

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

1963

C O N T E N T S

	<u>Page</u>
Introduction	1
Personnel	4
Snow Survey	5
Regulation Schedule	13
Water Supply	14
Transfers and changes in point of diversion.	16
Litigation	16
Community Lateral Managers	16
Canal deliveries	16
River Data	21
Stored water deliveries	22
Michaud Project use of stored water	28
Groundwater pumping	29
River losses and gains above American Falls	30
River losses and gains below American Falls	33
Distribution on Henrys Fork	34
Canal deliveries on Henrys Fork	37
Stored water deliveries on Henrys Fork	39
River gains, Henrys Fork	41
Distribution in Teton Basin	46
Distribution in Swan Valley	47
Climatological Data	48
Remarks	48
Expenditures	50

P L A T E S

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

Plate 1	Map showing gaging stations in District No. 36
" 2	Jackson Lake hydrographs
" 2A	Palisades hydrographs
" 3	American Falls Reservoir hydrographs
" 4	Annual run-off Snake River at Neeley, Idaho
" 5	Annual run-off Snake River at Moran, Wyo.
" 6	Daily discharge of Snake River canals, May 1963
" 7	Daily discharge of Snake River canals, June 1963
" 8	Daily discharge of Snake River canals, July 1963
" 9	Daily discharge of Snake River canals, August 1963
" 10	Daily discharge of Snake River canals, September 1963
" 11	Daily inflow to American Falls Reservoir, 1963
" 12, 12A, 13	Daily summary of data at and between Snake River gaging stations, 1963
" 14	Daily storage diversions by Snake River canals, 1963
" 15	Time interval between gaging stations on Snake River
" 16	Daily discharge of Henrys Fork canals, May 1963
" 17	Daily discharge of Henrys Fork canals, June 1963
" 18	Daily discharge of Henrys Fork canals, July 1963
" 19	Daily discharge of Henrys Fork canals, August 1963
" 20	Daily discharge of Henrys Fork canals, September 1963
" 21	Daily segregation of flow Henrys Fork stations, 1963
" 22	Daily storage diversions on Henrys Fork, 1963
" 23	Daily storage diversions on Teton River, 1963
" 23A	Operation of Cross Cut Canal, 1963
" 24	Miscellaneous stream flow records
" 25	Jackson Lake at Moran, Wyo.
" 26	Snow River at Moran, Wyo.
" 27	Snow River near Alpine, Wyo.
" 28	Greys River near Alpine, Wyo.
" 29	Salt River near Etna, Wyo.
" 30	Bear Creek near Irwin, Idaho
" 31	Palisades Reservoir near Irwin, Idaho
" 32	Snow River near Irwin, Idaho
" 33	Snow River near Heise, Idaho
" 34	Henrys Lake near Lake, Idaho
" 35	Henrys Fork near Lake, Idaho
" 36	Island Park Reservoir near Island Park, Idaho
" 37	Henrys Fork near Island Park, Idaho
" 38	Henrys Fork near Ashton, Idaho
" 39	Grassy Lake near Moran, Wyo.
" 40	North Fork Squirrel Creek near Squirrel, Idaho
" 41	Falls River near Squirrel, Idaho
" 42	Falls River near Chester, Idaho
" 43	Henrys Fork at St. Anthony, Idaho
" 44	Teton River above South Leigh Creek near Driggs, Idaho
" 45	Teton River near St. Anthony, Idaho

Plate 46	Henry's Fork near Rexburg, Idaho
" 47	Snake River near Shelley, Idaho
" 48	Blackfoot River near Blackfoot, Idaho
" 49	Snake River near Blackfoot, Idaho
" 50	Portneuf River at Pocatello, Idaho
" 51	Michaud Canal at American Falls, Idaho
" 52	American Falls Reservoir at American Falls, Idaho
" 53	Snake River at Neeley, Idaho
" 54	Lake Walcott near Minidoka, Idaho
" 55	North Side Minidoka Canal near Minidoka, Idaho
" 56	South Side Minidoka Canal near Minidoka, Idaho
" 57	Snake River near Minidoka, Idaho
" 58	Minidoka North Side Pump near Burley, Idaho
" 59	Lake Milner at Milner, Idaho
" 60	P. A. lateral near Milner, Idaho
" 61	Milner Low Lift Canal near Milner, Idaho
" 62	Gooding Project in Gooding Canal near Milner, Idaho
" 63	North Side Project in Gooding Canal near Milner, Idaho
" 64	Gooding Canal below North Side Canal near Milner, Idaho
" 65	North Side Twin Falls Canal at Milner, Idaho
" 66	South Side Twin Falls Canal at Milner, Idaho
" 67	Snake River at Milner, Idaho

Plate 46	Henry's Fork near Rexburg, Idaho
" 47	Snake River near Shelley, Idaho
" 48	Blackfoot River near Blackfoot, Idaho
" 49	Snake River near Blackfoot, Idaho
" 50	Portneuf River at Pocatello, Idaho
" 51	Michaud Canal at American Falls, Idaho
" 52	American Falls Reservoir at American Falls, Idaho
" 53	Snake River at Neeley, Idaho
" 54	Lake Walcott near Minidoka, Idaho
" 55	North Side Minidoka Canal near Minidoka, Idaho
" 56	South Side Minidoka Canal near Minidoka, Idaho
" 57	Snake River near Minidoka, Idaho
" 58	Minidoka North Side Pump near Burley, Idaho
" 59	Lake Milner at Milner, Idaho
" 60	P. A. lateral near Milner, Idaho
" 61	Milner Low Lift Canal near Milner, Idaho
" 62	Gooding Project in Gooding Canal near Milner, Idaho
" 63	North Side Project in Gooding Canal near Milner, Idaho
" 64	Gooding Canal below North Side Canal near Milner, Idaho
" 65	North Side Twin Falls Canal at Milner, Idaho
" 66	South Side Twin Falls Canal at Milner, Idaho
" 67	Snake River at Milner, Idaho

INTRODUCTION

The annual meeting of Water District No. 36 was held at Idaho Falls on March 4, 1963. 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; Lawrence Duffin; R. Willis Walker; Malden Dye; Lester Saunders; Harold Nagle.

Advisory members: H. R. Gray, representing the Bureau of Reclamation; Frank Redfield representing the Burley 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 \$71,795 to cover the expense of operating the District during the coming year, of which it was estimated that \$31,000 would be available from Federal and State stream gaging funds.

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

4. Reaffirmed support of an integrated multipurpose Burns Creek project calling attention to the benefits for flood control and recreation.

5. Approved the proposed Lower Teton Reclamation Project.

The year 1963 was one of above normal precipitation and runoff. The average precipitation for nine representative stations for the year ending September 30 was 19.09" compared to the normal of 15.67". Precipitation was below normal during the 1962 fall months and the ground was dry over the entire watershed at the beginning of the winter season. Precipitation was mostly below normal during the winter months, except for end of January and first few days in February when excessive precipitation and snow melt produced floods similar to those of February 1962. The outlook on April 1 was for a much below normal runoff. Precipitation over the entire watershed for months of April, May and June was about twice the normal and possibly the greatest of record.

Releases were made from Palisades Reservoir during May and June in accordance with flood control requirements. In spite of these releases Palisades Reservoir filled on June 14, and it was necessary to raise the discharge at Heise above the desired 20,000 second-feet. The peak discharge at Heise was 25,400 second-feet on June 17. The natural peak without storage would have been at least 27,500 second-feet.

Low ground in the Menan area was flooded by water seeping from the river or backing up in sloughs. The Sunnydell canal washed out as a result of a channel change. Emergency work by the Corps of U. S. Army Engineers repaired the damage to the Sunnydell Canal and prevented serious breaks in levees at other points. It appears that the river channel in its present condition will carry something over 20,000 second-feet without serious flooding. It would

be beneficial to accomplish channel work to increase this capacity. The nature of the flooding in the Menan area would indicate that there is little possibility of its being prevented in many years. Much relief was accomplished by individual farmers by pumping from flooded lands into the river channel.

During May and June about 700,000 acre-feet was spilled to waste past Milner. Had Burns Creek Reservoir been available it could have been filled with a part of this wasted water.

For the first time since Palisades Reservoir was available, all reservoirs filled to capacity and all allotments were 100% filled.

Withdrawal of stored water from American Falls started on June 30. The 1916 "floodwater" rights were cut on July 3 compared to July 7, 1962. The 1893 rights were cut on July 24 and Oct. 16, 1890, rights were cut off August 27 and 28.

Rights in the upper valley were restored on September 22. Part of March 30, 1921, right was filled through September 28. Canal diversions in excess of normal flow continued through October 20. Adequate records were not available for a strict application of priorities in the upper valley for period October 1-18. Approximate storage charges were made against those canals that would have been drawing storage had regulation been in effect.

Combined usable storage in the reservoir system on October 19 was 1,756,000 acre-feet. This is about 40,000 acre-feet less than that for September 30, 1962, and is 43% of capacity.

Flow past Milner in excess of Idaho Power Company rights amounted to 812,000 acre-feet.

Flow past Minidoka dam was curtailed for upstream storage for period October 30 to April 8.

Hearings on the Burns Creek Dam were held before the Flood Control sub-committee of the Committee on Public Works of the House of Representatives. The Burns Creek project was included in an omnibus bill but was stricken by the House committee.

PERSONNEL

The persons engaged in water distribution during 1963 were as follows:

H. C. Eagle	Watermaster and Deputy Com. of Reclamation
Arthur L. Larson	Hydraulic Engineer and Deputy Watermaster
Robert W. Harper	Engineering Technician and Hydrographer
O. P. Mortensen	Deputy Watermaster and Hydrographer at St. Anthony
Oleen Dummer	Hydrographer
A. H. Eush	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, D. R. Anthony, Mrs. Irwin Siepert, J. B. Rennault, R. E. Wagner, W. R. Etherington, R. H. Seymour, Mario M. Purin, Keith Broeder, Ray Flavel, Dean W. David, Raymond Howerton, Earl D. Sears, C. E. Wiseman.

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)

<u>Year</u>	<u>Jan. 1</u>		<u>Feb. 1</u>		<u>Mar. 1</u>		<u>April 1</u>	
	<u>S.</u>	<u>W</u>	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>	<u>S</u>	<u>W</u>
<u>Moran (Snake River)</u>								
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
1963	11	1.8	27	5.2	29	8.6	25	8.2
Normal		5.1		8.5		12.0		12.1
<u>Moran Canyon (Snake River)</u>								
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	-	(14.8)
1961	-	-	35	9.5	49	13.6	49	16.5
1962	-	-	57	17.3	65	23.0	70	26.0
1963	-	-	-	-	45	13.1	39	13.9
Normal	-	-		14.2		20.0		23.2
<u>Arizona Station (Snake River)</u>								
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
1963	15	3.0	30	5.7	36	9.8	33	10.3
Normal		7.5		12.5		17.5		20.0

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Huckleberry Divide (Snake River)</u>								
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
1963	16	3.5	35	6.6	42	10.7	38	11.6
Normal		8.1		13.2		18.3		21.2
<u>Snake River Station (Snake River)</u>								
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
1963	19	4.8	41	8.3	49	13.2	44	14.6
Normal		8.6		13.9		19.5		21.9
<u>Lewis Lake Divide (Snake River)</u>								
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
1963	31	9.7	59	14.8	75	23.6	71	26.3
Normal		19.2		30.0		39.4		48.4
<u>Aster Creek (Snake River)</u>								
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
1963	28	8.0	48	10.9	61	17.7	56	19.2
Normal		14.1		22.1		30.0		36.4

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Colter Creek (Snake River)</u>								
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
1963	-	-	38	8.4	49	14.0	47	15.7
Normal	-	-	-	15.3	-	21.8	-	25.3

<u>Glade Creek (Snake River)</u>								
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
1963	16	3.9	37	9.0	44	11.8	44	13.0
Normal	-	9.3	-	15.2	-	21.1	-	24.5

<u>Base Camp (Snake River)</u>								
1954	28	6.5	52	14.8	60	18.8	68	22.8
1955	27	4.1	29	6.7	50	12.3	56	18.1
1956	48	13.7	67	20.1	75	23.7	62	25.8
1957	30	7.3	53	12.4	59	18.4	61	22.3
1958	33	7.9	40	9.7	46	13.8	43	14.2
1959	-	-	51	11.5	58	15.3	55	17.7
1960	14	2.7	30	6.1	40	10.5	42	13.5
1961	-	6.3	32	7.3	44	11.5	38	12.3
1962	44	11.1	46	13.3	56	17.3	59	20.5
1963	17	4.0	42	8.6	42	12.0	37	12.4
Normal	-	8.7	-	13.2	-	18.2	-	19.9

<u>Average water content of ten Jackson Lake courses</u>								
1954	-	-	16.7	-	22.2	-	27.0	-
1955	-	-	9.0	-	14.6	-	21.1	-
1956	-	-	26.3	-	31.2	-	34.1	-
1957	-	-	15.2	-	22.7	-	26.7	-
1958	-	-	13.4	-	19.1	-	21.1	-
1959	-	-	12.5	-	18.9	-	20.8	-
1960	-	-	7.5	-	12.7	-	15.5	-
1961	-	-	9.8	-	15.0	-	18.4	-
1962	-	-	17.4	-	23.2	-	27.2	-
1963	-	-	7.7	-	13.4	-	14.5	-
Normal	-	-	15.8	-	21.8	-	25.3	-

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

Year	Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W
<u>Turpin Meadows (Buffalo River)</u>						
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
1963	27	4.9	31	7.1	22	6.4
Normal		8.1		10.6		11.6
<u>Four Mile Meadows (Buffalo River)</u>						
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
1963	35	6.3	42	10.0	36	10.5
Normal		9.8		12.0		14.3
<u>Black Rock (Buffalo River)</u>						
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
1958	52	11.8	59	16.3	60	19.5
1959	60	15.2	72	19.9	67	24.3
1960	39	9.5	48	13.4	57	17.4
1961	41	10.1	52	13.3	57	17.1
1962	51	14.8	68	20.2	72	25.0
1963	48	9.1	60	15.8	52	17.3
Normal		15.7		19.7		24.3
<u>Togwotee Pass (Buffalo River)</u>						
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
1963	64	13.6	77	22.0	69	24.4
Normal		20.6		26.0		32.1

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Valley View Ranch (Henrys Fork)</u>								
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
1963	21	4.7	31	7.6	32	8.4	35	9.0
Normal		5.8		9.8		13.4		16.4
<u>Big Springs (Henrys Fork)</u>								
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
1963	15	3.2	28	6.2	35	9.2	32	10.4
Normal		8.2		14.5		20.4		23.6
<u>Island Park (Henrys Fork)</u>								
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
1963	14	3.0	25	4.9	31	7.8	30	8.8
Normal		6.3		11.3		15.8		17.8
<u>Grassy Lake (Falls River)</u>								
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
1963	26	7.1	54	14.3	63	19.0	69	22.3
Normal		15.4		22.9		30.6		36.7

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Teton Pass (Teton River)</u>								
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
1963	23	5.8	33	8.5	52	16.0	65	21.3
Normal		16.3		26.0		32.1		40.6

<u>State Line (Teton River)</u>								
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
1963	9	1.9	19	4.0	21	5.9	23	6.5
Normal		6.6		10.6		13.8		16.4

<u>East Rim (Hoback River)</u>								
1954	-	-	-	-	36	8.9	47	13.4
1955	9	1.2	17	3.5	26	9.1	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
1963	7	1.0	27	4.8	27	5.8	26	6.7
Normal		5.5		7.7		10.5		12.4

<u>Bryan Flat (Hoback River)</u>								
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
1963	-	-	13	2.3	7	1.9	5	1.6
Normal		4.5		7.0		9.4		11.2

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>Gros Ventre (Gros Ventre River)</u>								
1954			-	-	40	8.0	47	13.9
1955			-	-	42	9.7	42	9.8
1956			48	13.6	51	14.5	56	16.2
1957			31	7.1	42	9.0	41	12.6
1958			32	6.7	-	7.2	32	8.8
1959			-	-	43	11.9	46	13.7
1960			21	5.0	-	14.0	31	9.0
1961			19	4.0	34	8.0	37	9.8
1962			43	12.0	54	15.0	57	17.1
1963			37	8.5	32	8.0	34	9.2
Normal				8.2		12.5		13.7

<u>Grover Park Divide (Salt River)</u>								
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
1963	7	1.0	23	5.1	30	7.4	25	8.1
Normal		4.8		7.9		10.0		11.9

<u>CCC Camp FF12 (Salt River)</u>								
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
1963	8	1.6	22	5.0	28	7.8	27	8.5
Normal		4.9		8.3		10.4		12.3

<u>Salt River Summit (Salt River)</u>								
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
1963	11	2.0	29	4.9	41	10.4	38	11.8
Normal		6.1		10.5		13.3		16.1

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

Year	Jan. 1		Feb. 1		Mar. 1		April 1	
	S	W	S	W	S	W	S	W
<u>Greys Boundary (Greys River)</u>								
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
1963	T	0	20	4.5	12	3.3	T	0
Normal		5.1		7.9		10.6		11.9

On April 1, 1963, the snow (water content) was the following average percent of normal: above Jackson Lake 57%, Moran to Heise 56%, Island Park 49%, Falls River 61%, Teton River 49%.

Comparable figures for run-off during the year ending September 30, 1963, as percent of normal were: Snake River at Moran 89%, Snake River near Heise 91%, Henrys Fork near Ashton 103%, Falls River near Squirrel 99%, Teton River near St. Anthony 96%.

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

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

Forecasts by Soil Conservation Service - April 1, 1963

	Runoff in acre-feet - April thru Sept.		
	Forecast	Observed*	% difference
Snake River at Moran	530,000	768,900	-31.1
Snake River near Heise	2,500,000	3,350,000	-25.4
Salt River near Etna	195,000	280,100	-30.4
Henrys Fork near Ashton	470,000	580,700	-19.0
Teton River nr. St. Anthony	200,000	331,200	-39.7

*Corrected for storage in upstream reservoirs.

Forecasts by U. S. Weather Bureau - April 1, 1963

Station	Period	Runoff in acre-feet		
		Forecast	Observed*	% difference
Snake R. at Moran	Apr.-Sept.	658,000	768,900	-14.4
Snake R. nr. Heise	Apr.-Sept.	2,380,000	3,350,000	-29.0
Salt R. nr. Etna	Oct.-Sept.	432,000	482,400	-10.4
Henrys Fork nr. Ashton	Oct.-Sept.	863,000	1,012,000	-14.7
Henrys Fork nr. Rexburg	Oct.-Sept.	1,460,000	2,298,000**	-36.4
Falls R. nr. Squirrel	Oct.-Sept.	468,000	539,200	-13.2
Teton R. nr. St. Anthony	Oct.-Sept.	447,000	529,500	-15.6

* Corrected for storage in upstream reservoirs.

** Corrected for diversions.

Forecasts as of May 1, 1963, were all higher than the April 1 figures but still much below the observed runoff. The heavy April to June precipitation accounted for the increased runoff.

1963 REGULATION SCHEDULE

July	3	Cut off 1916 priorities
	4	Filled part of March 26, 1903 priority
	11	Cut off rights later than October 11, 1900 above Blackfoot
	13	Cut off 1900 rights above Blackfoot
	14	Cut off 1898 rights above Blackfoot
	15	Cut off 1896 rights above Blackfoot
	16	Cut off April 1, 1895 rights on main river and Henrys Fork
	17	Filled 50% February 6, 1895 priority
	19	Cut off February 6, 1895 priority
	20	Cut off January 9, 1895 priority
	21	Filled 50% August 18, 1894 priority
	23	Cut off 1894 priorities
	24	Cut off 1893 priorities
	25	Cut off June 1, 1892 rights
	26	Cut off May 1, 1892 right
	31	Cut off December 14, 1891 right
Aug.	2	Cut off June 1, 1891 rights
	5	Restored June 1, 1891 rights
	7	Cut off June 1, 1891 rights
	12	Restored June 1, 1891 rights
	15	Restored December 14, 1891 rights
	20	Cut off December 14, 1891 rights
	23	Cut off January 24, 1891 rights
	27	Cut off October 16, 1890 rights
	29	Filled 50% July 12, 1890 rights
Sept.	1	Restored all 1890 rights
	2	Restored June 1, 1891 rights
	3	Restored all 1891 rights
	4	Restored May 1, 1892 rights

Regulation Schedule - continued

Sept. 5	Restored all 1892 rights
8	Cut off June 1, 1892 rights
13	Cut off December 14, 1891 rights
16	Restored June 1, 1892 rights
18	Restored 1893 rights
20	Restored 1899 rights above Blackfoot
21	Filled part of March 26, 1903 right
22	Discontinued regulation in upper valley

Delivery of stored water to some upper and lower valley canals continued through October 20.

Storage use charges started June 30 at Minidoka and on July 1 at Milner.

Storage releases from Island Park started July 2, from Henrys Lake July 10, and from Grassy Lake July 9.

WATER SUPPLY

Run-off in acre-feet at various gaging stations during the year ending September 30, 1963, was as follows:

<u>Station</u>	<u>1963 Run-off</u>	<u>Average run-off past years</u>	<u>Years of Record</u>	<u>1963 % of Average</u>
Snake River at Moran	924,000	1,036,000	60	89
Snake River near Heise	4,473,000	4,931,000	53	91
Snake River at Neeley	4,648,000	4,842,000	37	96
Falls River near Squirrel	539,200	544,400	49	99
Teton River near St. Anthony	525,900	546,600	30	96
Henrys Fork near Ashton	1,012,000	986,900	43	103
Henrys Fork near Rexburg	1,261,000	1,371,000	54	92

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 was slightly below normal for all stations except Henrys Fork near Ashton.

Peak daily discharges were as follows:

SNAKE RIVER at Moran	8,070 cfs on June 15
SNAKE RIVER near Heise	25,400 cfs on June 17
SNAKE RIVER near Blackfoot	24,000 cfs on June 20
HENRY'S FORK near Rexburg	5,430 cfs on June 16
TETON RIVER near St. Anthony	7,280 cfs on Feb. 3
BLACKFOOT RIVER near Blackfoot	1,100 cfs on Feb. 3
SNAKE RIVER at Milner	16,700 cfs on June 21

Flooding of farmland occurred along Teton River and at points on Snake River between Heise and Blackfoot. A section of the Sunnydell Canal was washed out and flood-control levies threatened at several locations. Considerable land in the Menan-Roberts area was flooded by seepage from river.

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

Year	Jackson Lake	Palisades	American Falls	Lake Walcott	Henry's Lake	Island Park	Grassy Lake	Total
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
1963	611.9	696	353	87.0	64.1	33.5	6.3	1,851.8
Av.	405.9	321	289	75.5	59.0	36.4	9.1	1,195.9

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. 259

Ollie B. Wray, 1.6 cfs July 15, 1888 from Watson Slough Irrigation Co. to Parsons Ditch.

Change in Point of Diversion No. 260

Ross W. Anderson, 3.0 cfs March 6, 1885 from Watson Slough Ditch Company to Parsons.

Change in Point of Diversion No. 261

Albert Christensen, 0.8 cfs March 6, 1885, and 1.2 cfs June 1, 1886, from Watson Slough Ditch Co. to Parsons Ditch.

Change in Point of Diversion No. 262

Glen Henry Wheeler, 0.4 cfs March 6, 1885 and 0.7 cfs July 15, 1888, from Watson Slough Irrigation Co. to Parsons Ditch.

Change in Point of Diversion No. 263

Edna M. Good, 0.4 cfs March 6, 1885, and 0.1 cfs July 15, 1888, from Watson Slough Ditch Co. to Parsons.

TRANSFERS

Transfer No. 1015

Ray Andrus, Sr., and Ray Andrus, Jr., 2.0 cfs June 1, 1885 from Osgood to New Sweden.

Transfer No. 1016

North Idaho Falls Stake, 1.0 cfs June 1, 1885, from Osgood to New Sweden.

LITIGATION

None.

COMMUNITY LATERAL MANAGERS

None

CANAL DELIVERIES

Daily diversions from Snake River by canals above American Falls reservoir during the 1963 irrigation season are shown on Plates 6-10. Daily diversions for canals below American Falls are shown on Plates 55-67. Miscellaneous measurements of various canals and streams in the headwater areas are shown on Plate 24.

Total diversions during the 1963 irrigation season by all canals in the district, including headwater areas, as tabulated in the annual watermaster bill, amounted to 7,448,000 acre-feet. This is 11% less than the 1962 diversions which were the greatest of record.

Diversions during 1963 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	3,570	900	4.0
Progressive Irr. Dist.	205,400 (a)	32,000	6.4
Farmers Friend	86,730	10,700	8.1
Enterprise Canal	40,310	5,000	8.1
Nelson	320	25	12.8
Mattson Craig & Arnsberger	3,120	516	6.0
Ross & Rand	590	145	4.1
Butler Island	11,310	1,280	3.8
Steele	1,520	220	6.9
Harrison	127,000	13,000	9.8
Cheney	1,560	130	12.0
Rudy Irr. Co.	54,000	5,000	10.8
Kite & Nord	1,470	200	7.4
Burgess	231,200	22,000	10.5
Clark & Edwards	19,380	1,800	10.7
Lowder	10,050	1,000	10.0
East Labelle	29,500	3,000	9.8
Sunnydell	30,810	3,680	8.4
Lenroot	35,400	3,400	10.4
Reid	48,570	5,500	8.8
Texas Feeder	77,750	9,000	8.6
Nelson Corey	1,040	400	2.6
Hill Pettinger	840	200	4.2
Rigby	45,730	4,000	11.4
Dilts	5,230	560	9.3
Island	45,910	4,000	11.5
W. Labelle & Long Island	132,500	11,500	11.5
Parks & Lewisville	87,500	7,000	12.5
North Rigby	14,260	1,250	11.4
White	800	110	7.3
Ellis	650	60	10.8
Bramwell	1,750	200	8.3
Butte & Market Lake	78,500	20,000	3.9
Osgood	16,310 (d)	5,750	3.0
Bear Island & Smith	680	330	2.1
Idaho	242,300 (a)	35,950	6.7

Diversions by Snake River canals, 1963 - continued

Canal	Diversions (acre-feet)	Acres Irrigated	Acre-feet per acre
Kennedy	7,900	2,700	2.9
Great Western & Porter	202,000	25,200	8.0
Coy & Kellar	20	10	2.0
Woodville	23,630	2,500	9.5
SNAKE RIVER VALLEY	171,100 (a)	21,500	8.0
Reservation	80,110 (b)	33,000	2.4
Blackfoot	83,560	15,000	5.6
New Lava Side	35,370	6,000	5.9
Peoples	112,200	20,000	5.6
Aberdeen	302,600	63,000	4.8
Corbett	46,890	6,000	7.8
Nielsen-Hansen	2,860	460	6.2
Riverside	32,480	4,500	7.2
Danskin	47,590	6,000	7.9
Trego	15,150	1,800	8.4
Wearyrick	14,980	1,600	9.4
Watson	23,980	2,900	8.3
Parsons	10,930	1,310	8.4
Michaud (Falls Irrig.)	18,300 (c)	6,068 (c)	3.0
Minidoka Irr. Dist.	428,710	72,210	5.9
Burley Irr. Dist.	258,700	46,500	5.6
Minidoka North Side Pump	44,840	14,568	3.1
Twin Falls Canal Co.	1,051,000	202,700	5.2
North Side Canal Co.	1,067,000	159,400	6.7
Milner Low Lift	48,430	12,610	3.8
Gooding	447,900	61,500	7.3
Total	6,271,790	998,592	6.3

(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.

(d) Received additional water from wells.

These main river canals diverted about 11% less water than in 1962. Lower Valley diversions were 7% less than for 1962, while upper valley diversions were about 16% below the 1962 diversions.

Of the 3,347,000 acre-feet diverted by lower valley canals (below Neeley), 1,540,000 acre-feet or 46% was stored water. Upper valley main canals diverted 2,925,000 acre-feet, of which 612,103 acre-feet or 21% 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>
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
1963	303	553	907	668	476	2,907
Average	475	707	816	652	486	3,121

Henrys Fork and Tributaries
(excluding headwater areas)

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
1963	174	207	250	189	115	935
Average	196	248	228	183	123	978

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>
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
1963	18	116	114	191	160	89	683
Average	37	143	145	182	159	93	759

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>
1954	88	217	196	230	228	177	1,126
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
1963	71	183	193	246	230	168	1,091
Average	73	195	201	234	222	160	1,085

Twin Falls Project

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
1963	76	193	186	238	220	162	1,075
Average	89	199	194	226	217	153	1,078

Gooding Project

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
1963	15	75	82	101	94	81	448
Average	20	81	86	97	91	70	445

Diversions through June were considerably below the average. Those for July and August were among the highest of record. Totals for the season were below the record high diversions of 1962. Weather remained dry and diversions continued throughout October 1963.

Ground water, both east and west of Rigby, reached fairly high levels in August and September. It was not as serious as in 1962 and canals did not cut down or shut off to control the water levels.

RIVER DATA

The usual methods of segregating stored water and normal flow at the reservoir outlets was continued in use during 1963. 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 4 to Aug. 14, of 25,371 cfs and actual stored of 20,338 cfs. The difference is 5,033 cfs days or 9,543 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 later in the season when normal flow was delivered to storage rights.

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

The net total of stored water passing the Blackfoot gaging station during the irrigation season was 83,726 acre-feet. This was for a 110-day period and is about the minimum that can be reasonably attained. This would average about 385 cfs of stored water per day. With 200 cfs inflow between lowest canal and Blackfoot station the average flow at Snake River near Blackfoot was 585 cfs.

A number of canals were bothered with moss growth during the 1963 season. The Aberdeen canal reported an overall loss of 40.1% compared to 38.1% in 1962.

STORED WATER DELIVERIES

Reservoir Allotments

American Falls

American Falls contents on June 30 1,708,000 acre-feet

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

Jackson Lake

Jackson Lake was filled to capacity until July 9. All rights were 100% filled requiring an allotment of 847,000 acre-feet.

Palisades Reservoir

Palisades Reservoir usable contents on July 3 was 1,203,000 acre-feet. All rights were 100% filled requiring an allotment of 1,200,000 acre-feet.

1963 Storage allotments in Acre-feet
(Downstream order from Heise)

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Poplar Irrigation Dist.	673	1,589	1,500	3,812
Progressive Irr. Dist.	12,485	7,209	28,500	48,194
Farmers Friend		2,000	9,400	11,400
Enterprise Canal Co.	8,923	11,252	19,600	39,775
Mattson Craig			1,440	1,440
Butler Island			250	250
Harrison	12,025	11,943	23,500	47,468
Rudy	2,649	3,530	15,700	21,879
Burgess	9,496	10,603	31,400	51,499
Clark & Edwards			800	800
Lowder		1,040	1,600	2,640
East Labelle			800	800
Sunnydell		4,000	6,300	10,300
Lenroot	3,868	5,234	7,850	16,952
Reid	2,549	1,472	3,150	7,171
Texas & Liberty Park			4,700	4,700
Enterprise Irr. Dist (N.F.)	10,188	5,883		16,071
Fremont-Madison Irr. Dist.			1,000	1,000
Rigby			6,300	6,300
Island			4,700	4,700
Dilts	886	511	1,200	2,597
West Labelle			1,000	1,000
Long Island			5,000	5,000
Parks & Lewisville			5,500	5,500
North Rigby			1,200	1,200
Butte & Market Lake	4,666	2,695	44,000	51,361
Osgood (U.I.S.Co.)	13,459	7,771	15,250	36,480
Bear Island	191	110		301
Sakaguchi (Smith & Kennedy)	71	91		162
Clement Bros (Kennedy)	0	105	0	105
Owners Mutual	0	200	290	490
Shattuck Irrigation	0	0	3,900	3,900
Idaho	22,911	13,230	58,800	94,941
Martin	2,006	2,659	5,600	10,265
New Sweden Irr. Dist.	25,731	19,857	31,400	76,988
West Side Mutual			2,350	2,350
Woodville	6,047	3,491	6,000	15,538
Snake River Valley	26,367	30,225	35,300	91,892
Palisades Water Users			50,230	50,230
Blackfoot	12,763	7,370	4,050	24,183
New Lava Side			11,750	11,750
Peoples	21,415	20,365	35,000	76,780
Aberdeen	55,591	74,626	152,800	283,017
Corbett	3,396	1,961	6,300	11,657
Riverside			1,500	1,500
Danskin			2,350	2,350

Storage allotments - continued

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Trego	1,314	758	3,200	5,272
Wearyrick			600	600
Watson			2,350	2,350
Parsons			700	700
Total above Blackfoot	259,670	251,780	656,160	1,167,610
Michaud (Indian Service)	47,700		83,900	131,600
Falls Irrig. Dist.	23,300		40,900	64,200
Minidoka Irrig. Dist.	83,563	186,030	35,000	304,593
Burley Irrig. Dist.	157,942		39,200	197,142
Minidoka N. S. Pump	47,593		90,800	138,393
Milner Low Lift	45,687		27,500	73,187
Twin Falls Canal Co.	151,185	97,183		248,368
Hillsdale	41,146			41,146
North Side Canal Co.	397,214	312,007	116,600	825,821
Gooding	400,000		1,000	401,000
Idaho Power Co.	45,000			45,000
City of Pocatello			50,000	50,000
Westvaco			5,000	5,000
J. R. Simplot			2,500	2,500
U. S.			*51,440	51,440
Total below Blackfoot	1,440,330	595,220	543,840	2,579,390
Grand Total	1,700,000	847,000	1,200,000	3,747,000

* Wyoming 33,000; Milner Low Lift allocated 17,000;
Salmon Falls 1,000; contingencies 440.

