224	3600	1044	5109	3381	8490	41		5068	3905	8973	-400	247	13
15	566,380	1400	550	1950	24	16	1376	2204	3580	1036	5205	3315	8520	42		5163	3810	8973	-367	252	
16	563,790	1400	550	1950	24	17	1376	2164	3540	1029	5109	3441	8550	41		5068	3965	9033	-381	247	
17	560,730	1400	550	1950	24	18	1376	2164	3540	1021	5205	3445	8650	42		5163	3911	9074	-395	252	
18	557,570	1400	540	1940	24	19	1376	2164	3540	1014	5209	3471	8680	42		5167	3907	9074	-378	252	1
19	555,070	1400	540	1940	24	20	1376	2124	3500	1006	5209	3471	8680	42		5167	3937	9104	-770	252	1
20	552,260	1400	530	1930	24	21	1376	2184	3560	998	5105	3805	8710	41		5064	4080	9144	-864	247	1
21	549,910	1390	540	1930	24	22	1366	2214	3580	991	5095	3645	8740	41		5054	4118	9172	-874	247	1
22	547,340	1380	540	1920	23	23	1357	2183	3540	984	4686	3734	8420	37		4648	4450	9099	-570	227	
23	544,530	1370	550	1920	23	24	1347	2153	3500	977	3260	3790	7050	26		3234	4663	7897	-537	158	
24	541,960	1360	550	1910	23	25	1337	2143	3480	974	2650	3760	6410	21		2629	4234	6863	-560	128	
25	539,150	1350	550	1900	23	26	1327	2133	3460	971	2135	3645	5780	17		2118	4261	6379	-554	103	
26	536,340	1360	540	1900	23	27	1337	2123	3460	969	1437	3643	5080	11		1426	4320	5746	-247	70	
27	533,530	1360	530	1890	23	28	1337	2143	3480	969	1437	3593	5030	11		1426	4117	5543	-248	70	
28	530,730	1370	520	1890	23	29	1347	2253	3600	969	643	3517	4160	5		636	4484	5122	-243	31	
29	527,930	1380	510	1890	23	30	1357	2183	3540	970	549	3641	4190	4		545	4117	4662	-341	27	
30	525,370	1340	500	1840	23	OCT 1	1317			972									-355		
TOTAL PLATE 13		148,086			(820)		(47,266)				(132,160)			(1056)	(0)	(131,104)			(-12,914)	(8,198)	(3)
TOTAL FOR SEASON		46,375			2490		143,885				294,295			2362	564	291,369			-12,013	4,213	15

OF DATA AT AND BETWEEN SNAKE RIVER GAGING STA

24 HOUR SECOND-FEET EXCEPT AS NOTED

WHEAT TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	DATE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO HEELEY		DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-Feet	SNAKE RIVER AT HEELEY			LAKE WALCOTT CONTENTS ACRE-Feet
STORING LOSS	STORING DIVERSIONS		STORING	NORMAL	TOTAL	STORING LOSS	STORING DIVERSIONS				STORING	NORMAL	TOTAL	CALCULATED INFLOW	STORING DIVERSIONS			STORING	NORMAL	TOTAL	
242	1454	AUG 31	2894	1086	3960	174	1555	1155													
227	1413	SEPT 1	2811	1239	3910	157	1499	955	SEPT 1	102	948	292	1240	2581	56	SEPT 2	570	8327	2873	12200	92,380
222	1328	2	2806	1284	3870	158	1510	940	2	122	948	312	1260	2576	56	3	553	9312	2888	12200	92,090
213	1198	3	2833	1307	3940	158	1513	962	3	89	1061	279	1340	2592	56	4	537	9129	2871	12000	91,250
218	1219	4	2709	1041	3750	163	1183	1363	4	40	920	230	1150	2564	53	5	521	9206	2794	12000	91,250
223	1289	5	2737	713	3450	164	1178	1395	5	30	606	220	826	2563	40	6	504	9217	2793	12000	91,480
225	1393	6	2674	626	3300	160	1622	892	6	15	311	205	516	2571	40	7	487	9224	2776	11700	91,900
245	1409	7	3055	205	3260	183	1680	1192	7	10	155	200	355	2581	40	8	471	7819	2781	10400	91,950
242	1468	8	2899	361	3260	174	1662	1063	8	9	103	199	302	2582	40	9	456	7919	2781	10200	91,920
88	1400	9	1897	1733	3630	114	1620	163	9	17	138	207	345	2600	38	10	441	8993	2807	11700	92,620
159	880	10	1872	2238	4110	112	1652	108	10	30	750	220	970	2625	39	11	424	8795	2845	11600	93,320
228	835	11	3415	1675	5090	205	1547	1663	11	26	1404	216	1620	2640	39	12	410	8344	2856	11200	94,490
241	1244	12	3293	1367	4660	198	1408	1687	12	79	2151	269	2420	2835	37	13	399	7396	2904	10800	95,310
239	1232	13	3237	1103	4340	194	1320	1723	13	66	1774	256	2030	2656	37	14	389	8558	2912	9470	95,910
236	1258	14	3167	913	4080	190	1247	1730	14	45	1695	235	1930	2663	37	15	379	6232	2896	9130	95,560
238	1290	15	3048	892	3940	183	1216	1649	15	46	1444	236	1680	2665	36	16	370	6138	2901	9040	94,720
247	1289	16	3132	808	3940	188	1215	1729	16	56	1344	246	1590	2672	37	17	360	6062	2916	9000	94,490
252	1310	17	3234	676	3910	194	1266	1774	17	44	1276	234	1510	2679	36	18	351	5967	2913	8920	93,760
247	1302	18	3168	532	3700	190	1354	1624	18	23	1137	213	1350	2697	36	19	341	6510	2910	9420	92,860
252	1440	19	3076	554	3630	185	1444	1447	19	18	822	208	1030	2692	36	20	332	6660	2900	9590	93,670
252	1489	20	3048	512	3560	183	1460	1405	20	52	696	242	938	2711	36	21	321	6517	2983	9470	94,020
252	1463	21	2662	1038	3700	160	1946	556	21	78	732	268	1000	2756	36	22	310	6016	3024	9040	94,950
247	1474	22	2479	1781	4260	149	1873	457	22	97	1083	287	1370	2740	36	23	300	5243	3027	8270	95,670
247	1181	23	2752	2468	5220	165	1735	852	23	116	1784	306	2090	2785	36	24	292	4389	3071	7470	95,910
227	959	24	2893	2807	5700	174	1018	1701	24	131	2679	321	3000	2778	36	25	286	4151	3099	7250	95,070
158	645	25	1894	2986	4880	114	1010	770	25	88	2694	276	2970	2785	36	26	282	4149	3061	7210	95,140
128	482	26	1459	2831	4290	88	958	413	26	71	1969	261	2230	2793	36	27	278	4156	3054	7210	95,390
103	398	27	1063	2827	3890	64	891	108	27	52	1688	242	1930	2796	36	28	274	3682	3038	6720	92,390
70	429	28	680	2910	3590	41	814	-175	28	72	1548	262	1810	2800	36	29	269	3338	3062	6400	91,690
70	433	29	675	2845	3520	40	706	-687	29	121	1629	311	1940	2843	36	30	265	3246	3154	6400	92,510
31	388	30	-24	3364	3340	-1	664	-168	30	128	1802	318	2120	2844	36						
27	354	OCT. 1	-177			-11		-315													
		2	-335			-20															
18,398	(35,366)		(76,426)			(4,588)	(41,766)	(30,072)					(37,291)		(1185)			892,608			
													45,523		8149			801,028			
14,213	23,397		131,746			7,912	78,311	45,523													

STATIONS

1962

LAKE WALCOTT CONTENTS ACRE-Feet	MINIDOKA CANALS					SNAKE RIVER NEAR MINIDOKA			DATE	MILNER LAKE GAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY					TWIN FALLS CANAL COMPANY			
	NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL
92,590	1230	1250	2480	2480	0	6327	2873	9200	SEPT 3	10.70	205	2	1600	0	1600	53	920	2700	3673	3335	338	978	2535	351
93,090	1250	1250	2500	2500	0	6362	2868	9450	4	10.80	203	2	1610	0	1610	53	940	2700	3693	3353	340	982	2548	351
94,250	1320	1260	2580	2580	0	6579	2871	9450	5	10.88	199	2	1620	0	1620	53	960	2650	3683	3325	338	967	2533	349
94,250	1360	1260	2620	2620	0	6626	2794	9420	6	10.94	200	2	1620	0	1620	53	980	2640	3673	3344	329	1015	2455	349
94,490	1340	1260	2600	2600	0	6537	2783	9320	7	10.88	186	2	1620	0	1620	53	970	2620	3643	3316	327	1024	2456	349
93,900	1230	1250	2480	2480	0	6364	2776	9140	8	10.96	179	2	1620	0	1620	51	980	2590	3621	3294	327	1031	2449	344
94,950	1140	1240	2380	2380	0	6059	2781	8840	9	10.83	179	2	1610	0	1610	51	980	2540	3551	3224	327	1006	2454	344
91,920	1090	1180	2270	2270	0	5799	2781	8580	10	10.68	173	2	1610	0	1610	51	950	2480	3481	3154	327	986	2454	344
92,620	1050	1120	2170	2170	0	5923	2807	8730	11	10.72	155	2	1580	0	1580	51	930	2450	3441	3111	330	923	2477	344
93,320	1020	1110	2130	2130	0	6085	2845	8930	12	10.96	155		1580	0	1580	50	940	2450	3440	3105	336	870	2510	332
94,490	998	1090	2088	2088	0	5874	2856	8730	13	11.10	140		1590	0	1590	48	970	2390	3408	3072	336	790	2550	332
95,310	882	1040	1922	1922	0	5216	2904	8120	14	11.03	136		1580	0	1580	48	960	2250	3258	2916	342	638	2662	322
95,910	808	889	1697	1697	0	4818	2912	7730	15	10.96	125		1500	0	1500	48	940	2250	3238	2895	343	591	2669	311
95,550	775	851	1626	1626	0	4832	2898	7730	16	10.84	125		1460	0	1460	48	950	2260	3258	2917	341	573	2657	311
94,720	801	824	1625	1625	0	4829	2901	7730	17	10.81	117		1460	0	1460	48	960	2240	3248	2907	341	570	2660	311
94,490	838	819	1657	1657	0	4782	2918	7700	18	10.84	122		1470	0	1470	48	970	2230	3248	2905	343	405	2675	299
93,790	920	804	1724	1724	0	4707	2913	7620	19	10.78	123		1460	0	1460	46	970	2220	3236	2893	343	340	2670	299
92,660	989	796	1785	1785	0	4710	2910	7620	20	10.76	123		1460	0	1460	46	980	2210	3216	2874	342	352	2668	299
93,670	858	796	1654	1654	0	4690	2900	7590	21	10.75	123		1460	0	1460	43	960	2130	3133	2792	341	521	2589	299
94,020	740	758	1498	1498	0	4697	2953	7650	22	10.86	97		1410	0	1410	43	940	2020	3003	2656	347	154	2606	299
94,950	688	725	1413	1413	0	4376	3024	7400	23	11.02	97		1380	0	1380	43	900	1910	2853	2497	356	22	2668	299
95,670	658	658	1324	1324	0	3753	3027	6780	24	10.94	91		1410	0	1410	43	900	1700	2643	2286	307	0	2670	299
95,670	658	658	1324	1324	0	3329	3071	6400	25	10.80	82		1420	0	1420	43	880	1670	2593	2072	321	0	2680	299
95,910	656	660	1326	1326	0	3301	3099	6400	26	10.69	76		1420	0	1420	43	870	1660	2573	1904	369	0	2480	299
95,070	636	660	1296	1296	0	3339	3061	6400	27	10.69	70		1420	0	1420	0	850	1670	2520	1819	701	0	2380	299
94,140	662	663	1325	1325	0	3426	3054	6480	28	10.69	65		1420	0	1420		850	1670	2520	1766	764	0	2280	299
93,090	670	671	1341	1341	0	2672	3038	5710	29	10.20	65		470	0	470		820	1620	2440	1482	958	0	2080	299
92,590	714	660	1374	1374	0	2198	3062	5260	30	10.75	65		0	0	0		840	1660	2490	1428	1062	0	2000	299
91,690	718	614	1332	1332	0	1966	3154	5120																
92,510	668	612	1280	1280	0																			