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

Summary of Water District No. 36 Rentals - 1963

<u>Sources</u>	<u>Rentals</u>
U. S. Indian Service 7,220 a.f.	Swan Valley 665 a.f.
Falls Irrigation Dist. <u>3,030</u>	Heise to Shelley 3,974
	Reservation Canal 1,850
10,250 a.f.	Milner Low Lift 3,560
	Other <u>201</u>
	10,250 a.f.

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. The Fremont-Madison Irrigation District rented about 6,400 acre-feet to users in the Henrys Fork area.

Supply and Disposal of stored water, 1963
(acre-feet)

Supply

Jackson Lake	July 3	849,790
Palisades (usable)	July 3	1,203,000
American Falls	June 30	1,708,000
Lake Walcott	June 30	95,910
Henrys Lake	July 10	82,700
Island Park	July 2	134,720
Grassy Lake	July 9	15,100
Indian & Bergman Res. yield		766
Sheridan Creek right		1,904*
Gain Neeley to Milner		<u>72,704*</u>
Total		4,164,594

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

Disposal

Used by Snake River rights		2,202,853
Used by Henrys Fork rights		157,035
Storage transmission loss Snake River		52,627
Storage transmission loss Henrys Fork		3,580
Storage transmission loss Cross Cut		4,259
Henrys Lake loss		1,860
Holdovers: Jackson	Oct. 16	596,910
Palisades (usable)	Oct. 17	689,000
American Falls	Oct. 18	278,000
Lake Walcott	Oct. 18	93,320
Henrys Lake	Sept. 24	64,100
Island Park	Sept. 24	33,560
Grassy Lake	Sept. 2	<u>6,210</u>
Total		4,183,314

The difference is 18,720 acre-feet with more storage accounted for than required. The extra storage is more than accounted for by the apparent gain of 24,000 acre-feet in American Falls Reservoir during the period June 30 to Sept. 30.

Total reservoir holdovers at end of season were 1,761,000 acre-feet.

Tabulated below is an approximate distribution of holdover space in the various reservoirs at the end of the 1963 season. Figures are after deducting 1½% loss on carryover as provided in Palisades contracts. All figures are in acre-feet.

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Riley		112	1,230	1,342
Progressive			15,105	15,105
Farmers Friend			1,757	1,757
Enterprise Canal Co.			14,577	14,577
Mattson Craig			1,020	1,020
Butler Island				0
Harrison			14,870	14,870
Rudy			8,928	8,928
Burgess			12,886	12,886
Clark & Edwards			7	7
Lowder			852	852
East Labelle			356	356
Sunnydell			3,616	3,616
Lenroot			6,280	6,280
Reid		388	1,220	1,608
Texas & Liberty Park			2,358	2,358
Rigby			3,670	3,670
Island			2,739	2,739
Dilts	100	425	940	1,465
West Labelle			542	542
Long Island			2,856	2,856
Parks & Lewisville			2,031	2,031
North Rigby			429	429
Butte & Market Lake	3,514	2,695	36,750	42,959
Osgood	4,368	7,771	12,920	25,059
Shattuck Irrigation			3,251	3,251
Owners Mutual		200	86	286
Idaho	3,454	13,230	45,760	62,444
New Sweden		19,380	21,410	40,790
West Side Mutual			1,822	1,822
Martin			3,502	3,502
Woodville			2,953	2,953
Snake River Valley			15,724	15,724
Palisades Water Users			24,073	24,073
Enterprise Irr. Dist.		1,281		1,281
Fremont-Madison			1,000	1,000
Blackfoot	12,763	7,370	706	20,839
New Lava Side			9,614	9,614
Peoples			19,619	19,619

Holdover space in reservoirs - continued

<u>Canal</u>	<u>American Falls</u>	<u>Jackson Lake</u>	<u>Palisades</u>	<u>Total</u>
Aberdeen			115,489	115,489
Corbett		1,283	4,120	5,403
Riverside			622	622
Danskin			671	671
Trego	1,314	758	2,973	5,045
Wearyrick			186	186
Watson			1,254	1,254
Parsons			426	426
Total above Blackfoot	25,513	54,893	423,200	503,606
Michaud Div. - Fort Hall	38,614		83,900	122,514
Falls Irr. Dist.	4,008		40,900	44,908
Minidoka Irr. Dist.*		39,310	29,672	68,982
Burley Irr. Dist.*	18,622		36,528	55,150
Minidoka N. S. Pump	10,284		90,800	101,084
Gooding	126,106		1,000	127,106
North Side		265,368		265,368
Twin Falls		81,257		81,257
Milner Low Lift	12,216		27,500	39,716
U. S.			50,668	50,668
City of Pocatello			49,250	49,250
Simplot			2,157	2,157
Westvaco			4,245	4,245
Total below Blackfoot	209,850	385,935	416,620	1,012,405
Grand Total	235,363	440,828	839,820	1,516,011

* Additional holdover in Walcott.

Contents of the above reservoirs at end of season was as follows: American Falls 278,000 a.f.; Jackson 596,910, Palisades 689,000. The total was 1,563,910. The gain of 47,910 was left to American Falls credit.

Total contents of Jackson plus Palisades was 1,285,910 a.f. Computed holdovers in these two reservoirs was 1,280,648 a.f. Palisades water in Jackson Lake at end of season was (596,910 - 440,828) or about 156,000 acre-feet.

Jackson Lake Contents at end of season		596,910 a.f.
Less Palisades credit	156,000	
Less top space holdovers	346,625	
Holdovers in bottom space		94,285 a.f.

The above computations do not take account of river transmission losses. Space has been considered equivalent in all reservoirs.

Water released at Moran prior to the 1964 irrigation season should repay the 156,000 acre-feet of Palisades credit in Jackson Lake.

With the total carryover in all reservoirs of 43% the prospect of filling in 1964 is good. In this event the above computations are only of academic interest.

Michaud Project use of stored water

The annual reports since 1958 have contained a detailed analysis of the water used on the Michaud Project by the Falls Irrigation District. Tabulated below is a summary of this data for the years 1958 to 1963.

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

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

Area No. 2 (Tributary below American Falls)

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

* 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 $1\frac{1}{2}$ miles which is non-tributary to American Falls Reservoir. No account is taken of this 4% loss in the contribution to ground water in Area 2.

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

GROUNDWATER PUMPING

An additional credit to American Falls reservoir is water now being pumped from wells by the City of Pocatello, the Westvaco Company, the J. R. Simplot Company, and the Michaud Unit of the Fort Hall Project. Only a part of the water pumped is used consumptively. The City of Pocatello reported a total of 3,406 acre-feet pumped for period May through September. Another 149 acre-feet was pumped in the Alameda area. This is much below the 7,000 acre-feet permitted before a charge is made against their Palisades allotment. The Westvaco Company pumped about 2,160 acre-feet during the May to September period. Most of this returned to the ground or to Portneuf River. The Simplot Company pumped about 3,700 acre-feet during the above period. They estimated their consumptive use at 310 acre-feet. A total of 1,000 acre-feet was charged against Palisades allotments of above companies.

There were 1,350 acres irrigated by pumping from wells on the Michaud Unit of the Fort Hall project. Total water pumped amounted to 2,296 acre-feet. In addition 1,312 acre-feet was pumped from the Portneuf River during the August to October period for testing the canal system. With most of their American Falls allotment unused

after rentals and any charge for above use the 1964 allotment will still be 100% filled. No charge made for small 1963 use.

It appears that American Falls reservoir will fill and spill in 1964 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, 1963 (Alpine dates and 24-hr. cfs except as noted)

Station	May	June	July	Aug.	Sept.	Total
Moran	7,204	162,690	85,990	87,250	36,284	379,418
Snake-Alpine	189,190	461,000	215,120	143,490	92,730	1,101,530
Total gain cfs	181,986	298,310	129,130	56,240	56,446	722,112
Mean gain cfs	5,871	9,944	4,165	1,814	1,882	4,720
Total gain a.f.	360,960	591,690	256,130	111,550	111,960	1,432,290

Gain in Snake River, Alpine gaging station to state line, 1963

Station	May	June	July	Aug.	Sept.	Total
Greys River	50,354	49,930	21,878	12,197	10,452	144,811
Salt River	36,520	30,728	18,298	16,148	20,160	121,854
Total gain cfs	86,874	80,658	40,176	28,345	30,612	266,665
Mean gain cfs	2,802	2,689	1,296	914	1,020	1,743
Total gain a.f.	172,310	159,980	79,690	56,220	60,720	528,920

With the exception of the September gain Moran to Alpine, all gains are less than for last year. The increase in the September gains over August reflects heavy late August and September precipitation.

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	5,546	-14,117	135,621	90,246	30,754	248,050
Total supply*	281,610	527,541	390,917	262,081	154,096	1,616,245
Heise	350,260	585,500	428,500	289,320	177,270	1,830,850
Riley	125	273	818	459	123	1,798
Total acct.for	350,385	585,773	429,318	289,779	177,393	1,832,648
Total gain cfs	68,775	58,232	38,401	27,698	23,297	216,403
Mean gain cfs	2,219	1,941	1,239	893	777	1,414
Total gain a.f.	136,410	115,500	76,170	54,940	46,210	429,230

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

Except for May, all gains are greater than for 1962.

Gain in Snake River, Heise to Shelley, 1963
(Heise dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Rexburg	101,540	112,480	23,782	32,663	43,170	313,635
Total supply**	451,925	698,253	453,100	322,442	220,563	2,146,283
Diversions	100,736	198,030	333,080	249,620	176,430	1,057,896
Shelley	340,760	519,840	148,380	112,760	89,240	1,210,980
Total acct.for	441,496	717,870	481,460	362,380	265,670	2,268,876
Total gain cfs	-10,429	19,617	28,360	39,938	45,107	122,593
Mean gain cfs	-336	654	915	1,288	1,504	801
Total gain a.f.	-20,690	38,910	56,250	79,220	89,470	243,160

** Rexburg plus Heise and Riley from previous table.

Except for September, all gains are less than for 1962. The loss in May is owing to low ground water and little spill from canals.

The average gain is 237 cfs less than a year ago and includes infow from Market Lake Springs credited to Owners Mutual Canal Co.

Gain or loss in Snake River, Shelley to Blackfoot, 1963
(Shelley dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Shelley	337,970	521,490	148,950	112,790	89,540	1,210,740
Blackfoot River	8,740	9,842	582	2,822	1,785	23,771
Total supply	346,710	531,332	149,532	115,612	91,325	1,234,511
Diversions	51,819	80,850	124,330	87,340	63,390	407,729
Blackfoot	283,230	464,720	22,431	30,377	34,722	835,480
Total acct.for	335,049	545,570	146,761	117,717	98,112	1,243,209
Total diff.cfs	-11,661	14,238	-2,771	2,105	6,787	8,698
Mean diff cfs	-376	475	-89	68	226	57
Total diff a.f.	-23,130	28,240	-5,500	4,180	13,460	17,250

Greater than usual river discharge and small spill from canals accounts for large loss in May. The average gain of 57 cfs is 103 cfs less than a year ago.

Gain or loss in Snake River, Blackfoot to Neeley, 1963
(Neeley dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Blackfoot	270,630	475,040	26,441	30,437	34,532	837,080
Inflow*	95,867	90,830	80,929	79,245	80,136	427,007
Res. draft	-2,500	15,100	298,500	254,600	130,100	695,800
Total supply	363,997	580,970	405,870	364,282	244,768	1,959,887
Diversions	549	1,415	3,438	2,526	1,297	9,225
Neeley	355,980	570,400	412,600	365,900	241,360	1,946,240
Total use	356,529	571,815	416,038	368,426	242,657	1,955,465
Total diff.cfs	-7,468	-9,155	10,168	4,144	-2,111	-4,422
Mean diff.	-241	-305	328	134	-70	-29
Total diff.a.f.	-14,810	-18,160	20,170	8,220	-4,190	-8,770

There were losses during May and June while reservoir was full. During the months of July and August while water was being rapidly withdrawn there was a gain from bank storage. The gain for the period of regulation July 1 to September 30 amounted to about 24,000 acre-feet. This is 1.4% of reservoir capacity and 1.8% of the storage withdrawn.

* A tabulation of inflow data is shown on Plate 11. Twelve sets of measurements were obtained during the period and figures interpolated between measurements. Portneuf river inflow was corrected for occasional pumping for tests in Indian Service Michaud Canal. It will be necessary to obtain daily records of this pumping when

project use starts next year. Daily figures of waste from the Aberdeen Project were furnished by Mr. Jake Isaak, Manager. Unmeasured inflow as computed from the "Newell" formula varied from 1,260 to 1,320 cfs.

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

<u>Date</u>	<u>Discharge in cfs</u>
May 17, 1963	25.9
July 2	22.1
July 26	22.2
Aug. 23	23.7
Sept. 28	19.9

Gain or loss in Snake River, Neeley to Minidoka, 1963
(Minidoka dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Neeley	352,280	572,070	412,130	366,170	243,470	1,946,120
Walcott release	3,280	480	370	-250	4,360	8,240
Total supply	355,560	572,550	412,500	365,920	247,830	1,954,360
No. Minidoka	37,761	28,402	54,610	43,080	21,824	185,677
So. Minidoka	20,621	28,841	41,910	37,720	22,873	151,965
Minidoka	303,480	514,890	308,770	281,750	206,620	1,615,510
Total use	361,862	572,133	405,290	362,550	251,317	1,953,152
Total diff.cfs	6,302	-417	-7,210	-3,370	3,487	-1,208
Mean diff.cfs	203	-14	-233	-109	116	-8
Total diff.a.f.	12,500	-830	-14,300	-6,680	6,920	-2,400

There was a loss for months of June, July and August and gain in May and September.

Gain in Snake River, Minidoka to Milner, 1963
(Milner dates and 24-hr cfs, except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Minidoka	299,000	516,890	308,630	282,030	209,170	1,615,720
Min. N.S. Pump	2,472	3,556	7,484	5,749	3,351	22,612
P. A.	1,345	1,689	2,132	1,615	1,245	8,026
Milner Low Lift	3,806	2,939	7,907	6,253	3,396	24,301
Gooding	60,880	65,150	79,350	76,280	68,770	350,430
North Side	67,450	72,150	93,560	85,740	55,450	374,350
Twin Falls	97,150	93,920	119,760	110,660	81,580	503,070
Lake Milner stored	110	40	120	-30	-670	-430
Milner	73,289	279,620	6,776	8,227	7,525	375,437
Total use	306,502	519,064	317,089	294,494	220,647	1,657,796
Total gain cfs	7,502	2,174	8,459	12,464	11,477	42,076
Mean gain cfs	242	72	273	402	382	275
Total gain a.f.	14,880	4,310	16,780	24,720	22,760	83,450

The total gain was about 8,000 acre-feet greater than in 1962.

The total gain from Neeley to Milner for period May through September was 81,050 acre-feet. The Minidoka Project was credited with 55,980 acre-feet of gain which occurred during periods when this project was drawing storage. About 15,500 of this credit was for gain that occurred October 1-17 when storage was being used by the Minidoka Project.

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.

After August 9, the Squirrel Creek Canal pumped all its water from Conant Creek. This relieved the Squirrel Creek demand and no special regulation was required on that creek.

Reservoir holdovers at the end of the season were about 46% of capacity.

Releases from Henrys Lake were discontinued on September 10, those from Grassy Lake on September 1, and from Island Park Reservoir on September 15.

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 1963. During the period July 4-21 stored water was charged a daily loss of 30 cfs. During period August 6-23 stored releases were credited with a like amount. This adjustment has been used in past years and presumably corrects the observed normal flow to pre-reservoir conditions. When Island

Park Reservoir is full there is a loss to ground water which is later recovered when the reservoir level drops. By making the above adjustment, normal flow is more nearly distributed to the rights that would be in effect if Island Park reservoir were not in the river system.

1963 REGULATION SCHEDULE

For period July 8-16 the regulation schedule on the Henrys Fork and Teton River was cut to earlier priorities than the main river. For periods July 27 to August 9, and August 28 to September 1, rights on Teton River were cut below Henrys Fork schedule. Low point occurred on August 30, when 25% of June 1, 1885 rights were filled.

Figures showing the operation of the Cross Cut Canal in 1963 are shown on Plate 23A. It delivered about 25,900 acre-feet to the Fall River Canal and 27,000 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 10, 1963

Howard Creek at highway	12	cfs
Targhee Creek above diversions	36.8	
Findlay diversion from Targhee Creek	2.61	
Targhee Creek at highway	37.9	
Targhee Creek into Lake	3	
Johnson Springs	6.05	
Duck Creek at highway - Gage 1.49	13.5	
Webster & Magleby from Duck Creek	3	
Magleby Sprinkler (Rock Creek)	2	
Moedl's diversion from Rock Creek	2	
Moedl's diversion from Hope Creek	2	

July 22, 1963

Sheridan Creek at Highway 22 - Gage 1.04	6.54
Sheridan Creek above diversions	34.1
Morain Creek	3

July 22, 1963 (continued)

Howard Creek (Hagenbarth Springs) at Forest Service Road	1.5 cfs
Snider Creek at Forest Service Road	6.0
Myers Creek at Forest Service Road	1.0
Taylor Creek at Forest Service Road	0.5
Willow Creek at Forest Service Road	5
Icehouse Creek at Forest Service Road	10
Grubb diversion from Icehouse Creek at Forest Service Road	4
Hotel Creek at Forest Service Road	10
Twin Creek past road	1.5
Twin Creek diversions	5.5
Jesse Creek	0
Jesse Creek diversions	2
Howard Creek at Highway	12
Targhee Creek at Highway	18
Targhee Creek into Lake	0.5
Sherwood Springs (Fish hatchery)	1
Duck Creek into Lake	6
Duck Creek at highway - Gage 1.30	10
Magleby & Webster diversion from Rock Creek	0.5
Magleby's sprinklers	2
Magleby's Rock Creek diversion	2
Moedl's Rock Creek diversion	2
Moedl's Hope Creek diversion	1.5

August 7, 1963

Findlay diversion from Targhee Creek	3.44
Targhee Creek below Findlay diversion	12
Howard Creek at Highway	10
Targhee Creek at Highway	12
Targhee Creek into Lake	0.2
Duck Creek into Lake	4
Duck Creek at highway - Gage 1.14	7
Magleby & Webster diversion from Rock Creek	1
Lyons Rock Creek diversion	0.1
Magleby's Rock Creek diversion	1.5
Rock Creek past Magleby's diversions	2.0
Magleby's sprinklers	1.8
Hope Creek diversion	1.0

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 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
		Sept. 10, 1963	185

CANAL DELIVERIES IN HENRYS FORK BASIN

Diversions during the 1963 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	2,410	1,200	2.0
Marysville	28,850	15,000	1.9
Farmers Own	10,970	4,800	2.3
Almy	350	80	4.4
Enterprise	30,940	5,885	5.3
Bell	920	320	2.9
Fall River	91,240 (a)	9,000	10.1
McBee	340	85	4.0
Chester	10,500	1,400	7.5
Silkey	4,400	680	6.5
Cur	8,970	1,300	6.9
Total Falls River	189,890	39,750	4.8

(a) Includes 25,900 diverted through Cross Cut.

<u>Henrys Fork Canals</u>			
Dewey	5,570	2,000	2.8
Last Chance	22,380	1,860	12.0
St. Anthony Union	135,200	9,700	14.0
Farmers Friend	26,410	2,550	10.3
Twin Groves	30,200	2,200	13.7
Salem Union	50,090	5,500	9.1
Egin	78,400	7,000	11.2
St. Anthony U. Feeder	25,900	2,300	11.2
Independent	64,470	6,000	10.7
Consolidated Farmers	59,950	6,000	10.0
Total Henrys Fork	498,570	45,110	11.1

<u>Lower Teton Canals</u>			
Siddoway	2,660	500	5.3
Wilford	23,970	2,300	10.4
Teton Irrigation	20,760	2,000	10.4
Good Luck	1,980	330	6.0
Pioneer	2,000	300	6.7
Stewart	2,890	519	5.6
Pincock-Byington	1,630	400	4.1
Pincock-Garner	2,680	480	5.6
Teton Island Feeder	99,540	10,400	9.6
Roxana	4,100 (b)	880	4.7
Island Ward	3,270 (b)	3,300	1.0
North Salem	1,680 (c)	450	3.7
Bigler Slough	1,070	160	6.7
Woodmansee-Johnson	4,260 (d)	1,330	3.2
City of Rexburg	6,500	950	6.8
Rexburg Irrigation	52,340	5,280	9.9

Diversions during 1963 irrigation season - continued

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
<u>Lower Teton Canals - continued</u>			
McCormick-Rowe	3,200	160	20.0
Saurey Sommers	3,680	315	11.7
Gardner	130	200	0.6
Eames Thompson	170	160	1.0
Total Lower Teton	238,510	30,414	7.9
Total Falls River, Henrys			
Fork and Lower Teton	926,970	115,274	8.0

(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 14% less than for 1962.

Of the total diversions of 926,970 acre-feet, 156,492 acre-feet or 16.9% was stored water.

Diversions by some of the principal canals in the headwater areas for the 1963 irrigation season (May 15 to September 30) are shown below:

Canal	Diversions (acre-feet)	Area Irrigated (acres)	Acre-feet per acre
String Canal	11,000	2,300	4.8
Trail Creek Irr. Co.	21,000	5,220	4.0
Fox Creek Canals	9,400	3,760	2.5
Darby Creek Canals	15,000	4,800	3.1
Grand Teton Canal	30,000	5,800	5.2
Canyon Creek Canal	2,800	2,200	1.3
Conant Creek Canal	3,000	1,500	2.0
*Squirrel Creek Canal	1,400	950	1.5
Boom Creek Canal	720	130	5.5

*Includes water pumped from Conant Creek.

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

STORED WATER DELIVERIES ON HENRYS FORK

Water available for Fremont-Madison allotments was as follows:

Island Park Reservoir (July 2)	134,720 a.f.
Grassy Lake (July 5)	15,100
Sheridan Creek right (about)	<u>1,920</u>

Total	151,740 a.f.
-------	--------------

The district allotted 132,923 acre-feet for the 1963 season.

Henrys Lake Allotments, 1963

Permits and licenses for storage of water in Henrys Lake are apparently limited to a total of 79,350 acre-feet. The lake contents on July 10 was 82,700 acre-feet. The total of 79,350 acre-feet was allotted allowing the surcharge of 3,350 acre-feet to take care of dead storage and loss.

Allotted

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

Henry's Fork Storage Operations - 1963
(all figures in acre-feet)

Henry's Lake

<u>Canal</u>	<u>Henry's Lake Storage Used</u>	
Dewey	1,135	
Last Chance	5,412	
Salem Union	2,777	
Independent	10,719	
Consolidated Farmers	<u>5,650</u>	
Total Used	25,693	
Storage release from Henry's Lake		16,740
Excess use above release		<u>8,953</u>

Henry's Fork near Rexburg Storage Balance for 1963		-32,150
Credits from other reservoirs:		
Enterprise use	14,684	
Other individuals	750	
Rental	<u>40</u>	
	15,474	<u>15,474</u>
Henry's Fork owes main river		16,676
Henry's Lake deficit		<u>8,953</u>
Fremont-Madison deficit		7,723

Above figures allow 1,000 acre-feet of Palisades storage owned by Fremont-Madison District to be carried over in Palisades. The above deficits will be cancelled when 16,676 acre-feet is spilled at Island Park during December or next spring.

Had Henry's Fork users rented through the pool committee the 6,423 acre-feet rented from Fremont-Madison District, the remaining Fremont-Madison deficit would be only 1,300 acre-feet.

On August 14 the Fremont-Madison District was given an accounting of storage use by letter from the watermaster. At that time the board decided that they would prefer a deficit operation to drawing Island Park reservoir to an extremely low level.

RIVER GAINS IN HENRYS FORK BASIN, 1963

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, 1963 (Island Park dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Lake	1,311	4,552	4,044	4,897	3,340	18,144
I. P. release	-943	413	29,160	21,580	434	50,644
Total supply	368	4,965	33,204	26,477	3,774	68,788
Island Park	26,772	26,112	47,896	40,240	19,372	160,392
Total gain cfs	26,404	21,147	14,692	13,763	15,598	91,604
Mean gain cfs	852	705	474	444	520	599
Total gain a.f.	52,370	41,940	29,140	27,300	30,940	181,690

The average gain is 102 cfs less than in 1962.

Gain in Henrys Fork, Island Park to Ashton, 1963 (Ashton dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Island Park	26,582	26,198	47,086	40,667	19,710	160,243
Ashton	68,940	55,340	72,610	68,840	43,830	309,560
Total gain cfs	42,358	29,142	25,524	28,173	24,120	149,317
Mean gain cfs	1,366	971	823	909	804	976
Total gain a.f.	84,020	57,800	50,630	55,880	47,840	296,170

The average gain is 82 cfs less than for 1962.

Gain in Henrys Fork, Ashton to St. Anthony, 1963 (St. Anthony dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Ashton	68,855	55,409	72,370	68,970	43,990	309,594
Chester	56,380	56,963	4,296	1,765	7,832	127,236
Total supply	125,235	112,372	76,666	70,735	51,822	436,830
Diversions	30,125	33,647	45,870	34,738	20,481	164,861
St. Anthony	98,000	84,090	32,904	33,732	32,456	281,182
Total acct for	128,125	117,737	78,774	68,470	52,937	446,043
Total gain cfs	2,890	5,365	2,108	-2,265	1,115	9,213
Mean gain cfs	93	179	68	-73	37	60
Total gain a.f.	5,730	10,640	4,180	-4,490	2,210	18,270

The gain in this section is caused by return flow from irrigation. The indicated loss in August is unusual and may indicate that the computed discharge at Ashton is too high. The average gain was 60 cfs compared to 52 cfs in 1962 and 33 cfs in 1961.

Gain in Falls River, Squirrel to Chester, 1963
(Chester dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Squirrel	58,189	66,060	20,890	14,087	14,436	173,662
Diversions	8,921	16,780	18,023	14,458	8,742	66,924
Chester	56,380	56,963	4,296	1,765	7,832	127,236
Total acct for	65,301	73,743	22,319	16,223	16,574	194,160
Total gain cfs	7,112	7,683	1,429	2,136	2,138	20,493
Mean gain cfs	229	256	46	69	71	133
Total gain a.f.	14,110	15,240	2,830	4,240	4,240	40,660

The gain for each month is less than a year ago. The mean gain was 133 cfs compared to 211 cfs in 1962 and 84 cfs in 1961.

Gain in Henrys Fork and Teton River, St. Anthony to Rexburg, 1963
(St. Anthony dates and 24-hr cfs, except as noted)

Station	May	June	July	Aug.	Sept.	Total
Teton River	40,874	53,610	32,534	22,172	18,205	167,395
Henrys Fork	98,000	84,090	32,904	33,732	32,456	281,182
Total Supply	138,874	137,700	65,438	55,904	50,661	448,577
H.Fk Diversions	29,164	24,160	27,925	21,876	12,174	115,299
Teton Diversions	19,542	27,756	33,807	23,198	15,649	119,952
Rexburg	102,780	111,420	23,460	32,654	43,616	313,930
Total acct for	151,486	163,336	85,192	77,728	71,439	549,181
Total gain cfs	12,612	25,636	19,754	21,824	20,778	100,604
Mean gain cfs	407	855	637	704	693	658
Total gain a.f.	25,020	50,850	39,180	43,290	41,210	199,550

The average daily gain is 221 cfs less than a year ago. This gain is produced mostly from return flow from upstream irrigation use. The 199,550 acre-foot gain is equal to 22% of the 926,970 acre-feet diverted by canals above Rexburg. This percentage was 17% for 1960 and 1961 and 25% for 1962. Much additional return flow

moves westward towards Mud Lake and there is further drain off to Henrys Fork during the non-irrigation season.

Teton River Gains

During part of the 1962 and 1963 irrigation seasons, gage readings and discharge measurements were obtained at several points on Teton River. From these readings gains in the several sections have been computed. Most of this gain is likely the result of canal spills for which no record was obtained. The water supply was adequate in both of the above years and records are needed for a dry year when canal spills are kept to a minimum.

Teton River Stations and Diversions

0 - Teton River near St. Anthony (Regular Gaging Station)

Siddoway
Wilford
Teton Irrigation
Good Luck
Pioneer
Stewart

1 - North Branch Teton
Pincock-Byington
Teton Island Feeder
Pincock-Garner
Gardner

4 - North Teton at Highway 191

5 - North Teton above Roxana
North Salem
Roxana
Island Ward
Saurey Sommers

6 - North Teton near Mouth

2 - South Branch Teton
Bigler
Woodmansee-Johnson
City of Rexburg
Rexburg Irrigation
McCormick-Rowe
Eames-Thompson

3 - Millrace

7 - South Teton at Highway 191

9 - South Teton near Mouth

Teton River Gains - 1962
(24-hr. second-feet)

<u>Station</u>	<u>July 20-31</u>	<u>August</u>	<u>September</u>
Teton River near St. Anthony	12,326	24,268	18,550
Diversions	3,579	7,574	5,489
(1) North Branch Teton	4,190	10,197	8,090
(2) South Branch Teton	3,451	5,380	3,617
(3) Millrace	1,386	3,047	2,563
Total accounted for	12,606	26,198	19,759
Total gain	280	1,930	1,209
Mean gain	23	62	40

North Teton

(1) North Teton	4,190	10,197	8,090
Diversions	3,925	10,924	8,503
(4) North Teton at Highway 191	917	3,186	2,727
Total accounted for	4,842	14,110	11,230
Total gain	652	3,913	3,140
Mean gain	54	127	105
(4) North Teton at Highway 191	917	3,186	2,727
(5) North Teton above Roxana	1,280	4,978	4,194
Total gain	363	1,792	1,467
Mean gain	30	58	49
(5) North Teton above Roxana	1,280	4,978	4,194
Diversions	536	1,679	1,169
North Teton below Saurey Sommers	1,040	3,659	3,336
Total accounted for	1,576	5,338	4,505
Total gain	296	360	311
Mean gain	25	12	10

South Teton

(2) South Teton R.	3,451	5,380	3,617
(3) Millrace	1,386	3,047	2,563
Total Supply	4,837	8,427	6,180
Diversions	3,200	7,564	5,662
(7) South Teton at Rexburg (about)	800	1,666	1,112
Total accounted for	4,000	9,230	6,774
Total gain	(-837)	803	594
Mean gain	(-70)	26	20
(9) South Teton near Mouth	2,780	4,973	-
Total gain	1,980	3,307	-
Mean	165	107	-
Total gain above branch	280	1,930	1,209
Total gain North Teton	1,311	6,065	4,918
Total gain South Teton	1,143	4,110	-
Total gain Teton River	2,734	12,105	-
Mean gain Teton River	227	391	-

Teton River Gains - 1963
(24-hr. second-feet)

<u>Station</u>	<u>July 22-31</u>	<u>August</u>	<u>Sept. 1-16</u>
Teton River near St. Anthony	9,518	22,172	9,825
Diversions	3,014	6,926	2,060
(1) North Branch Teton	4,122	9,635	4,598
(2) South Branch Teton	3,462	5,102	2,038
(3) Millrace	303	1,181	1,038
Total accounted for	10,901	22,844	9,734
Total gain	1,383	672	-151
Mean gain	138	22	-9

North Teton

(1) North Teton	4,122	9,635	4,598
Diversions	4,363	9,644	4,795
(4) North Teton at Highway 191	168	617	268
Total accounted for	4,531	10,261	5,063
Total gain	409	626	465
Mean gain	41	20	29
(4) North Teton at Highway 191	168	617	268
(5) North Teton above Roxana	413	1,408	513
Total gain	245	791	245
Mean gain	24	26	15
(5) North Teton above Roxana	413	1,408	513
Diversions	582	1,092	462
(6) N. Teton below Saurey Sommers	344	1,575	907
Total accounted for	926	2,667	1,369
Total gain	513	1,259	856
Mean gain	51	41	54

South Teton

(2) South Teton River	3,462	5,102	2,038
(3) Millrace	303	1,181	1,038
Total Supply	3,765	6,283	3,076
Diversions	2,401	5,536	2,567
(7) South Teton at Rexburg	11	1,581	1,391
Total accounted for	2,412	7,117	3,958
Total gain	(-1,355)	834	882
Mean gain	(-135)	27	55
(9) South Teton near mouth	1,047	3,963	(abt) 2,600
Total gain	1,036	2,382	1,209
Mean	104	77	76
Total gain above branches	1,383	672	-151
Total gain North Teton	1,167	2,676	1,566
Total gain South Teton	(-317)	3,216	2,091
Total gain Teton River	2,233	6,564	3,506
Mean gain Teton River	223	212	219

TETON BASIN

Mr. Arthur Wilson, with summer office at Driggs, continued as Deputy Watermaster in Teton Basin during 1963.

The water content of snow on April 1 on the Teton watershed was 49% of normal. April to September precipitation at Driggs was 14.26" compared to the normal of 8.08". This excessive precipitation in a large measure compensated for the previous light snow pack.

Seasonal diversions for most canals in this area were less than in 1962.

Again this year, canal diversions were started early and water spread to build up the groundwater table. This practice seems to result in a greater sustained flow of the Teton River later in the season.

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

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

Canal diversions were mostly from normal flow and only a little over 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 \$451.12 was charged as a special item to the local users and a similar amount was charged as general District 36 expense.

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

SWAN VALLEY

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 \$420.00 total, as a special charge and the balance of the cost of his services, amounting to \$756.00, was charged as general expense to District 36.

There was little demand for stored water in excess of Palisades allotments. Swan Valley users rented 665 acre-feet from Water District 36 during 1963.

CLIMATOLOGICAL DATA
(Precipitation in inches for year ending September 30, 1963)

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.	0.95	1.48	0.99	1.45	0.45	1.01	1.53	1.57	0.60	1.28
Nov.	1.78	1.41	1.82	1.88	.31	1.11	.59	1.78	.60	1.58
Dec.	.21	1.51	.83	2.36	.59	1.54	T	2.18	.71	2.29
Jan.	1.88	1.60	3.75	2.35	1.51	1.43	2.61	2.11	1.70	1.77
Feb.	1.33	1.48	2.38	2.28	2.00	1.32	2.80	1.95	2.90	2.05
Mar.	1.33	1.51	.96	2.08	1.11	1.20	1.16	2.02	1.67	1.73
Apr.	3.39	1.48	3.18	1.73	2.66	1.20	3.37	1.67	3.43	1.57
May	3.98	2.04	3.20	1.85	2.15	1.50	2.32	2.13	3.83	1.95
June	3.88	2.29	2.85	1.77	3.18	1.51	3.21	2.08	3.66	1.91
July	.72	.94	.35	.97	.34	.75	.03	.93	.07	.79
Aug.	1.48	1.19	.88	1.30	1.05	1.12	2.00	1.04	.53	1.20
Sept.	3.92	1.28	2.50	1.28	3.17	1.04	3.49	2.23	2.26	1.41
Year	24.85	18.21	23.69	21.30	18.52	14.73	23.11	21.69	21.96	19.53

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.	0.22	1.35	0.18	0.63	0.42	0.89	0.34	0.75	0.62	1.16
Nov.	2.41	1.56	.40	.62	1.10	.99	.85	.93	1.09	1.32
Dec.	.39	1.89	.12	.80	.15	1.37	.57	.91	.40	1.65
Jan.	1.57	1.82	.65	.90	1.48	1.21	1.13	1.02	1.81	1.58
Feb.	1.83	1.77	.77	.71	1.00	.92	1.17	.72	1.80	1.47
Mar.	1.19	1.39	.73	.66	.85	1.02	.76	.87	1.08	1.39
Apr.	2.47	1.04	1.87	.66	3.30	1.06	2.20	.86	2.88	1.25
May	5.03	1.45	2.28	.98	2.26	1.13	1.40	1.00	2.94	1.56
June	2.55	1.91	1.97	1.13	2.74	.96	2.12	.79	2.91	1.60
July	.28	.82	.02	.46	T	.51	.02	.24	.20	.71
Aug.	.75	.95	1.27	.50	.53	.51	.57	.17	1.01	.89
Sept.	2.65	.94	.88	.63	1.42	.61	.85	.36	2.35	1.09
Year	21.34	16.89	11.14	8.68	15.25	11.18	11.98	8.62	19.09	15.67

* Used 16 year average.

On an average for the nine stations the precipitation for the water year ending September 30, 1963, was almost 122% of normal.

Most of the excess occurred in the April to June period and in September.

REMARKS

Water was released from Palisades Reservoir during May and June to conform with flood-control requirements. Continued heavy rains after Palisades Reservoir filled resulted in higher flows at Heise

than is desirable. Flood-control operations attempt to limit the Heise discharge to 20,000 cfs. In extreme conditions it is permitted to raise to 30,000 cfs. Average daily discharges at Heise were as follows:

<u>Date</u>	<u>Discharge in cfs</u>	<u>Date</u>	<u>Discharge in cfs</u>
June 15	19,000	June 21	21,200
16	22,300	22	21,100
17	25,100	23	21,000
18	25,100	24	20,600
19	22,900	25	18,300
20	21,500		

The peak discharge was 25,400 cfs on June 17.

As a result of the above discharges low ground in the Menan-Roberts area was flooded. Flooding occurred from water seeping under levies or backing up from sloughs. This low ground will continue to be subject to flooding in many future years. The amount of flooding could probably be reduced by channel work consisting of removing bars and obstructions which accumulate in the river channel. This building up of the river channel is a part of the history of the river. It may now be occurring at a faster rate with the absence of former high discharges that tended to remove some of the accumulated materials.

A threatened break in the river channel near Blackfoot was prevented by work initiated by Flood Control District No. 1 and the Corps of Army Engineers.

Filling of the channel occurred at points in the Blackfoot area during the high water. This interfered somewhat with several canal headgates. The river in that area was kept unusually low for periods in July and September to permit removal of gravel bars and

tightening of diversion dams.

During the past year Flood Control District No. 1 was expanded to include most of the area from Heise to Blackfoot, totaling about 300,000 acres. This agency will provide leadership and funds for effecting flood prevention measures and in coordinating flood-fighting activities.

Only minor pollution problems were reported during the year. While the Snake River at Blackfoot was dry (September 10-13) to permit work on diversion dams waste from the Blackfoot sewage-treatment plant and from potato processors was being dumped into a practically dry channel. Future storage development on the river should include some storage to maintain higher flows at critical points during dry years.

EXPENDITURES DURING YEAR ENDING SEPTEMBER 30, 1963

Engineers and Hydrographers:

H. C. Eagle	Salary, 1 year	\$10,696.00
A. L. Larson	Salary, 1 year	9,217.60
R. W. Harper	Salary, 1 year	5,394.40
O. P. Mortensen	Salary, 5 mos. @ \$440 mo.	2,200.00
Oleen Dummer	Salary, 1 yr. @ \$440 & \$430	2,271.83
A. H. Bush	Salary, 2.35 mo. @ \$440 mo.	1,033.75
A. W. Wilson	Salary, 4.05 mo. @ \$440 mo.	1,781.61

Clerk:

Charlotte E. Wood	Salary, 1 year	5,576.00
-------------------	----------------	----------

River Riders:

D. R. Anthony	85 days @ \$13.00 incl. mileage	1,105.00
J. M. Brown	85 days @ \$13.00 incl. mileage	1,105.00
J. A. Balmforth	39 days @ \$14.00 incl. mileage	546.00
C. J. Anderson	85 days @ \$13.00 incl. mileage	1,105.00
David Peterson	84 days @ \$14.00 incl. mileage	1,176.00
L. C. Anderson	84 days @ \$17.50 incl. mileage	1,470.00
S. B. Garrett	81 days @ \$17.50 incl. mileage	1,417.50
Elmer Lenz	2.87 mo. @ \$130.00 mo. inc. mileage	372.80
Seth L. Hansen	401 hrs. @ \$2.25 incl. mileage	902.25

Expenditures during year ending September 30, 1963 - continued

Miscellaneous:

Transportation, 33,320 miles @ 10¢ mile	\$ 3,332.00
Transportation, Government car, 1 year	2,065.48
Telephone and telemark	836.74
Supplies and Equipment	2,156.29
Office Machines	131.09
Gage Readers	780.50
Bond Premium & Insurance (incl. hospital & life)	548.83
Interest	73.41
Social Security	403.31
Employment Security	36.38
Construction and repairs	1,264.71
Subsistence	455.97
Groundwater Investigations	1,500.00
Postage	444.52
Retirement Fund (Federal)	2,007.35
Government Travel Expense - R. W. Harper	338.00
Government Travel Expense - A. L. Larson	107.50
Lynn Crandall	874.39
TOTAL	\$64,727.21

Expenditures from various funds:

Consolidated State repay and Federal accounts	\$31,249.14
Waterusers Funds	32,878.07
TOTAL	\$64,727.21

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$1,282.69 for services at \$10.00 per day and expenses, which was pro-rated among upper valley canals.

Funds on hand September 30, 1963

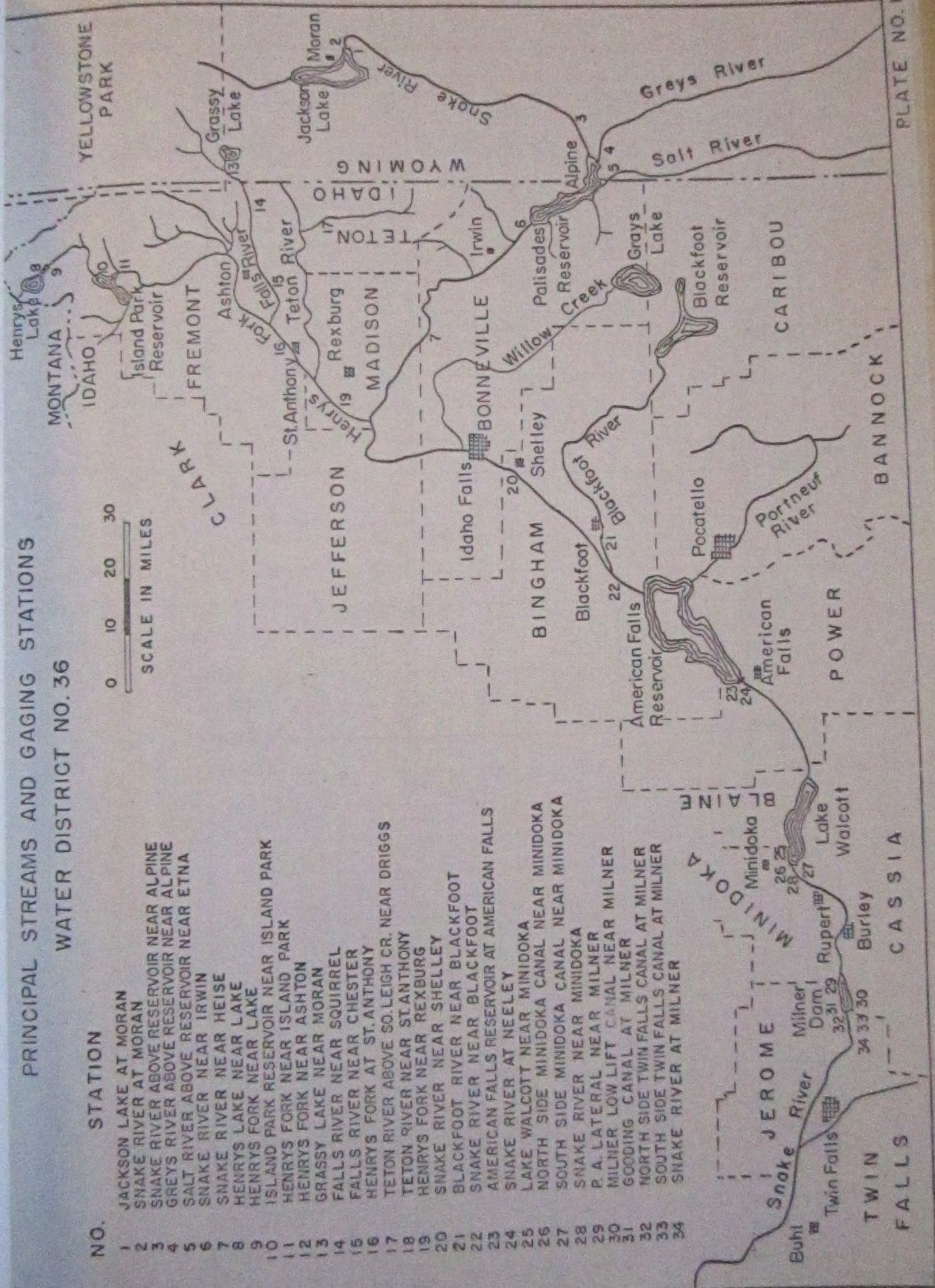
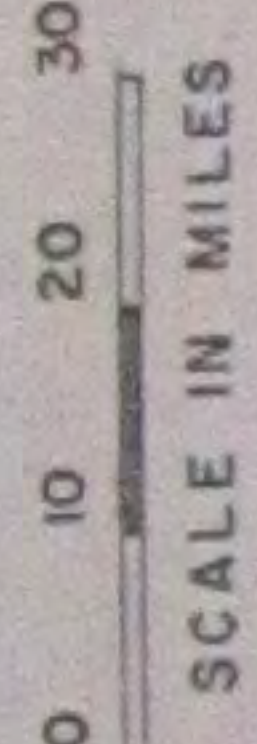
Federal and State accounts (Fiscal year begins July 1)	\$22,479.00
Water District Funds	-4,505.77*
TOTAL	\$17,973.23

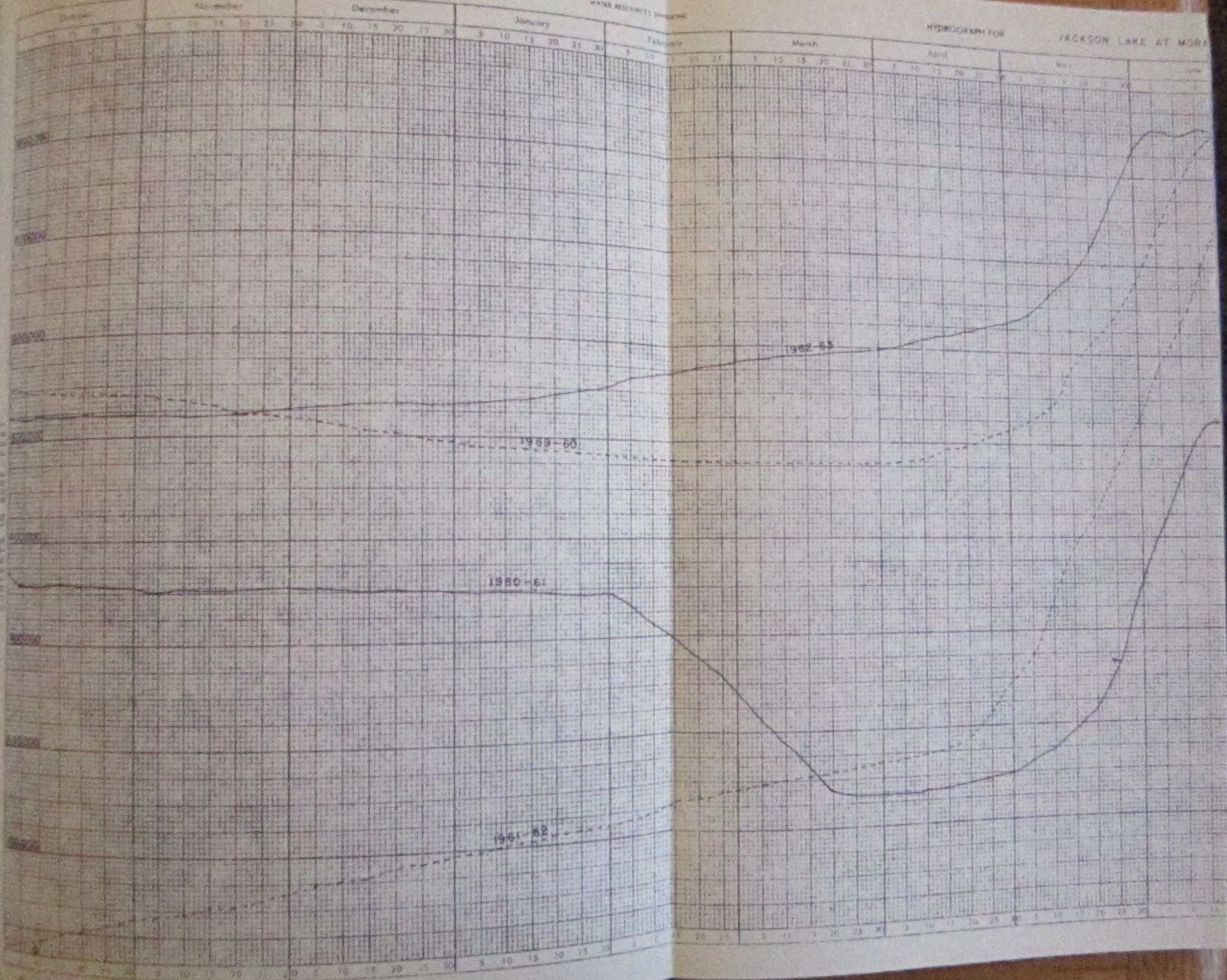
* Waterusers operating funds are collected after October 1 of each year. With operating costs increasing each year and assessments made on past year's costs, there is always a deficit at the end of September. The balance on hand on December 31, 1963, is \$12,429.59.

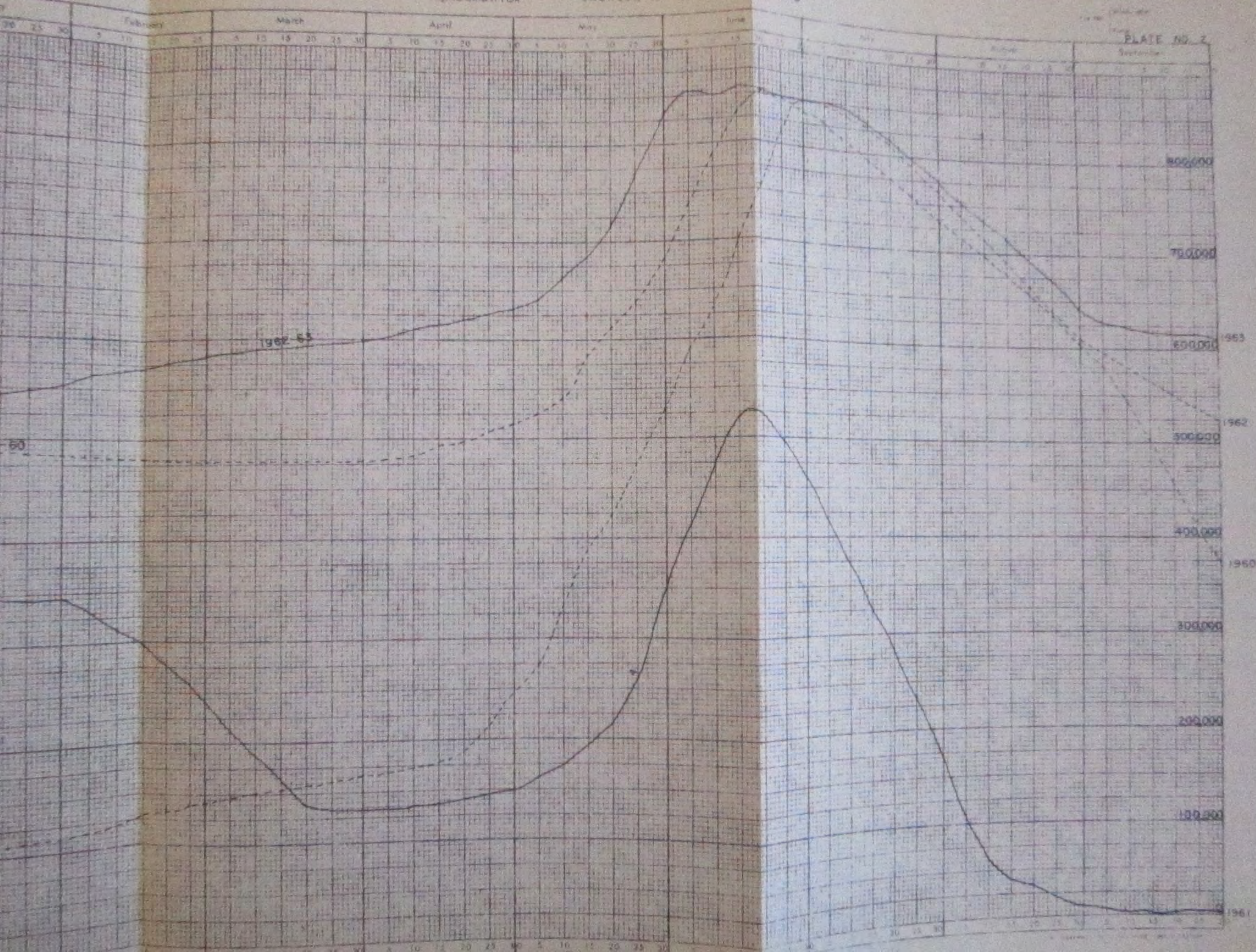
Federal funds provided are for the operation of 65 stream flow gaging stations which are located within and near the boundaries of Water District 36.

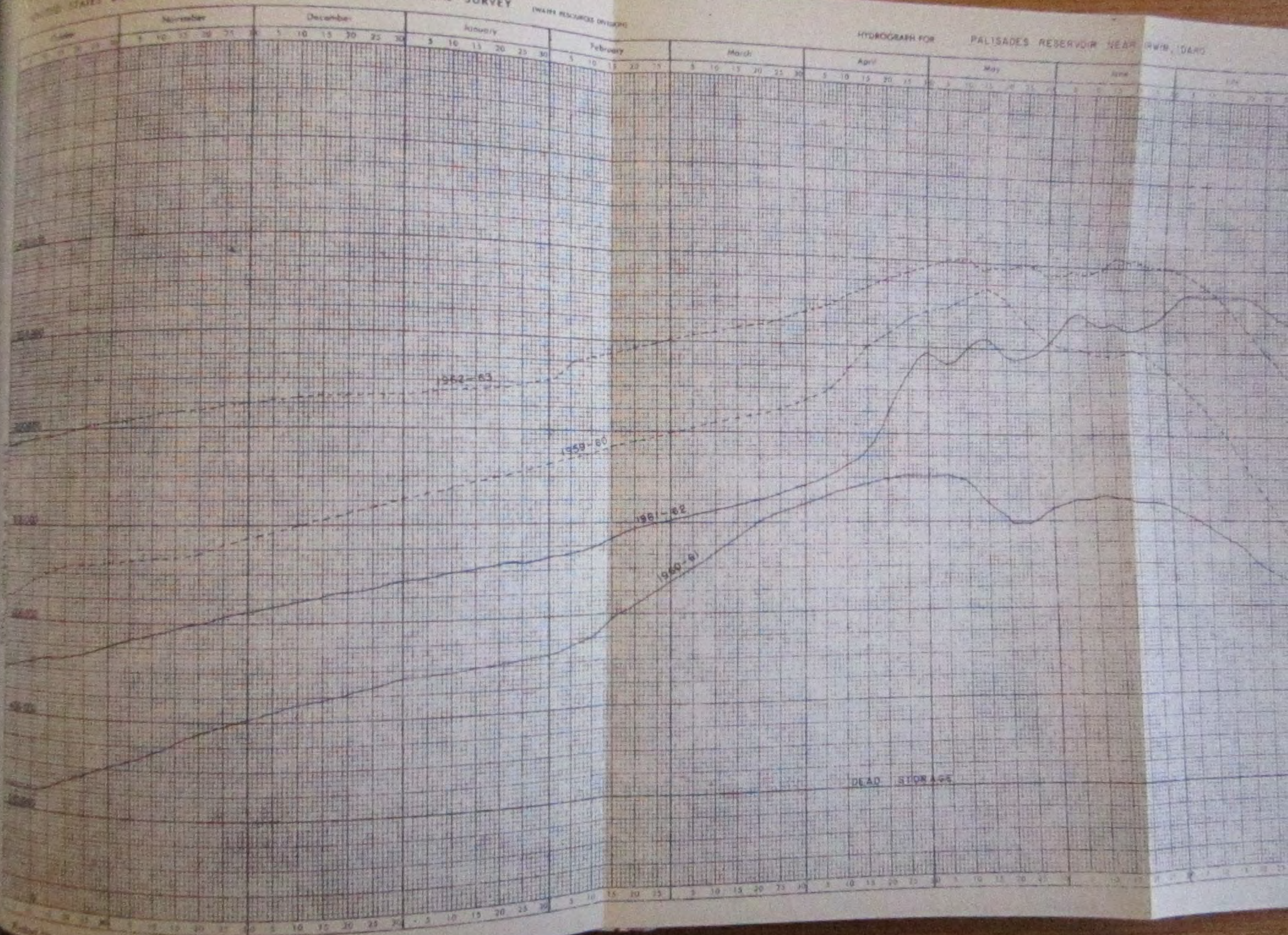
PRINCIPAL STREAMS AND GAGING STATIONS WATER DISTRICT NO. 36

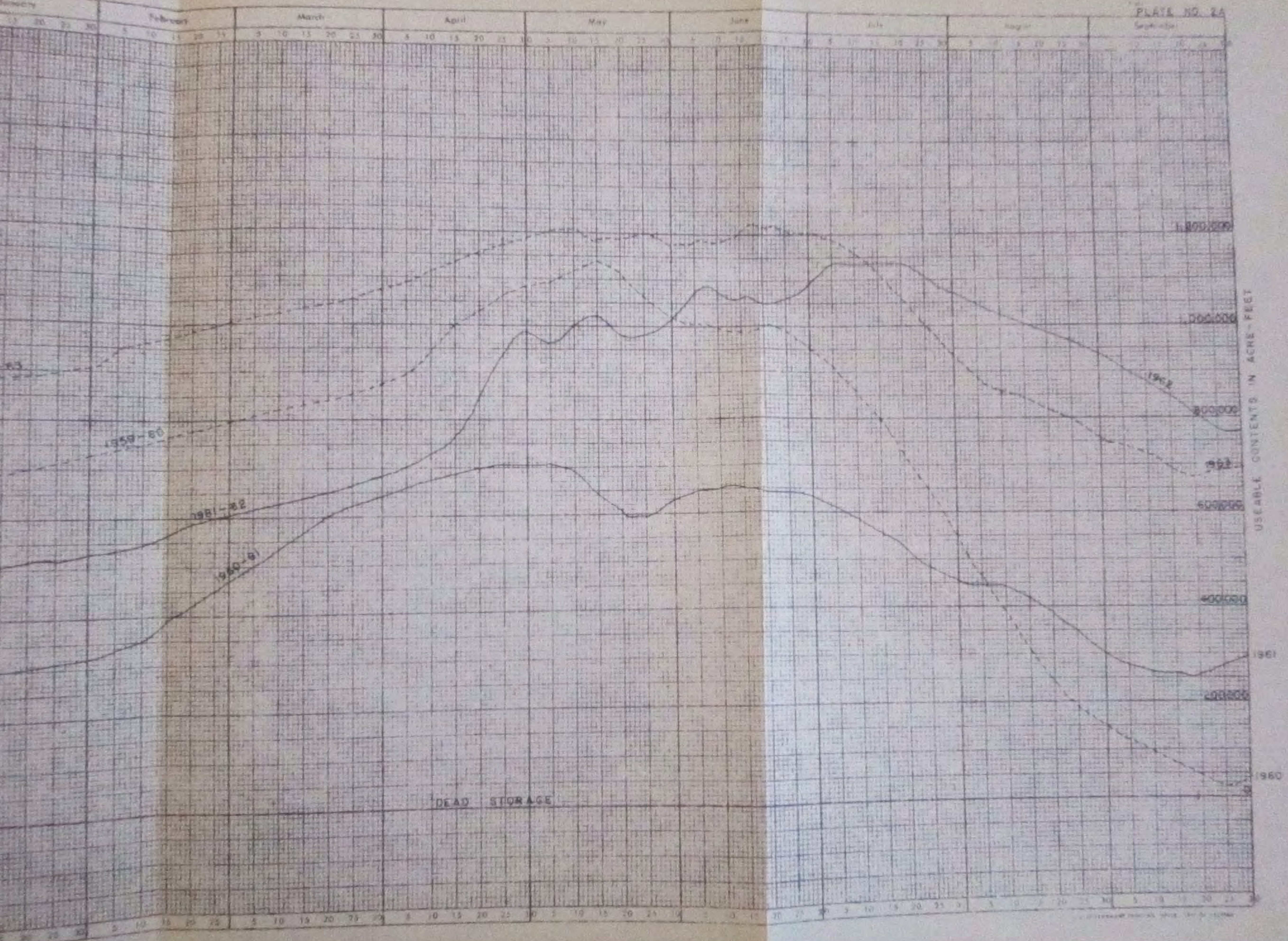
- | NO. | STATION |
|-----|---|
| 1 | JACKSON LAKE AT MORAN |
| 2 | SNAKE RIVER AT MORAN |
| 3 | SNAKE RIVER ABOVE RESERVOIR NEAR ALPINE |
| 4 | GREYS RIVER ABOVE RESERVOIR NEAR ALPINE |
| 5 | SALT RIVER ABOVE RESERVOIR NEAR ETNA |
| 6 | SNAKE RIVER NEAR IRWIN |
| 7 | SNAKE RIVER NEAR HEISE |
| 8 | HENRYS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











7-10-11, Sep 1910

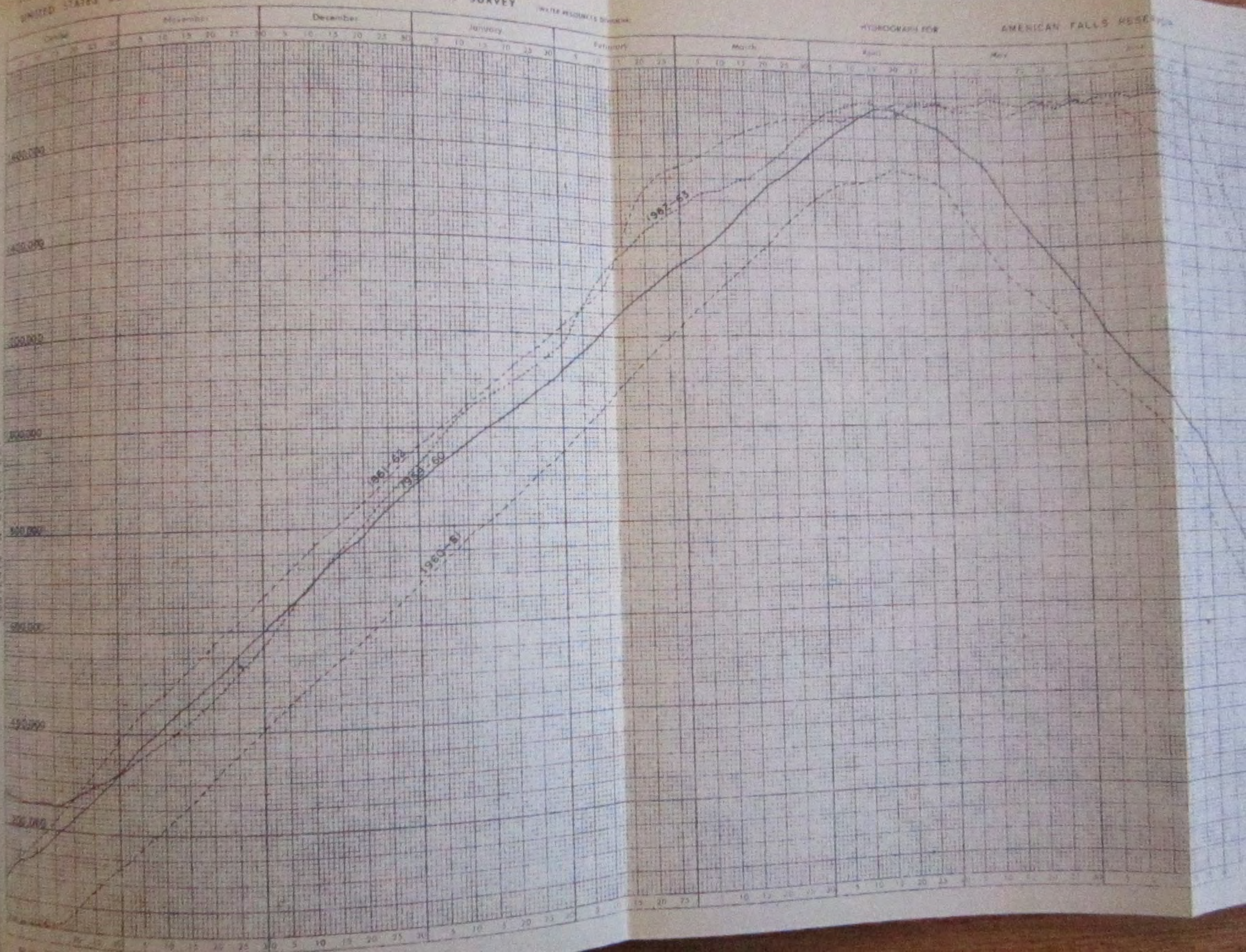
UNITED STATES DEPARTMENT OF THE INTERIOR