PLATE NO. 13

AL	QUAL	TWIN FALLS CANAL COMPANY		MILNER LOW LIFT		SNAKE RIVER AT MILNER	
		STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
00	138	975	2535	3510	186	0	186
00	140	982	2548	3530	182	0	182
00	138	957	2533	3490	182	0	182
00	129	1015	2465	3480	182	0	182
00	127	1024	2456	3480	182	0	182
00	127	1031	2449	3480	173	0	173
00	127	1006	2454	3460	169	0	169
00	127	986	2454	3440	163	0	163
00	130	923	2477	3400	160	0	160
00	136	870	2510	3380	160	0	160
00	136	790	2520	3310	160	0	160
00	142	638	2562	3200	160	0	160
70	143	591	2569	3160	154	0	154
30	141	573	2557	3130	143	0	143
40	141	570	2560	3100	138	0	138
00	143	405	2575	2980	135	0	135
00	143	340	2570	2910	135	0	135
20	142	352	2568	2920	135	0	135
60	141	321	2559	2880	127	0	127
70	147	154	2606	2760	112	0	112
40	156	22	2668	2690	112	0	112
70	157	0	2670	2670	112	0	112
70	121	0	2550	2550	110	0	110
50	169	0	2430	2430	104	0	104
10	170	0	2360	2360	104	0	104
10	164	0	2290	2290	110	0	110
20	158	0	2080	2080	111	0	111
00	162	0	2000	2000	99	0	99

(14,525)

(4000)

(11,796)

80,112

20,993

32,487

JULY

[illegible]

1962

24 HOUR SECOND-FLY EXCEPT AS NOTED

AUGUST

SEPTEMBER

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

HEN

DATE	HENRYS LAKE CONTENTS ACRE-Feet	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	STORED DIVERSIONS ABOVE ISLAND PARK	FM. DIST. SHERIDAN CREEK RIGHT	STORED INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-Feet	HENRYS FORK NEAR ISLAND PARK			ISLAND PARK TO ASHTON		DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE	
		STORED	NORMAL	TOTAL							STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL		
JULY 4																					
5									JULY 5	134,160	39	520	558	1			JULY 6	37	553	1,620	(1)
6									6	133,990	218	500	718	5			7	213	257	1,470	
7									7	133,270	346	500	846	9	5	6	334	1,386	1,720		
8				30			10	12	2	8	132,470	550	500	1,050	14	5	9	531	1,429	1,960	
9		15	45	60	1		10	12	2	9	131,440	660	500	1,160	16	5	10	639	1,401	2,040	
10		62	45	107	2		10	12	16	10	130,010	620	550	1,170	16	5	11	599	1,471	2,020	
11		62	45	107	3		10	12	62	11	128,980	640	550	1,190	16	5	12	619	1,421	2,040	
12		62	45	107	2		10	12	61	12	127,680	720	540	1,260	18	5	13	697	1,703	2,400	
13		62	45	107	3		10	12	62	13	126,180	280	1,000	1,280	7	5	14	288	2,052	2,320	
14		62	45	107	2		10	12	61	14	125,780	220	800	1,020	6	5	15	209	1,731	1,940	
15		62	45	107	3		10	12	62	15	125,400	310	700	1,010	8	5	16	297	1,623	1,920	
16	75,600	64	45	109	2		10	12	61	16	124,520	308	600	908	8	5	17	292	1,588	1,880	
17		66	45	111	3		20	12	54	17	124,090	292	550	842	7	8	18	277	1,553	1,730	
18		64	45	109	2		20	12	55	18	123,580	302	540	842	8	8	19	266	1,444	1,730	
19		64	45	109	3		20	12	54	19	123,020	388	520	908	10	8	20	370	1,360	1,730	
20		62	45	107	2		20	12	53	20	122,410	540	500	1,040	14	8	21	518	1,422	1,940	
21		59	45	104	3		20	12	52	21	121,270	740	500	1,240	18	8	22	714	1,486	2,200	
22		59	45	104	2		20	12	48	22	119,840	800	500	1,300	20	8	23	772	1,368	2,140	
23		59	45	104	3		20	12	49	23	118,640	890	500	1,390	22	8	24	860	1,500	2,360	
24		61	45	106	3		20	12	50	24	116,780	910	600	1,510	23	8	25	879	1,521	2,400	
25		59	45	104	2		20	12	49	25	115,080	970	650	1,620	24	8	26	938	1,592	2,550	
26	74,400	61	45	106	3		20	12	50	26	113,260	930	690	1,620	23	6	27	901	1,589	2,490	
27		69	45	114	3		20	12	50	27	111,520	860	680	1,540	22	6	28	832	1,536	2,470	
28		78	45	123	3		20	12	58	28	110,020	830	670	1,500	21	6	29	803	1,497	2,300	
29		78	45	123	3		20	12	67	29	108,440	670	640	1,310	16	6	30	848	1,512	2,160	
30		78	45	123	3		20	12	67	30	107,100	550	600	1,150	14	6	31	530	1,170	1,900	
31		78	45	123	3		20	12	67	31	106,340	318	560	878	8	5	AUG 1	304	1,156	1,660	
AUG 1		81	40	121	3		20	12	67	AUG 1	105,920	278	540	818	7	5	2	266	1,364	1,630	
2		81	40	121	3		20	12	70	2	105,360	364	520	884	9	5	3	350	1,440	1,790	
3		81	40	121	3		20	12	70	3	104,800	500	500	1,000	12	5	4	483	1,397	1,880	
4		81	40	121	3		20	12	70	4	103,970	590	500	1,090	14	5	5	571	1,449	2,020	
5		90	40	130	4		20	12	78	5	103,000	710	480	1,190	18	5	6	687	1,553	2,240	
6		90	40	130	4		20	12	78	6	101,710	820	480	1,300	20	5	7	795	1,405	2,200	
7		88	40	128	4		15	12	81	7	100,420	920	480	1,400	23	5	8	892	1,528	2,420	
8		88	40	128	4		15	12	81	8	98,740	1,030	500	1,530	26	5	9	999	1,381	2,380	
9		85	40	125	4		15	12	78	9	97,020	970	500	1,470	24	5	10	941	1,459	2,400	
10	71,800	81	40	121	3		15	12	75	10	95,240	910	540	1,450	23	5	11	882	1,488	2,320	
11		81	40	121	3		15	12	75	11	93,740	890	520	1,410	22	5	12	863	1,437	2,300	
12		81	40	121	3		15	12	75	12	92,200	880	520	1,400	22	5	13	853	1,517	2,240	
13		81	40	121	3		15	12	75	13	90,730	530	570	1,100	13	5	14	812	1,488	1,700	
14		81	40	121	3		15	12	75	14	89,910	446	540	986	11	5	15	430	1,440	1,770	
15		81	40	121	3		15	12	75	15	89,220	466	520	986	12	5	16	449	1,411	1,790	
16		81	40	121	3		15	12	75	16	88,530	486	500	986	12	5	17	468	1,391	1,880	
17		81	40	121	3		15	12	79	17	87,660	590	480	1,060	14	5	18	561	1,309	1,900	
18		81	40	121	4		15	12	77	18	86,540	620	470	1,090	16	5	19	599	1,321	1,920	
19		86	35	119	4		15	12	77	19	85,440	620	460	1,080	16	5	20	599	1,301	1,900	
20		84	35	119	4		15	12	76	20	84,420	620	460	1,080	16	5	21	599	1,301	1,900	
21		84	35	117	3		15	12	76	21	83,270	610	460	1,070	15	5	22	590	1,310	1,900	
22		82	35	117	3																
23		82	35	117																	

HENRYS FORK - DAILY SEGREGATION OF FLOW 1962

24 HOUR SECOND-FOET EXCEPT AS NOTED

ASHTON	TOTAL	GRASSY LAKE STORAGE RELEASE (1)	STORED DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			STORED DIVERSIONS ST. ANTHONY TO REXBURG		DATE	HENRYS FORK NEAR REXBURG		
				STORED	NORMAL	TOTAL	HENRYS FORK	TETON RIVER		STORED	NORMAL	TOTAL
383	1,630			37	833	870			JULY 7	37	1,053	1,090
384	1,470		165	48	792	840			8	48	836	884
386	1,720		223	111	769	880			9	43	847	890
389	1,960		253	278	792	1,070	31	68	10	158	780	938
391	2,040		266	373	847	1,220	35	88	11	250	748	998
392	2,020		244	355	815	1,170	116	55	12	184	658	842
393	2,040		257	362	748	1,110	111	56	13	195	677	872
394	2,400		233	484	966	1,430	111	52	14	301	1,949	2,250
395	2,320		165	103	2,527	2,630	1	43	15	59	3,281	3,340
396	1,940		151	58	2,042	2,100	1	63	16	8	3,246	3,240
397	1,920		166	131	1,679	1,810	0	34	17	97	2,553	2,650
398	1,680		8	284	1,076	1,360		26	18	258	1,632	1,890
399	1,730		8	269	811	1,080		17	19	252	1,348	1,600
400	1,730		29	257	717	974		29	20	228	1,152	1,380
401	1,730		24	346	568	914	0	23	21	323	737	1,060
402	1,940		253	265	615	880	1	19	22	245	869	914
403	2,200		257	457	553	1,010	1	16	23	440	414	854
404	2,140		254	518	372	890	10	19	24	489	166	655
405	2,380		291	569	417	986	22	20	25	527	163	710
406	2,400		516	363	647	1,010	22	10	26	331	505	836
407	2,530		408	532	698	1,230	64	302	27	166	1,204	1,370
408	2,490	56	326	641	849	1,490	0	301	28	340	1,720	2,060
409	2,470	66	255	643	1,077	1,720		232	29	411	2,079	2,490
410	2,300	72	243	632	1,118	1,750		186	30	446	1,834	2,280
411	2,160	72	202	518	1,082	1,600		170	31	348	1,642	1,990
412	1,900	72	202	400	920	1,320	0	197	AUG. 1	203	1,267	1,470
413	1,560	72	259	117	881	998	1	16	2	100	1,110	1,210
414	1,530	76	256	86	794	880	1	10	3	75	899	974
415	1,790	76	278	148	722	870	1	110	4	37	829	866
416	1,880	76	384	175	645	820	2	218	5	45	837	792
417	2,020	73	583	261	619	880	13	231	6	17	861	878
418	2,240	73	409	351	709	1,060	26	237	7	88	912	1,000
419	2,200	73	472	396	744	1,140	45	237	8	114	854	968
420	2,420	73	408	557	623	1,180	41	260	9	256	804	1,060
421	2,380	73	657	415	785	1,200	394	279	10	-259	1,328	1,070
422	2,400	73	672	342	908	1,250	398	288	11	-324	1,724	1,400
423	2,320	73	644	311	1,019	1,330	293	280	12	-262	1,782	1,520
424	2,300	73	583	353	947	1,300	298	335	13	-280	1,790	1,510
425	2,240	73	587	339	961	1,300	256	262	14	-179	1,529	1,350
426	1,700	73	379	6	946	950	240	231	15	-465	1,519	1,050
427	1,770	73	607	-104	1,006	902	200	226	16	-530	1,550	1,020
428	1,790	73	606	-84	988	902	200	194	17	-478	1,518	1,040
429	1,860	73	595	-53	1,015	962	176	179	18	-408	1,538	1,130
430	1,900	73	591	43	977	1,020	175	178	19	-310	1,530	1,220
431	1,920	73	581	91	959	1,050	168	143	20	-218	1,528	1,310
432	1,820	73	559	113	947	1,060	161	140	21	-188	1,488	1,300
433	1,800	65	523	141	879	1,020	150	134	22	-143	1,403	1,260
434	1,900		549	41	969	1,010	127	136	23	-222	1,552	1,330