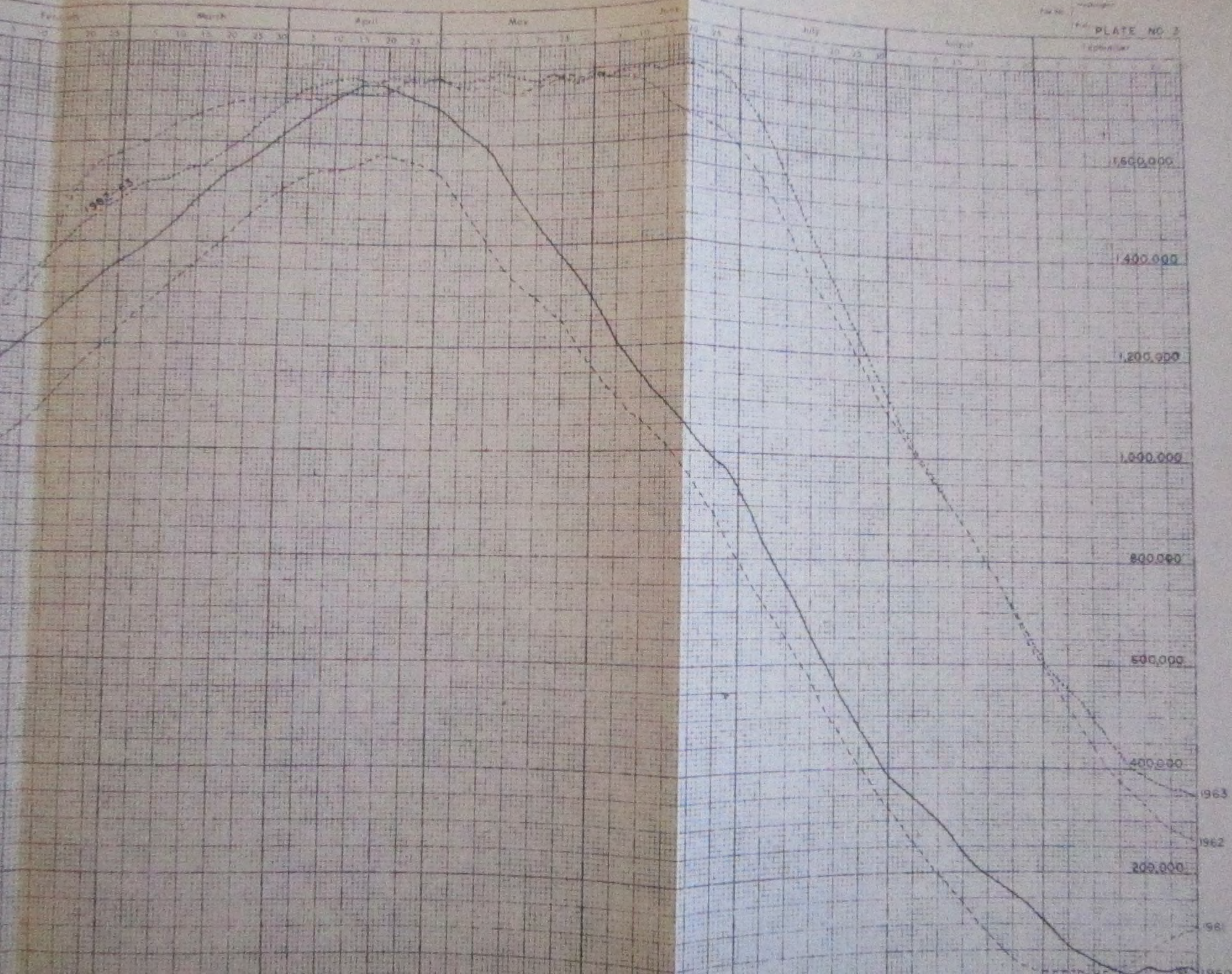
GEOLOGICAL SURVEY

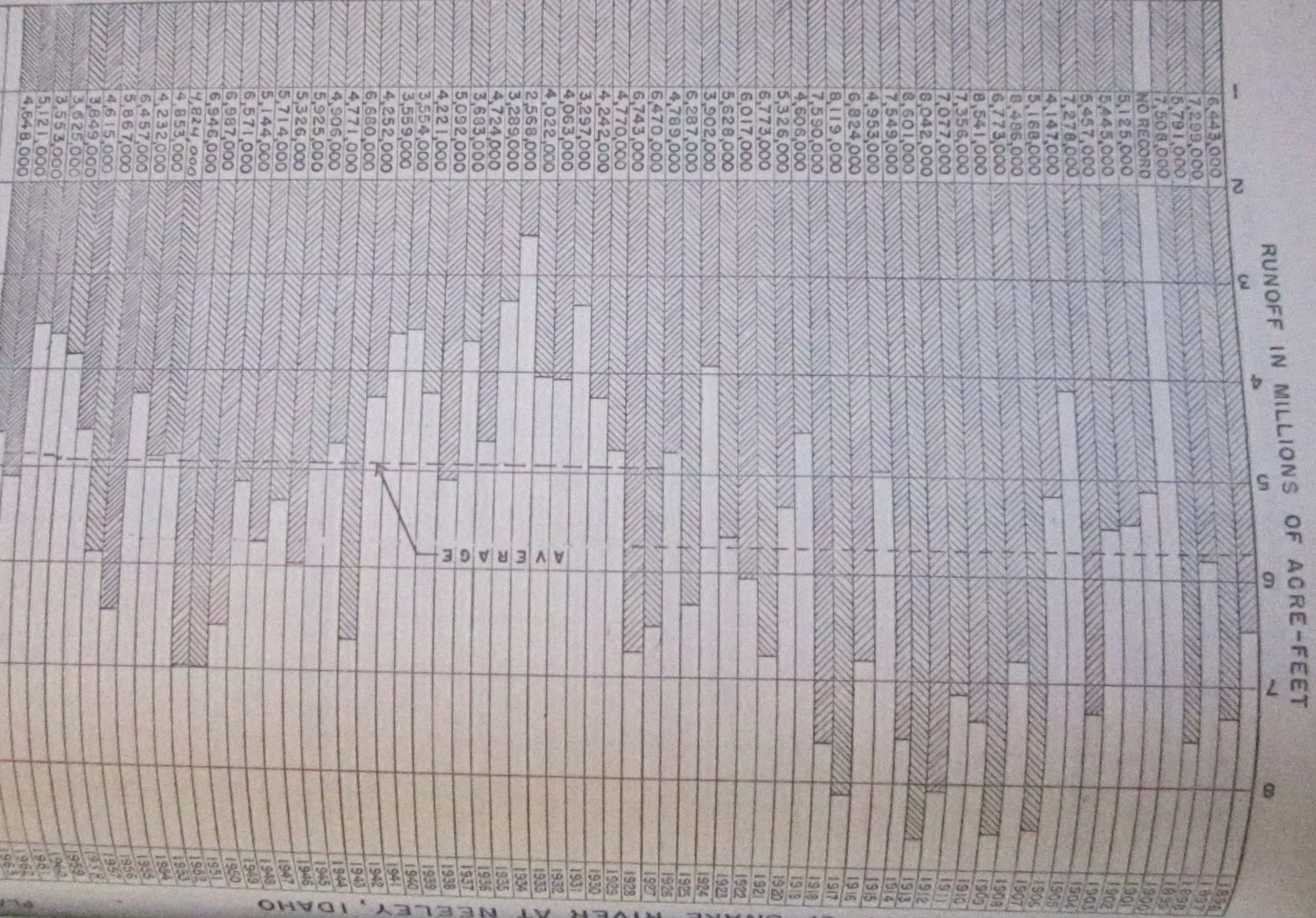
WATER RESOURCES DIVISION

HYDROGRAPH FOR

AMERICAN FALLS RESERVOIR

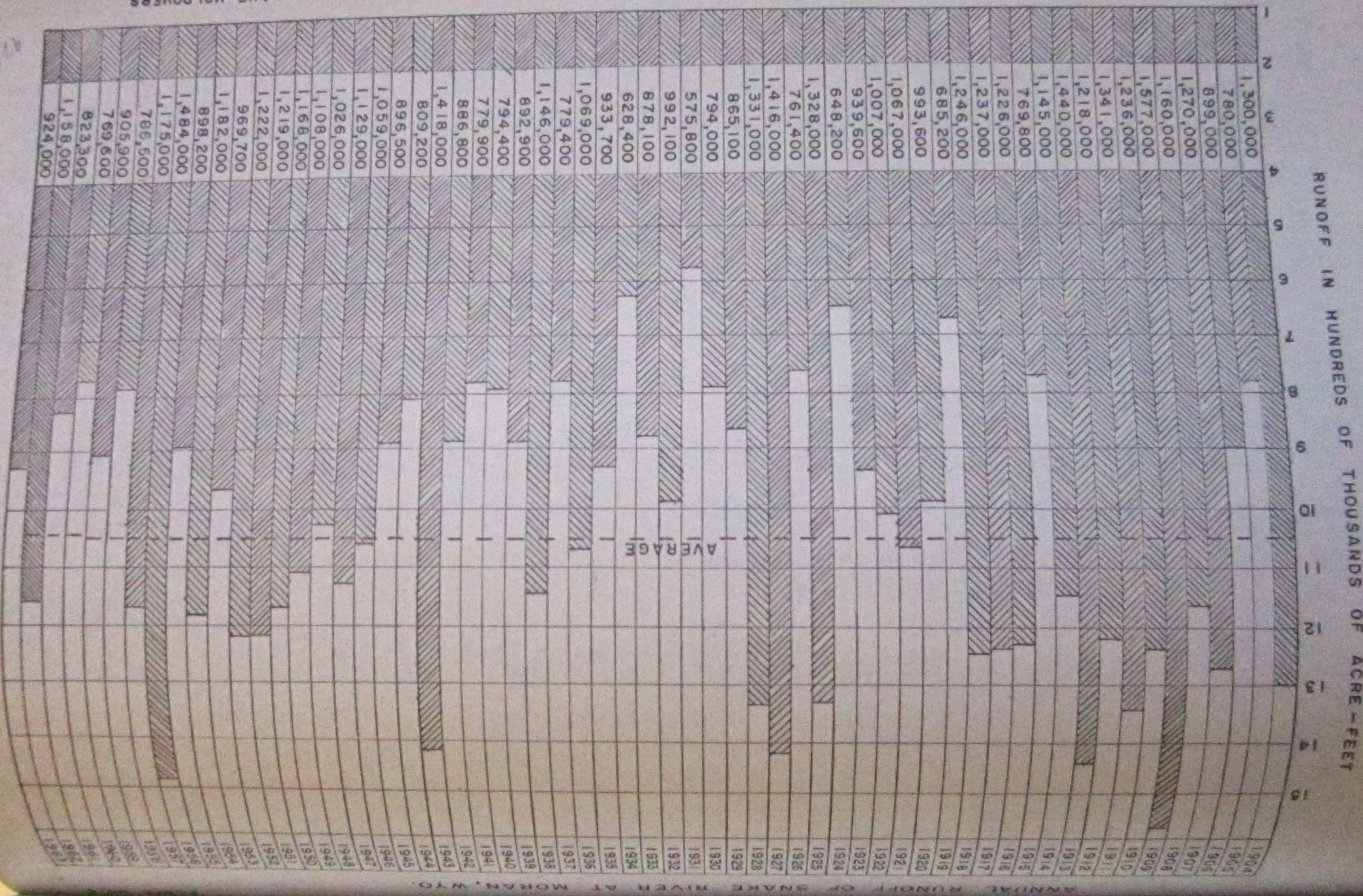






NOTE: RUNOFF TOTALS ARE FOR WATER YEAR ENDING SEPT. 30 AND ARE CORRECTED FOR AMERICAN FALLS HOLDOVERS.
RECORDS AT MONTGOMERY FERRY USED PRIOR TO 1907.

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.

[illegible]

NAME OF CANAL		DATE 1954		DAILY DISCHARGE IN SECOND FEET OF SNAKE RIVER CANAL	
1	ROSS & RAND	30	30	30	30
2	BUTLER ISLAND	30	30	30	30
3	ARNBERGER	10	12	14	16
4	MATSON-CRAIG	10	12	14	16
5	NELSON	10	12	14	16
6	ENTERPRISE	120	119	117	116
7	FARMERS FRIEND	282500	317	288	260
8	ROCK	109122	122	204	204
9	ROCK	277276	287	294	292
10	ROCK	277276	287	294	292
11	ROCK	277276	287	294	292
12	ROCK	277276	287	294	292
13	ROCK	277276	287	294	292
14	ROCK	277276	287	294	292
15	ROCK	277276	287	294	292
16	ROCK	277276	287	294	292
17	ROCK	277276	287	294	292
18	ROCK	277276	287	294	292
19	ROCK	277276	287	294	292
20	ROCK	277276	287	294	292
21	ROCK	277276	287	294	292
22	ROCK	277276	287	294	292
23	ROCK	277276	287	294	292
24	ROCK	277276	287	294	292
25	ROCK	277276	287	294	292
26	ROCK	277276	287	294	292
27	ROCK	277276	287	294	292
28	ROCK	277276	287	294	292
29	ROCK	277276	287	294	292
30	ROCK	277276	287	294	292
31	ROCK	277276	287	294	292
32	ROCK	277276	287	294	292
33	ROCK	277276	287	294	292
34	ROCK	277276	287	294	292
35	ROCK	277276	287	294	292
36	ROCK	277276	287	294	292
37	ROCK	277276	287	294	292
38	ROCK	277276	287	294	292
39	ROCK	277276	287	294	292
40	ROCK	277276	287	294	292
41	ROCK	277276	287	294	292
42	ROCK	277276	287	294	292
43	ROCK	277276	287	294	292
44	ROCK	277276	287	294	292
45	ROCK	277276	287	294	292
46	ROCK	277276	287	294	292
47	ROCK	277276	287	294	292
48	ROCK	277276	287	294	292
49	ROCK	277276	287	294	292
50	ROCK	277276	287	294	292

DAILY DISCHARGE IN SECOND FEET OF SNAKE RIVER CANALS																															JULY 1963																																
NAME OF CANAL																															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	TOTAL																																
ALLEY																															21	22	23	24	25	26	27	28	29	30	31	ANDERSON					382	430	430	465	468	468	478	475	471	468	468	468	468	468	468	468	468
CHENEY																															10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
HARRISON																															505	591	697	682	680	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	
STEEL																															20	18	17	16	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
ROSS & RAND																															1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
BUTLER ISLAND																															66	68	68	57	55	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
ARNBERGER																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MILTON-CRAIG																															26	29	26	34	20	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
NELSON																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENTERPRISE																															249	258	219	220	221	218	229	227	228	226	235	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	
FARMER'S FRIEND																															455	461	464	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	
EAGLE ROCK																															548	661	699	720	711	707	711	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	713	
ANDERSON																															382	430	430	465	468	468	478	475	471	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	
RUDY																															102	89	78	79	77	76	76	77	80	81	80	81	82	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	
KITE & NORD																															10	9	8	10	10	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
BURGESS																															1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	
CLARK & EDWARDS																															102	109	114	91	97	91	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	
LOWDER & JENNINGS																															76	65	54	57	55	56	56	58	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	
EAST LABELLE																															162	147	132	132	129	126	140	130	128	128	130	133	122	121	120	132	130	130	148	149	138	140	138	142	140	138	142	140	138	140	138	140	
SUNNYDELL																															171	219	225	228	229	232	213	211	232	217	210	209	162	139	136	160	216	214	211	210	204	199	181	147	172	170	153	158	152	171	176	176	
LENNHOL																															152	201	202	215	202	200	199	204	200	194	195	191	164	282	246	242	282	232	232	228	198	214	242	245	245	242	233	212	227	194	180	180	
REID																															236	230	263	244	251	251	252	250	239	227	228	245	242	282	246	242	282	232	232	228	198	214	242	245	245	242	233	212	227	194	180	180	
TEXAS FEEDER																															295	286	280	277	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	
NELSON COREY																															8	8	8	0	13	15	14	14	13	0	0	12	12	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
HILL PETTINGER																															219	232	247	201	218	205	193	217	211	205	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	
ISLAND																															198	201	204	212	212	218	206	206	202	205	202	205	202	205	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	
DITTS																															30	28	29	22	24	30	30	34	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	
WEST LABELLE LONG ISLAND																															541	577	545	544	560	590	593	590	583	574	583	574	583	574	583	574	583	574	583	574	583	574	583	574	583	574	583	574	583	574	583		
PARKS & LEWISVILLE																															336	390	426	347	383	407	403	396	401	392	394	422	403	284	401	439	426	420	383	439	347	420	401	356	392	396	407	345	385	407	385	407	
NORTH RIDGE																															67	76	82	61	60	72	66	66	66	66	66	66	66	66	66	66																	

[illegible]

[illegible]

STREAM	M A Y																																							
	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			
SIS JIMMY CREEK	31	31	32	32	32	33	33	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34		
FORTNEUF RIVER INFLOW BELOW POCA TELLO	281	283	284	285	286	288	289	290	292	293	289	285	281	277	273	269	265	261	257	253	249	245	242	238	234	230	226	222	218	214	210	206	202	198	194	204	215			
BIG SPRING CREEK	453	454	456	457	458	459	461	462	463	464	465	465	465	465	465	465	465	465	465	465	465	465	465	464	464	464	464	464	464	464	464	464	464	464	464	465	465	465		
CLEAR CREEK	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130		
FORD CREEK	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
KINNEY CREEK	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
WIDE CREEK	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54		
RYLE SPRINGS	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
MC TUCKER SPRINGS	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25		
HULL SPRINGS	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
TANNER SPRINGS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
FORTNEUF RIVER AT POCA TELLO	488	488	488	488	484	484	488	500	513	546	564	577	582	538	492	513	513	500	476	452	412	373	366	412	400	376	359	300	251	257	251	380	269	245	292	317	33			
CRYSTAL DITCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CRYSTAL WASTE	40	40	40	40	40	41	41	41	41	41	41	41	41	40	40	40	39	39	38	38	38	37	37	36	36	35	35	34	34	33	33	34	34	34	35	36				
DANIELSEN SPRINGS	48	49	49	49	49	49	50	50	50	50	50	50	49	49	48	48	47	47	46	46	46	45	45	45	44	44	43	43	42	42	42	43	44	46	47	48	4			
ARTESIAN SPRINGS	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			
STERLING WASTE	11	11	11	12	12	12	12	12	12	12	11	11	10	10	9	9	8	8	7	7	7	6	6	5	5	4	4	3	3	2	2	3	4	5	6	7				
COLBURN WASTE	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			
ABERDEEN WASTE	30	65	75	76	75	75	65	60	60	61	50	70	70	65	60	60	55	40	45	45	30	20	20	12	5	10	20	20	15	20	18	19	6	15	15	85				
TARTAR WASTE	45	32	34	34	34	33	31	32	32	33	37	37	33	31	30	30	30	15	15	15	15	15	15	12	12	12	12	12	12	25	10	10	15	20	15	36				
SCHULTZ WASTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
CEDAR WASTE	35	20	15	25	30	25	20	15	6	6	20	15	5	5	0	0	0	20	40	30	10	20	30	25	15	20	20	40	50	25	27	25	22	35	40	45				
ROSS FORK	74	76	79	81	84	86	88	91	93	96	98	96	94	91	89	87	85	82	80	78	75	73	70	67	65	62	60	58	55	53	51	49	46	44	42	43				
TRIPLE CREEK	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
BARNOCK CREEK	26	25	24	23	22	22	21	20	19	18	18	18	17	17	16	16	16	15	15	14	14	14	13	13	12	12	12	11	11	10	10	9	9	9	10					
RUEGAR SPRINGS	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	25	25	25	25	25	25	25	25	25	25	25	25	25	25			
TOTAL MEASURED	1853	1865	1878	1892	1897	1898	1890	1897	1906	1945	1968	1990	1973	1913	1848	1862	1848	1818	1809	1769	1688	1640	1637	1654	1618	1594	1580	1533	1480	1471	1443	1568	1440	1439	1483	1600				
UNMEASURED INFLOW	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310				
TOTAL INFLOW BLACKFOOT TO NEELEY	3173	3185	3198	3212	3217	3218	3210	3217	3226	3265	3288	3310	3293	3233	3168	3182	3168	3138	3129	3089	2998	2950	2947	2964	2928	2904	2890	2843	2790	2781	2753	2878	2750	2748	2793	2910				
95 867																																								

BLACKFOOT AND NEELEY STATIONS
24-HOUR SECOND- FEET

20

80,929

FOOT AND NEELEY STATIONS
R SECOND- FEET

JULY

80,929

AUGUST

79,245

[illegible]

79,245

80,136

PLATE NO. 11

AUGUST

13	14	15	16	17	18	19	20
26	26	26	26	25	25	25	25
289	290	290	291	291	291	292	292
446	446	446	445	445	444	443	443
128	128	128	128	128	129	129	129
5	5	5	5	5	5	5	5
28	28	28	28	28	28	27	27
55	55	55	55	55	54	54	54
6	6	6	6	6	6	6	6
24	24	24	24	24	24	24	24
7	7	7	7	7	7	7	7
0	0	0	0	0	0	0	0
42	41	41	38	35	37	42	42
0	0	0	0	0	0	0	0
33	32	32	32	32	32	32	32
63	64	65	65	65	64	64	64
2	2	2	2	2	2	2	2
18	19	20	20	20	19	19	19
1	1	1	1	1	1	2	2
35	45	33	30	15	6	15	15
19	21	23	25	25	30	30	30
2	2	2	2	2	2	2	2
0	0	0	0	0	6	12	12
59	60	60	60	60	60	60	60
3	3	3	3	3	3	3	3
2	2	2	2	2	2	2	2
23	23	23	23	23	23	24	24
316	1330	1322	1318	1299	1300	1321	1321
260	1260	1260	1260	1260	1260	1270	1270
576	2590	2582	2578	2559	2560	2591	2591

19	20	21	22	23	24	25	26	27	28	29	30
28	28	28	29	29	29	29	29	29	29	29	29
298	298	298	298	299	299	299	299	299	299	299	299
457	459	461	463	465	467	470	472	474	476	476	476
133	133	134	134	134	134	135	135	135	135	135	135
7	7	7	7	7	7	7	7	7	7	7	7
26	26	26	26	26	26	26	26	26	26	26	26
57	57	57	56	56	56	56	56	56	56	56	56
6	6	6	6	6	6	6	6	6	6	6	6
26	26	26	26	26	26	26	26	26	26	26	26
7	7	7	7	7	7	7	7	7	7	7	7
0	0	0	0	0	0	0	0	0	0	0	0
118	122	118	112	114	118	129	120	124	129	124	109
0	0	0	0	0	0	0	0	0	0	0	0
34	34	34	33	33	33	32	32	32	32	32	32
55	56	56	56	56	56	56	56	56	56	56	56
3	2	2	2	2	2	2	2	2	2	2	2
18	18	18	17	17	17	16	16	16	16	16	16
1	1	1	1	1	1	1	1	1	1	1	1
23	17	32	40	29	33	30	29	31	34	34	34
13	13	13	16	16	16	14	14	15	14	14	14
2	1	1	1	1	1	1	1	1	1	1	1
6	0	12	42	40	45	40	45	47	39	39	29
70	71	72	73	74	75	76	77	78	79	79	79
3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3
21	21	21	21	20	20	20	20	20	20	20	20
1415	1409	1436	1472	1464	1480	1484	1482	1494	1496	1491	1466
1290	1290	1290	1290	1290	1290	1290	1290	1300	1300	1300	1300
2705	2699	2726	2762	2754	2770	2774	2772	2794	2796	2791	2766

79,245

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 INFLOW HEISE TO FORK	HEISE TO SHELLE	
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		STORED LOSS	STORED DIVERSIONS
JUNE 26	850,300	0		3520		JUNE 27			11100	1,402			13800					14818			
27	850,050	0		3520		28			11100	1,404			13300					13919			
28	850,050	0		3580		29			11100	1,405			13300					13926			
29	850,050	0		3560		30			10000	1,405			13200					13826			
30	848,510	0		2950		JULY 1			8460	1,403	0	12700	12700	0		0	13627	13627		0	
JULY 1	848,000	0		2340		2			8240	1,400	1020	11280	12300	8		1012	11914	12926		99	
2	848,000	0		2350		3			8880	1,396	1520	11580	13100	12		1508	12020	13529		74	22
3	849,790	0	2350	2350	0	4	0	8910	8910	1,393	2020	11280	13300	16		2004	11916	13920	120	98	27
4	850,050	280	2610	2350	4	5	254	8994	8740	1,389	2270	11130	13400	18	2	2250	11775	14025	35	110	27
5	850,560	0	2520	2520	0	6	0	8580	8580	1,383	2520	11080	13600	20	2	2498	11527	14025	8	122	28
6	850,560	320	2310	2630	5	7	315	7925	8240	1,378	2840	10760	13600	23	2	2815	11411	14226	98	137	28
7	849,530	450	2180	2630	8	8	442	7778	8220	1,371	3460	10340	13800	28	5	3427	10899	14326	348	187	29
8	848,250	460	2150	2610	8	9	452	7768	8220	1,365	3980	10020	14000	32	5	3943	10584	14527	198	192	29
9	847,740	670	2160	2830	11	10	659	7581	8240	1,357	4190	9810	14000	33	5	4152	10475	14827	375	203	30
10	846,210	900	2170	3070	15	11	885	7305	8190	1,350	4920	9180	14100	39	10	4871	9756	14627	34	238	30
11	844,420	1280	1770	3050	22	12	1258	6442	7700	1,341	5280	8710	14000	42	15	5233	9285	14528	42	252	30
12	841,890	1410	1610	3020	24	13	1386	5944	7330	1,333	5920	7980	13900	47	20	5853	8474	14327	138	286	30
13	839,080	1540	1470	3010	26	14	1514	5608	7120	1,324	6260	7640	13900	50	20	6190	8138	14328	12	302	30
14	836,030	1540	1440	2980	26	15	1514	5476	6990	1,313	6260	7440	13700	50	20	6190	8037	14227	143	302	30
15	832,720	1560	1400	2960	27	16	1533	5217	6750	1,304	6570	6930	13500	53	20	6497	7530	14027	186	317	30
16	828,570	1520	1420	2940	26	17	1494	5026	6520	1,294	6530	6870	13400	52	20	6458	7369	13827	5	315	30
17	826,810	1560	1340	2900	27	18	1533	4837	6370	1,284	6570	6830	13400	53	25	6492	7335	13827	223	317	30
18	823,310	1660	1240	2900	28	19	1632	4608	6240	1,273	7170	6230	13400	57	25	7088	6839	13927	197	348	30
19	820,010	1780	1110	2890	30	20	1750	4320	6070	1,262	7290	6110	13400	58	25	7207	6720	13927	138	352	30
20	816,720	1780	1080	2860	30	21	1750	4150	5900	1,250	7490	5910	13400	60	25	7405	6622	14027	11	361	30
21	813,190	1790	1050	2840	30	22	1760	4040	5800	1,238	7620	5680	13300	61	20	7539	6488	14027	50	368	30
22	809,400	1790	1040	2830	30	23	1760	4070	5830	1,227	7500	5700	13200	60	20	7420	6507	13927	3	362	30
23	805,860	1790	1040	2830	30	24	1760	4090	5850	1,215	7730	5370	13100	62	20	7648	6179	13827	28	373	30
24	802,330	1850	970	2820	32	25	1818	3912	5730	1,204	7880	5220	13100	63	20	7797	5930	13727	14	380	30
25	798,790	1850	950	2800	32	26	1818	3792	5610	1,192	7880	4920	12800	63	20	7797	5830	13627	91	380	30
26	795,010	1930	800	2780	34	27	1946	3594	5540	1,180	7960	4740	12700	64	20	7876	5651	13527	132	384	30
27	791,250	1980	780	2760	34	28	1946	3454	5400	1,168	7490	4910	12400	60	20	7410	5916	13326	247	362	30
28	787,240	1980	770	2750	34	29	1946	3344	5290	1,157	7490	4410	11900	60	20	7410	5515	12925	162	362	30
29	783,220	1900	780	2690	32	30	1868	3222	5090	1,147	7410	4290	11700	59	20	7331	5194	12525	105	368	30
30	779,480	1950	800	2750	33	31	1817	3153	5070	1,136	7360	4440	11800	59	20	7281	5243	12524	82	355	30
31	775,700	2050	770	2820	35	AUG. 1	2015	3035	5050	1,125	7080	4440	11500	57	20	6983	5342	12325	256	341	30
AUG 1	771,180	2080	730	2780	35	2	2015	2945	4960	1,115	7080	4140	11200	57	20	6983	5141	12124	529	341	30
2	767,200	2010	780	2770	34	3	1976	2924	4900	1,104	7020	3780	10800	56	20	6944	4782	11726	514	339	30
3	763,220	2010	750	2760	34	4	1976	2864	4840	1,096	6510	3990	10500	52	20	6438	5188	11626	506	314	30
4	759,480	2010	740	2750	34	5	1976	2804	4780	1,087	6010	3810	9820	48	20	5942	5080	11022	457	290	30
5	755,250	2010	730	2740	34	6	1976	2744	4720	1,080	5810	3690	9500	46	20	5744	4676	10420	419	280	30
6	751,260	2010	740	2750	34	7	1976	2854	4830	1,073	5710	3630	9340	46	20	5644	4575	10219	229	275	30
7	747,280	1870	880	2750	32	8	1838	3012	4850	1,067	4960	3970	8930	40	20	4900	5048	9946	187	239	30
8	743,390	1870	870	2740	32	9	1838	3012	4850	1,062	4360	4150	8510	35	20	4305	5069	9374	3	210	30
9	739,860	2080	740	2800	35	10	2025	2915	4940	1,059	4040	4120	8180	32	20	3988	4728	8716	191	195	30
10	736,150	2080	740	2820	35	11	2045	2785	4830	1,056	3560	4260	7820	29	20	3511	4787	8298	9	171	30
11	732,440	2100	680	2780	36	12	2064	2676	4740	1,053	3570	4250	7820	29	20	3521	4622	8143	97	172	30
JULY 12	181,160				1040		60,120				236,080			(1,889)	(686)	(233,505)			(1,4070)	(11,394)	

GAGING

GAGING

1963

STATION		DATE		AMERICAN FALLS RESERVOIR THOUSANDS OF ACRE-Feet		SNAKE RIVER AT NEELEY		LAKE WALCOTT CONTENTS ACRE-Feet		MINIDOKA CANALS			SNAKE RIVER NEAR MINIDOKA			DATE		MINIDOKA NORTH SIDE PUMP STORED		MINOR DIVERSIONS TO MILNER STORED		GOODINGS	
STATION	DATE	STATION	DATE	STATION	DATE	STATION	DATE	STATION	DATE	STATION	DATE	STATION	DATE	STATION	DATE	STATION	DATE	STATION	DATE	STATION	DATE	STATION	DATE
76	JULY 1	1,708	4207	7393	11600	95,910	1860	1270	2930	1204	1726	3723	5667	9390	JULY	10.32	163	2	1450				
92	2	1,700	4299	6901	11200	95,910	1780	1330	3110	1364	1726	3115	5175	8290		10.40	163	2	1450				
99	3	1,689	5660	6340	12000	94,840	1780	1320	3100	1374	1726	4198	4614	8810		10.43	181	2	1450				
99	4	1,676	7480	5320	12800	94,720	1790	1310	3100	1374	1726	5978	3594	9570		10.54	200	2	1450				
99	5	1,662	9737	3983	13700	94,720	1800	1330	3130	2567	563	6430	3400	9830		10.72	209	2	1530				
99	6	1,644	10555	3245	13800	95,550	1800	1370	3170	3170	0	6855	3245	10100		10.94	241	2	1500				
99	7	1,624	8949	4351	13300	96,510	1800	1400	3200	2249	951	6339	3400	9730		10.99	250	2	1620				
107	8	1,604	8679	4321	13000	96,150	1790	1430	3220	2299	921	6370	3400	9770		10.99	250	2	1620				
110	9	1,582	9031	4169	13200	94,490	1790	1430	3220	2451	769	6700	3400	10100		10.92	250	2	1600				
115	10	1,563	9595	3805	13400	94,020	1790	1420	3210	2805	405	6900	3400	10300		10.92	250	2	1600				
117	11	1,543	10117	3583	13700	92,160	1800	1390	3190	3007	183	7100	3400	10500		11.12	250	2	1550				
118	12	1,522	10899	2901	13800	93,200	1800	1380	3180	3180	0	7299	2901	10200		11.03	250	4	1580				
118	13	1,501	10903	2897	13800	94,720	1800	1380	3180	3180	0	6963	2897	9860		10.96	250	4	1580				
118	14	1,479	10962	2838	13800	95,790	1800	1380	3180	3180	0	7052	2838	9890		10.88	250	4	1670				
118	15	1,459	10984	2816	13800	96,510	1800	1370	3170	3170	0	7284	2816	10100		10.93	250	4	1670				
118	16	1,439	10904	2796	13700	95,430	1800	1360	3160	3160	0	7604	2796	10400		11.08	250	4	1680				
118	17	1,418	10824	2776	13600	95,910	1800	1370	3170	3170	0	7724	2776	10500		11.14	250	4	1690				
117	18	1,398	10839	2761	13600	95,790	1800	1370	3170	3170	0	7439	2761	10200		11.08	250	4	1680				
116	19	1,378	10768	2732	13500	95,550	1800	1380	3180	3180	0	7468	2732	10200		11.13	250	4	1690				
116	20	1,357	10768	2732	13500	96,630	1800	1390	3190	3190	0	7368	2732	10100		11.10	250	4	1680				
116	21	1,338	10665	2735	13400	96,630	1790	1380	3170	3170	0	7365	2735	10100		11.03	250	3	1670				
116	22	1,317	10682	2718	13400	96,870	1800	1390	3190	3190	0	7272	2718	9990		10.97	250	3	1660				
116	23	1,297	10574	2726	13300	96,630	1790	1390	3180	3180	0	7374	2726	10100		11.00	250	3	1660				
116	24	1,276	10479	2721	13200	96,390	1790	1180	2970	2970	0	7479	2721	10200		11.22	250	3	1680				
116	25	1,256	10481	2719	13200	95,670	1790	1300	3090	3090	0	7381	2719	10100		10.92	250	3	1650				
116	26	1,235	10681	2719	13400	94,950	1780	1300	3080	3080	0	7461	2719	10200		10.96	250	3	1680				
116	27	1,214	10767	2733	13500	94,490	1760	1310	3070	3070	0	7667	2733	10300		11.08	250	3	1680				
116	28	1,195	10670	2730	13400	94,950	1850	1310	2960	2960	0	7470	2730	10200		11.25	250	3	1690				
115	29	1,175	10666	2734	13400	94,950	1600	1310	2910	2910	0	7266	2734	10000		11.16	250	3	1660				
115	30	1,155	10461	2739	13200	94,950	1590	1310	2900	2900	0	7151	2739	9890		11.18	250	3	1640				
110	31	1,135	10255	2745	13000	94,950	1590	1310	2900	2900	0	6825	2745	9570		11.07	240	3	1630				
108	1	1,116	10269	2731	13000	95,180	1560	1310	2870	2870	0	6939	2731	9670	AUG	10.98	240	2	1640				
108	2	1,097	10179	2721	12900	94,140	1470	1300	2770	2770	0	7049	2721	9770		11.18	236	2	1660				
108	3	1,076	10063	2737	12800	94,720	1420	1290	2710	2710	0	6933	2737	9670		11.20	225	2	1600				
101	4	1,058	9865	2735	12400	95,180	1360	1280	2640	2640	0	6625	2735	9360		11.30	215	2	1570				
95	5	1,041	9218	2782	12000	96,390	1270	1290	2560	2560	0	6358	2782	9140		11.30	196	2	1560				
95	6	1,023	8571	3029	11600	96,630	1160	1270	2430	2430	0	5671	3029	8700		11.02	167	2	1560				
95	7	1,008	8149	3051	11200	97,350	1180	1220	2400	2400	0	5359	3051	8410		10.79	159	2	1570				
88	8	993	7840	3060	10900	96,270	1290	1160	2450	2450	0	5960	3060	9020		10.81	153	2	1580				
77	9	979	8055	2945	11000	94,840	1330	1130	2460	2460	0	6075	2945	9020		10.78	153	2	1530				
72	10	964	8376	2924	11300	93,790	1350	1120	2470	2470	0	6396	2924	9320		10.82	160	2	1510				
72	11	948	8582	2918	11500	92,620	1340	1120	2460	2460	0	6442	2918	9360		11.15	151	2	1510				
72	12	932	8664	2936	11600	92,620	1240	1120	2380	2380	0	6114	2936	9050		11.20	134	2	1510				
72	13	916	8589	3011	11600	93,090	1210	1130	2340	2340	0	5769	3011	8780		11.15	134	2	1490				
72	14	899	8520	2980	11500	94,250	1220	1140	2360	2360	0	5540	2980	8520		11.04	128	2	1500				
72	15	884	8472	2928	11400	94,840	1260	1160	2420	2420	0	5682	2928	8610		10.89	128	2	1500				
72	16	870	8738	2862	11600	94,950	1350	1180	2530	2530	0	5978	2862	8840		10.94	132	(123)	(75,680)				
72	17	854	8444	2862	11600	94,950	1350	1180	2530	2530	0	5978	2862	8840		10.94	132	(123)	(75,680)				

DATE NO. 12

E	MILNER LAKE SAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY				TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SHAKE RIVER AT MILNER				
				STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
1	10.82	163	2	1450	0	1450	59	830	2680	3569	902	2667	600	3000	3600	165	0	165	149	0	149
2	10.80	161	2	1450	0	1450	61	810	2780	3651	1476	2175	700	3000	3700	194	0	194	109	0	109
3	10.49	200	2	1530	0	1530	67	810	2820	3697	2083	1614	780	3000	3780	218	0	218	107	0	107
4	10.54	209	2	1600	0	1600	65	820	2880	3745	3151	594	850	3000	3850	222	0	222	105	0	105
5	10.72	241	2	1620	0	1620	64	880	2920	3835	3435	400	830	3000	3830	239	0	239	105	0	105
6	10.98	250	2	1620	0	1620	65	840	3060	3965	3612	382	917	2863	3780	239	0	239	110	0	110
7	10.90	250	2	1600	0	1600	65	850	3060	3975	3565	400	810	3000	3810	245	0	245	109	0	109
8	10.82	250	2	1620	0	1620	68	970	3040	4078	3575	400	880	3000	3880	247	0	247	108	0	108
9	10.98	250	2	1650	0	1650	68	960	3060	4088	3678	400	900	3000	3900	247	0	247	185	0	185
10	11.12	250	4	1680	0	1680	68	970	3090	4128	3688	400	890	3000	3890	260	0	260	251	0	251
11	11.03	250	4	1680	0	1680	68	970	3040	4078	3728	400	890	3000	3890	265	0	265	258	0	258
12	10.98	250	4	1670	0	1670	68	970	3040	4078	3736	342	1321	2559	3880	265	0	265	253	0	253
13	10.88	250	4	1670	0	1670	68	960	3040	4068	3738	340	1313	2557	3870	265	0	265	251	0	251
14	10.93	250	4	1670	0	1670	68	960	3060	4088	3734	334	1376	2504	3880	264	0	264	251	0	251
15	11.08	250	4	1690	0	1690	70	960	3100	4130	3758	330	1394	2486	3880	264	0	264	251	0	251
16	11.14	250	4	1690	0	1690	71	960	3000	4031	3802	328	1452	2468	3920	264	0	264	261	0	261
17	11.08	250	4	1680	0	1680	72	950	3020	4042	3705	326	1480	2450	3930	270	0	270	266	0	266
18	11.13	250	4	1690	0	1690	72	960	3060	4092	3718	324	1483	2437	3920	272	0	272	264	0	264
19	11.10	250	4	1680	0	1680	72	940	3060	4072	3771	321	1509	2411	3920	272	0	272	264	0	264
20	11.03	250	3	1670	0	1670	72	940	3060	4072	3751	321	1509	2411	3920	275	0	275	264	0	264
21	10.97	250	3	1660	0	1660	72	930	3070	4072	3750	322	1507	2413	3920	276	0	276	258	0	258
22	11.00	250	3	1660	0	1660	72	930	3090	4092	3752	320	1522	2398	3920	277	0	277	253	0	253
23	11.22	250	3	1680	0	1680	72	950	3110	4132	3771	321	1525	2405	3930	280	0	280	256	0	256
24	10.92	250	3	1650	0	1650	72	920	3060	4052	3812	320	1509	2401	3910	280	0	280	264	0	264
25	10.96	250	3	1660	0	1660	72	920	3090	4082	3732	320	1511	2399	3910	280	0	280	256	0	256
26	11.08	250	3	1680	0	1680	72	920	3090	4082	3762	320	1501	2399	3900	271	0	271	253	0	253
27	11.25	250	3	1690	0	1690	72	950	3100	4122	3800	322	1489	2411	3900	261	0	261	258	0	258
28	11.15	250	3	1680	0	1680	72	960	3060	4092	3770	322	1442	2408	3850	258	0	258	269	0	269
29	11.18	250	3	1680	0	1680	72	950	3040	4082	3740	322	1418	2412	3830	258	0	258	269	0	269
30	11.07	240	3	1630	0	1630	70	940	3020	4030	3708	322	1413	2417	3830	258	0	258	264	0	264
31	10.98	240	2	1640	0	1640	70	920	3020	4010	3687	323	1408	2422	3830	258	0	258	256	0	256
32	11.16	236	2	1660	0	1660	70	900	2990	3990	3648	322	1401	2409	3810	251	0	251	256	0	256
33	11.20	225	2	1600	0	1600	70	930	2990	3990	3670	320	1399	2401	3800	242	0	242	284	0	284
34	11.30	215	2	1570	0	1570	64	920	2980	3970	3648	322	1335	2415	3750	242	0	242	298	0	298
35	11.30	196	2	1570	0	1570	60	900	2900	3864	3542	322	1257	2413	3670	242	0	242	477	0	477
36	11.02	167	2	1560	0	1560	60	900	2880	3820	3501	329	1197	2453	3650	231	0	231	296	0	296
37	10.79	159	2	1560	0	1560	58	910	2860	3830	3463	357	968	2672	3640	215	0	215	261	0	261
38	10.81	153	2	1570	0	1570	58	900	2860	3818	3459	359	918	2692	3610	215	0	215	256	0	256
39	10.78	153	2	1580	0	1580	58	900	2860	3818	3458	360	930	2700	3630	215	0	215	256	0	256
40	10.82	160	2	1530	0	1530	62	890	2840	3792	3445	347	1022	2598	3620	210	0	210	253	0	253
41	11.15	151	2	1510	0	1510	62	890	2840	3792	3448	344	930	2580	3510	196	0	196	266	0	266
42	11.20	134	2	1510	0	1510	59	910	2780	3749	3406	343	865	2575	3440	190	0	190	282	0	282
43	11.13	128	2	1510	0	1510	59	920	2720	3699	3353	346	840	2590	3430	185	0	185	279	0	279
44	11.04	128	2	1490	0	1490	54	930	2700	3684	3329	355	784	2656	3440	167	0	167	258	0	258
45	10.89	128	2	1500	0	1500	54	920	2700	3674	3323	351	801	2629	3430	159	0	159	253	0	253
46	10.94	132	2	1500	0	1500	15	910	2700	3625	3280	345	887	2583	3470	175	0	175	251	0	251
47	10.94	132	2	1500	0	1500	29	930	2700	3659	3322	337	955	2525	3480	182	0	182	(11,238)		
	(10,951)		(125)	(75,880)							(163,185)		(94,618)			(11,224)					

DAILY SEGREGATION

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
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL	
AUG 12	728,730	2000	780	2760	34	AUG 13	1966	2794	4760	1,051	2980	4720	7700	24	20	2936	3108	8044	- 64
13	725,020	1600	1140	2740	27	14	1573	3067	4640	1,048	2580	5270	7850	21	20	2439	3236	8175	- 29
14	721,310	1600	1110	2710	27	15	1573	3027	4600	1,045	3590	4170	7760	29	20	3541	4572	8113	- 13
15	717,140	1800	890	2690	31	16	1769	2681	4450	1,041	3790	4530	8320	30	15	3745	4939	8684	- 31
16	712,960	2100	550	2650	36	17	2064	2346	4410	1,038	4580	3800	8380	37	15	4528	4470	8998	- 34
17	708,790	2200	630	2830	37	18	2163	2477	4640	1,029	5190	3290	8480	41	15	5134	4046	9180	- 348
18	704,120	2200	730	2930	37	19	2163	2457	4620	1,023	5190	3070	8260	41	15	5134	3858	8992	- 401
19	699,460	2200	690	2890	37	20	2163	2417	4580	1,019	4190	3720	7910	33	15	4142	4298	8440	- 317
20	694,810	2200	670	2870	37	21	2163	2367	4530	1,015	4190	3660	7850	33	10	4147	4092	8239	- 362
21	690,180	2300	540	2840	39	22	2261	2209	4470	1,010	4780	2920	7700	38	10	4732	3437	8169	- 351
22	685,300	2400	530	2830	41	23	2359	2111	4470	1,006	4380	3470	7850	35	10	4335	3603	8138	- 398
23	680,420	2400	410	2810	41	24	2359	2051	4410	1,002	4580	3460	8040	37	10	4533	3806	8339	- 312
24	675,790	2400	400	2800	41	25	2359	1981	4340	997	5040	3220	8260	40	5	4995	3644	8639	- 27
25	671,410	2400	490	2890	41	26	2359	2051	4410	991	5040	3280	8320	40	5	4995	3815	8810	- 27
26	666,320	2400	550	2950	41	27	2359	2031	4390	985	5340	3080	8420	43	4	5393	3527	8920	- 28
27	661,240	2400	550	2950	41	28	2359	2011	4370	979	5430	3110	8540	43	0	5387	3783	9170	- 28
28	656,640	2400	550	2950	41	29	2359	1961	4320	972	5390	3350	8740	43		5347	4025	9372	- 3
29	651,550	2400	550	2950	41	30	2359	1981	4340	965	5860	3130	8990	47		5813	3950	9763	- 4
30	646,960	2400	550	2950	41	31	2359	2091	4450	957	6100	2600	8700	49		6051	3604	9655	- 4
SEPT 1	642,150	2300	650	2950	39	SEPT 1	2261	2339	4600	952	4980	3530	8510	40		4940	4121	9061	- 4
2	638,780	2300	640	2940	39	2	2261	2379	4640	948	4580	2910	7490	37		4543	3668	8211	- 1
3	635,660	2200	730	2930	37	3	2163	2437	4600	946	3170	3480	6650	25		3145	3999	7144	- 1
4	631,810	2000	540	2540	34	4	1966	2074	4040	945	2570	3640	6210	21		2549	4017	6566	- 1
5	628,440	800	650	1450	14	5	786	2364	3150	943	1900	4010	5910	15		1885	4359	6244	- 1
6	626,760	450	522	972	8	6	442	2228	2670	939	1600	4340	5940	13		1587	4557	6144	- 1
7	625,800	450	522	972	8	7	442	2128	2570	935	2960	2950	5910	24		2936	3247	6183	- 1
8	624,840	450	522	972	8	8	442	2228	2670	931	2610	3300	5910	21		2589	3595	6184	- 1
9	624,380	450	522	972	8	9	442	2018	2460	928	2300	3590	5890	18		2282	3861	6143	- 1
10	623,640	450	522	972	8	10	442	2148	2590	924	2460	3540	6000	20		2440	3773	6213	- 1
11	623,160	450	515	965	8	11	442	2108	2550	920	2660	3740	6400	21		2639	3895	6534	- 1
12	622,200	400	558	958	7	12	393	2117	2510	914	3260	3620	6880	26		3234	3842	7076	- 1
13	620,770	400	558	958	7	13	393	2097	2490	907	3870	3770	7640	31		3839	4001	7840	- 1
14	619,340	300	658	958	5	14	295	2255	2550	899	3830	3810	7640	31		3799	4142	7941	- 1
15	618,380	300	658	958	5	15	295	2225	2520	892	3730	3760	7490	30		3700	4140	7840	- 1
16	617,670	200	751	951	3	16	197	2613	2810	886	3530	3550	7080	28		3502	4078	7580	- 1
17	616,950	100	851	951	2	17	98	2912	3010	882	2320	4160	6480	19		2301	4777	7078	- 1
18	616,950	100	851	951	2	18	98	3022	3120	879	1410	4420	5830	11		1399	5107	6506	- 1
19	616,950	100	851	951	2	19	98	3072	3170	877	1160	4130	5290	9		1151	4742	5893	- 1
20	616,950	100	851	951	2	20	145	2935	3080	876	860	3800	4660	7		853	4518	5371	- 1
21	616,470	147	851	951	2	21	147	3313	3460	877	-1610	5920	4310	-13		-1597	6598	5001	- 1
22	615,760	150	818	944	3	22	167	3443	3610	880	-1090	4590	3500	-10		-1080	5360	4280	- 1
23	616,710	170	781	951	3	23	197	3193	3390	883	-1320	4680	3360	-11		-1309	5209	3900	- 1
24	616,710	200	737	937	3	24	246	2984	3230	886	-1270	4630	3360	-11		-1259	5029	3770	- 1
25	616,230	250	652	902	4	25	246	2854	3100	889	-320	3680	3360	-3		-317	4057	3740	- 1
26	616,000	250	638	888	4	26	246	2694	2940	890	-760	4080	3320	-6		-754	4474	3720	- 1
27	615,760	250	638	888	4						(137,610)			(1,097)	(189)	(136,324)			(1)

OF DATA AT AND BETWEEN SNAKE RIVER GAGING S

24 HOUR SECOND-FOOT EXCEPT AS NOTED

24 HOURS										SECOND- FEET EXCEPT AS NOTED											
NEELEY TO SHELLEY				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 ACRES- FEET	SNAKE RIVER AT NEELEY		
STATION	STORED LOSS	STORED DIVERSIONS	DATE	STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS				STORED	NORMAL	TOTAL	CALCULATED INFLOW	STORED DIVERSIONS					
68	143	1621	AUG. 14	1104	2886	3790	- 29	1581	-												
29	118	1491	15	800	2460	3260	- 47	1579	-	448	AUG. 15	25	855	225	1080	2582	72	AUG. 16	857	8793	2807
27	173	1585	16	1596	1434	3030	4	1525	-	732	16	24	312	224	536	2578	72	17	842	8698	2802
48	183	1669	17	1525	1695	3220	3	1479	-	67	17	23	149	223	372	2558	71	18	827	8918	2792
47	221	1723	18	2237	1303	3540	42	1523	-	43	18	34	284	234	518	2560	71	19	810	9208	2794
48	251	1660	19	2875	895	3770	78	1580	-	672	19	46	572	246	818	2591	71	20	793	9163	2837
01	251	1565	20	2917	603	3520	87	1473	-	1217	20	33	601	233	834	2564	82	21	777	9203	2797
97	202	1501	21	2042	1128	3170	34	1478	-	1357	21	31	611	231	842	2557	85	22	781	9212	2789
62	202	1428	22	2155	795	2950	39	1508	-	530	22	31	386	231	597	2547	85	23	746	9422	2778
91	231	1382	23	2728	222	2950	69	1582	-	610	23	35	253	235	488	2559	85	24	729	9406	2794
89	212	1832	24	1902	1568	3470	17	1617	-	1077	24	44	244	244	488	2552	85	25	712	9404	2796
27	221	1500	25	2485	1055	3540	52	1612	-	268	25	37	629	237	866	2537	85	26	695	9426	2774
27	244	1640	26	2824	516	3340	72	1620	-	821	26	27	615	227	842	2556	85	27	678	9317	2783
71	244	2050	27	2430	810	3240	47	1645	-	1132	27	6	384	206	590	2555	85	28	661	9239	2761
68	263	2289	28	2553	617	3170	52	1693	-	738	28	1	353	201	554	2561	85	29	644	9138	2762
60	263	2383	29	2481	- 281	2220	41	1793	-	808	29	2	220	202	422	2565	85	30	628	9033	2767
44	261	2684	30	2078	1222	3300	14	1841	-	647	30	2	148	202	350	2566	85	31	611	8432	2768
07	284	2668	31	2454	1556	4010	45	1698	-	223	31	16	290	216	506	2561	74	SEPT. 1	596	7523	2777
43	295	2650	SEPT. 1	2663	2017	4680	66	1556	-	711	SEPT. 1	78	1552	278	1830	2579	69	2	583	7043	2857
35	241	1648	2	2616	2234	4850	73	1399	-	1041	2	83	2047	283	2330	2575	58	3	572	6992	2858
24	222	964	3	3033	1597	4630	103	1319	-	1144	3	68	2222	268	2490	2563	53	4	563	6969	2831
42	153	726	4	2022	2018	4040	42	1322	-	1611	4	83	1687	283	1970	2567	53	5	554	4190	2850
44	124	786	5	1395	2015	3410	7	1280	-	658	5	72	998	272	1270	2582	53	6	546	9546	2854
32	92	809	6	852	1998	2850	- 21	1207	-	108	6	64	459	264	723	2570	53	7	535	5186	2834
47	77	846	7	517	1973	2490	- 39	1170	-	334	7	60	240	260	500	2572	53	8	524	8568	2832
68	143	829	8	1796	664	2460	39	1143	-	614	8	56	232	256	488	2588	53	9	512	7556	2844
54	126	863	9	1346	1174	2520	11	1158	-	614	9	54	84	254	338	2611	53	10	498	6985	2865
00	111	831	10	1040	1350	2390	- 8	1171	-	177	10	23	10	223	283	2607	52	11	484	6920	2830
18	119	965	11	1038	1252	2290	- 8	1166	-	123	11	16	0	207	207	2624	52	12	471	6819	2831
62	129	1074	12	1144	1056	2200	0	1144	-	120	12	14	0	196	196	2648	51	13	457	6706	2844
34	158	1156	13	1686	454	2140	41	998	-	0	13	11	0	192	192	2647	51	14	443	6661	2839
36	167	1117	14	2299	711	3010	72	1107	-	647	14	18	57	218	275	2637	42	15	430	6545	2855
37	185	947	15	2230	1160	3390	61	1212	-	1120	15	44	735	244	979	2637	38	16	419	6319	2881
47	181	824	16	2248	1452	3700	66	1151	-	957	16	56	1284	256	1540	2666	38	17	408	5979	2922
69	171	721	17	2241	1459	3700	75	990	-	1031	17	82	1458	282	1740	2672	38	18	399	5326	2954
97	112	678	18	1314	2076	3390	23	937	-	1176	18	93	1397	293	1690	2682	37	19	391	4875	2975
15	68	662	19	454	2716	3170	- 25	867	-	354	19	99	1331	299	1630	2705	37	20	385	4246	3004
47	56	462	20	386	2604	2990	23	0	-	388	20	96	1334	296	1630	2699	37	21	380	3596	2965
48	42	263	21	302	2568	2670	18	0	-	363	21	127	1253	327	1580	2726	37	22	375	2737	3053
15	- 79	44	22	- 1778	4888	2910	- 107	0	-	284	22	121	502	1098	1600	2762	37	23	371	1610	3860
30	- 53	0	23	- 1169	3869	2700	- 70	0	-	1671	23	109	- 1671	3251	1580	2754	23	24	367	- 605	6005
55	- 64	0	24	- 1400	3960	2560	- 84	0	-	1099	24	90	- 1099	2519	1420	2770	26	25	365	- 48	5289
41	- 61	0	25	- 1339	3829	2490	- 80	0	-	1316	25	67	- 1316	2636	1320	2774	31	26	362	170	5410
57	- 15	0	26	- 359	2829	2470	- 22	0	-	1259	26	38	- 1259	2529	1270	2772	31	27	361	- 81	5301
57	- 37	0	27	- 774	3144	2370	- 46	0	-	337	27	18	- 337	1497	1160	2794	33	28	359	569	4291
									-	728	28	16	- 728	1682	954	2796	36	29	356	92	4478
191	16,852	192,544		164,989			1830	151,122		113,037				119,358			12,588			1294,830	

G STATIONS 1963

VER EY	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					T.M. CANAL	
		NORTH	SOUTH	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL					STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED		NORMAL
11600	95,310	1380	1190	2570	2570	0	6063	2807	8870	AUG	17	10.90	161	3	1500	0	1500	48	930	2700	3678	3348	330
11500	95,310	1410	1190	2600	2600	0	6188	2802	8990		18	10.86	161	3	1490	0	1490	48	930	2700	3678	3348	333
11700	94,840	1450	1210	2660	2660	0	6328	2782	9110		19	10.84	169	3	1490	0	1490	48	840	2710	3698	3371	327
12000	93,780	1540	1250	2790	2790	0	6598	2794	9390		20	10.98	210	3	1500	0	1500	48	970	2700	3718	3390	328
12000	93,200	1570	1270	2840	2840	0	6583	2837	9420		21	11.05	208	3	1510	0	1510	48	970	2700	3718	3384	334
12000	93,790	1540	1270	2810	2810	0	6493	2797	9290		22	11.08	215	3	1510	0	1510	48	970	2700	3718	3389	329
12000	92,860	1540	1240	2780	2780	0	6352	2788	9140		23	11.00	213	3	1510	0	1510	48	970	2690	3708	3380	328
12200	93,780	1540	1240	2780	2780	0	5952	2778	8730		24	10.80	213	3	1500	0	1500	48	930	2690	3668	3341	327
12200	94,370	1500	1220	2720	2720	0	6046	2794	8840		25	10.74	213	3	1510	0	1510	48	920	2700	3668	3339	329
12200	95,070	1480	1220	2700	2700	0	6344	2798	9140		26	10.81	218	3	1520	0	1520	48	930	2700	3678	3349	329
12100	95,670	1490	1220	2710	2710	0	6426	2774	9200	27	10.82	218	3	1530	0	1530	48	920	2700	3668	3342	328	
12000	95,670	1510	1270	2780	2780	0	6469	2761	9230	28	10.82	212	3	1530	0	1530	45	930	2700	3675	3347	328	
11900	95,430	1520	1300	2820	2820	0	6468	2762	9230	29	10.86	212	3	1530	0	1530	45	940	2690	3675	3350	325	
11800	95,310	1470	1290	2760	2760	0	6463	2767	9230	30	10.92	208	3	1530	0	1530	45	950	2680	3675	3350	325	
11200	95,670	1200	1210	2410	2410	0	6342	2768	9110	31	11.05	187	3	1540	0	1540	48	960	2690	3698	3372	328	
10300	94,720	873	1110	2083	2083	0	5923	2777	8700	SEPT.	1	11.20	183	2	1520	0	1520	48	940	2680	3668	3342	326
9900	94,600	918	1030	1948	1948	0	5403	2857	8260	2	11.20	183	2	1520	0	1520	48	940	2360	3348	3021	327	
9850	94,720	915	982	1897	1897	0	5242	2858	8100	3	11.20	157	2	1510	0	1510	48	940	2200	3188	2852	326	
9800	95,180	878	925	1803	1803	0	5069	2831	7900	4	11.20	145	2	1510	0	1510	45	940	2200	3185	2849	326	
7040	94,250	823	928	1751	1751	0	4940	2850	7790	5	10.99	145	2	1490	0	1490	45	910	2200	3155	2821	324	
12400	92,390	834	804	1738	1738	0	5046	2854	7900	6	10.79	145	2	1480	0	1480	45	900	2190	3135	2800	325	
8030	94,020	856	907	1763	1763	0	5286	2834	8120	7	10.68	151	2	1470	0	1470	45	900	2220	3165	2830	325	
11400	93,090	898	910	1808	1808	0	5378	2832	8210	8	10.66	151	2	1480	0	1480	45	920	2250	3215	2862	323	
10400	95,670	962	937	1899	1899	0	5446	2844	8290	9	10.67	151	2	1470	0	1470	45	930	2260	3235	2802	323	
9850	95,180	979	952	1931	1931	0	5515	2865	8380	10	10.69	151	2	1480	0	1480	45	920	2250	3215	2861	324	
9750	94,720	1010	984	1974	1974	0	5550	2830	8380	11	10.75	151	2	1480	0	1480	45	930	2240	3215	2878	327	
9650	95,550	1070	961	2031	2031	0	5579	2831	8410	12	10.76	151	2	1480	0	1480	45	940	2240	3225	2892	323	
9550	92,270	1010	1030	2040	2040	0	5596	2844	8440	13	10.76	151	2	1480	0	1480	45	940	2200	3185	2852	323	
9500	90,760	860	985	1845	1845	0	5541	2839	8380	14	10.92	125	2	1490	0	1490	45	960	2200	3205	2870	326	
9400	90,990	808	889	1697	1697	0	5541	2839	8380	15	11.04	125	2	1490	0	1490	45	960	2160	3165	2851	324	
9200	92,180	746	790	1536	1536	0	4685	2855	7540	16	10.84	121	2	1480	0	1480	45	930	2000	2975	2639	326	
8900	93,440	652	752	1404	1404	0	4679	2881	7560	17	11.02	105	2	1420	0	1420	45	940	1930	2915	2575	340	
8280	95,180	546	766	1312	1078	234	4158	2922	7080	18	11.10	101	2	1390	0	1390	45	950	1760	2755	2411	344	
7650	98,830	431	735	1166	811	355	4158	2922	7080	19	11.12	94	2	1390	0	1390	45	960	1650	2855	2255	400	
7250	98,320	407	601	1008	564	444	3790	2720	6510	20	10.94	84	2	1390	0	1390	45	950	1610	2605	2205	400	
6590	99,160	412	455	867	382	485	3340	2610	5950	21	10.90	67	2	1310	0	1310	41	930	1490	2481	2061	400	
5790	100,610	414	398	812	279	533	3260	2560	5820	22	10.80	67	2	1280	0	1280	41	900	1420	2361	1961	400	
5470	97,840	409	398	807	0	807	2900	2510	5410	23	10.63	67	2	1290	0	1290	40	880	1410	2330	1930	400	
5400	96,390	409	398	807	0	807	2820	2520	5340	24	10.73	61	2	1240	0	1240	38	890	1340	2268	1315	953	
5240	94,950	407	394	801	0	801	2637	3053	5690	25	10.85	58	2	204	986	1190	36	900	1260	2216	0	2216	
5240	93,850	421	402	823	0	823	312	5198	5510	26	10.98	48	2	793	407	1200	35	930	1200	2165	0	2165	
5240	92,180	485	506	991	0	991	922	4488	5410	27	11.04	45	2	624	576	1200	35	940	1200	2175	0	2175	
4860	90,060	579	544	1123	0	1123	673	4587	5260	28	11.08	55	2	821	379	1200	35	950	1140	2126	0	2126	
4570	88,900	797	630	1427	0	1427	810	4310	5120	29	11.02	55	2	1190	0	1190	35	930	1100	2066	617	1400	
							1952	3168	5120	30	10.60	60	2	400	0	400	0	900	1070	1970	649	1400	
												(6,389)	(105)	(61,272)								(14,521)	

DATE	MILNER LAKE EAGE FEET	MINIDOKA NORTH SIDE PUMP STORED	MINOR DIVERSIONS NEELEY TO MILNER STORED	GOODING PROJECT			NORTH SIDE CANAL COMPANY					TWIN FALLS CANAL COMPANY			MILNER LOW LIFT			SNAKE RIVER AT MILNER			
				STORED	NORMAL	TOTAL	P.A.	GOODING	MAIN	TOTAL	STORED	NORMAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL	STORED	NORMAL	TOTAL
17	10.80	181	3	1500	0	1500	48	930	2700	3678	3348	330	1003	2477	3480	186	0	186	251	0	251
18	10.82	181	3	1490	0	1490	48	930	2700	3678	3348	333	1058	2472	3530	191	0	191	251	0	251
19	10.84	189	3	1490	0	1490	48	940	2710	3698	3371	327	1115	2455	3570	192	0	192	251	0	251
20	10.98	210	3	1500	0	1500	48	970	2700	3718	3390	328	1094	2466	3560	207	0	207	253	0	253
21	11.05	208	3	1510	0	1510	48	970	2700	3718	3384	334	1057	2503	3560	207	0	207	256	0	256
22	11.06	215	3	1510	0	1510	48	970	2700	3718	3389	329	1092	2468	3560	207	0	207	256	0	256
23	11.09	213	3	1510	0	1510	48	970	2690	3708	3380	328	1080	2460	3540	207	0	207	251	0	251
24	10.80	213	3	1500	0	1500	48	930	2690	3668	3341	327	1079	2451	3530	201	0	201	246	0	246
25	10.74	213	3	1510	0	1510	48	920	2700	3668	3339	329	1085	2465	3550	194	0	194	243	0	243
26	10.81	218	3	1520	0	1520	48	930	2700	3678	3349	329	1103	2467	3570	181	0	181	243	0	243
27	10.82	218	3	1530	0	1530	48	920	2700	3668	3342	326	1122	2448	3570	170	0	170	243	0	243
28	10.82	212	3	1530	0	1530	45	930	2700	3675	3347	328	1125	2455	3580	191	0	191	251	0	251
29	10.66	212	3	1530	0	1530	45	940	2690	3675	3350	325	1134	2436	3570	208	0	208	256	0	256
30	10.92	208	3	1530	0	1530	45	950	2680	3675	3350	325	1143	2437	3580	204	0	204	253	0	253
31	11.05	187	3	1540	0	1540	48	960	2690	3698	3372	326	1089	2441	3530	190	0	190	261	0	261
T. 1	11.20	183	2	1520	0	1520	48	940	2680	3668	3342	326	1038	2442	3480	169	0	169	266	0	266
2	11.20	183	2	1520	0	1520	48	940	2360	3348	3021	327	1010	2450	3460	158	0	158	264	0	264
3	11.20	157	2	1510	0	1510	48	940	2200	3188	2852	336	949	2521	3470	158	0	158	264	0	264
4	11.20	145	2	1510	0	1510	45	940	2200	3185	2849	336	878	2522	3400	158	0	158	261	0	261
5	10.99	145	2	1490	0	1490	45	910	2200	3155	2821	334	843	2497	3340	144	0	144	251	0	251
6	10.79	145	2	1480	0	1480	45	900	2190	3135	2800	335	815	2515	3330	144	0	144	248	0	248
7	10.68	151	2	1470	0	1470	45	900	2220	3165	2830	335	771	2519	3290	139	0	139	246	0	246
8	10.56	151	2	1480	0	1480	45	920	2250	3215	2882	333	769	2501	3270	136	0	136	248	0	248
9	10.67	151	2	1470	0	1470	45	930	2260	3235	2902	333	771	2499	3270	136	0	136	243	0	243
10	10.89	151	2	1480	0	1480	45	920	2250	3215	2881	334	740	2510	3250	136	0	136	243	0	243
11	10.75	151	2	1480	0	1480	45	930	2240	3215	2878	337	692	2528	3220	136	0	136	243	0	243
12	10.76	151	2	1480	0	1480	45	940	2240	3225	2892	333	683	2497	3180	136	0	136	246	0	246
13	10.76	151	2	1480	0	1480	45	940	2200	3185	2852	333	662	2498	3160	136	0	136	246	0	246
14	10.92	125	2	1490	0	1490	45	960	2200	3205	2870	335	621	2509	3130	136	0	136	251	0	251
15	11.04	125	2	1490	0	1490	45	960	2160	3165	2831	334	535	2505	3040	136	0	136	261	0	261
16	10.84	121	2	1480	0	1480	45	930	2000	2975	2639	336	471	2519	2990	136	0	136	251	0	251
17	11.02	105	2	1420	0	1420	45	940	1930	2915	2575	340	319	2541	2860	120	0	120	253	0	253
18	11.10	101	2	1390	0	1390	45	950	1760	2755	2411	344	62	2578	2640	105	0	105	256	0	256
19	11.12	94	2	1390	0	1390	45	960	1650	2855	2255	400	0	2320	2320	105	0	105	256	0	256
20	10.94	84	2	1390	0	1390	45	950	1610	2605	2205	400	0	2210	2210	101	0	101	253	0	253
21	10.90	67	2	1310	0	1310	41	930	1490	2461	2061	400	0	2160	2160	90	0	90	251	0	251
22	10.80	67	2	1280	0	1280	41	900	1420	2361	1961	400	0	2110	2110	85	0	85	248	0	248
23	10.63	67	2	1290	0	1290	40	880	1410	2330	1930	400	0	2120	2120	79	0	79	246	0	246
24	10.73	61	2	1240	0	1240	38	890	1340	2268	1315	953	0	2100	2100	57	0	57	243	0	243
25	10.65	56	2	204	986	1190	38	900	1280	2218	0	2216	0	1940	1940	0	56	56	243	0	243
26	10.98	48	2	793	407	1200	35	930	1200	2165	0	2165	0	1860	1860	0	56	56	246	0	246
27	11.04	45	2	624	576	1200	35	940	1200	2175	0	2175	0	1780	1780	0	56	56	251	0	251
28	11.08	55	2	821	379	1200	35	950	1140	2125	0	2125	0	1750	1750	0	56	56	253	0	253
29	11.02	53	2	1190	0	1190	35	930	1100	2065	617	1448	0	1720	1720	62	0	62	251	0	251
30	10.80	60	2	400	0	400	0	900	1070	1970	649	1321	0	1730	1730	74	0	74	243	0	243
46,869				(105)			(114,521)					(29,008)			(6,108)			(11,290)			