DATE	HENRYS LAKE CONTENTS ACRE-FOET	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	STORED DIVERSIONS ABOVE ISLAND PARK	T.M. DIST. CREEK RIGHT	ST. ANTHONY
		STORED	NORMAL	TOTAL				
AUG 21		82	35	117	3	12	12	
22		80	35	115	3	15	12	
23		79	35	114	3	15	12	
24		79	35	114	3	15	12	
25		79	35	114	3	15	12	
26		79	35	114	3	15	12	
27	68,800	77	35	112	3	10	12	
28		77	35	112	3	10	12	
29	68,400	77	35	112	3	10	12	
30		77	35	112	3	10	12	
31		77	35	112	3	10	12	
SEPT 1		77	35	112	3	10	12	
2		77	35	112	3	5	12	
3		76	35	111	3	0	12	
4		76	35	111	3		12	
5		76	35	111	3		12	
6	66,400	29	35	64	1		12	
7				12			12	
8							12	
9							12	
10							12	
11							12	
12							12	
13							12	
14							12	
15							12	
16							12	
17							12	
18							12	
19							12	
20							12	
21							12	
22							12	
23							12	
24							12	
25							12	
26							12	
27							12	
28							12	
TOTAL		4,392				176	883	

M. DIST.	STORIED INFLOW TO ISLAND PARK RESERVOIR	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-Feet	HENRYS FORK NEAR ISLAND PARK			ISLAND PARK TO ASHTON		DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE STORAGE RELEASE (1)	STORIED DIVERSIONS ASHTON TO ST. ANTHONY	HENRYS FORK AT ST. ANTHONY			STORIED DIVERSIONS ST. ANTHONY TO REXBURG		DATE	HENRYS FORK NEAR REXBURG				
				STORIED	NORMAL	TOTAL	STORIED LOSS	STORIED DIVERSIONS		STORIED	NORMAL	TOTAL			HENRYS FORK	TETON RIVER	STORIED	NORMAL	TOTAL						
12	76	AUG 22	83,080	600	470	1,070	15	5	AUG 23	580	1,360	1,940		546	34	1,016	1,050	125	133	AUG 24	-224	1,614	1,390		
12	74	23	81,430	560	470	1,030	14	5	24	541	1,339	1,880		545	-4	1,034	1,030	125	123	25	-252	1,502	1,250		
12	74	24	80,480	528	470	998	13	5	25	510	1,350	1,860		523	-13	1,083	1,070	146	110	26	-271	1,541	1,270		
12	73	25	79,730	468	470	938	12	5	26	451	1,279	1,730		511	-60	1,090	1,030	172	114	27	-345	1,526	1,180		
12	73	26	78,920	432	470	902	11	5	27	416	1,354	1,770		521	-105	1,135	1,030	175	135	28	-415	1,505	1,180		
12	76	27	78,170	432	470	902	11	5	28	416	1,414	1,830		497	-81	1,131	1,030	155	104	29	-442	1,600	1,260		
12	76	28	77,460	420	470	890	10	5	29	405	1,405	1,810		506	-101	1,191	1,090	168	102	30	-361	1,641	1,300		
12	76	29	76,750	372	470	842	9	5	30	358	1,342	1,700		485	-127	1,197	1,070	155	117	31	-393	1,659	1,290		
12	76	30	76,300	324	470	794	8	5	31	311	1,339	1,650		423	-122	1,132	1,020	155	124	SEPT 1	-401	1,641	1,240		
12	76	31	75,910	336	470	806	8	5	SEPT 1	323	1,377	1,700		366	-43	1,113	1,070	155	124	2	-322	1,562	1,280		
12	76	1	75,410	326	480	806	8	4	2	314	1,366	1,680		401	-87	1,157	1,070	138	94	3	-315	1,569	1,250		
12	76	2	75,020	326	480	806	8	4	3	314	1,346	1,660		388	-74	1,134	1,060	138	103	4	-315	1,445	1,130		
12	81	3	74,410	326	480	806	8	3	4	315	1,365	1,680		407	-92	1,102	1,010	138	86	5	-316	1,336	990		
12	85	4	73,970	316	490	806	8	1	5	307	1,371	1,680		412	-105	1,079	974	135	78	6	-318	1,274	958		
12	85	5	73,590	294	490	784	7	0	6	287	1,343	1,630		426	-139	1,041	902	135	80	7	-354	1,214	890		
12	85	6	73,150	260	490	750	6		7	254	1,326	1,580		433	-179	979	800	128	68	8	-375	1,172	792		
12	40	7	72,770	340	490	830	8		8	332	1,418	1,750		473	-141	981	840	131	82	9	-354	1,404	1,050		
12	12	8	71,900	484	490	974	12		9	472	1,448	1,920		443	29	969	998	119	97	10	-187	1,517	1,330		
12	12	9	70,850	478	490	968	12		10	488	1,454	1,920		418	48	1,062	1,110	83	117	11	-152	1,672	1,320		
12	12	10	69,960	383	485	878	10		11	373	1,287	1,660		401	-28	1,138	1,110	64	82	12	-184	1,624	1,440		
12	12	11	69,600	298	480	778	7		12	291	1,339	1,630		385	-94	1,184	1,090	44	85	13	-223	1,713	1,490		
12	12	12	68,560	194	480	674	5		13	189	1,251	1,440		374	-185	1,245	1,060	54	61	14	-300	1,630	1,350		
12	12	13	68,410	104	480	584	3		14	101	1,239	1,340		375	-274	1,212	938	63	63	15	-400	1,610	1,210		
12	12	14	68,360	104	480	584	3		15	101	1,239	1,340		347	-246	1,196	950	63	58	16	-367	1,577	1,210		
12	12	15	68,160	109	480	589	3		16	106	1,254	1,360		340	-234	1,160	926	63	54	17	-351	1,441	1,090		
12	12	16	67,950	109	480	589	3		17	108	1,234	1,340		364	-258	1,128	870	85	52	18	-395	1,415	1,020		
12	12	17	67,850	109	480	589	3		18	106	1,174	1,280		349	-243	1,093	850	85	49	19	-378	1,398	1,020		
12	12	18	67,640	98	486	584	2		19	96	1,134	1,230		612	-516	1,386	870	209	45	20	-770	1,560	980		
12	12	19	67,440	52	490	542	1		20	51	1,209	1,260		597	-546	1,296	750	235	42	21	-964	1,672	1,130		
12	12	20	67,440	120	490	610	3		21	117	1,433	1,550		594	-477	1,379	902	281	118	22	-874	2,014	1,180		
12	12	21	66,340	316	490	806	8		22	308	1,322	1,630		559	-261	1,321	1,060	209	100	23	-570	1,880	1,290		
12	12	22	66,300	255	490	745	6		23	249	1,231	1,480		541	-292	1,268	974	163	82	24	-397	1,777	1,240		
12	12	23	66,040	206	490	696	5		24	201	1,239	1,440		526	-325	1,251	926	162	73	25	-380	1,610	1,230		
12	12	24	65,550	163	490	653	4		25	159	1,221	1,380		505	-348	1,248	902	156	54	26	-559	1,734	1,180		
12	12	25	65,300	105	490	595	3		26	102	1,258	1,360		253	-151	1,011	860	41	53	27	-247	1,417	1,170		
12	12	26	65,160	105	490	595	3		27	102	1,238	1,340		253	-151	1,011	860	41	55	28	-245	1,386	1,240		
12	12	27	64,980	105	490	595	3		28	102	1,278	1,380		252	-150	1,010	860	41	52	29	-243	1,363	1,300		
12	12	28	64,770						29	0	1,380	1,380		250	-250	1,260	1,010	41	50	30	-341	1,621	1,590		
12	12	29	64,870						30	0	1,210	1,210		248	-249	1,245	998	40	47	OCT 1	-335				

STORAGE DIVERS

- (1) PALISADES RESERVOIR
- (2) INCLUDES WATER PUMPED FROM CONANT CREEK
- (3) 300 A.F. DRAFT FROM INDIAN LAKE AND BERGMAN RESERVOIR;
100 A.F. TRANSFERRED FROM MARYSVILLE

1962

24 HOUR SECOND- FEET EXCEPT AS NOTED

AUGUST

(4) TRANSFER 100 A.F. FROM FALL RIVER CANAL TO ALMY
(5) JACKSON LAKE 5,883 A.F.; AMERICAN FALLS 10,188 A.F.
(6) TRANSFER 50 A.F. FROM CUR; 50 FROM SILKEY

(7) TRANSFER 100 A.F. TO ALMY; 200 TO CHESTER
(8) TRANSFER 200 A.F. FROM FALL RIVER CANAL
(9) TRANSFER 50 A.F. TO BELL

- (10) TRANSFER 530.47
- (11) TRANSFER 750.4
- (12) TRANSFER 100.4

1962

PLATE NO. 22

SEPTEMBER																														NO.	TOTAL		RESERVOIR ALLOTMENTS IN ACRE-FEET				
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	SECOND- FEET	ACRE- FEET	FREMONT MADISON	HENRY'S LAKE	OTHER RIGHTS	RENTALS	TOTAL		HEADGATE EQUIVALENT						
																							1	885	1,755	1,510		(1) 1,323	2,833	2,762							
																							2	328	651	786			786	786							
																							3	140	278	313			313	305							
																							4	232	460	510			510	497							
																							5	476	944	1,745			1,745	1,701							
																							6	62	123	130			130	127							
																							7	(2) 255	506	240		(3) 400	640	624							
																							8	516	1,023	1,548			1,548	1,509							
																							9	5,474	10,858	19,503		(2) -100	19,403	18,918							
																							10	2,204	4,372	8,104			8,104	7,901							
																							11	86	171	80		(4) 100	180	176							
																							12	11,528	22,865	10,028		(5) 16,071	26,099	24,843							
																							13	120	238	140		(6) 100	240	234							
																							14	1,686	3,344	8,040		(7) -300	7,740	7,546							
																							15	826	1,638	1,528		(8) 200	1,728	1,685							
																							16	3	6	511		(9) -50	461	449							
																							17	0	0	50		(9) -50	0	0							
																							18	1,056	2,095	619	1,040	(10) 530	2,189	2,093							
																							19	3,496	6,934	1,860	10,069	(10) -530	11,399	10,722							
																							20	0	0	3,453	4,885		8,338	7,939							
																							21	3,160	6,268	5,684		(11) 750	6,434	6,273							
																							22	741	1,470	5,777		(11) -750	5,027	4,901							
																							23	1,387	2,751	7,699	17,601		25,300	23,982							
																							24	33,446	66,344	77,562	33,595	16,371	0	127,528	122,425						
																							25	69	137	2,446	4,885		7,331	6,957							
																							26	6,898	13,682	9,270	19,556		28,826	27,342							
																							27	1,718	3,408	5,288	14,664	(13) -300	13,652	13,689							
																							28	14	28	28			28	27							
																							29	8,699	17,255	17,032	39,105	-300	55,837	52,915							

(10) TRANSFER 530 A.F. FROM LAST CHANCE TO DEWEY

(13) TRANSFER 300 A.F. TO ROXANA

- (10) TRANSFER 530 A.F. FROM LAST CHANCE TO DEWEY
 (11) TRANSFER 750 A.F. FROM TWIN GROVES TO FARMERS FRIEND
 (12) TRANSFER 100 A.F. TO SQUIRREL CREEK CANAL

(13) TRANSFER 300 A.F. TO ROXANA

STORAGE DIVERSIONS FROM TETON RIVER

1962

AUGUST

24 HOUR SECOND-FOOT EXCEPT AS NOTED

SEPTEMBER

AUGUST																															SEPTEMBER																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
35	35	33	30	38	38	38	38	33	33	39	33	28	27	27	26	25	23	23	31	35	34	31	27	26	24	20	20	20	20	20	20	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20			
2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
2	2	2	2	2	3	3	3	3	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
53	53	51	46	50	50	50	50	46	44	49	43	38	38	37	35	34	32	32	37	41	37	34	30	29	30	27	27	27	27	27	27	22	22	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
6	6	33	33	31	28	31	31	31	28	27	30	26	23	23	23	22	21	20	20	23	25	23	21	18	18	18	17	17	17	17	17	17	14	14	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
12	12	12	12	12	12	12	12	10	10	10	10	10	10	10	9	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
18	18	45	45	43	40	43	41	41	38	37	40	36	33	33	32	30	29	28	28	30	33	31	29	26	26	26	25	25	24	24	24	21	21	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
87	87	78	149	159	149	89	82	82	84	89	108	108	112	110	102	100	76	20	25	33	22	23	27	27	14	14	14	11	6	8	82	102	121	100	78	80	82	86	110	123	64	5									
114	88	71	122	182	220	195	225	190	134	163	160	243	242	224	269	238	280	167	149	154	181	185	169	166	137	148	80	66	55	41	95	149	204	212	218	215	213	192	170	148	118	89									
54	50	47	50	47	46	38	39	39	39	38	44	5	0	0	12	13	11	9	29	23	30	26	26	28	33	25	22	24	23	21	22	27	35	39	25	25	0														
					0	7	5	4	3	5	5	6	0	0	3	2	0				0	5	4	0		0	2	0	0	2	2	0	0	7	0																
9	9	7	9	9	8	0		0	2	1	1	0							0	1	0		0	8	0	1	0		0	5	8	13	15	16	9	1	0														
10	8	6	7	7	7	6	5	5	5	5	5	6	5	7	7	4	4	1	1	0	0	1	12	12	1	11	3	3	8	1	7	2	3	3	2	0															
5	3	3	3	8	8	8	5	3	3	3	4	7	6	6	6	6	4	2	3	3	1	2	2	4	2	2	1	2	0		0	1	3	3	4	5	5	4	4	3	3										
9	7	5	7	7	7	6	5	5	5	6	7	7	7	7	7	7	5	4	3	3	3	2	2	2	2	2	2	2	2	0		0	1	3	2	1	3	4	3	3	2	1									
0		0	35	35	0					0	5	5	0																																						
4	4	0	0	4	4	0																																													
13	13	15	6	12	11	11	11	9	6	11	6	14	15	12	10	10	10	8	8	7	7	4	0																												
12	12	11	7	4	0																																														
17	23	26	0	35	42	37	38	34	25	4	5	5	6	6	2	4	2	2	25	24	25	25	26	24	21	22	15	15	15	8	8	6	4	5	6	5	5	4	3	3	2										
108	102	94	110	122	82	72	66	54	48	54	57	56	52	43	52	48	44	35	34	0	0	8	20	15	10	10	9	6	2	0	9	13	17	12	8	10	12	11	10	9	12										
1	2	2	2	2	1	2	4	0	1	1	2	3	2	0																																					
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	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		
242	234	223	237	295	219	190	185	156	142	138	107	107	101	104	103	94	82	86	105	71	71	88	98	98	68	78	61	54	56	44	61	76	97	73	66	42	44	39	35	30	27										
260	279	268	280	335	262	231	226	194	176	176	143	140	134	136	133	123	110	114	135	104	102	117	124	124	94	103	86	78	80	68	82	97	117	82	85	61	63	58	54	52	49										

(1) TRANSFER FROM TETON ISLAND FEEDER
(2) TRANSFER FROM TETON IRRIGATION

(3) TRANSFER 300 A.F. TO WILFORD; 1,800 TO REXBURG IRRIGATION
(4) TRANSFER 300 A.F. FROM CONSOLIDATED FARMERS

(5) FROM FALISADES WATER
(6) TRANSFER 200 A.F. TO P
150 TO PINCOCK-BYIN

OPERATION OF CROSS CUT CANAL DURING 1962

PLATE NO 23A

LOCATION	24 HOUR SECOND - FEET																															
	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																																
INFLOW FROM FALL RIVER CANAL																																
NORTH BRANCH DIVERSION	147	147	147	147	152	156	161	184	206	214	222	222	222	222	224	226	230	235	236	242	245	230	216	208	200	184	158	152	152	167	5,918	
MIDDLE BRANCH DIVERSION	56	67	76	86	90	93	96	99	102	108	115	115	115	115	116	116	118	120	120	120	120	116	112	111	110	105	100	96	96	96	100	3,205
BELOW FALL RIVER CANAL DIVERSIONS	44	44	44	44	47	50	52	54	55	55	55	60	65	70	92	114	118	121	121	121	121	99	77	54	31	41	51	61	68	75	86	2,191
CROSS CUT AT END																																

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	31	
DIVERTED AT HEAD	16	15	14	14	13	14	14	15	9	0	0	14	32	52	72	75	77	80	70	61	41	16	29	33	41	40	39	45	49	55		1,045
INFLOW FROM FALL RIVER CANAL	182	181	179	178	177	176	180	183	190	202	208	201	194	189	184	183	181	180	178	174	175	180	173	173	172	165	158	152	147	142		5,337
NORTH BRANCH DIVERSION	103	106	108	111	110	110	112	113	113	114	114	116	117	119	121	122	122	123	116	109	94	79	90	100	113	113	113	113	113	113		3,320
MIDDLE BRANCH DIVERSION	95	90	85	81	80	80	82	85	86	88	89	99	109	122	135	136	136	137	132	126	122	117	112	106	100	92	84	84	83	84		3,057
BELOW FALL RIVER CANAL DIVERSIONS	0																															
CROSS CUT AT END											0	5	0																		0	5

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	59	65	69	73	81	90	85	100	103	106	107	113	144	78	46	46	47	152	154	155	214	226	224	227	228	339	344	344	351	152	4,524		
INFLOW FROM FALL RIVER CANAL	138	133	123	113	112	111	96	91	98	97	89	80	85	101	95	91	85	23	39	28	22	19	20	21	20	27	29	27	28	28	26	2,095	
NORTH BRANCH DIVERSION	112	112	110	108	111	114	108	109	114	116	113	113	121	112	98	98	88	107	110	108	106	125	124	122	122	124	122	114	116	108	107	3,472	
MIDDLE BRANCH DIVERSION	85	86	82	78	82	87	73	82	87	87	83	80	108	67	43	39	44	68	83	75	130	120	120	126	126	101	104	73	97	68	71	2,855	
BELOW FALL RIVER CANAL DIVERSIONS																										0	141	147	184	10	10	0	492
CROSS CUT AT END																										134	137	141	77	3	0	492	

LOCATION	AUGUST																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	177	181	290	298	304	305	306	300	292	265	352	342	339	248	247	246	249	250	250	257	255	258	255	219	202	119	131	137	149	148	145	7,518
DIVERTED AT HEAD	30	25	24	23	22	24	22	23	22	21	29	30	32	31	24	23	26	28	28	34	33	22	23	23	28	33	32	34	27	42	41	659
INFLOW FROM FALL RIVER CANAL	115	115	121	112	112	110	112	110	110	106	103	103	103	111	111	111	112	112	112	115	115	113	113	113	108	100	102	102	99	102	102	3,385
NORTH BRANCH DIVERSION	92	91	94	104	105	102	117	114	111	92	93	92	91	78	76	76	68	46	46	47	47	47	47	47	40	30	34	39	53	63	56	2,231
MIDDLE BRANCH DIVERSION	0	0	99	105	109	117	99	99	93	88	185	177	177	90	84	82	95	120	120	129	126	120	118	82	82	22	27	35	24	25	30	2,759
BELOW FALL RIVER CANAL DIVERSIONS	0	0	0	96	100	106	93	87	87	78	149	159	149	89	82	82	84	89	108	108	112	110	102	100	76	20	25	33	22	23	27	2,398
	SEPTEMBER																															

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	31	TOTAL
DIVERTED AT HEAD	146	130	130	127	130	125	205	310	258	204	195	191	190	194	188	203	204	134	61	132	199	191	197	198	188	198	166	152	152	0	5,096	
INFLOW FROM FALL RIVER CANAL	40	41	42	42	36	24	91	34	35	35	39	43	42	42	53	63	74	64	54	54	55	61	62	62	58	55	58	62	60	60	1,501	
NORTH BRANCH DIVERSION	101	101	101	101	98	96	96	105	102	100	98	96	92	89	90	90	91	82	73	80	87	89	88	88	86	84	84	84	82	40	2,894	
MIDDLE BRANCH DIVERSION	55	54	55	52	54	43	69	88	38	39	46	54	55	56	51	46	41	36	32	56	79	70	71	72	70	70	70	60	60	20	1,662	
BELOW FALL RIVER CANAL DIVERSIONS	30	16	16	16	14	10	91	151	153	100	90	84	85	91	100	130	148	80	10	50	88	93	100	100	90	97	70	70	70	0	2,241	
CROSS CUT AT END	27	14	14	14	11	6	8	82	102	121	100	78	80	82	96	110	123	64	5	44	84	86	89	91	71	51	51	51	50	0	1,905	

SEASON LOSS = 799 + 5,492 = 6,291 (JULY 26 TO SEPT 29)

TOTAL INTO TETON RIVER FOR SEASON = 4,698 S.F. + 9,320 A.F.

SEASON LOSS = 799 + 5,492 = 145% (JULY 26 TO SEPT 29)
TOTAL INTO TETON RIVER FOR SEASON = 4,898 S.F. = 9,120 A.F.

RECORDS - 1962

J U N E

24 HOUR SECOND - FEET

JULY

The image shows a large, detailed flow record chart for June and July 1962. The chart is a grid with columns for days of the month and rows for time intervals. It contains handwritten data entries, including flow rates and cumulative totals, for various locations or stations. The chart is titled "FLOW RECORDS - 1962" and "24 HOUR SECOND - FEET".