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 STORE LOSS
		STORED	NORMAL	TOTAL			STORED	NORMAL	TOTAL		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS	STORED	NORMAL	TOTAL		
SEPT 26	615,280	250	638	888	4	SEPT 27	246	2604	2850	892	- 259	3579	3320	- 2		- 257	3977	3720	0	-
27	614,320	300	588	888	5	28	295	2495	2790	893	- 210	3630	3420	- 2		- 208	3978	3770		-
28	613,610	370	518	888	6	29	364	2356	2720	894	- 141	3561	3420	- 2		- 139	3979	3840		-
29	612,890	450	438	888	8	30	442	2218	2660	896	- 63	3483	3420	- 1		- 62	3982	3900		-
30	611,930	500	388	888	8	OCT 1	492	2128	2620	896	- 13	3533	3520	0		- 13	3983	3950		-
OCT 1	611,220	500	388	888	9	2	491	2079	2570	897	491	3028	3520	4		487	3483	3970		-
2	610,260	500	388	888	8	3	492	2058	2550	897	492	3228	3720	4		488	3682	4170		-
3	609,070	500	388	888	9	4	491	2049	2540	897	491	3249	3740	4		487	3793	4280		-
4	607,400	500	388	888	8	5	492	1998	2490	897	744	2996	3740	6		738	3572	4310		-
5	606,680	500	388	888	9	6	491	1979	2470	896	744	2976	3720	6		738	3602	4340		-
6	605,960	500	388	888	8	7	492	1938	2430	896	744	2976	3720	6		738	3572	4310		-
7	605,010	500	388	888	9	8	491	1919	2410	896	644	3136	3780	5		639	3721	4360		-
8	604,290	500	388	888	8	9	492	1918	2410	895	644	3136	3780	5		639	3751	4390		-
9	603,580	500	388	888	9	10	491	1949	2440	894	645	3135	3780	5		640	3750	4390		-
10	602,620	500	388	888	8	11	492	1938	2430	894	897	2883	3780	7		890	3450	4340		-
11	601,660	500	388	888	9	12	491	1909	2400	893	896	2934	3830	7		889	3501	4390		-
12	600,710	500	388	888	8	13	492	1858	2350	892	880	2950	3830	7		873	3547	4420		-
13	599,760	500	388	888	9	14	491	1889	2380	891	770	3040	3810	6		764	3656	4420		-
14	599,050	500	395	895	8	15	492	1888	2380	890	770	3040	3810	6		764	3626	4390		-
15	598,100	500	395	895	9	16	491	1859	2350	890	770	3080	3850	6		764	3596	4360		-
16	596,910	500	395	895	8	17	492	1828	2320	889	770	3080	3830	6		764	3596	4360		-
17	595,730					18				888										-
TOTAL PLATE 13		(9,870)			(167)		(9703)				(10,706)			(83)		(10,623)			(0)	
TOTAL FOR SEASON		128,447			2185		128,262				384,396			3069	875	380,452			-16,209	

DATA AT AND BETWEEN SNAKE RIVER GAGGLES

RED FLOW FORK	NEELEY TO SHELLEY		DATE	SNAKE RIVER NEAR SHELLEY			SHELLEY TO BLACKFOOT		THEORETICAL BALANCE OF STORAGE AT BLACKFOOT	24 HOUR SECOND-FOOT EXCEPT AS NOTED										DATE	AMERICAN FALLS RESERVOIR CONTENTS THOUSANDS OF ACRE-FOOT	SNAKE AT
	STORED LOSS	STORED DIVERSIONS		STORED	NORMAL	TOTAL	STORED LOSS	STORED DIVERSIONS		SITE	BLACKFOOT RIVER	SNAKE RIVER NEAR BLACKFOOT			BLACKFOOT TO NEELEY							
												STORED	NORMAL	TOTAL	CALCULATED INFLOW	STORED DIVERSIONS						
0	- 13	0	SEPT 28	- 244	2 584	2 340	- 15	0	- 229	29	15	595	215	810	2 791	38	SEPT 30	353	1 894			
	- 10	0	29	- 198	2 518	2 320	- 12	0	- 186	30	14	453	214	667	2 756	36	OCT 1	351	2 570			
	- 7	0	30	- 132	2 342	2 210	- 8	0	- 124	1	15	315	215	530	2 770	36	2	347	3 005			
	- 3	0	OCT. 1	- 59	2 109	2 050	- 4	0	- 55	2	18	198	218	416	2 770	36	3	343	3 122			
	- 1	0	2	- 12	1 862	1 850	0	0	- 12	3	23	67	223	290	2 770	36	4	339	3 117			
	24	230	3	233	1 527	1 760	9	80	144	4	28	22	228	250	2 770	36	5	333	3 072			
	24	230	4	234	1 486	1 720	9	80	145	5	34	0	233	233	2 770	36	6	327	3 027			
	24	230	5	233	1 527	1 760	9	80	144	6	37	0	233	233	2 770	36	7	321	2 987			
	36	230	6	472	1 238	1 710	24	80	368	7	28	0	211	211	2 770	36	8	318	2 969			
	36	230	7	472	1 238	1 710	24	80	368	8	29	0	216	216	2 770	36	9	310	2 804			
	36	230	8	472	1 246	1 720	18	180	274	9	40	0	224	224	2 700	34	10	304	2 706			
	31	230	9	378	1 302	1 680	12	180	186	10	47	0	241	241	2 700	31	11	300	2 299			
	31	230	10	378	1 412	1 790	12	180	186	11	60	25	260	285	2 700	31	12	294	1 830			
	31	230	11	379	1 401	1 780	12	180	187	12	68	43	268	311	2 700	30	13	289	1 572			
	43	230	12	617	1 187	1 800	26	180	411	13	57	49	257	306	2 700	29	14	285	703			
	43	230	13	616	1 186	1 800	26	180	410	14	68	76	268	344	2 700	29	15	282	152			
	43	230	14	600	1 200	1 800	25	180	395	15	82	106	282	388	2 700	29	16	280	308			
	37	230	15	497	1 333	1 830	19	180	298	16	82	122	282	404	2 700	22	17	279	- 192			
	37	230	16	497	1 393	1 890	19	180	298	17	95	157	295	452	2 700	18	18	278	- 1005			
	37	230	17	497	1 363	1 860	19	180	298	18	90	144	290	434	2 700	18	19	278				
	37	230	18	497	1 333	1 830	19	180	298	19	90	144	290	434		18	20	279				
101	15 161	13 680		16 427			124 3	12 380	13 804			12 516				16 651			136 900			
209	18 562	187 213		158 468			271 7	113 539	42 212			42 212				7 854			768 222			

NOTES

NOTES

CANAL

JULY

	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	
SWAN VALLEY USERS	1																																				
AGGRESSIVE IRRIGATION DISTRICT	2				2	2	2	5	5	5	10	15	20	20	20	20	20	25	25	25	25	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
FARMERS FRIEND	3			0	2	2	1	2	3	3	27	28	27	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
ENTERPRISE	4			333	373	369	398	422	418	429	435	427	424	420	422	415	400	417	411	412	410	411	394	405	399	389	388	380	372	347	325	320	323	317	293	286	277
NELSON	5			31	32	33	183	183	183	167	165	164	162	162	185	190	186	183	183	186	144	125	124	149	149	149	149	106	77	73	66	93	93	73	53	54	51
MATSON CRAIG	6			4	0	0	3	3	39	40	38	48	49	49	118	102	98	226	229	209	207	212	208	208	207	205	207	180	176	178	192	192	190	189	187	111	188
TRANSBERGER	7			4	4	0	3	3	0	1	1	2	0	13	13	13	13	0	7	0	1	1	13	18	9	2	1	1	1	9	8	1	1	3	3	0	2
BUTLER ISLAND	8			16	20	4	10	9	9	15	15	14	15	7	6	3	3	4	3	3	3	3	1	3	5	3	3	7	6	10	5	11	10	10	10	10	10
BOSS & RAND	9			2	0	0	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHELLEY	10			13	12	11	9	11	10	10	10	10	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
HARRISON	11			206	211	209	213	213	209	219	219	209	219	209	208	216	219	203	213	366	363	373	369	366	364	363	363	334	340	340	337	330	330	340	340	340	340
CHENEY	12			67	129	131	137	141	142	143	157	136	137	155	151	146	141	143	144	144	153	157	164	175	172	178	149	187	125	122	120	110	110	112	111	111	118
KYLE & NORD	13			269	259	209	199	219	199	209	209	219	229	219	209	219	369	369	369	379	369	379	369	359	355	369	342	347	342	333	337	329	333	329	333	329	327
BURGESS	14			24	24	27	27	29	27	28	26	26	0	20	19	19	18	18	17	19	0	2	2	8	6	13	15	14	8	10	8	8	8	8	8	8	8
CLARA B EDWARDS	15			9	9	8	8	8	8	7	7	6	7	10	6	3	2	1	1	1	3	3	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7
BUTLER ISLAND NO. 2	16			2	7	8	4	4	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
LOWDER	17			12	12	9	6	20	9	8	8	10	13	2	1	0	12	10	10	28	28	29	18	22	20	18	20	18	22	1	4	0	0	0	0	0	0
EAST LABELLE	18			81	68	66	65	70	68	60	61	57	30	42	129	47	145	150	137	137	200	124	123	126	89	81	97	97	80	84	84	80	80	80	80	80	80
SUNNYDELL	19			112	93	100	100	101	99	88	76	77	94	91	81	95	92	77	81	81	77	47	63	92	93	92	92	92	92	92	92	92	92	92	92	92	92
LEAFROOT	20			2	4	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
REID	21			86	38	57	44	32	56	50	44	37	37	37	33	27	34	46	37	37	40	49	52	53	39	41	44	44	37	39	35	28	20	13	13	13	
TEXAS & LIBERTY PARK	22			23	22	38	68	71	68	68	61	52	58	48	55	52	42	50	48	48	52	52	50	48	48	48	48	48	48	48	48	48	48	48	48	48	
NELSON COREY	23			77	0	34	58	54	47	52	49	45	73	54	0	52	90	77	71	34	90	0	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
MILL-PETTINGER	24			32	11	10	22	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
RIGBY	25			5	6	7	6	6	5	4	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ISLAND	26			3	0	0	0	2	3	5	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
DUTTS	27			58	75	91	74	75	77	118	98	95	91	87	84	89	85	82	88	86	87	87	89	84	84	84	84	84	84	84	84	84	84	84	84	84	84
WEST LABELLE & LONG ISLAND	28			1	2	2	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
PARKS & LEWISVILLE	29			10	14	12	9	8	8	5	5	10	15	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
NORTH RIGBY	30			380	410	420	460	480	480	470	490	490	480	480	480	440	500	500	440	470	480	480	470	460	480	460	420	420	420	420	420	420	420	420	420	420	
WHITE	31			197	273	246	248	238	268	287	288	295	290	304	310	301	325	325	335	349	365	376	362	357	355	353	352	325	316	330	324	309	311	311	311	311	
BRAMWELL	32			8	8	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	
BUTTE & MARKET LAKE	33			5	6	7	6	6	5	4	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RESERVOIR	34			3	0	0	0	2	3	5	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
BEAR ISLAND	35			58	75	91	74	75	77	118	98	95	91	87	84	89	85	82	88	86	87	87	89	84	84	84	84	84	84	84	84	84	84	84	84	84	84
SMITH	36			1	2	2	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
KENNEDY	37			10	14	12	9	8	8	5	5	10	15	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
ICAHN	38			380	410	420	460	480	480	470	490	490	480	480	480	440	500	500	440	470	480	480	470	460	480	460	420	420	420	420	420	420	420	420	420	420	
NEW SWEDEN (3)	39			197	273	246	248	238	268	287	288	295	290	304	310	301	325	325	335	349	365	376	362	357	355	353	352	325	316	330	324	309	311	311	311	311	
MARTIN	40			8	8	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	
WOODVILLE	41			5	6	7	6	6	5	4	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SNAKE RIVER VALLEY	42			3	0	0	0	2	3	5	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
MISCELLANEOUS	43			58	75	91	74	75	77	118	98	95	91	87	84	89	85	82	88	86	87	87	89	84	84	84	84	84	84	84	84	84	84	84	84	84	
TOTAL HEISE TO SHELLEY	44			2287	2721	2775	2831	2897	2917	2962	2986	3102	3131	3138	3276	3663	3831	3968	3989	3996	4097	3978	4170	4235	4178	4191	4039	3979	3898	3635	3571	3495	3595	3602	3673	3673	
RESERVATION	45			15	38	15	4	0	98	65	86	73	67	56	53	57	87	86	83	109	89	19	13	41	19	75	71	41	45	0	227	533	181	0	0	0	
BLACKFOOT	46			15	20	29	28	25	34	26	29	27	28	12	29	22	27	27	28	23	24	19	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
NEW LAVA SIDE	47			22	64	58	121	124	111	127	127	124	130	134	147	130	137																				

STORAGE DIVERSIONS - MAIN RIVE

24 HOUR SECOND-FEET EXCEPT AS NOTED

SEPTEMBER

[illegible]

1963

- (1) FROM PAL
- (2) RENTES F
- (3) INCLUDES
- (4) FROM PAL
- (5) ALLSTON
- (6) TRANSFER
- (7) TRANSFER
- (8) RELEASE
- (9) LAKE WA
- (10) WYOMING
- (11) CONTIN
- (12) DOES NO

NOTES

- (1) FROM PALISADES WATER USERS INC.
- (2) RENTED FROM WATER DISTRICT NO. 36
- (3) INCLUDES WEST SIDE MUTUAL
- (4) FROM PALISADES WATER USERS AND INCLUDES UNUSED ALLOTMENTS TO INDIVIDUALS UNDER MANY SNAKE RIVER CANALS
- (5) TRANSFER TO ABERDEEN PUMP
- (6) TRANSFER 1235 A.F. FROM WATSON TO PARSONS
- (7) RELEASED TO WATER DISTRICT 36 FOR RENTAL
- (8) LAKE WALCOTT 95,910 A.F.; GAIN NEELEY TO MILNER 55,980 A.F.
- (9) WYOMING 33,000 A.F.; MILNER LOW LIFT ALLOCATED 17,000, CONTINGENCIES 1,440
- (10) DOES NOT INCLUDE FOLLOWING ALLOTMENTS:

CITY OF POCATELLO	50,000
SIMPLLOT	2,500
PALISADES WATER USERS	50,230
WEST SIDE MUTUAL (UNUSED)	1,850
WESTVACO	5,000

TOTAL	RESERVOIR EQUIVALENT	AMERICAN FALLS	JACKSON	PALISADES	RENTALS OTHER RIGHTS	TOTAL SUPPLY
ACRE-Feet	ACRE-Feet	ACRE-Feet	ACRE-Feet	ACRE-Feet	ACRE-Feet	ACRE-Feet
875	1,735	1,852			685 (1) 5,725	7,390
1,735	2,287	3,450	673	1,589		5,812
3,450	10,000	12,485	7,209	1,550	(1) 430	48,624
10,000	23,419	24,976	8,923	11,252	(1) 50	12,020
23,419	123				(1) 480	480
123	404			1,440	(1) 240	1,440
404	548			250		550
548	33,737	12,025	11,943	23,500	(1) 60	600
33,737	17,000	2,649	3,530	15,700	(1) 865	48,633
17,000	39,392	9,496	10,603	31,400	(1) 400	28,121
39,392	1,159			800	(1) 304	304
1,159	1,967				(1) 30	52,474
1,967	1,775		1,040	1,600	(1) 210	1,166
1,775	837			800	(1) 1,100	1,100
837	7,209		4,000	6,300		2,640
7,209	10,576	3,868	5,234	7,850	(1) 580	10,880
10,576	2,549	2,549	1,472	1,150		16,952
2,549	525			4,700	(1) 260	4,980
525	2,784				(1) 420	420
2,784	1,919			6,300	(1) 890	890
1,919	1,110	886	511	4,700	(1) 210	6,510
1,110	2,736			1,200		4,700
2,736	3,449			6,000	(1) 186	2,597
3,449	764			5,500		6,186
764	145			1,200		5,500
145	7,498	4,666	2,895	44,000	(1) 375	1,200
7,498	11,040	13,459	7,771	15,250	(1) 250	200
11,040	465	191	110		(1) 720	51,511
465	141	21	12		(1) 117	36,480
141	1,222	50	383	4,190	(1) 599	1,021
1,222	31,546	22,911	13,230	58,800		150
31,546	37,867	25,731	19,857	31,900	(1) 1,340	5,223
37,867	6,910	2,006	2,659	5,600	(1) 200	84,941
6,910	12,540	8,047	3,491	8,000		79,278
12,540	71,183	26,367	30,225	35,300		10,485
71,183	2,887					15,538
2,887					455 (4) 23,985	91,852
						24,440
72,213	371,325	396,081	155,003	140,817	3,974	721,417
1,878	2,003				1,850 (1) 150	2,000
2,003	1,027	12,763	7,370	4,050		24,183
1,027	1,990			11,750		11,750
1,990	56,962	21,415	20,365	35,000		76,780
56,962	65,714	55,591	74,626	152,800	(5) - 55	282,962
65,714	6,172	3,398	1,981	6,300		11,657
6,172	889			1,500		1,500
889	1,569			2,350		2,350
1,569	150	1,314	758	3,200		5,272
150	411			800		600
411	842			2,350	(8) - 235	2,115
842	503			700	(8) 235	935
503						
225,200	240,212	94,479	105,080	220,600	1,850	422,104
		47,700		83,900	(7) - 7,220	124,380
		23,500		40,900	(7) - 5,030	81,170
		241,505	186,030	74,200	(8) 195,890	653,828
					(1) 2,330	2,330
		47,583		90,800		138,383
		400,000		1,000		401,000
		438,380	312,007	118,600		868,967
		181,183	97,183			248,366
		45,687		27,500	3,560	76,747
		45,000				45,000
			(9) 51,440			51,440
					(7) 10,250	10,250
2,203,595		659,812	841,117	1,089,420	10,049	3,830,581

TIME CLOUGH TO RUEGAR = 12 Hrs.
 RUEGAR TO MINIDOKA = 8 Hrs.
 MINIDOKA TO MILNER = 12 Hrs.

Moran to Heise - Disch. at Heise

Heise to Shelley - Disch. at Shelley

Shelley to Clough - Disch. at Clough

IN HOURS

TIME

Checked by

Date

Date

[illegible]

FALL RIVER CANALS		HENRYS FORK CANALS	
WATERSTONE	0	0	0
TOTAL ABOVE SQUIRREL	0	0	0
FARMERS OWN	0	0	0
ALMY	5	5	5
ENTERPRISE	82	83	83
BELL	82	83	83
FALL RIVER	297	297	306
MC BEE	1	1	1
CHESTER	82	83	84
SILKEY	15	15	16
CURR	32	32	33
TOTAL SQUIRREL TO CHESTER	514	516	528

DEWEY		HENRYS FORK CANALS	
LAST CHANCE	16	14	13
CROSS CUT	162	162	162
ST. ANTHONY UNION	504	514	468
FARMERS FRIEND	192	196	201
TWIN GROVES	169	170	170
SALEM UNION	236	247	257
TOTAL ASHTON TO STANTHONY	1279	1303	1271
ECIN	338	324	310
ST. ANTHONY UNION FEEDER	89	90	73
INDEPENDENT	293	314	318
CONSOLIDATED FARMERS	310	311	311
TOTAL STANTHONY TO REXBURG	1030	1039	1012

SIDOWAY		TETON RIVER CANALS	
WILFORD	124	120	116
TETON IRRIGATION	54	52	50
GOOD LUCK	54	52	50
PIONEER			
STEWART	0	2	4
PINCOCK-BYINGTON	0	2	4
PINCOCK-GARNER	9	10	12
GARDNER	9	10	12
TETON ISLAND FEEDER	391	404	417
NORTH SALEM	13	13	14
ROXANA	42	41	39
ISLAND WARD	32	24	15
BIGLER	32	24	15
WOODMANSEE-JOHNSON	16	15	15
JAMES-THOMPSON	16	15	15
MC CORMICK-ROWE	20	20	19
CITY OF REXBURG	9	8	8
REXBURG IRRIGATION	263	248	254
SAUNT-SOMMERS	8	7	5
TOTAL TETON RIVER	930	910	935

44

44

HENRYS FORK - DAILY SEGREGATION OF FLOW 1963

24 HOUR SECOND-FOET EXCEPT AS NOTED

BRASSY LAKE STORAGE RELEASE	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
50		205	965	1,170	18	67	JULY 4			
60	124	165	955	1,120	55	148	5	120	734	854
70	143	203	735	938	43	152	6	-38	796	758
80	166	268	552	820	1	168	7	8	622	630
90	163	495	365	860	13	134	8	99	471	570
100	331	365	474	840	2	168	9	348	202	550
110	335	635	351	986	65	195	10	196	379	575
120	20	746	381	1,130	74	273	11	375	383	758
130	70	771	347	1,118	18	371	12	34	850	884
140	70	781	337	1,118	113	362	13	-42	822	780
150	100	784	364	1,148	94	282	14	-138	828	690
160	100	837	340	1,177	168	315	15	-12	602	590
170	100	887	378	1,265	154	410	16	-143	885	742
180	100	791	464	1,255	107	362	17	-186	1,040	854
190	90	758	406	1,164	329	300	18	-5	931	926
200	90	794	360	1,154	314	243	19	-223	938	715
210	90	768	435	1,203	308	265	20	-197	877	680
220	140	806	486	1,292	283	214	21	-138	808	670
230	140	821	569	1,390	285	234	22	-11	671	660
240	140	803	606	1,409	307	302	23	50	692	742
250	140	808	601	1,409	281	292	24	-3	795	792
260	130	832	557	1,389	285	286	25	28	725	753
270	110	817	545	1,362	289	347	26	-14	750	736
280	110	969	383	1,352	310	205	27	-91	833	742
290	110	982	399	1,381	350	296	28	-132	890	758
300	110	951	430	1,381	330	262	29	-247	1,107	860
310	110	870	501	1,371	325	281	30	-162	1,040	878
320	130	845	528	1,373	305	285	31	-105	1,049	944
330	130	1,010	353	1,363	347	262	AUG. 1	-62	958	896
340	130	1,159	126	1,285	414	241	2	-256	1,126	872
350	110	1,148	107	1,255	418	203	3	-529	1,337	808
360	80	1,106	100	1,206	429	177	4	-514	1,311	797
370	80	1,074	132	1,206	394	195	5	-506	1,342	836
380	80	1,042	154	1,196	386	187	6	-457	1,377	920
390	80	922	253	1,175	317	165	7	-419	1,405	986
400	80	943	312	1,255	317	182	8	-229	1,209	980
410	80	840	415	1,255	281	137	9	-187	1,347	1,160
420	85	871	279	1,150	312	158	10	-3	1,053	1,050
430	85	861	379	1,240	205	165	11	-191	1,681	1,490
440	85	823	261	1,084	217	141	12	9	1,811	1,820
450	85	771	284	1,055	214	138	13	-97	1,797	1,700
460	85	705	243	948	217	55	14	-68	1,768	1,700
470	85	716	8	724	131	64	15	-29	1,479	1,450
480	85	728	-92	636	200	56	16	-187	1,397	1,210
490	85	729	-93	636	202	52	17	-348	1,436	1,090
500	85	717	-111	606	189	48	18	-347	1,377	1,030
510	85	764	-158	606	184	59	19	-348	1,368	1,020
520	85	758	-152	606	196	48	20	-401	1,421	1,020
530								-397	1,377	980

DATE	HENRYS LAKE CONTENTS ACRE-FOET	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	STORED DIVERSIONS ABOVE ISLAND PARK	FM DIST SHERIDA CREEK RIGHT
		STORED	NORMAL	TOTAL			
AUG 18		174	30	204	7	10	12
19		172	30	202	7	10	12
20		169	30	199	7	10	12
21		167	30	197	7	15	12
22		163	30	193	7	15	12
23		159	30	189	6	15	12
24	69,300	157	30	187	6	15	12
25		155	30	185	6	15	12
26		146	35	181	6	15	12
27		144	35	179	6	15	12
28		142	35	177	6	15	12
29		140	35	175	6	15	12
30		136	35	171	5	15	12
31		134	35	169	5	15	12
SEPT 1		132	35	167	5	10	12
2		132	35	167	5	10	12
3		130	35	165	5	10	12
4		128	35	163	5	10	12
5		124	35	159	5	10	12
6		122	35	157	5	10	12
7		118	35	153	5	10	12
8		116	35	151	5	5	12
9		112	35	147	4	5	12
10	65,100	109	35	144	4	5	12
11		102	40	142	4	5	12
12		94	40	134	4	5	12
13		67	40	107	3		12
14		67	40	107	3		12
15		66	40	106	3		12
16		61	45	106	2		12
17		61	45	106	2		12
18		61	45	106	2		12
19		61	45	106	2		12
20		61	45	106	2		12
21		56	50	106	2		12
22		56	50	106	2		12
23		56	50	106	2		12
24	64,100	13	50	63	0		12
TOTAL		8,440				331	985

W 1963

AL	STORIED LOSS	STORIED DIVERSIONS	FM. DIST. SHERIDAN	STORIED INFLOW TO	DATE	ISLAND PARK RESERVOIR CONTENTS ACRE-Feet	HENRYS FORK NEAR ISLAND PARK			ISLAND PARK TO ASHTON		DATE	HENRYS FORK NEAR ASHTON			GRASSY LAKE	STORIED DIVERSIONS	HENRYS FORK AT ST. ANTHONY		
	LAKE TO ISLAND PARK	ABOVE ISLAND PARK	CREEK RIGHT	ISLAND PARK RESERVOIR			STORIED	NORMAL	TOTAL	STORIED LOSS	STORIED DIVERSIONS		STORIED	NORMAL	TOTAL	STORAGE RELEASE	ASHTON TO ST. ANTHONY	STORIED	NORMAL	TOTAL
4	7	10	12	169	AUG 19	43,460	570	480	1,050	14	5	AUG 20	551	1,259	1,810	55	733	127	1,041	914
2	7	10	12	167	20	44,660	570	480	1,050	14	5	21	551	1,329	1,880	55	764	158	1,120	962
9	7	10	12	164	21	43,800	570	470	1,040	14	5	22	551	1,239	1,790	55	704	98	1,048	950
7	7	15	12	157	22	42,980	570	460	1,100	16	5	23	619	1,301	1,920	55	702	28	1,048	1,020
3	7	15	12	153	23	42,020	640	460	1,130	17	5	24	648	1,292	1,940	55	687	16	1,004	1,020
9	6	15	12	150	24	41,050	670	460	1,130	18	5	25	639	1,321	1,960	55	665	29	1,001	1,035
7	6	15	12	148	25	40,070	660	470	1,120	16	5	26	629	1,271	1,900	55	683	21	1,009	1,030
5	6	15	12	146	26	39,080	650	480	1,130	16	5	27	629	1,311	1,940	55	650	34	976	1,010
1	6	15	12	137	27	38,130	640	480	1,120	18	5	28	619	1,321	1,940	50	680	11	973	962
9	6	15	12	135	28	37,200	630	490	1,120	16	5	29	609	1,351	1,960	40	697	48	1,010	962
7	6	15	12	133	29	36,200	630	490	1,110	16	5	30	599	1,361	1,960	21	672	52	1,014	982
5	6	15	12	131	30	35,340	620	490	1,110	15	5	31	590	1,470	2,060	12	662	60	1,090	1,030
3	5	15	12	128	31	34,400	610	500	1,110	14	5	SEPT 1	531	1,449	1,980	12	525	18	1,192	1,120
1	5	15	12	126	SEPT 1	33,840	550	500	1,050	12	3	2	485	1,435	1,920	12	514	17	1,217	1,200
9	5	10	12	129	2	33,300	500	500	1,000	10	3	3	401	1,298	1,700		479	78	1,168	1,090
7	5	10	12	129	3	33,000	414	500	914	7	3	4	276	1,354	1,630		319	43	1,073	1,030
5	5	10	12	127	4	32,740	286	550	836	7	3	5	254	1,346	1,600		321	57	1,067	1,000
3	5	10	12	125	5	32,420	264	560	824	7	3	6	235	1,415	1,650		326	91	1,121	1,030
1	5	10	12	121	6	32,080	244	580	824	6	3	7	174	1,348	1,520		333	159	1,085	920
9	5	10	12	119	7	31,990	182	580	762	5	3	8	126	1,434	1,560		296	170	1,168	990
7	5	10	12	115	8	31,960	132	580	712	3	3	9	126	1,404	1,530		306	180	1,166	980
5	5	5	12	118	9	31,940	132	580	712	3	2	10	127	1,393	1,520		292	165	1,127	960
3	4	5	12	115	10	31,870	132	580	712	3		11	129	1,371	1,500		272	143	1,063	920
1	4	5	12	112	11	31,700	126	580	706	3		12	123	1,347	1,470		265	142	1,066	920
9	4	5	12	105	12	31,680	36	580	616	1		13	35	1,365	1,400		380	345	1,247	900
7	4	5	12	97	13	31,600	36	580	616	1		14	35	1,445	1,480		389	354	1,464	1,110
5	3		12	76	14	31,660	36	580	616	1		15	35	1,415	1,450		316	281	1,351	1,010
3	3		12	76	15	31,700	36	580	616	1		16	35	1,365	1,400		186	151	1,201	1,010
1	3		12	75	16	31,750	0	579	579	0		17	0	1,390	1,390		181	181	1,261	1,010
9	2		12	71	17	31,940	44	580	536	-1		18	-43	1,363	1,320		179	222	1,332	1,010
7	2		12	71	18	32,080	-44	580	536	-1		19	-43	1,383	1,340		182	225	1,395	1,010
5	2		12	71	19	32,260	-44	580	536	-1		20	-43	1,343	1,300		155	198	1,338	1,010
3	2		12	71	20	32,420	-44	580	536	-1		21	-43	1,373	1,330		93	136	1,338	1,010
1	2		12	71	21	32,660	-64	600	536	-2		22	-62	1,392	1,330		93	155	1,355	1,010
9	2		12	66	22	32,880	-68	610	542	-2		23	-66	1,428	1,360		75	141	1,341	1,010
7	2			54	23	33,130	-58	600	542	-1		24	-57	1,417	1,360			-57	1,327	1,010
5	2			54	24	33,560	-58	600	542	-1		25	-57	1,377	1,320			-57	1,227	1,010
3	0			13	25	33,790														
							58,970			1,474	350		57,146			4,482	51,296	10,332		
							331	985	960	8,084										