The chart is divided into two main sections: JUNE and JULY. The JUNE section covers days 1 through 30, and the JULY section covers days 1 through 31. The rows represent time intervals, with labels such as "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".

The data entries are handwritten numbers, often with decimal points, indicating flow rates or cumulative totals. Some entries are circled or underlined, possibly indicating specific data points of interest. The chart is a standard tool for recording and analyzing flow data over time.

The image shows an open, vintage-style calendar with a grid layout. The left page displays the months of July and August, with dates 1 through 31. The right page displays the months of September and October, with dates 1 through 31. The calendar is printed on aged, yellowed paper. The grid contains numbers for each day of the month, likely representing a specific data set or a calendar of events. The text "AUGUST" is visible at the top of the right page.

NEW IN

ACQUA-PART

PLATE No. 25

[illegible]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	3780	41450	66440	94850	114570	142540	166540	250890	541020	848510	760980	607640
2	4300	42330	67340	95220	114950	143480	167320	254410	553190	849020	756000	604770
3	5160	43210	69120	95950	115320	144630	168100	260200	566850	849280	751260	602380
4	7050	44090	70730	96690	115880	145390	168690	266020	580070	848250	745790	599050
5	8250	44790	72180	97230	116430	146350	169080	273140	590510	848000	740100	596200
6	9630	45500	72900	97970	116810	146930	169660	283400	600000	846720	735900	593330
7	11350	46020	73440	98800	117360	147690	170250	294420	607640	845700	730960	590270
8	12550	46550	74350	100530	118110	149040	171220	305660	614320	843920	725760	586950
9	13580	47080	75070	101080	118850	149800	172000	318110	621490	842390	720580	583630
10	14620	47610	75610	101450	120340	150570	173170	331460	630130	840100	716400	580540
11	15480	47960	76150	101810	122750	151530	173750	344050	639990	837810	711000	577700
12	16510	48310	76690	102360	124980	152300	174340	356280	653970	835260	705840	574860
13	17720	48660	77240	102910	125930	152870	175120	369430	668500	832980	700930	572040
14	19460	49020	77600	103460	127820	153450	175900	379170	684570	832470	695300	569210
15	21370	49540	78140	104560	129330	154020	176680	387140	697500	830430	689930	566380
16	23460	50070	78860	105110	130460	154790	177850	395360	709280	827630	684810	563790
17	24850	50600	80130	105850	131400	155360	179800	402070	720090	824070	679940	560730
18	25890	51130	81210	106390	132350	156130	181940	409670	730210	820770	675060	557670
19	26930	52010	83020	106950	133290	156710	184900	416840	742330	817230	669710	555070
20	27800	53080	85370	108810	134230	157470	188270	425410	754500	813190	664870	552250
21	29670	53970	86630	109560	134990	158240	193220	434430	766450	808640	659300	549910
22	29370	55390	87350	110110	136120	158820	197970	443950	779210	804100	653970	547340
23	30760	57530	87890	110480	138010	159580	202330	451910	791250	799800	648890	544530
24	32150	59490	88810	111040	138760	160350	208160	462390	801820	795010	643600	541960
25	33190	60920	89910	111410	139330	161120	214190	472700	813950	790500	637820	539150
26	34060	61280	90460	111970	139900	161880	222020	482780	825090	786230	632290	536340
27	34940	61990	91190	112340	140650	162650	229170	492010	836030	782720	627240	533530
28	37050	62700	91920	112900	141780	163620	236100	501700	844680	778710	622920	530730
29	38810	63770	93390	113650	142800	164200	242830	511430	847740	774440	619100	527930
30	39860	65200	93940	113650	142800	164200	242830	511430	847740	774440	619100	527930
31	40740		94490	114200		165760	246960	521190	848250	769940	615040	525370

MEAN

678

Year	Area	Yield	Production	Area	Yield	Production
1942	11,420	174	198	14,860	20.5	301,630
1943	10,680	147	155	14,860	20.5	304,630
1944	12,140	138	167	14,860	20.5	304,630
1945	8,190	86.8	706	14,860	20.5	304,630
1946	8,490	5,160	43,800	14,860	20.5	304,630
1947	1,260	26,040	32,400	14,860	20.5	304,630
1948	216,500	3,521	762,292	14,860	20.5	304,630
1949	206,100	3,352	690,792	14,860	20.5	304,630
1950	115,600	1,942	226,532	14,860	20.5	304,630

208	186	208	143	119	119	38	12	3600	2310	1840
208	183	208	143	119	119	40	13	3520	2510	1890
208	183	208	143	119	119	50	16	3560	2530	1890
204	180	204	143	122	122	48	16	3600	3000	1890
204	180	204	143	122	122	56	14	3610	3370	1900
203	180	203	140	122	122	54	15	3630	3370	1900
203	180	203	140	119	119	80	16	3640	3380	1910
203	180	203	137	119	119	90	15	3670	3390	1920
203	180	203	135	119	119	86	14	3700	3390	1920
202	180	202	132	119	119	86	14	3710	3390	1930
202	180	202	132	135	135	82	14	3640	3410	1930
202	180	202	135	148	148	78	14	3630	3420	1940
201	177	201	135	151	151	76	16	3510	3440	1940
198	177	198	137	154	154	76	16	3430	3430	1950
198	177	198	140	154	154	76	15	3440	3440	1950
195	177	195	140	154	154	74	16	3470	3500	1950
195	177	195	140	154	154	72	17	3480	3560	1960
195	174	195	137	157	157	72	21	3480	3560	1960
195	174	195	137	157	157	72	18	3430	3520	1960
195	174	195	135	151	151	92	18	3410	3520	1960
195	168	195	132	151	151	122	20	3430	3590	1960
192	168	192	130	148	148	122	23	3410	3600	1970
189	165	189	130	146	146	122	25	3410	3610	1970
189	165	189	130	146	146	122	27	3420	3520	1970
189	162	189	130	143	143	122	29	3440	3480	1980
189	162	189	171	143	143	119	34	3250	3540	1980
189	162	189	204	143	143	36	34	3170	3580	1980
189	157	189	204	143	143	40	36	3600	3630	1990
186	157	186	208	143	143	39	39	3600	3680	1980
186	157	186	208	143	143	38	38	3720	3710	1990

SHAKE RIVER ABOVE RESERVOIR near ALPINE, WYO.

Year
1933
1934
1935

Mean

Acme-First 3,073,690

4,246

PLATE No. 27

Year	1,879	1,613	1,276	1,195	1,332	1,262	4,303	8,210	10,720	9,105	6,217	3,660
Acme-First	115,600	95,980	78,450	73,470	73,980	77,610	256,000	504,800	637,900	559,800	382,300	217,800

21	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
20	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
19	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
18	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
17	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
16	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
15	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
14	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
13	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
12	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
11	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
10	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
9	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
8	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
7	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
6	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
5	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
4	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
3	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
2	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040
1	1820	1840	1910	2020	1820	1830	1890	1930	1870	1870	1870	1890	1890	1860	1850	1850	1870	1890	1840	1820	1860	1860	1890	1760	1760	1860	1950	2000	2040

GREYS RIVER ABOVE RESERVOIR NEAR ALPINE, WYO.

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

YEAR
1911

MEAN

Above Reservoir

521.160

720

PLATE No. 28

15,060	13,630	12,840	13,630	14,290	78,780	127,200	120,600	60,600	29,820	21,090
245	229	209	245	232	1,324	2,069	2,027	986	485	354

天
地
人
三
才
圖

PLAN

ALONE-LEFT

540,930

747

PLATE No. 29

28,740	28,090	25,680	22,680	23,840	23,080	81,090	104,300	61,760	51,790	47,320	42,560
467	472	418	369	429	375	1,363	1,696	1,038	842	770	715

[illegible]

BEAR CREEK ABOVE RESERVOIR NEAR IRWIN, IDAHO

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

MEAN
QUM
PERIOD

MEAN
ACRE-FOOT

62,510

86.4

PLATE No. 30

MEAN	1,560	1,380	1,330	1,320	2,020	1,880	16,670	19,030	8,920	4,080	2,550	1,770
ACRE-FOOT	25.5	23.3	21.6	21.5	36.3	30.6	280	309	150	66.4	41.5	29.7

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

PALISADES RESERVOIR near IRWIN, IDAHO
(contents in thousands of acre-feet)

YEAR
ON
PRINTED

MEAN

PLATE NO. 31

[illegible][illegible]

CONCLUSION

BYE

ALMA-MA

concepts

4554

35 101 22814

MEAN	1,816	1,197	1,149	1,215	845	3,127	13,260	13,160	11,980	9,755	7,626	
AGE-	111,600	71,210	70,620	74,690	55,620	51,950	186,100	815,200	783,000	736,700	599,800	453,800

[illegible]

Snake River near Heise, Idaho

Year 1900
Mean 6.074
Agave-Per 4,397,400

Plate No. 33

Year	Mean	Agave-Per	Year	Mean	Agave-Per
1900	2,220	1,573	1900	2,220	1,573
1901	136,500	93,580	1901	136,500	93,580
1902	98,700	1,605	1902	98,700	1,605
1903	86,520	1,558	1903	86,520	1,558
1904	76,260	1,240	1904	76,260	1,240
1905	242,700	4,079	1905	242,700	4,079
1906	889,600	14,470	1906	889,600	14,470
1907	812,900	13,660	1907	812,900	13,660
1908	757,700	12,320	1908	757,700	12,320
1909	620,800	10,100	1909	620,800	10,100
1910	486,700	8,180	1910	486,700	8,180

Year	Mean	Agave-Per	Year	Mean	Agave-Per
1911	2,370	1,590	1911	2,370	1,590
1912	2,350	1,600	1912	2,350	1,600
1913	2,190	1,570	1913	2,190	1,570
1914	2,310	1,570	1914	2,310	1,570
1915	2,290	1,590	1915	2,290	1,590
1916	2,490	1,590	1916	2,490	1,590
1917	2,720	1,560	1917	2,720	1,560
1918	2,770	1,590	1918	2,770	1,590
1919	2,790	1,620	1919	2,790	1,620
1920	2,550	1,590	1920	2,550	1,590
1921	2,390	1,590	1921	2,390	1,590
1922	2,350	1,590	1922	2,350	1,590
1923	2,330	1,570	1923	2,330	1,570
1924	2,080	1,560	1924	2,080	1,560
1925	1,830	1,590	1925	1,830	1,590
1926	1,800	1,600	1926	1,800	1,600
1927	1,820	1,570	1927	1,820	1,570
1928	1,760	1,560	1928	1,760	1,560
1929	1,620	1,540	1929	1,620	1,540
1930	1,700	1,520	1930	1,700	1,520
1931	1,730	1,520	1931	1,730	1,520

1-25000-01 22420 ORIGINAL DRAWING 1-0

NEW IN

А.О.С. - Р.Е.Н.Т.

PLATE No. 34

[illegible][illegible]

15-00000-1

1990

MEAN

А.С.И.И.И.И.И.

21.7

15,722

Plate No. 35

	61	60	61	61	56	61	109	123	670	5,400	7,320	1,740
	1.0	1.0	1.0	1.0	1.0	1.0	1.8	2.0	11.3	87.8	119	29.3

[illegible]

ISLAND PARK RESERVOIR near ISLAND PARK, IDAHO

Year
or
Period

Mean

Acres-Front

PLATE No. 36

Year	Acres-Front	Mean	Period	Year	Acres-Front	Mean	Period

1	13580	18600	31.110	43230	65160	85320	104670	135940	136900	134720	105920	75410
2	13580	18680	31.870	44900	65850	86180	105430	136180	136900	134640	105360	75020
3	13580	18700	32.660	45660	66490	87470	106680	137480	136990	134400	104800	74410
4	13580	18720	33.430	46390	67140	88090	107180	137640	137400	134240	103970	73970
5	13560	18730	34.170	47060	67800	88660	107950	137640	137320	134160	103000	73590
6	13560	18740	34.920	47780	68460	89340	108730	137970	137480	133990	101710	73150
7	13560	18740	35.660	48470	69130	89980	109230	138460	137320	133270	100420	72770
8	13590	18730	36.420	49320	69800	90600	109870	139120	136820	132470	98740	71800
9	13600	18720	37.170	49920	70480	90600	109870	139120	136660	131440	97020	70850
10	13610	18700	37.900	50610	71440	91300	110440	139280	136180	130010	95240	69960
11	13640	18720	38.640	51300	72450	92000	111020	138950	136180	128980	93740	69600
12	13780	18700	39.290	51820	73540	92640	111660	138050	136260	127660	92200	68560
13	13840	18700	39.940	52440	74360	93220	112380	137800	136100	126180	90730	68410
14	13940	18690	40.580	53080	75240	93800	113110	137970	136500	125780	89910	68360
15	13980	18680	41.260	53770	75960	94390	113920	137970	135500	125400	89220	68160
16	14430	19310	41.980	54550	76700	94980	114720	137970	136500	124620	88530	67950
17	15100	20140	42.750	55340	77430	95500	115600	137720	136500	124090	87660	67850
18	15140	20980	43.560	56020	78120	96090	116480	137400	136500	123560	86540	67640
19	17000	21780	44.260	56690	78800	96680	117520	137320	136340	123020	85440	67440
20	17060	22530	45.040	57460	79440	97280	118640	137320	135420	122410	84420	67440
21	17270	23380	45.080	58210	80080	97940	120140	137320	136260	121270	83270	66540
22	17500	24180	44.870	58870	80740	98740	121580	137070	136180	119840	83080	66300
23	17700	25030	44.700	59100	81540	99480	123020	137070	136020	118640	81430	66040
24	17890	25860	44.530	60720	82200	100080	124860	136900	135860	116780	80480	65550
25	17980	25500	44.360	60720	82850	100690	126880	137070	135610	115080	79730	65300
26	18010	27360	44.200	61400	83450	101240	129060	136900	135610	113260	78920	65160
27	18200	28080	44.060	62060	84050	101840	131440	136820	135360	111520	78170	64960
28	18460	28820	43.930	62720	84660	102600	133990	136900	135120	110020	77480	64770
29	18470	29610	43.800	63240	103140	103760	135040	137150	134960	108440	76750	64870
30	18510	30360	43.660	63760	103760	104320	135610	136990	134880	107100	76300	64960
31	18580		43.560	64530				136900		106340	75910	

2000

MEAN

ACME-TEST

356,503

492

PLATE NO. 37

27,310	12,860	8,760	660	728	885	6,000	73,980	51,660	65,930	66,550	41,180
444	216	142	10.7	13.1	14.4	101	1,203	868	1,072	1,082	692

[illegible]

MEAN-

009' 000' 1

1,382

PLATE No. 38

[illegible]

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

NVDN

Acme-Fast.

PLATE No. 39

[illegible][illegible]

NORTH FORK SQUIRREL CREEK near SQUIRREL, IDAHO

Year
1906

Mean
10.7

Acres-Feet
7,738

PLATE No. 40

Year	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	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	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FALLS RIVER BEAR SQUIRREL, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-55960-1

Place No. 41

Year on Period
Mean 802
Acres-Fruit 580,270

Year	Acres-Fruit	Mean	Year	Acres-Fruit	Mean	Year	Acres-Fruit	Mean	Year	Acres-Fruit	Mean
1925	29,040	472	1926	27,400	460	1927	22,690	369	1928	23,150	417
1929	23,150	417	1930	57,890	973	1931	128,600	2,092	1932	121,500	2,043
1933	54,050	879	1934	35,790	582	1935	32,870	552			

Year	Acres-Fruit	Mean	Year	Acres-Fruit	Mean	Year	Acres-Fruit	Mean	Year	Acres-Fruit	Mean
1936	29,040	472	1937	27,400	460	1938	22,690	369	1939	23,150	417
1940	23,150	417	1941	57,890	973	1942	128,600	2,092	1943	121,500	2,043
1944	54,050	879	1945	35,790	582	1946	32,870	552			
1947	29,040	472	1948	27,400	460	1949	22,690	369	1950	23,150	417
1951	23,150	417	1952	57,890	973	1953	128,600	2,092	1954	121,500	2,043
1955	54,050	879	1956	35,790	582	1957	32,870	552			
1958	29,040	472	1959	27,400	460	1960	22,690	369	1961	23,150	417
1962	23,150	417	1963	57,890	973	1964	128,600	2,092	1965	121,500	2,043
1966	54,050	879	1967	35,790	582	1968	32,870	552			
1969	29,040	472	1970	27,400	460	1971	22,690	369	1972	23,150	417
1973	23,150	417	1974	57,890	973	1975	128,600	2,092	1976	121,500	2,043
1977	54,050	879	1978	35,790	582	1979	32,870	552			
1980	29,040	472	1981	27,400	460	1982	22,690	369	1983	23,150	417
1984	23,150	417	1985	57,890	973	1986	128,600	2,092	1987	121,500	2,043
1988	54,050	879	1989	35,790	582	1990	32,870	552			
1991	29,040	472	1992	27,400	460	1993	22,690	369	1994	23,150	417
1995	23,150	417	1996	57,890	973	1997	128,600	2,092	1998	121,500	2,043
1999	54,050	879	2000	35,790	582	2001	32,870	552			
2002	29,040	472	2003	27,400	460	2004	22,690	369	2005	23,150	417
2006	23,150	417	2007	57,890	973	2008	128,600	2,092	2009	121,500	2,043
2010	54,050	879	2011	35,790	582	2012	32,870	552			
2013	29,040	472	2014	27,400	460	2015	22,690	369	2016	23,150	417
2017	23,150	417	2018	57,890	973	2019	128,600	2,092	2020	121,500	2,043
2021	54,050	879	2022	35,790	582	2023	32,870	552			
2024	29,040	472	2025	27,400	460	2026	22,690	369	2027	23,150	417
2028	23,150	417	2029	57,890	973	2030	128,600	2,092	2031	121,500	2,043
2032	54,050	879	2033	35,790	582	2034	32,870	552			
2035	29,040	472	2036	27,400	460	2037	22,690	369	2038	23,150	417
2039	23,150	417	2040	57,890	973	2041	128,600	2,092	2042	121,500	2,043
2043	54,050	879	2044	35,790	582	2045	32,870	552			
2046	29,040	472	2047	27,400	460	2048	22,690	369	2049	23,150	417
2050	23,150	417	2051	57,890	973	2052	128,600	2,092	2053	121,500	2,043
2054	54,050	879	2055	35,790	582	2056	32,870	552			
2057	29,040	472	2058	27,400	460	2059	22,690	369	2060	23,150	417
2061	23,150	417	2062	57,890	973	2063	128,600	2,092	2064	121,500	2,043
2065	54,050	879	2066	35,790	582	2067	32,870	552			
2068	29,040	472	2069	27,400	460	2070	22,690	369	2071	23,150	417
2072	23,150	417	2073	57,890	973	2074	128,600	2,092	2075	121,500	2,043
2076	54,050	879	2077	35,790	582	2078	32,870	552			
2079	29,040	472	2080	27,400	460	2081	22,690	369	2082	23,150	417
2083	23,150	417	2084	57,890	973	2085	128,600	2,092	2086	121,500	2,043
2087	54,050	879	2088	35,790	582	2089	32,870	552			
2090	29,040	472	2091	27,400	460	2092	22,690	369	2093	23,150	417
2094	23,150	417	2095	57,890	973	2096	128,600	2,092	2097	121,500	2,043
2098	54,050	879	2099	35,790	582	2100	32,870	552			

FALLS RIVER NEAR CHESTER, IDAHO

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

YEAR
1900

MEAN

AGREEMENT

490,860

678

PLATE No. 42

25,030	25,600	22,850	21,660	27,020	25,730	75,700	125,900	95,000	21,560	10,630	14,180
407	430	372	352	487	419	1,272	2,047	1,597	351	173	238

张其成

MEAN

ACQUA-FRONT

1,561

1,130,430

PLATE NO. 43

Mean	75,180	74,230	66,970	63,970	75,010	69,120	138,400	224,200	144,200	77,910	64,510	56,730
1,223	1,247	1,089	1,040	1,351	1,124	2,326	3,646	2,420	1,267	1,049	953	

[illegible]

JOHN

NVS 141

1994-1995

place No. 4.

110

WEAR DRIGGS, IDAHO

FINANCIAL

Acres-Feet 24,000

Plate No. 43

[illegible][illegible]

EXEM

NAME _____

ACME-FRUIT

368

266, 340

PLATE No. 46

17,420	14,950	11,470	10,250	14,030	13,590	29,220	29,770	37,340	41,280	27,520	19,500
283	251	187	167	253	221	491	484	628	671	448	328

[illegible]

LEWIS RIVER near ST. ANTHONY, IDAHO

Y
K
P

MEAN

Apostrophe

091 619

855

Plate No. 47

Mean	503	456	357	313	895	522	1,238	1,695	1,715	1,191	783	618
Max	30,920	27,130	21,920	19,230	49,730	32,070	73,680	104,300	102,000	73,260	48,130	36,790

[illegible]

HENRY'S FORK near REXBURG, IDAHO

U. S. DEPARTMENT OF AGRICULTURE

Year
1960

Mean

1,960

Acres-Feet

1,418,880

Plate No. 48

Year	1,625	1,607	1,338	1,127	2,229	1,654	3,162	3,989	2,878	1,595	1,191	1,179
1999	99,950	95,620	82,250	69,280	123,800	101,700	188,200	245,300	171,300	98,050	73,250	70,180

BRAKE RIVER NEAR SHELLEY, IDAHO

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

YEAR
1910

MEAN

AGREEMENT 3,426,700

Plate No. 49

Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931
Mean	2,188	2,299	2,412	1,948	3,579	2,498	5,967	13,170	8,723	5,592	4,389	3,991										
Agre-	134,500	136,800	148,300	119,800	198,700	153,600	355,000	809,700	519,100	343,800	269,900	237,500										

Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931
1	2,150	2,090	2,050	2,160	2,350	1,720	1,300	3,050	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
2	2,010	2,140	2,240	2,310	2,310	1,400	1,530	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
3	2,030	2,190	2,290	2,390	2,390	1,560	1,680	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
4	1,940	2,010	2,110	2,210	2,210	1,600	1,750	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
5	2,010	2,140	2,240	2,310	2,310	1,400	1,530	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
6	2,010	2,140	2,240	2,310	2,310	1,400	1,530	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
7	2,010	2,140	2,240	2,310	2,310	1,400	1,530	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
8	2,010	2,140	2,240	2,310	2,310	1,400	1,530	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
9	2,100	2,100	2,400	2,340	2,340	1,700	1,700	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
10	2,090	2,340	2,020	2,340	2,340	1,680	1,300	3,050	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
11	2,050	2,310	1,720	2,350	2,350	1,400	1,530	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
12	2,160	2,350	1,400	2,350	2,350	1,530	1,300	3,050	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
13	2,240	2,310	1,600	2,310	2,310	1,620	1,750	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
14	2,080	2,320	1,680	2,320	2,320	1,750	1,750	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
15	1,940	2,270	2,200	2,270	2,270	1,750	1,750	5,500	2,650	2,630	3,150	2,800	15,000	7,940	8,380	4,490	4,420	4,660	4,110	3,300	3,260	3,450
16	2,210	2,440	2,350	2,460	2,350	1,800	6,950	2,000	2,050	2,050	4,040	3,590	14,200	8,800	9,150	3,500	3,940	3,910	3,700	3,700	3,700	3,700
17	2,440	2,420	2,050	2,450	2,050	1,900	5,730	2,050	2,120	2,120	4,240	3,590	14,200	8,800	9,150	3,500	3,940	3,910	3,700	3,700	3,700	3,700
18	2,390	2,200	2,650	2,450	2,100	1,850	3,520	2,490	2,340	2,210	7,530	5,920	12,100	10,200	10,200	4,490	4,520	4,260	4,220	4,220	4,220	4,220
19	2,230	1,930	2,650	2,230	2,100	1,850	3,520	2,490	2,340	2,210	7,530	5,920	12,100	10,200	10,200	4,490	4,520	4,260	4,220	4,220	4,220	4,220
20	1,970	1,940	2,720	1,970	2,720	1,850	3,520	2,490	2,340	2,210	7,530	5,920	12,100	10,200	10,200	4,490	4,520	4,260	4,220	4,220	4,220	4,220
21	1,960	2,050	2,600	1,700	3,300	2,670	5,920	12,100	10,200	10,200	4,490	4,520	3,700	4,260	4,220	4,220	4,220	4,220	4,220	4,220	4,220	4,220
22	2,090	2,200	2,700	1,350	3,050	2,610	5,920	12,100	10,200	10,200	4,490	4,520	3,700	4,260	4,220	4,220	4,220	4,220	4,220	4,220	4,220	4,220
23	2,490	2,350	2,800	1,100	2,820	2,290	7,630	12,100	10,200	10,200	4,490	4,520	3,700	4,260	4,220	4,220	4,220	4,220	4,220	4,220	4,220	4,220
24	2,670	2,400	2,830	1,350	2,400	2,210	7,530	11,300	10,100	10,100	4,490	4,520	3,700	4,260	4,220	4,220	4,220	4,220	4,220	4,220	4,220	4,220
25	2,520	2,320	2,400	2,520	2,100	2,260	11,300	10,100	10,100	10,100	4,490	4,520	3,700	4,260	4,220	4,220	4,220	4,220	4,220	4,220	4,220	4,220
26	2,310	2,340	2,650	2,310	1,890	2,200	13,000	9,860	9,080	9,080	4,470	4,040	4,290	3,890	3,991							
27	2,230	2,470	2,780	2,650	1,350	2,520	13,600	9,080	9,080	9,080	4,470	4,040	4,290	3,890	3,991							
28	2,320	2,440	2,820	2,300	1,450	3,260	14,200	9,040	8,070	8,070	4,470	4,040	4,290	3,890	3,991							
29	2,270	2,260	2,750	2,100		3,450	15,100	8,310	8,070	8,070	4,470	4,040	4,290	3,890	3,991							
30	2,340	2,340	2,870	2,130		3,030	15,200	7,600	7,030	7,030	4,470	4,040	4,290	3,890	3,991							
31	2,240	2,340	2,700	2,150		2,630	15,200	7,600	7,030	7,030	4,470	4,040	4,290	3,890	3,991							

BLACKFOOT RIVER NEAR BLACKFOOT, IDAHO

YAH
-ON
CHURCH

MEAN

AORN-INT.

111,670

154

Plate No. 50

Mean	254	208	52.2	33.8	374	191	480	101	60.8	30.7	30.9	62.4
Stdev	15,590	12,390	3,210	2,080	20,780	11,770	28,560	6,200	3,620	1,890	1,870	3,710

102	122	89	40	30	15	10	5	4	3	2	1
154	154	256	60	42	42	42	42	42	42	42	42
135	135	254	53	42	42	42	42	42	42	42	42
168	168	251	45	42	42	42	42	42	42	42	42
208	208	251	35	42	42	42	42	42	42	42	42
274	274	251	30	42	42	42	42	42	42	42	42
281	281	246	30	42	42	42	42	42	42	42	42
283	283	221	30	40	40	40	40	40	40	40	40
292	292	196	32	40	40	40	40	40	40	40	40
326	326	185	35	35	35	35	35	35	35	35	35
260	260	182	35	35	35	35	35	35	35	35	35
232	232	166	38	32	32	32	32	32	32	32	32
139	139	145	40	30	30	30	30	30	30	30	30
80	80	151	40	30	30	30	30	30	30	30	30
76	76	135	42	30	30	30	30	30	30	30	30
73	73	142	42	30	30	30	30	30	30	30	30
163	163	142	45	28	28	28	28	28	28	28	28
378	378	132	45	25	25	25	25	25	25	25	25
440	440	121	45	25	25	25	25	25	25	25	25
418	418	145	45	25	25	25	25	25	25	25	25
300	300	152	45	25	25	25	25	25	25	25	25
403	403	154	45	25	25	25	25	25	25	25	25
376	376	160	45	25	25	25	25	25	25	25	25
368	368	158	45	25	25	25	25	25	25	25	25
360	360	160	45	25	25	25	25	25	25	25	25
358	358	160	45	25	25	25	25	25	25	25	25

REDFIN
TOM
WYN

NAME

ANSWER

167 E

2,527,480

PLATE NO. 51

1,990	2,333	2,305	1,948	3,802	2,605	6,056	10,480	5,406	1,915	1,635	1,495
122,400	138,800	141,700	119,800	211,100	160,200	360,400	644,100	321,700	117,800	100,500	88,980

[illegible]

한글서체

A-100-100

AGRS-DET

187,700

657

PLATE No. 52

160	219	207	190	739	490	600	336	83.6	38.0	41.3	49.6
9,870	13,020	12,760	10,670	41,060	30,160	35,680	20,690	4,970	2,330	2,540	2,950

[illegible]

WICHARD CARL, AT AMERICAN FALLS, IDAHO

904444
904444
904444

NEVER IN

AGM-129T

18,643

25.7

Plate No. 53

[illegible][illegible]

FLYING

A CHINESE

ACME-FRONT

Plate No. 54

[illegible]

109	138	125	131	136	141	146	157	165	172	181	190	199	208	218	228	236	245	256	265	274	283	295	306	319	332	340	353	369	376	386
395	408	415	427	439	449	455	461	468	478	485	495	506	516	526	539	545	554	563	573	581	589	601	611	618	627	638	648	658	667	
677	687	695	705	714	725	735	746	756	766	773	782	790	797	804	812	821	831	841	850	859	870	881	892	901	911	921	932	942	952	962
972	977	983	992	1002	1011	1020	1030	1040	1045	1053	1061	1069	1077	1085	1093	1102	1110	1119	1130	1140	1147	1155	1162	1168	1175	1183	1191	1200	1208	1216
1225	1233	1241	1249	1257	1265	1273	1281	1290	1301	1317	1339	1363	1388	1416	1444	1469	1490	1508	1522	1535	1545	1553	1560	1565	1570	1573	1578			
1582	1586	1590	1595	1600	1606	1611	1617	1624	1631	1638	1644	1649	1654	1658	1662	1665	1668	1671	1676	1682	1688	1691	1690	1688	1685	1684	1683	1689	1691	1690
1689	1685	1687	1686	1688	1691	1689	1692	1697	1699	1702	1704	1706	1705	1702	1700	1701	1703	1711	1715	1717	1720	1724	1728	1728	1727	1730	1731	1734	1735	1735
1731	1731	1732	1732	1732	1730	1716	1718	1719	1718	1715	1713	1706	1696	1685	1675	1665	1658	1652	1647	1644	1642	1638	1636	1635	1632	1627	1621	1614	1606	1596
1743	1739	1739	1738	1729	1730	1729	1728	1725	1720	1713	1706	1696	1685	1675	1665	1658	1652	1647	1644	1642	1638	1636	1635	1632	1627	1621	1614	1606	1596	1596
1584	1572	1560	1547	1534	1517	1500	1483	1464	1445	1429	1410	1386	1367	1349	1333	1318	1304	1291	1277	1262	1247	1230	1211	1194	1177	1157	1136	1117	1101	1084
1070	1057	1043	1028	1013	999	985	971	957	942	930	917	903	890	877	862	846	828	810	793	778	764	745	726	708	690	668	648	632	618	601
595	570	553	537	521	504	487	471	456	441	424	410	399	389	379	370	360	351	341	332	321	310	300	292	286	282	278	274	269	265	

1-50000-05 PHILAD DELIVERED 10/20/70 N.Y.

1900
 1901
 1902

MEAN

AORN-FEB

4,481,190

6,192

Plate No. 55

276	368	55.2	396	1,077	4,228	8,182	13,200	11,010	13,260	12,250	9,656
16,960	21,930	3,400	22,370	59,830	260,000	486,900	811,800	654,900	815,400	753,200	574,500

[illegible]

Lake Walcott near Minidoka, Idaho

Year
or
Period

Mean

Acme-First

Plate No. 56

Year	Acme-First	Mean	Acme-First	Year	Acme-First	Mean	Acme-First

1	54.550	54.080	54.110	54.850	37.570	32.910	32.800	72.940	98.440	105.310	93.790	89.830	92.160	94.140	93.090	90.810	92.920	92.690	91.230	92.510
2	52.460	52.120	52.190	52.550	36.430	36.430	36.430	65.890	92.860	102.290	97.350	93.550	94.020	94.490	93.900	95.180	94.020	92.690	91.230	92.510
3	52.890	52.310	52.470	52.890	38.090	38.090	38.090	66.880	92.510	102.170	97.790	93.790	94.250	94.720	93.790	95.180	94.020	92.690	91.230	92.510
4	53.430	53.400	53.400	53.400	39.340	39.340	39.340	67.210	92.390	102.660	99.760	94.020	94.500	94.970	93.790	95.180	94.020	92.690	91.230	92.510
5	53.840	53.840	53.840	53.840	40.800	40.800	40.800	68.800	92.860	103.740	97.470	93.790	94.250	94.720	93.790	95.180	94.020	92.690	91.230	92.510
6	54.310	54.210	54.210	54.210	42.280	42.280	42.280	69.760	93.250	104.130	97.230	94.240	94.840	95.320	93.790	95.180	94.020	92.690	91.230	92.510
7	54.750	54.750	54.750	54.750	43.880	43.880	43.880	70.730	94.250	104.970	98.870	95.430	96.080	96.550	93.790	95.180	94.020	92.690	91.230	92.510
8	55.200	55.200	55.200	55.200	45.980	45.980	45.980	71.830	95.430	105.970	99.760	96.870	97.350	97.820	93.790	95.180	94.020	92.690	91.230	92.510
9	55.660	55.660	55.660	55.660	47.880	47.880	47.880	72.940	96.870	106.970	99.760	97.820	98.300	98.770	93.790	95.180	94.020	92.690	91.230	92.510
10	56.080	56.080	56.080	56.080	49.570	49.570	49.570	73.170	97.270	107.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
11	56.550	56.550	56.550	56.550	51.390	51.390	51.390	74.490	98.300	108.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
12	57.000	57.000	57.000	57.000	52.600	52.600	52.600	75.940	99.240	109.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
13	57.340	57.340	57.340	57.340	54.260	54.260	54.260	76.490	99.760	110.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
14	57.500	57.500	57.500	57.500	56.640	56.640	56.640	77.900	100.410	111.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
15	57.660	57.660	57.660	57.660	58.730	58.730	58.730	78.960	101.410	112.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
16	57.950	57.950	57.950	57.950	60.730	60.730	60.730	79.940	102.410	113.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
17	58.300	58.300	58.300	58.300	62.600	62.600	62.600	80.940	103.410	114.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
18	58.630	58.630	58.630	58.630	64.360	64.360	64.360	81.880	104.410	115.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
19	58.960	58.960	58.960	58.960	66.330	66.330	66.330	82.800	105.410	116.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
20	59.260	59.260	59.260	59.260	68.400	68.400	68.400	83.700	106.410	117.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
21	59.520	59.520	59.520	59.520	70.730	70.730	70.730	84.590	107.410	118.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
22	59.750	59.750	59.750	59.750	72.940	72.940	72.940	85.480	108.410	119.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
23	60.020	60.020	60.020	60.020	75.940	75.940	75.940	86.370	109.410	120.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
24	60.210	60.210	60.210	60.210	78.960	78.960	78.960	87.260	110.410	121.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
25	60.460	60.460	60.460	60.460	80.940	80.940	80.940	88.150	111.410	122.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
26	60.770	60.770	60.770	60.770	82.800	82.800	82.800	89.040	112.410	123.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
27	61.080	61.080	61.080	61.080	84.590	84.590	84.590	90.940	113.410	124.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
28	61.350	61.350	61.350	61.350	86.330	86.330	86.330	91.830	114.410	125.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
29	61.660	61.660	61.660	61.660	88.150	88.150	88.150	92.720	115.410	126.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
30	61.900	61.900	61.900	61.900	89.040	89.040	89.040	93.610	116.410	127.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510
31	62.150	62.150	62.150	62.150	90.940	90.940	90.940	94.500	117.410	128.410	99.760	98.300	98.770	99.240	93.790	95.180	94.020	92.690	91.230	92.510

NORTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

Year
1938
Mean
582
Acres-Foot
421,140

Place No. 57

Year	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565	1564	1563	1562	1561	1560	1559	1558	1557	1556	1555	1554	1553	1552	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540	1539	1538	1537	1536	1535	1534	1533	1532	1531	1530	1529	1528	1527	1526	1525	1524	1523	1522	1521	1520	1519	1518	1517	1516	1515	1514	1513	1512	1511	1510	1509	1508	1507	1506	1505	1504	1503	1502	1501	1500	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465	1464	1463	1462	1461	1460	1459	1458	1457	1456	1455	1454	1453	1452	1451	1450	1449	1448	1447	1446	1445	1444	1443	1442	1441	1440	1439	1438	1437	1436	1435	1434	1433	1432	1431	1430	1429	1428	1427	1426	1425	1424	1423	1422	1421	1420	1419	1418	1417	1416	1415	1414	1413	1412	1411	1410	1409	1408	1407	1406	1405	1404	1403	1402	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1390	1389	1388	1387	1386	1385	1384	1383	1382	1381	1380	1379	1378	1377	1376	1375	1374	1373	1372	1371	1370	1369	1368	1367	1366	1365	1364	1363	1362	1361	1360	1359	1358	1357	1356	1355	1354	1353	1352	1351	1350	1349	1348	1347	1346	1345	1344	1343	1342	1341	1340	1339	1338	1337	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1326	1325	1324	1323	1322	1321	1320	1319	1318	1317	1316	1315	1314	1313	1312	1311	1310	1309	1308	1307	1306	1305	1304	1303	1302	1301	1300	1299	1298	1297	1296	1295	1294	1293	1292	1291	1290	1289	1288	1287	1286	1285	1284	1283	1282	1281	1280	1279	1278	1277	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1264	1263	1262	1261	1260	1259	1258	1257	1256	1255	1254	1253	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1229	1228	1227	1226	1225	1224	1223	1222	1221	1220	1219	1218	1217	1216	1215	1214	1213	1212	1211	1210	1209	1208	1207	1206	1205	1204	1203	1202	1201	1200	1199	1198	1197	1196	1195	1194	1193	1192	1191	1190	1189	1188	1187	1186	1185	1184	1183	1182	1181	1180	1179	1178	1177	1176	1175	1174	1173	1172	1171	1170	1169	1168	1167	1166	1165	1164	1163	1162	1161	1160	1159	1158	1157	1156	1155	1154	1153	1152	1151	1150	1149	1148	1147	1146	1145	1144	1143	1142	1141	1140	1139	1138	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024	1023	1022	1021	1020	1019	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999	998	997	996	995	994	993	992	991	990	989	988	987	986	985	984	983	982	981	980	979	978	977	976	975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901	900	899	898	897	896	895	894	893	892	891	890	889	888	887	886	885	884	883	882	881	880	879	878	877	876	875	874	873	872	871	870	869	868	867	866	865	864	863	862	861	860	859	858	857	856	855	854	853	852	851	850	849	848	847	846	845	844	843	842	841	840	839	838	837	836	835	834	833	832	831	830	829	828	827	826	825	824	823	822	821	820	819	818	817	816	815	814	813	812	811	810	809	808	807	806	805	804	803	802	801	800	799	798	797	796	795	794	793	792	791	790	789	788	787	786	785	784	783	782	781	780	779	778	777	776	775	774	773	772	771	770	769	768	767	766	765	764	763	762	761	760	759	758	757	756	755	754	753	752	751	750	749	748	747	746	745	744	743	742	741	740	739	738	737	736	735	734	733	732	731	730	729	728	727	726	725	724	723	722	721	720	719	718	717	716	715	714	713	712	711	710	709	708	707	706	705	704	703	702	701	700	699	698	697	696	695	694	693	692	691	690	689	688	687	686	685	684	683	682	681	680	679	678	677	676	675	674	673	672	671	670	669	668	667	666	665	664	663	662	661	660	659	658	657	656	655	654	653	652	651	650	649	648	647	646	645	644	643	642	641	640	639	638	637	636	635	634	633	632	631	630	629	628	627	626	625	624	623	622	621	620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604	603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576	575	574	573	572	571	570	569	568	567	566	565	564	563	562	561	560	559	558	557	556	555	554	553	552	551	550	549	548	547	546	545	544	543	542	541	540	539	538	537	536	535	534
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SOUTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

伏見稲荷神社
 稲荷
 稲荷

NAVY

ACORN-RENT

349,710

483

Place No. 58

[illegible][illegible]

near BUTLEY, IDAHO

1-50776-01 131400 05/18/04 1000000000 3 3

104

FLYING

WAVES

Acme-Fruit.

54,073

74.7

PLATE NO. 60

	0	0	0	0	0	7,390	8,000	15,350	12,960	8,093
	0	0	0	0	0	1,150	134	250	211	136
	18.5					19.3	120			
	1,130									

[illegible]

FIELD

MAY 1997

Acme-Fast.

[illegible][illegible]

MILNER LOW LIFT CANAL NEAR MILNER, IDAHO

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MAR
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MEAN

ACME-PRINT

108

57,970

Plate No. 63

	0	0	0	0	0	0	2,370	9,870	8,350	15,390	13,300	8,690
	0	0	0	0	0	0	39.8	160	140	250	216	146

192	211	217	0	146	0	10
191	211	235	0	161	0	9
186	221	235	0	182	0	8
182	229	236	26	191	0	7
182	228	251	52	201	0	6
182	208	256	67	207	0	5
173	203	256	88	213	0	4
169	203	256	126	213	0	3
163	203	256	148	213	0	2
160	203	257	180	213	0	1
160	203	264	195	211	0	11
160	203	259	195	206	0	12
160	216	256	195	200	0	13
154	228	256	194	196	0	14
143	228	256	189	196	0	15
138	228	256	172	209	0	16
135	228	256	161	212	34	17
135	228	256	159	212	46	18
135	228	256	159	192	52	19
127	228	256	160	172	52	20
112	228	261	167	173	56	21
112	228	262	185	170	81	22
112	228	256	185	148	89	23
110	228	256	185	140	101	24
104	219	256	185	140	130	25
104	214	256	195	102	133	26
110	211	256	209	0	139	27
111	211	243	214	0	140	28
99	207	237	217	0	140	29
	192	219	0	0		30
						31

YAMAHA
RACING
MOTORCYCLES

MEAN

A FOUR-TEST.

477,480

099

PLATE NO. 64

	0	0	0	0	0	0	86,900	101,600	98,880	85,410
	0	0	0	0	0	0	1,460	1,653	1,608	1,435
							1,352			
							21,540			
							83,150			

[illegible]

WEST MILNER, IDAHO

1990

ACM-1

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-22-2001 BY 60322 UCBAW

276, 240

382

PLATE No. 65

[illegible][illegible]

GOODING CANAL BELOW NORTH SIDE DIVERSION
BEAR MILLER, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-50986-1

YEAR
1934

MEAN

ACRE-FOOT

651

470,990

PLATE No. 66

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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NORTH SIDE TWIN FALLS CANAL AT MILLNER, IDAHO

總發行所
東京
丸の内區
有樂町

MEAN

Acme-Fruit 842,800

1,164

Place No. 67

[illegible][illegible]

[illegible]

ANALYSIS

0/6,956

Place No. 69

20,280	24,110	28,120	34,140	49,520	251,700	218,500	219,700	34,260	8,790	22,820	25,030
330	405	457	555	892	4,094	3,672	3,573	576	143	371	421

31	357	448	780	5.430	10.600	959	411	414	712
30	354	448	786	5.470	10.600	196	411	411	712
29	360	431	786	5.550	5.870	1650	411	411	345
28	351	424	769	5.650	3.370	3.250	417	411	345
27	348	414	798	6.360	3.640	4.420	424	411	345
26	356	442	798	7.100	3.640	4.620	334	414	382
25	318	448	615	7.710	1.330	1.520	77	414	424
24	290	459	502	7.420	296	348	75	414	431
23	307	466	499	5.250	852	253	74	414	434
22	333	470	502	5.200	1.870	1.040	73	417	431
21	348	408	506	4.220	1.040	172	75	421	431
20	342	385	514	3.680	742	521	82	421	431
19	354	417	506	3.460	924	186	98	417	424
18	363	466	510	3.210	1.810	116	92	417	414
17	348	470	510	3.440	3.000	165	118	414	414
16	324	495	495	3.420	3.860	1.810	103	414	414
15	324	442	481	3.260	4.360	3.810	103	407	417
14	345	351	502	3.180	4.090	4.380	83	401	424
13	351	354	514	3.150	3.410	3.880	76	404	428
12	353	391	510	3.080	3.370	4.140	75	417	421
11	324	388	506	3.180	3.350	3.910	83	291	411
10	350	363	495	3.080	4.000	4.270	80	76	414
9	327	376	495	3.080	4.560	4.580	74	74	417
8	353	351	466	3.040	4.580	4.640	72	75	417
7	324	348	473	2.940	4.270	4.660	71	168	417
6	342	442	473	2.820	4.960	4.820	72	445	417
5	354	404	481	2.720	4.950	6.280	73	445	414
4	304	411	491	2.840	5.320	8.360	72	428	411
3	285	369	488	2.840	5.350	9.920	72	411	411
2	288	357	470	2.840	5.370	10.500	71	414	411
1	274	352	456	2.300	5.380	11.400	72	414	411