(1) LISTED HERE ONE DAY LATER THAN AT RESERVOIR

STORAGE DIVERSIO

NAME OF CANAL	NO.													J U L Y																				
		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	
USERS ABOVE ISLAND PARK DAM	1		0	0	5	5																												
MISC. ISLAND PARK TO ASHTON	2		5	5	5	5	10	10	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
MISC. ASHTON TO ST. ANTHONY	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	
USERS ON FALL RIVER	4		2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
CONANT CREEK CANAL	5																																	
NOON CREEK CANAL	6						16	14	14	14	14	14	14	14	14	15	15	15	15	15	16	16	16	16	20	20	20	20	20	20	19	19	18	
SQUIREL CREEK CANAL	7								6	6	6	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	
YELLOWSTONE	8								17	16	17	17	18	14	14	14	13	15	15	15	15	13	14	14	14	14	14	14	12	11	14	13	13	
MARYSVILLE	9								16	14	18	20	20	22	21	20	17	18	21	20	23	22	21	21	20	24	21	21	23	23	22	22	2	
FARMERS OWN	10								247	245	238	245	246	249	241	244	248	246	246	246	246	246	252	248	242	235	235	219	227	224	224	230	229	
ALMY	11								72	72	76	77	73	73	74	74	74	75	75	76	81	78	82	82	83	83	83	83	82	82	83	82	83	
ENTERPRISE	12		120	123	154	153	171	170	158	193	192	191	184	188	181	179	181	184	170	171	171	172	160	161	161	163	163	163	161	83	143	139		
BELL	13								2	2	3	3	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	2	1	1	0	
FALL RIVER CANAL	14			12	7	5	10	14	44	42	50	44	61	64	52	36	36	27	34	44	0	30	62	53	42	45	54	46	49	58	44	52		
CHESTER	15								3	2	2	3	4	17	6	5	5	6	25	14	17	19	29	28	28	32	22	22	27	25	25	23		
SILKEY	16											0	1	2	1	0			0	1	3	2	0				0	8	3	11	8	0		
CUR	17																																	
DEWEY	18					28	29	29	29	30	30	30	30	30	30	30	30	29	30	30	29	27	26	26	26	26	26	26	26	26	26	26		
LAST CHANCE	19					0	68	60	59	59	58	58	58	58	58	65	65	66	66	66	66	67	67	68	68	63	65	65	65	65	65	64		
ST. ANTHONY UNION	20																																	
FARMERS FRIEND	21						101	103	67	68	70	68	113	140	84	68	95	93	94	103	106	95	91	90	90	92	90	81	74	85	64	84		
TWIN GROVES	22																		0	4	4	0			142	145	135	64	57	51	89	83		
SALEM UNION	23		0	4	0																0	11	0											
TOTAL ASHTON TO ST. ANTHONY	24		124	143	166	163	331	335	746	771	781	784	837	887	791	758	794	768	806	821	803	808	832	817	969	982	951	870	845	1010	1139	1144		
EGIN	25	18	10	0					0	8	26	18	47	0				0	228	242	270	243	244	264	236	240	240	193	238	218	206	181		
INDEPENDENT	26																																	
CONSOLIDATED FARMERS	27		45	43	1	13	2	65	74	10	7	0	58	154	107	103	72	38	40	40	42	44	44	48	118	112	112	119	123	172	166	16		
BORSEN	28																																	
TOTAL ST. ANTHONY TO REXBURG	29	18	55	43	1	13	2	65	74	18	113	94	168	154	107	329	314	308	283	285	307	281	285	289	310	350	330	325	305	347	414	4		

FROM PALISADES WATER USERS

(1) FROM PALISADES WATER USERS

(2) RENTED FROM WATER DISTRICT 36

(3) INCLUDES WATER PUMPED FROM CONANT CREEK

1963

PLATE NO 22

PLATE NO 22

SEPTEMBER																									
7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15											

RESERVOIR ALLOTMENTS IN ACRE-FEET				
PREMONT MADISON	HENRY'S LAKE	OTHER RIGHTS	RENTALS	TOTAL

1	985	1,954							
2	350	694	1,410						
3	150	298	786	(1) 1,470	(2) 40	2,920	2,947		
4	300	595	740			786	786		
5	950	1,884	1,545					313	305
6	230	456	170						
7	(3) 515	1,021	240			(4) 390	1,935	1,887	
8	1,093	2,188	1,756	(5) 768		(4) 300	470	458	
9	10,802	21,029	20,026			(4) 590	2,446	2,385	
10	3,874	7,684	7,961			(4) 1,540	21,585	21,027	
11	123	244	80			(4) 100	8,061	7,839	
12	11,869	23,542	10,028	(6) 16,071		(4) 170	250	244	
13	64	127	140				26,099	24,843	
14	1,516	3,007	8,079	(8) 3,070			140	138	
15	780	1,547	1,527			(4) 80	5,009	4,884	
16	77	153	51				1,587	1,547	
17	26	52	50				81	488	
18	1,656	3,285	619			(4) 1,680	50	49	
19	3,492	6,928	1,860				3,414	3,285	
20	1,575	3,124	3,453				12,850	12,101	
21	4,089	8,110	5,548	(7) 2,770			8,789	8,358	
22	3,103	6,155	5,759			(4) 500	8,318	8,110	
23	5,212	10,338	7,739				6,309	6,151	
24	51,298	101,745	77,931				28,980	25,527	
25	332	659	2,446				16,537	5,480	
26	9,732	19,303	9,270				136,809	131,377	
27	5,268	10,449	5,161				7,778	7,376	
28	14	28	28				30,815	29,017	
29	15,346	30,439	16,905				21,166	20,013	
30							28	27	
31									

T-MA

LAKE 800 TO WILFORD

F. A

CANAL	NO	JULY																																
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	
TRAIL CREEK IRRIGATION CO.	1																																	
STRINGS CANAL	2						15	15	15	83	79	79	74	81	74	71	64	61	54	51	63	62	61	60	60	57	55	52	46	51	50	82	9	
TETON CREEK CANALS	3						13	13	15	15	15	15	15	16	14	14	10	10	10	6	9	8	8	4	4	4	4	0	26	26	25	25	3	
SOUTH LEIGH CANALS	4																																	
NORTH LEIGH CANALS	5									38	36	34	30	24	24	21	21	2	2	2	2	2	2	2	1	1								
SPRING CREEK CANALS	6									27	23	23	23	8	8	8																		
HORSESHOE, SWAMPS, MISC.	7							2	2	2	3	3	3	2	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	1	1	1	2	2
TOTAL IN TETON BASIN	8						30	30	32	171	161	159	150	136	128	122	104	82	75	68	79	77	74	71	70	77	69	53	79	84	83	86		
EQUIVALENT AT ST. ANTHONY (3)	9						18	18	20	105	99	98	92	84	79	75	64	50	46	42	49	47	46	44	43	47	42	33	49	52	51			
CANYON CREEK CANAL	10						25	25	22	22	22	20	20	20	19	18	18	16	16	14	13	13	16	13	13	12	13	13	13	13	13	13	3	
TOTAL ABOVE ST. ANTHONY GAGE	11						25	43	40	42	127	119	118	112	103	97	93	80	66	60	55	62	63	59	57	55	60	55	46	62	65	64		
CROSS CUT INFLOW	12	164	172	170	149	147	156	258	222	208	220	232	250	285	298	298	297	298	304	302	306	312	288	285	301	316	314	290	290	295	23			
TETON RIVER BELOW DIVERSIONS	13										30											34	34	30	53	46	27	29	30	36	36	4		
SIDDOWAY	14																									1	0	0	1	2	0			
TETON IRRIGATION	15				5	43	0	3	2	60	14	18	0	7	10	0		0	34	34	29	44	3	0	0	5	8	0	0	1	0			
WILFORD	16				6	3	0	0		0	0	37	36	39	46	60	52	53	52	36	39	40	61	52	46	55	58	58	53	55	59			
GOOD LUCK	17								0	4	3	0	0	0	3	3	12	2	2	2	16	16	20	19	3	4	1	1	2	1	1			
PIONEER	18					5	3	2	10	9	15	7	8	8	6	10	1	5	3	5	4	3	6	3	3	3	0	0	2	2	0			
STEWART	19						0	9	0	7	2	2	1	0	0	1	11	13	0	1	4	1	1	4	1	2	1	0		0				
PINCOCK - BYINGTON	20							9	7	9	9	9	8	10	9	9	10	8	8	7	4	7	8	8	2	1	9	10	5	5				
PINCOCK - GARNER	21		2	6	5	3	2	1	0	0	7	7	7	6	4	4	4	4	4	4	4	4	7	6	7	4	7	7	8	8	7			
TETON ISLAND FEEDER	22	13	0	0				0	45	41	13	33	50	41	31	17	11	7	13	17	43	41	127	25	45	21	31	31	13					
GARNER	23			6	5	5	4	4	6	5	2	2	2	0	2	2	1	0			0	3	3	3	3	0	0	3	3	0				
FAMES - THOMPSON	24			3	3	3	0	3	3	3	3	0	0	3	3	0					0	3	18	9	8	10	9	18	17	19	16			
ROXANA	25				3	0		0	3	2	2	0	2	6	0		0	3	2	3	18	9	8	10	9	18	17	19	16					
BIGLER	26					3	3	3	3	3	0		0	2	1	1	1	1	1	1	1	1	1	0										
WOOHANSEE - JOHNSON	27								10	0	9	2	0	10	3	7	5	6	9	9	8	5	1	0	0	22	25	25	25	25				
ISLAND WARD	28	19	37	30	10	10	33	25	30	27	5	3	13	30	33	19	16	19	15	15	13	14	2	0	0	14	10	12	12					
REXBURG IRRIGATION	29	35	109	96	91	78	75	95	95	109	91	75	75	118	88	61	32	38	23	31	59	45	79	75	36	54	50	61	57					
MC CORMICK - ROWE	30					2	1	1	1	1	4	4	6	6	4	4	3	2	5	4	2	0												
MISCELLANEOUS	31					2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	6	8	8	8			
TOTAL BELOW ST. ANTHONY GAGE	32	67	148	152	168	109	125	155	231	244	243	164	203	307	265	207	163	199	154	179	240	229	227	290	150	236	207	235	223					
TOTAL TETON RIVER	33	67	148	152	168	134	168	195	273	371	362	282	315	410	362	300	243	265	214	234	302	292	286	347	205	296	262	281	285					

SEPTEMBER																													
2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	NO.	SECOND FEET	TOTAL ACRE FEET	RESERVOIR ALLOTMENT - ACRE-Feet			
																							FREMONT MADISON	OTHER RIGHTS	RENTALS	TOTAL	HEADGATE EQUIVALENT		
49																							1	2,687	5,330	3,213	(2)		
25																							2	663	1,315	1,808		850	
																							3	19	38	884	(2)	- 850	
																							4	244	484	884			4,062
																							5	120	238	176			1,808
																							6	238	472	344			34
																							7	130	258	173	(1)		884
																							8	4,101	8,135	7,082		40 (4)	975
																							9	2,523	5,004			40	176
																							10	765	1,517				344
																							11	3,288	6,521				256
																							12	13,569				40	176
																							13						344
																							14	16	32				492
																							15	330	655				278
																							16	1,428	2,832				398
																							17	166	329				10,278
																							18	159	315				
																							19	255	506				
																							20	219	434				
																							21	175	347				
																							22	995	1,974				
																							23	82	103				
																							24	66	131				
																							25	211	419				
																							26	62	123				
																							27	499	980				
																							28	699	1,386				
																							29	2,229	4,421				
																							30	50	99				
																							31	296	587				
																							32	7,907	15,683				
																							33	11,195	22,204				

RESERVOIR ALLOTMENT - ACRE-Feet			
FREMONT MADISON	OTHER RIGHTS	RENTALS	TOTAL
3,213	(2)		
1,808		850	
884	(2)	- 850	
884			4,062
176			1,808
344			34
173	(1)		884
			176
	40 (4)	65	344
			278
	40	65	7,187
			10,278
			</

(5) RENTED FROM FALL RIVER CANAL
 (6) TRANSFER FROM TETON ISLAND FEEDER
 TO PINCOCK BYINGTON

AY LATER

PLATE NO 23A

[illegible][illegible]

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	0	0	208	204	229	224	258	292	421	428	428	428	445	497	508	517	502	508	511	528	531	333	537	538	523	550	562	518	530	541	550	12,850
INFLOW FROM FALL RIVER CANAL	182	176	179	164	124	96	81	70	45	42	37	37	38	30	30	30	32	31	22	22	21	12	15	10	15	14	10	12	12	12	7	1,606
NORTH BRANCH DIVERSION	94	96	91	92	90	92	93	96	98	98	99	103	99	103	102	101	97	99	94	94	96	16	105	112	115	115	115	115	113	113	115	3,061
MIDDLE BRANCH DIVERSION	115	120	99	91	83	77	87	95	81	104	114	120	113	115	114	107	103	102	107	110	114	11	105	108	103	95	91	101	95	102	104	3,088
BELOW FALL RIVER CANAL DIVERSIONS	0	0	197	185	180	151	160	171	287	268	252	242	269	309	322	339	334	338	332	346	342	318	342	328	320	354	366	314	334	338	338	8,376
CROSS CUT AT END	0	0	164	172	170	149	147	156	258	222	208	220	232	250	285	298	298	297	298	304	302	306	312	288	285	301	316	314	290	290	295	7,427

[illegible][illegible]

UPPER TETON RIVER

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

0	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
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[illegible]

RECORDS - 1963

J U N E

24 HOUR SECOND - FEET

JULY

The image shows an open vintage calendar with a grid layout. The left page displays the months of July, August, and September. The right page displays the months of October, November, and December. The grid contains numbers, likely representing days of the month, and some handwritten notes or markings. The paper is aged and slightly discolored.

[illegible]

DO NOT
ON
WALL

MEAN

1000-0000

[illegible][illegible]

1-800-972-5211 2025 RELEASE UNDER E.O. 14176

五五五

NEW DAY

A 600-8000

837,430

Plate No. 26

[illegible]

SHAKE RIVER ABOVE RESERVOIR near ALPINE, WYOMING

U. S. GEOLOGICAL SURVEY WATER RESOURCES DIVISION

Year
1900-1909

Mean

2,831,820

3,912

Plate No. 27

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	Mean	
Area	133,600	102,500	89,400	71,440	80,910	73,470	95,600	375,300	914,400	426,700	284,600	183,900
Mean	2,174	1,722	1,454	1,162	1,457	1,195	1,607	6,103	15,370	6,939	4,629	3,091

1	1.440	1.970	1.500	1.400	1.700	1.200	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190	1.060	1.430	1.690	1.520	1.400	1.690	1.530	1.400	1.660	1.190
---	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

GREYS RIVER ABOVE RESERVOIR near ALPINE, WYOMING

U. S. DEPARTMENT OF AGRICULTURE BUREAU OF WEATHER

YEAR
-
PERIOD
MEAN
ACROSS-SECTION
394, 190

Plate No. 28

YEAR	19, 120	15, 580	11, 470	9, 970	16, 250	14, 750	19, 830	99, 880	99, 030	43, 390	24, 180	20, 230
MEAN	311	262	187	162	293	240	333	1, 624	1, 664	706	393	348

YEAR	19, 120	15, 580	11, 470	9, 970	16, 250	14, 750	19, 830	99, 880	99, 030	43, 390	24, 180	20, 230
1	336	279	254	180	600	230	310	580	2, 180	1, 050	444	348
2	328	279	254	180	550	230	280	605	2, 140	1, 050	434	348
3	324	276	245	185	600	230	270	918	2, 110	1, 020	434	348
4	339	279	210	180	500	225	275	972	1, 960	982	429	348
5	362	282	200	180	400	220	300	1, 210	1, 750	942	419	348
6	332	260	190	170	335	220	340	1, 430	1, 650	895	424	348
7	336	260	180	170	300	215	370	1, 430	1, 550	888	460	348
8	328	270	180	175	275	215	330	1, 770	1, 550	858	497	348
9	321	276	180	165	250	215	317	1, 530	1, 570	828	486	348
10	317	257	180	150	240	215	300	1, 510	1, 620	793	444	348
11	314	266	175	140	230	215	290	1, 280	1, 650	746	429	348
12	310	260	170	145	225	215	310	1, 120	1, 730	720	424	348
13	317	266	170	150	220	215	325	1, 200	1, 930	700	401	348
14	324	270	180	160	220	215	340	1, 340	2, 070	676	396	348
15	314	254	180	160	220	215	335	1, 490	1, 810	646	383	348
16	306	266	180	160	220	215	330	1, 680	1, 740	624	378	348
17	306	266	185	160	220	215	320	1, 790	1, 700	612	374	348
18	306	257	180	140	210	215	320	1, 950	1, 700	596	370	348
19	306	239	180	140	230	220	320	1, 970	1, 690	585	362	348
20	303	276	170	160	260	230	330	1, 990	1, 840	568	358	348
21	299	266	170	160	250	250	320	2, 030	1, 660	558	358	348
22	296	251	165	160	250	280	320	2, 080	1, 460	546	358	348
23	292	239	160	160	245	300	320	2, 260	1, 430	530	350	348
24	289	251	155	155	240	260	325	2, 310	1, 300	514	346	348
25	289	289	165	150	240	245	340	2, 300	1, 240	508	342	348
26	289	257	170	140	235	255	430	2, 250	1, 240	497	355	348
27	289	260	170	150	235	290	430	2, 140	1, 240	486	331	348
28	289	242	170	150	230	290	430	2, 140	1, 240	480	328	348
29	286	248	180	160	---	330	420	2, 240	1, 200	470	328	348
30	282	233	180	170	---	310	480	2, 130	1, 090	460	346	348
31	279	---	180	180	---	300	---	2, 130	---	---	---	---

CHINA, 1950-1959, 1960-1969, 1970-1979, 1980-1989, 1990-1999, 2000-2009, 2010-2019, 2020-2029, 2030-2039, 2040-2049, 2050-2059, 2060-2069, 2070-2079, 2080-2089, 2090-2099, 2100-2109, 2110-2119, 2120-2129, 2130-2139, 2140-2149, 2150-2159, 2160-2169, 2170-2179, 2180-2189, 2190-2199, 2200-2209, 2210-2219, 2220-2229, 2230-2239, 2240-2249, 2250-2259, 2260-2269, 2270-2279, 2280-2289, 2290-2299, 2300-2309, 2310-2319, 2320-2329, 2330-2339, 2340-2349, 2350-2359, 2360-2369, 2370-2379, 2380-2389, 2390-2399, 2400-2409, 2410-2419, 2420-2429, 2430-2439, 2440-2449, 2450-2459, 2460-2469, 2470-2479, 2480-2489, 2490-2499, 2500-2509, 2510-2519, 2520-2529, 2530-2539, 2540-2549, 2550-2559, 2560-2569, 2570-2579, 2580-2589, 2590-2599, 2600-2609, 2610-2619, 2620-2629, 2630-2639, 2640-2649, 2650-2659, 2660-2669, 2670-2679, 2680-2689, 2690-2699, 2700-2709, 2710-2719, 2720-2729, 2730-2739, 2740-2749, 2750-2759, 2760-2769, 2770-2779, 2780-2789, 2790-2799, 2800-2809, 2810-2819, 2820-2829, 2830-2839, 2840-2849, 2850-2859, 2860-2869, 2870-2879, 2880-2889, 2890-2899, 2900-2909, 2910-2919, 2920-2929, 2930-2939, 2940-2949, 2950-2959, 2960-2969, 2970-2979, 2980-2989, 2990-2999, 3000-3009, 3010-3019, 3020-3029, 3030-3039, 3040-3049, 3050-3059, 3060-3069, 3070-3079, 3080-3089, 3090-3099, 3100-3109, 3110-3119, 3120-3129, 3130-3139, 3140-3149, 3150-3159, 3160-3169, 3170-3179, 3180-3189, 3190-3199, 3200-3209, 3210-3219, 3220-3229, 3230-3239, 3240-3249, 3250-3259, 3260-3269, 3270-3279, 3280-3289, 3290-3299, 3300-3309, 3310-3319, 3320-3329, 3330-3339, 3340-3349, 3350-3359, 3360-3369, 3370-3379, 3380-3389, 3390-3399, 3400-3409, 3410-3419, 3420-3429, 3430-3439, 3440-3449, 3450-3459, 3460-3469, 3470-3479, 3480-3489, 3490-3499, 3500-3509, 3510-3519, 3520-3529, 3530-3539, 3540-3549, 3550-3559, 3560-3569, 3570-3579, 3580-3589, 3590-3599, 3600-3609, 3610-3619, 3620-3629, 3630-3639, 3640-3649, 3650-3659, 3660-3669, 3670-3679, 3680-3689, 3690-3699, 3700-3709, 3710-3719, 3720-3729, 3730-3739, 3740-3749, 3750-3759, 3760-3769, 3770-3779, 3780-3789, 3790-3799, 3800-3809, 3810-3819, 3820-3829, 3830-3839, 3840-3849, 3850-3859, 3860-3869, 3870-3879, 3880-3889, 3890-3899, 3900-3909, 3910-3919, 3920-3929, 3930-3939, 3940-3949, 3950-3959, 3960-3969, 3970-3979, 3980-3989, 3990-3999, 4000-4009, 4010-4019, 4020-4029, 4030-4039, 4040-4049, 4050-4059, 4060-4069, 4070-4079, 4080-4089, 4090-4099, 4100-4109, 4110-4119, 4120-4129, 4130-4139, 4140-4149, 4150-4159, 4160-4169, 4170-4179, 4180-4189, 4190-4199, 4200-4209, 4210-4219, 4220-4229, 4230-4239, 4240-4249, 4250-4259, 4260-4269, 4270-4279, 4280-4289, 4290-4299, 4300-4309, 4310-4319, 4320-4329, 4330-4339, 4340-4349, 4350-4359, 4360-4369, 4370-4379, 4380-4389, 4390-4399, 4400-4409, 4410-4419, 4420-4429, 4430-4439, 4440-4449, 4450-4459, 4460-4469, 4470-4479, 4480-4489, 4490-4499, 4500-4509, 4510-4519, 4520-4529, 4530-4539, 4540-4549, 4550-4559, 4560-4569, 4570-4579, 4580-4589, 4590-4599, 4600-4609, 4610-4619, 4620-4629, 4630-4639, 4640-4649, 4650-4659, 4660-4669, 4670-4679, 4680-4689, 4690-4699, 4700-4709, 4710-4719, 4720-4729, 4730-4739, 4740-4749, 4750-4759, 4760-4769, 4770-4779, 4780-4789, 4790-4799, 4800-4809, 4810-4819, 4820-4829, 4830-4839, 4840-4849, 4850-4859, 4860-4869, 4870-4879, 4880-4889, 4890-4899, 4900-4909, 4910-4919, 4920-4929, 4930-4939, 4940-4949, 4950-4959, 4960-4969, 4970-4979, 4980-4989, 4990-4999, 5000-5009, 5010-5019, 5020-5029, 5030-5039, 5040-5049, 5050-5059, 5060-5069, 5070-5079, 5080-5089, 5090-5099, 5100-5109, 5110-5119, 5120-5129, 5130-5139, 5140-5149, 5150-5159, 5160-5169, 5170-5179, 5180-5189, 5190-5199, 5200-5209, 5210-5219, 5220-5229, 5230-5239, 5240-5249, 5250-5259, 5260-5269, 5270-5279, 5280-5289, 5290-5299, 5300-5309, 5310-5319, 5320-5329, 5330-5339, 5340-5349, 5350-5359, 5360-5369, 5370-5379, 5380-5389, 5390-5399, 5400-5409, 5410-5419, 5420-5429, 5430-5439, 5440-5449, 5450-5459, 5460-5469, 5470-5479, 5480-5489, 5490-5499, 5500-5509, 5510-5519, 5520-5529, 5530-5539, 5540-5549, 5550-5559, 5560-5569, 5570-5579, 5580-5589, 5590-5599, 5600-5609, 5610-5619, 5620-5629, 5630-5639, 5640-5649, 5650-5659, 5660-5669

U.S. GOVERNMENT PRINTING OFFICE: 1967 O - 380-000

101701
 101702
 101703

MAYN

YOUNG

482,420

Plate No. 29

Year	Mean	482,420
38,930	633	598
35,570	519	384
31,910	702	541
23,610	33,270	38,420
	72,440	60,950
	1,178	1,024
	590	36,290
	521	32,030
	672	39,990

Plate No. 29

[illegible]

[illegible]

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, 26

YOUNG

DEC 67

1870

Year	Mean	Age-Tree	Age-Tree
1,630	26.5	1,350	22.8
1,230	20.0	1,130	18.5
1,200	21.5	1,560	25.3
3,470	58.2	17,040	277
10,990	185	4,910	79.9
2,680	43.5	2,160	36.3

Place No. 30

[illegible]

Phenol

NEW

A 0.15-0.18 mm

PLATE No. 31

[illegible]

945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501	1502	1503	1504	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515	1516	1517	1518	1519	1520	1521	1522	1523	1524	1525	1526	1527	1528	1529	1530	1531	1532	1533	1534	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544	1545	1546	1547	1548	1549	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559	1560	1561	1562	1563	1564	1565	1566	1567	1568	1569	1570	1571	1572	1573	1574	1575	1576	1577	1578	1579	1580	1581	1582	1583	1584	1585	1586	1587	1588	1589	1590	1591	1592	1593	1594	1595	1596	1597	1598	1599	1600	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614	1615	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638	1639	1640	1641	1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655	1656	1657	1658	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669	1670	1671	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683	1684	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697	1698	1699	1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714	1715	1716	1717	1718	1719	1720	1721	1722	1723	1724	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735	1736	1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	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
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

[Faint handwritten notes at bottom]

GOLDEN

MEAN

Yours Truly
6,073,550

PLATE NO. 32

Year	Mean	Accum. Temp	Plate No.
1964	2,680	164,800	326,500
1965	2,152	128,100	535,500
1966	2,032	124,900	8,709
1967	1,206	74,130	13,220
1968	964	53,540	18,380
1969	991	60,910	10,380
1970	1,011	60,170	1,094,000
1971	638,000	5,626	813,000
1972	6,073,550		5,487

[illegible]

SHAR RIVER NEAR BRISTOL, IDAHO

U. S. DEPARTMENT OF AGRICULTURE

YEAR
1910

MEAN
4,459,890

PLATE NO. 33

Year	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	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

1-800-675-5555 123456 University Avenue B *

DECEMBER 1997

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, 26

41820

[illegible]

[illegible]

20

1450

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

4051A

35

[illegible]

ISLAND PARK RESERVOIR NEAR ISLAND PARK, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-50004-1

Year
or
Fusion

Mean

Acres-Front

PLATE No. 36

Year	Acres-Front	Mean	Year	Acres-Front	Mean

31	64,240	74,740	95,700	115,670	132,070	132,790	133,670	136,340	135,940	88,840	39,080	33,820	33,760	38,130	86,660	84,240	37,200	36,200	33,610	33,540
30	64,280	77,830	95,900	117,820	132,230	132,790	133,990	136,020	135,360	81,840	37,200	33,680	33,610	38,130	86,660	84,240	37,200	36,200	33,610	33,540
29	64,380	77,030	95,820	117,080	132,230	132,790	133,990	136,020	135,360	81,840	37,200	33,680	33,610	38,130	86,660	84,240	37,200	36,200	33,610	33,540
28	64,430	75,910	95,760	116,340	132,230	132,790	133,990	136,020	135,360	81,840	37,200	33,680	33,610	38,130	86,660	84,240	37,200	36,200	33,610	33,540
27	64,580	74,740	95,700	115,670	132,070	132,790	133,670	136,340	135,940	88,840	39,080	33,820	33,760	38,130	86,660	84,240	37,200	36,200	33,610	33,540
26	64,620	73,860	95,630	114,940	132,070	132,790	133,670	136,340	135,940	88,840	39,080	33,820	33,760	38,130	86,660	84,240	37,200	36,200	33,610	33,540
25	64,720	72,940	95,560	114,140	132,070	132,790	133,670	136,340	135,940	88,840	39,080	33,820	33,760	38,130	86,660	84,240	37,200	36,200	33,610	33,540
24	64,820	71,960	95,500	113,330	131,990	132,550	133,750	136,020	135,450	89,740	41,050	33,560	33,130	42,020	96,090	93,740	40,070	33,790	33,560	33,130
23	64,820	71,170	95,440	112,600	131,990	132,390	133,910	135,280	136,420	98,540	42,980	32,880	32,880	42,980	98,540	96,090	42,020	33,130	33,130	32,880
22	64,870	70,320	95,360	111,880	131,910	132,390	133,910	135,450	136,420	100,900	43,800	32,660	32,660	43,800	98,540	96,090	42,020	33,130	32,880	32,660
21	64,870	69,440	95,300	111,160	131,830	132,390	133,990	135,610	136,420	103,140	44,660	32,420	32,420	44,660	98,540	96,090	42,020	33,130	32,880	32,660
20	64,870	68,460	95,170	110,440	131,830	132,390	134,400	135,530	136,660	105,290	45,460	32,260	32,260	45,460	98,540	96,090	42,020	33,130	32,880	32,660
19	64,870	67,600	94,390	109,720	131,440	132,470	134,240	136,020	136,740	107,320	46,280	32,080	32,080	46,280	98,540	96,090	42,020	33,130	32,880	32,660
18	64,870	66,690	93,540	109,080	131,120	132,470	133,830	136,180	136,900	109,520	47,100	31,940	31,940	47,100	98,540	96,090	42,020	33,130	32,880	32,660
17	64,820	65,850	92,770	108,240	130,800	132,470	133,990	136,420	136,900	111,230	47,920	31,750	31,750	47,920	98,540	96,090	42,020	33,130	32,880	32,660
16	64,820	65,020	91,940	107,380	130,560	132,390	133,670	136,500	137,070	113,550	48,760	31,700	31,700	48,760	98,540	96,090	42,020	33,130	32,880	32,660
15	64,920	64,140	91,110	106,680	130,090	132,390	133,590	136,660	136,900	115,890	49,540	31,660	31,660	49,540	98,540	96,090	42,020	33,130	32,880	32,660
14	64,770	64,140	90,350	105,980	129,620	132,390	133,510	137,150	137,070	118,120	50,540	31,600	31,600	50,540	98,540	96,090	42,020	33,130	32,880	32,660
13	64,770	64,140	89,530	105,290	129,060	132,390	133,590	137,400	137,150	120,220	51,780	31,680	31,680	51,780	98,540	96,090	42,020	33,130	32,880	32,660
12	64,770	64,040	88,720	104,600	128,200	132,310	133,750	137,560	137,070	122,340	53,530	31,700	31,700	53,530	98,540	96,090	42,020	33,130	32,880	32,660
11	64,770	63,950	87,840	103,840	127,660	132,390	133,750	137,720	136,580	124,480	55,260	31,870	31,870	55,260	98,540	96,090	42,020	33,130	32,880	32,660
10	64,960	63,860	86,980	103,080	127,110	132,310	133,830	137,640	136,420	126,800	57,160	31,940	31,940	57,160	98,540	96,090	42,020	33,130	32,880	32,660
9	64,770	63,860	86,120	102,320	126,180	132,390	133,830	137,640	136,260	128,910	59,320	31,960	31,960	59,320	98,540	96,090	42,020	33,130	32,880	32,660
8	64,820	63,860	85,200	101,500	125,630	132,470	133,670	138,050	136,180	130,090	61,640	31,990	31,990	61,640	98,540	96,090	42,020	33,130	32,880	32,660
7	64,870	63,950	84,360	100,690	124,700	132,310	133,430	137,800	136,180	132,710	63,900	32,080	32,080	63,900	98,540	96,090	42,020	33,130	32,880	32,660
6	64,920	64,040	83,510	99,880	124,160	132,310	133,110	136,820	136,260	134,710	65,140	32,420	32,420	65,140	98,540	96,090	42,020	33,130	32,880	32,660
5	64,820	64,100	82,620	99,010	123,250	132,390	133,190	135,360	136,020	136,240	67,430	32,740	32,740	67,430	98,540	96,090	42,020	33,130	32,880	32,660
4	64,920	64,100	81,780	98,200	122,260	132,470	133,270	134,800	136,100	138,240	69,700	33,000	33,000	69,700	98,540	96,090	42,020	33,130	32,880	32,660
3	64,920	64,100	80,660	97,410	121,500	132,550	133,510	134,480	136,260	140,120	71,960	33,260	33,260	71,960	98,540	96,090	42,020	33,130	32,880	32,660
2	64,920	64,100	80,660	97,410	121,500	132,550	133,510	134,480	136,260	140,120	71,960	33,260	33,260	71,960	98,540	96,090	42,020	33,130	32,880	32,660
1	64,920	64,100	80,660	97,410	121,500	132,550	133,510	134,480	136,260	140,120	71,960	33,260	33,260	71,960	98,540	96,090	42,020	33,130	32,880	32,660

1-54229-15 2015-07-20 09:00:00 1/1

CONCLUSIONS

Yours truly,

616 9E7

1872

1. *Suppose* W is a d -dimensional subspace of $\mathbb{R}^n$. Let $W^\perp$ be the orthogonal complement of W . Let $W_1, \dots, W_k$ be subspaces of W such that $W = W_1 \oplus \dots \oplus W_k$. Let $W_1^\perp, \dots, W_k^\perp$ be the orthogonal complements of $W_1, \dots, W_k$ in $W^\perp$. Let $W_1^\perp, \dots, W_k^\perp$ be the orthogonal complements of $W_1, \dots, W_k$ in $W^\perp$. Let $W_1^\perp, \dots, W_k^\perp$ be the orthogonal complements of $W_1, \dots, W_k$ in $W^\perp$.

219

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, 26

102701

Plate No. 30

[illegible]

1. 1990-1991 2. 1991-1992 3. 1992-1993 4. 1993-1994 5. 1994-1995 6. 1995-1996 7. 1996-1997 8. 1997-1998 9. 1998-1999 10. 1999-2000 11. 2000-2001 12. 2001-2002 13. 2002-2003 14. 2003-2004 15. 2004-2005 16. 2005-2006 17. 2006-2007 18. 2007-2008 19. 2008-2009 20. 2009-2010 21. 2010-2011 22. 2011-2012 23. 2012-2013 24. 2013-2014 25. 2014-2015 26. 2015-2016 27. 2016-2017 28. 2017-2018 29. 2018-2019 30. 2019-2020 31. 2020-2021 32. 2021-2022 33. 2022-2023 34. 2023-2024 35. 2024-2025 36. 2025-2026 37. 2026-2027 38. 2027-2028 39. 2028-2029 40. 2029-2030 41. 2030-2031 42. 2031-2032 43. 2032-2033 44. 2033-2034 45. 2034-2035 46. 2035-2036 47. 2036-2037 48. 2037-2038 49. 2038-2039 50. 2039-2040 51. 2040-2041 52. 2041-2042 53. 2042-2043 54. 2043-2044 55. 2044-2045 56. 2045-2046 57. 2046-2047 58. 2047-2048 59. 2048-2049 60. 2049-2050 61. 2050-2051 62. 2051-2052 63. 2052-2053 64. 2053-2054 65. 2054-2055 66. 2055-2056 67. 2056-2057 68. 2057-2058 69. 2058-2059 70. 2059-2060 71. 2060-2061 72. 2061-2062 73. 2062-2063 74. 2063-2064 75. 2064-2065 76. 2065-2066 77. 2066-2067 78. 2067-2068 79. 2068-2069 80. 2069-2070 81. 2070-2071 82. 2071-2072 83. 2072-2073 84. 2073-2074 85. 2074-2075 86. 2075-2076 87. 2076-2077 88. 2077-2078 89. 2078-2079 90. 2079-2080 91. 2080-2081 92. 2081-2082 93. 2082-2083 94. 2083-2084 95. 2084-2085 96. 2085-2086 97. 2086-2087 98. 2087-2088 99. 2088-2089 100. 2089-2090 101. 2090-2091 102. 2091-2092 103. 2092-2093 104. 2093-2094 105. 2094-2095 106. 2095-2096 107. 2096-2097 108. 2097-2098 109. 2098-2099 110. 2099-2100 111. 2100-2101 112. 2101-2102 113. 2102-2103 114. 2103-2104 115. 2104-2105 116. 2105-2106 117. 2106-2107 118. 2107-2108 119. 2108-2109 120. 2109-2110 121. 2110-2111 122. 2111-2112 123. 2112-2113 124. 2113-2114 125. 2114-2115 126. 2115-2116 127. 2116-2117 128. 2117-2118 129. 2118-2119 130. 2119-2120 131. 2120-2121 132. 2121-2122 133. 2122-2123 134. 2123-2124 135. 2124-2125 136. 2125-2126 137. 2126-2127 138. 2127-2128 139. 2128-2129 140. 2129-2130 141. 2130-2131 142. 2131-2132 143. 2132-2133 144. 2133-2134 145. 2134-2135 146. 2135-2136 147. 2136-2137 148. 2137-2138 149. 2138-2139 150. 2139-2140 151. 2140-2141 152. 2141-2142 153. 2142-2143 154. 2143-2144 155. 2144-2145 156. 2145-2146 157. 2146-2147 158. 2147-2148 159. 2148-2149 160. 2149-2150 161. 2150-2151 162. 2151-2152 163. 2152-2153 164. 2153-2154 165. 2154-2155 166. 2155-2156 167. 2156-2157 168. 2157-2158 169. 2158-2159 170. 2159-2160 171. 2160-2161 172. 2161-2162 173. 2162-2163 174. 2163-2164 175. 2164-2165 176. 2165-2166 177. 2166-2167 178. 2167-2168 179. 2168-2169 180. 2169-2170 181. 2170-2171 182. 2171-2172 183. 2172-2173 184. 2173-2174 185. 2174-2175 186. 2175-2176 187. 2176-2177 188. 2177-2178 189. 2178-2179 190. 2179-2180 191. 2180-2181 192. 2181-2182 193. 2182-2183 194. 2183-2184 195. 2184-2185 196. 2185-2186 197. 2186-2187 198. 2187-2188 199. 2188-2189 200. 2189-2190 201. 2190-2191 202. 2191-2192 203. 2192-2193 204. 2193-2194 205. 2194-2195 206. 2195-2196 207. 2196-2197 208. 2197-2198 209. 2198-2199 210. 2199-2200 211. 2200-2201 212. 2201-2202 213. 2202-2203 214. 2203-2204 215. 2204-2205 216. 2205-2206 217. 2206-2207 218. 2207-2208 219. 2208-2209 220. 2209-2210 221. 2210-2211 222. 2211-2212 223. 2212-2213 224. 2213-2214 225. 2214-2215 226. 2215-2216 227. 2216-2217 228. 2217-2218 229. 2218-2219 230. 2219-2220 231. 2220-2221 232. 2221-2222 233. 2222-2223 234. 2223-2224 235. 2224-2225 236. 2225-2226 237. 2226-2227 238. 2227-2228 239. 2228-2229 240. 2229-2230 241. 2230-2231 242. 2231-2232 243. 2232-2233 244. 2233-2234 245. 2234-2235 246. 2235-2236 247. 2236-2237 248. 2237-2238 249. 2238-2239 250. 2239-2240 251. 2240-2241 252. 2241-2242 253. 2242-2243 254. 2243-2244 255. 2244-2245 256. 2245-2246 257. 2246-2247 258. 2247-2248 259. 2248-2249 260. 2249-2250 261. 2250-2251 262. 2251-2252 263. 2252-2253 264. 2253-2254 265. 2254-2255 266. 2255-2256 267. 2256-2257 268. 2257-2258 269. 2258-2259 270. 2259-2260 271. 2260-2261 272. 2261-2262 273. 2262-2263 274. 2263-2264 275. 2264-2265 276. 2265-2266 277. 2266-2267 278. 2267-2268 279. 2268-2269 280. 2269-2270 28

Amid

NATHAN

YOUNG-REV.

Plate No. 39

[illegible]

ROBERT WALKER EQUINE CARE CENTER, IDAHO

Year 1973
 Mean 5.733
 Plate No. 40

Year	Mean	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	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	
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--

WILLIAMS BROS. SOUTHERN, IDAHO

Year 1952
 Month 12
 544,160
 Place No. 61

Year	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	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	54
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----

A cura di:

443,620

619

U.S. GOVERNMENT PRINTING OFFICE

СОММ.

ACQUA-RENT

077,7901

PLATE 10

LEIGH BLAIR VEGAS SOUTH FLICK CREEK NEAR BRIDGE, IDAHO

YEAH
NO-
DUNION

MEAN
AUGUST-1997

Mean	238,400	Age-Post
329		

PLATE NO. 44

528,910
726

[illegible]

1992

Y. G. Zhurav

Plate No. 46

1.300,780

1797

SAVER RIVER DEPT. SHREVEPORT, EDWARDS

Year	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	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

DAVID

09E 66

Plate No. 48

Year	Area	Yield
1970	6,950	113
1971	12,060	203
1972	3,730	60.6
1973	3,190	51.8
1974	14,600	263
1975	6,270	102
1976	5,380	90.4
1977	17,340	282
1978	19,520	328
1979	1,150	18.8
1980	5,600	91.0
1981	3,540	59.5

[illegible]

SHAKE RIVER NEAR BLANCKFORD, IDAHO

U. S. GOVERNMENT PRINTING OFFICE 16-50265-1

Year
1900-1909

Mean
Acres-Perct

3,746
2,711,900

Plate No. 49

Year	Mean	Acres-Perct	Year	Mean	Acres-Perct
1900	1.154	981	1910	8,933	549,300
1901	1,863	2,706	1911	2,031	120,900
1902	161,000	3,395	1912	2,387	146,800
1903	208,700	2,000	1913	3,199	177,700
1904	123,000	2,387	1914	2,387	146,800
1905	177,700	2,387	1915	2,387	146,800
1906	146,800	2,387	1916	2,387	146,800
1907	120,900	2,387	1917	2,387	146,800
1908	146,800	2,387	1918	2,387	146,800
1909	120,900	2,387	1919	2,387	146,800
1910	146,800	2,387	1920	2,387	146,800
1911	120,900	2,387	1921	2,387	146,800
1912	146,800	2,387	1922	2,387	146,800
1913	120,900	2,387	1923	2,387	146,800
1914	146,800	2,387	1924	2,387	146,800
1915	120,900	2,387	1925	2,387	146,800
1916	146,800	2,387	1926	2,387	146,800
1917	120,900	2,387	1927	2,387	146,800
1918	146,800	2,387	1928	2,387	146,800
1919	120,900	2,387	1929	2,387	146,800
1920	146,800	2,387	1930	2,387	146,800
1921	120,900	2,387	1931	2,387	146,800
1922	146,800	2,387	1932	2,387	146,800
1923	120,900	2,387	1933	2,387	146,800
1924	146,800	2,387	1934	2,387	146,800
1925	120,900	2,387	1935	2,387	146,800
1926	146,800	2,387	1936	2,387	146,800
1927	120,900	2,387	1937	2,387	146,800
1928	146,800	2,387	1938	2,387	146,800
1929	120,900	2,387	1939	2,387	146,800
1930	146,800	2,387	1940	2,387	146,800
1931	120,900	2,387	1941	2,387	146,800
1932	146,800	2,387	1942	2,387	146,800
1933	120,900	2,387	1943	2,387	146,800
1934	146,800	2,387	1944	2,387	146,800
1935	120,900	2,387	1945	2,387	146,800
1936	146,800	2,387	1946	2,387	146,800
1937	120,900	2,387	1947	2,387	146,800
1938	146,800	2,387	1948	2,387	146,800
1939	120,900	2,387	1949	2,387	146,800
1940	146,800	2,387	1950	2,387	146,800
1941	120,900	2,387	1951	2,387	146,800
1942	146,800	2,387	1952	2,387	146,800
1943	120,900	2,387	1953	2,387	146,800
1944	146,800	2,387	1954	2,387	146,800
1945	120,900	2,387	1955	2,387	146,800
1946	146,800	2,387	1956	2,387	146,800
1947	120,900	2,387	1957	2,387	146,800
1948	146,800	2,387	1958	2,387	146,800
1949	120,900	2,387	1959	2,387	146,800
1950	146,800	2,387	1960	2,387	146,800
1951	120,900	2,387	1961	2,387	146,800
1952	146,800	2,387	1962	2,387	146,800
1953	120,900	2,387	1963	2,387	146,800
1954	146,800	2,387	1964	2,387	146,800
1955	120,900	2,387	1965	2,387	146,800
1956	146,800	2,387	1966	2,387	146,800
1957	120,900	2,387	1967	2,387	146,800
1958	146,800	2,387	1968	2,387	146,800
1959	120,900	2,387	1969	2,387	146,800
1960	146,800	2,387	1970	2,387	146,800
1961	120,900	2,387	1971	2,387	146,800
1962	146,800	2,387	1972	2,387	146,800
1963	120,900	2,387	1973	2,387	146,800
1964	146,800	2,387	1974	2,387	146,800
1965	120,900	2,387	1975	2,387	146,800
1966	146,800	2,387	1976	2,387	146,800
1967	120,900	2,387	1977	2,387	146,800
1968	146,800	2,387	1978	2,387	146,800
1969	120,900	2,387	1979	2,387	146,800
1970	146,800	2,387	1980	2,387	146,800
1971	120,900	2,387	1981	2,387	146,800
1972	146,800	2,387	1982	2,387	146,800
1973	120,900	2,387	1983	2,387	146,800
1974	146,800	2,387	1984	2,387	146,800
1975	120,900	2,387	1985	2,387	146,800
1976	146,800	2,387	1986	2,387	146,800
1977	120,900	2,387	1987	2,387	146,800
1978	146,800	2,387	1988	2,387	146,800
1979	120,900	2,387	1989	2,387	146,800
1980	146,800	2,387	1990	2,387	146,800
1981	120,900	2,387	1991	2,387	146,800
1982	146,800	2,387	1992	2,387	146,800
1983	120,900	2,387	1993	2,387	146,800
1984	146,800	2,387	1994	2,387	146,800
1985	120,900	2,387	1995	2,387	146,800
1986	146,800	2,387	1996	2,387	146,800
1987	120,900	2,387	1997	2,387	146,800
1988	146,800	2,387	1998	2,387	146,800
1989	120,900	2,387	1999	2,387	146,800
1990	146,800	2,387	2000	2,387	146,800
1991	120,900	2,387	2001	2,387	146,800
1992	146,800	2,387	2002	2,387	146,800
1993	120,900	2,387	2003	2,387	146,800
1994	146,800	2,387	2004	2,387	146,800
1995	120,900	2,387	2005	2,387	146,800
1996	146,800	2,387	2006	2,387	146,800
1997	120,900	2,387	2007	2,387	146,800
1998	146,800	2,387	2008	2,387	146,800
1999	120,900	2,387	2009	2,387	146,800
2000	146,800	2,387	2010	2,387	146,800
2001	120,900	2,387	2011	2,387	146,800
2002	146,800	2,387	2012	2,387	146,800
2003	120,900	2,387	2013	2,387	146,800
2004	146,800	2,387	2014	2,387	146,800
2005	120,900	2,387	2015	2,387	146,800
2006	146,800	2,387	2016	2,387	146,800
2007	120,900	2,387	2017	2,387	146,800
2008	146,800	2,387	2018	2,387	146,800
2009	120,900	2,387	2019	2,387	146,800
2010	146,800	2,387	2020	2,387	146,800
2011	120,900	2,387	2021	2,387	146,800
2012	146,800	2,387	2022	2,387	146,800
2013	120,900	2,387	2023	2,387	146,800
2014	146,800	2,387	2024	2,387	146,800
2015	120,900	2,387	2025	2,387	146,800
2016	146,800	2,387	2026	2,387	146,800
2017	120,900	2,387	2027	2,387	146,800
2018	146,800	2,387	2028	2,387	146,800
2019	120,900	2,387	2029	2,387	146,800
2020	146,800	2,387	2030	2,387	146,800
2021	120,900	2,387	2031	2,387	146,800
2022	146,800	2,387	2032	2,387	146,800
2023	120,900	2,387	2033	2,387	146,800
2024	146,800	2,387	2034	2,387	146,800
2025	120,900	2,387	2035	2,387	146,800
2026	146,800	2,387	2036	2,387	146,800
2027	120,900	2,387	2037	2,387	146,800
2028	146,800	2,387	2038	2,387	146,800
2029	120,900	2,387	2039	2,387	146,800
2030	146,800	2,387	2040	2,387	146,800
2031	120,900	2,387	2041	2,387	146,800
2032	146,800	2,387	2042	2,387	146,800
2033	120,900	2,387	2043	2,387	146,800
2034	146,800	2,387	2044	2,387	146,800
2035	120,900	2,387	2045	2,387	146,800
2036	146,800	2,387	2046	2,387	146,800
2037	120,900	2,387	2047	2,387	146,800
2038	146,800	2,387	2048	2,387	146,800
2039	120,900	2,387	2049	2,387	146,800
2040	146,800	2,387	2050	2,387	146,800
2041	120,900	2,387	2051	2,387	146,800
2042	146,800	2,387	2052	2,387	146,800
2043	120,900	2,387	2053	2,387	146,800
2044	146,800	2,387	2054	2,387	146,800
2045	120,900	2,387	2055	2,387	146,800
2046	146,800	2,387	2056	2,387	146,800
2047	120,900	2,387	2057	2,387	146,800
2048	146,800	2,387	2058	2,387	146,800
2049	120,900	2,387	2059	2,387	146,800
2050	146,800	2,387	2060	2,387	146,800
2051	120,900	2,387	2061	2,387	146,800
2052	146,800	2,387	2062	2,387	146,800
2053	120,900	2,387	2063	2,387	146,800
2054	146,800	2,387	2064	2,387	146,800
2055	120,900	2,387	2065	2,387	146,800
2056	146,800	2,387	2066	2,387	146,800
2057	120,900	2,387	2067	2,387	146,800
2058	146,800	2,387	2068	2,387	146,800
2059	120,900	2,387	2069	2,387	146,800
2060	146,800	2,387	2070	2,387	146,800
2061	120,900	2,387	2071	2,387	146,800
2062	146,800	2,387	2072	2,387	146,800
2063	120,900	2,387	2073	2,387	146,800
2064	146,800	2,387	2074	2,387	146,800
2065	120,900	2,387	2075	2,387	146,800
2066	146,800	2,387	2076	2,387	146,800
2067	120,900	2,387	2077	2,387	146,800
2068	146,800	2,387	2078	2,387	146,800
2069	120,900	2,387	2079	2,387	146,800
2070	146,800	2,387	2080	2,387	146,800
2071	120,900	2,387	2081	2,387	146,800
2072	146,800	2,387	2082	2,387	146,800
2073	120,900	2,387	2083	2,387	146,800
2074	146,800	2,387	2084	2,387	146,800
2075	120,900	2,387	2085	2,387	146,800
2076	146,800	2,387	2086	2,387	146,800
2077	120,900	2,387	2087	2,387	146,800
2078	146,800	2,387	2088	2,387	146,800
2079	120,900	2,387	2089	2,387	146,800
2080	146,800	2,387	2090	2,387	146,800
2081	120,900	2,387	2091	2,387	146,800</

1-1010

А.О.Н.-В.Р.Н.Т.

166,991

Plate No. 50

[illegible][illegible]

1-800-955-7621 2000-2001 New Line Car Washes 5

——

ACORN-IPM

18,798

Plate No. 51

0.97

NAME _____

060⁴1

2,810'

111

5,010

2,570

957	1
-----	---

199

Q

0

Q

0

O

To

17.7

17.2

II

$$\overline{) 5.18}$$

43.2

[illegible]

L₀

ANALYSIS

A CUBAN-AMERICAN

FLYING

[illegible]

ΠΕΡΙΛΗΨΗ

Agnes West

[illegible]

NEW

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 391–397

Place No. 54

[illegible]

NORTH SIDE MINIDOKA CANAL, NEAR MINIDOKA, IDAHO

U. S. DEPARTMENT OF AGRICULTURE

Year
or
Period

Mean
Annual-Range

552
399,510

Place No. 55

Year	Mean	Place No.
19,720	321	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510
0	0	552
0	0	109,510

1320

MEAN

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

373,990

Oct 2

Plate No. 56

[illegible][illegible]

QJWLL

πν9λ

DUNN

AOM-1111

3,974,430

677, S

Plate No. 51

Year	Mean	Place No. 57
193,500	3,156	6,887
80,690	1,356	9,089
70,670	1,169	9,960
66,720	1,085	17,160
44,250	797	9,790
75,900	1,234	1,021,000
208,800	3,509	612,400
601,900	9,790	558,800
5,449		409,800

[illegible]

3-Grades 95 2024-25 Approved by the Board of Education 10

HOW TO

THEY ARE

NEW YORK, N.Y. (AP) —

AQUA-TEST

040'97

0.99

Plate No. 58

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	40	40	40	40	50	50	55	60	60	60	60
167	163	163	146	135	121	119	107	81	81	71	61	61	61	61	61	45	45	63	71	71	71	71	71	47	38	23	23	38	38	38
137	137	137	118	97	90	83	97	97	97	94	69	69	69	69	69	69	75	75	84	96	125	151	151	151	172	179	204	204	198	178
240	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	241	209	200	181
187	208	212	212	218	218	213	213	213	215	208	210	189	161	161	132	128	128	134	134	151	151	160	153	153	159	167	196	215	236	240
60	55	55	45	48	56	61	67	67	67	84	94	101	105	121	125	125	151	151	151	151	151	151	151	151	145	145	151	151	151	

—continued

MEAN

Plate No. 59

[illegible]

31	7.52	8.00	4.40	3.30	3.60	10.92	10.89	10.96	11.07	11.05	10.60
30	7.45	7.86	4.40	4.30	3.20	10.80	10.89	11.06	11.18	10.92	11.02
29	7.55	7.94	4.40	4.10	4.00	10.64	11.11	11.10	11.16	10.86	11.08
28	7.70	7.90	4.30	4.10	4.00	10.38	11.20	11.20	11.25	10.82	11.04
27	7.92	7.90	4.10	3.60	4.00	10.44	11.25	11.20	11.08	10.82	10.98
26	8.16	7.90	3.60	3.20	4.00	10.48	11.20	11.20	10.95	10.81	10.98
25	8.38	8.00	8.00	3.30	4.00	10.46	11.10	11.08	10.92	10.74	10.85
24	8.65	8.00	8.00	3.30	3.80	10.30	11.20	10.97	11.22	10.80	10.73
23	8.92	7.96	7.96	4.30	3.60	10.44	11.20	10.98	11.00	11.00	10.63
22	9.18	7.92	7.92	4.20	3.10	10.30	11.10	11.00	10.97	11.08	10.80
21	9.56	7.70	7.70	4.20	3.60	10.20	10.86	11.10	11.03	11.05	10.90
20	10.04	7.90	7.90	4.10	4.00	10.04	11.15	10.98	11.10	11.05	10.90
19	10.48	7.92	7.92	4.00	4.00	9.82	10.94	11.12	11.13	10.98	10.94
18	10.52	7.92	7.92	3.20	3.60	9.70	10.56	11.12	11.13	10.84	11.12
17	10.46	8.00	8.00	4.00	4.10	9.90	10.90	10.85	11.08	10.86	11.10
16	10.62	8.00	4.30	4.00	4.20	9.72	10.84	10.93	11.14	10.90	11.02
15	10.46	7.82	4.30	4.00	4.20	9.72	10.84	10.96	11.08	10.94	10.84
14	10.36	7.76	4.20	4.00	3.60	8.90	10.88	10.99	10.93	10.89	11.04
13	10.50	7.80	4.10	4.10	3.50	8.92	10.88	10.92	10.88	11.04	10.92
12	10.68	7.80	4.00	3.90	3.20	8.58	10.88	10.98	10.98	11.15	10.76
11	10.89	7.95	3.00	3.50	3.00	8.20	11.10	11.03	11.03	11.20	10.76
10	10.72	7.84	3.40	3.20	3.20	7.86	11.24	10.84	11.12	11.15	10.75
9	10.36	7.90	4.00	4.00	3.50	8.12	11.20	10.92	10.96	10.82	10.69
8	10.10	7.90	4.00	3.70	3.60	8.25	11.10	10.44	10.92	10.78	10.67
7	10.15	7.70	3.80	3.70	3.60	8.26	10.84	10.32	10.82	10.81	10.66
6	10.28	7.52	3.80	3.50	3.50	8.32	10.72	10.49	10.90	10.79	10.68
5	10.24	7.40	4.00	4.20	4.00	8.34	10.60	10.72	10.96	11.02	10.79
4	10.40	7.30	4.60	4.20	3.00	8.32	10.62	11.05	10.72	11.30	10.99
3	10.62	7.36	5.50	4.20	3.20	8.50	10.84	11.20	10.54	11.30	11.20
2	10.69	7.44	6.94	4.10	4.00	7.50	11.00	11.20	10.49	11.20	11.20
1	10.72	7.52	7.92	4.00	4.00	7.92	11.02	11.05	10.49	11.20	11.20

1. *Abstract* 2. *Introduction* 3. *Methods* 4. *Results* 5. *Discussion* 6. *Conclusion* 7. *References*

СОДЕРЖАНИЕ

MEAN

48,432

6.99

Plate No. 61

Year	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	2039-40	2040-41	2041-42	2042-43	2043-44	2044-45	2045-46	2046-47	2047-48	2048-49	2049-50	2050-51	2051-52	2052-53	2053-54	2054-55	2055-56	2056-57	2057-58	2058-59	2059-60	2060-61	2061-62	2062-63	2063-64	2064-65	2065-66	2066-67	2067-68	2068-69	2069-70	2070-71	2071-72	2072-73	2073-74	2074-75	2075-76	2076-77	2077-78	2078-79	2079-80	2080-81	2081-82	2082-83	2083-84	2084-85	2085-86	2086-87	2087-88	2088-89	2089-90	2090-91	2091-92	2092-93	2093-94	2094-95	2095-96	2096-97	2097-98	2098-99	2099-00	2100-01	2101-02	2102-03	2103-04	2104-05	2105-06	2106-07	2107-08	2108-09	2109-10	2110-11	2111-12	2112-13	2113-14	2114-15	2115-16	2116-17	2117-18	2118-19	2119-20	2120-21	2121-22	2122-23	2123-24	2124-25	2125-26	2126-27	2127-28	2128-29	2129-30	2130-31	2131-32	2132-33	2133-34	2134-35	2135-36	2136-37	2137-38	2138-39	2139-40	2140-41	2141-42	2142-43	2143-44	2144-45	2145-46	2146-47	2147-48	2148-49	2149-50	2150-51	2151-52	2152-53	2153-54	2154-55	2155-56	2156-57	2157-58	2158-59	2159-60	2160-61	2161-62	2162-63	2163-64	2164-65	2165-66	2166-67	2167-68	2168-69	2169-70	2170-71	2171-72	2172-73	2173-74	2174-75	2175-76	2176-77	2177-78	2178-79	2179-80	2180-81	2181-82	2182-83	2183-84	2184-85	2185-86	2186-87	2187-88	2188-89	2189-90	2190-91	2191-92	2192-93	2193-94	2194-95	2195-96	2196-97	2197-98	2198-99	2199-00	2200-01	2201-02	2202-03	2203-04	2204-05	2205-06	2206-07	2207-08	2208-09	2209-10	2210-11	2211-12	2212-13	2213-14	2214-15	2215-16	2216-17	2217-18	2218-19	2219-20	2220-21	2221-22	2222-23	2223-24	2224-25	2225-26	2226-27	2227-28	2228-29	2229-30	2230-31	2231-32	2232-33	2233-34	2234-35	2235-36	2236-37	2237-38	2238-39	2239-40	2240-41	2241-42	2242-43	2243-44	2244-45	2245-46	2246-47	2247-48	2248-49	2249-50	2250-51	2251-52	2252-53	2253-54	2254-55	2255-56	2256-57	2257-58	2258-59	2259-60	2260-61	2261-62	2262-63	2263-64	2264-65	2265-66	2266-67	2267-68	2268-69	2269-70	2270-71	2271-72	2272-73	2273-74	2274-75	2275-76	2276-77	2277-78	2278-79	2279-80	2280-81	2281-82	2282-83	2283-84	2284-85	2285-86	2286-87	2287-88	2288-89	2289-90	2290-91	2291-92	2292-93	2293-94	2294-95	2295-96	2296-97	2297-98	2298-99	2299-00	2300-01	2301-02	2302-03	2303-04	2304-05	2305-06	2306-07	2307-08	2308-09	2309-10	2310-11	2311-12	2312-13	2313-14	2314-15	2315-16	2316-17	2317-18	2318-19	2319-20	2320-21	2321-22	2322-23	2323-24	2324-25	2325-26	2326-27	2327-28	2328-29	2329-30	2330-31	2331-32	2332-33	2333-34	2334-35	2335-36	2336-37	2337-38	2338-39	2339-40	2340-41	2341-42	2342-43	2343-44	2344-45	2345-46	2346-47	2347-48	2348-49	2349-50	2350-51	2351-52	2352-53	2353-54	2354-55	2355-56	2356-57	2357-58	2358-59	2359-60	2360-61	2361-62	2362-63	2363-64	2364-65	2365-66	2366-67	2367-68	2368-69	2369-70	2370-71	2371-72	2372-73	2373-74	2374-75	2375-76	2376-77	2377-78	2378-79	2379-80	2380-81	2381-82	2382-83	2383-84	2384-85	2385-86	2386-87	2387-88	2388-89	2389-90	2390-91	2391-92	2392-93	2393-94	2394-95	2395-96	2396-97	2397-98	2398-99	2399-00	2400-01	2401-02	2402-03	2403-04	2404-05	2405-06	2406-07	2407-08	2408-09	2409-10	2410-11	2411-12	2412-13	2413-14	2414-15	2415-16	2416-17	2417-18	2418-19	2419-20	2420-21	2421-22	2422-23	2423-24	2424-25	2425-26	2426-27	2427-28	2428-29	2429-30	2430-31	2431-32	2432-33	2433-34	2434-35	2435-36	2436-37	2437-38	2438-39	2439-40	2440-41	2441-42	2442-43	2443-44	2444-45	2445-46	2446-47	2447-48	2448-49	2449-50	2450-51	2451-52	2452-53	2453-54	2454-55	2455-56	2456-57	2457-58	2458-59	2459-60	2460-61	2461-62	2462-63	2463-64	2464-65	2465-66	2466-67	2467-68	2468-69	2469-70	2470-71	2471-72	2472-73	2473-74	2474-75	2475-76	2476-77	2477-78	2478-79	2479-80	2480-81	2481-82	2482-83	2483-84	2484-85	2485-86	2486-87	2487-88	2488-89	2489-90	2490-91	2491-92	2492-93	2493-94	2494-95	2495-96	2496-97	2497-98	2498-99	2499-00	2500-01	2501-02	2502-03	2503-04	2504-05	2505-06	2506-07	2507-08	2508-09	2509-10	2510-11	2511-12	2512-13	2513-14	2514-15	2515-16	2516-17	2517-18	2518-19	2519-20	2520-21	2521-22	2522-23	2523-24	2524-25	2525-26	2526-27	2527-28	2528-29	2529-30	2530-31	2531-32	2532-33	2533-34	2534-35	2535-36	2536-37	2537-38	2538-39	2539-40	2540-41	2541-42	2542-43	2543-44	2544-45	2545-46	2546-47	2547-48	2548-49	2549-50	2550-51	2551-52	2552-53	2553-54	2554-55	2555-56	2556-57	2557-58	2558-59	2559-60	2560-61	2561-62	2562-63	2563-64	2564-65	2565-66	2566-67	2567-68	2568-69	2569-70	2570-71	2571-72	2572-73	2573-74	2574-75	2575-76	2576-77	2577-78	2578-79	2579-80	2580-81	2581-82	2582-83	2583-84	2584-85	2585-86	2586-87	2587-88	2588-89	2589-90	2590-91	2591-92	2592-93	2593-94	2594-95	2595-96	2596-97	2597-98	2598-99	2599-00	2600-01	2601-02	2602-03	2603-04	2604-05	2605-06	2606-07	2607-08	2608-09	2609-10	2610-11	2611-12	2612-13	2613-14	2614-15	2615-16	2616-17	2617-18	2618-19	2619-20	2620-21	2621-22	2622-23	2623-24	2624-25	2625-26	2626-27	2627-28	2628-29	2629-30	2630-31	2631-32	2632-33	2633-34	2634-35	2635-36	2636-37	2637-38	2638-39	2639-40	2640-41	2641-42	2642-43	2643-44	2644-45	2645-46	2646-47	2647-48	2648-49	2649-50	2650-51	2651-52	2652-53	2653-54	2654-55	2655-56	2656-57	2657-58	2658-59	2659-60	2660-61	2661-62	2662-63	2663-64	2664-65	2665-66	2666-67	2667-68	2668-69	2669-70	2670-71	2671-72	2672-73	2673-74	2674-75	2675-76	2676-77	2677-78	2678-79	2679-80	2680-81	2681-82	2682-83	2683-84	2684-85	2685-86	2686-87	2687-88	2688-89	2689-90	2690-91	2691-92	2692-93	2693-94	2694-95	2695-96	2696-97	2697-98	2698-99	2699-00	2700-01	2701-02	2702-03	2703-04	2704-05	2705-06	2706-07	2707-08	2708-09	2709-10	2710-11	2711-12	2712-13	2713-14	2714-15	2715-16	2716-17	2717-18	2718-19	2719-20	2720-21	2721-22	2722-23	2723-24	2724-25	2725-26	2726-27	2727-28	2728-29	2729-30	2730-31	2731-32	2732-33	2733-34	2734-35	2735-36	2736-37	2737-38	2738-39	2739-40	2740-41	2741-42	2742-43	2743-44	2744-45	2745-46	2746-47	2747-48	2748-49	2749-50	2750-51	2751-52	2752-53	2753-54	2754-55	2755-56	2756-57	2757-58	2758-59	2759-60	2760-61	2761-62	2762-63	2763-64	2764-65	2765-66	2766-67	2767-68	2768-69	2769-70	2770-71	2771-72	2772-73	2773-74	2774-75	2775-76	2776-77	2777-78	2778-79	2779-80	2780-81	2781-82	2782-83	2783-84	2784-85	2785-86	2786-87	2787-88	2788-89	2789-90	2790-91	2791-92	2792-93	2793-94	2794-95	2795-96	2796-97	2797-98	2798-99	2799-00	2800-01	2801-02	2802-03	2803-04	2804-05	2805-06	2806-07	2807-08	2808-09	2809-10	2810-11	2811-12	2812-13	2813-14	2814-15	2815-16	2816-17	2817-18	2818-19	2819-20	2820-21	2821-22	2822-23	2823-24	2824-25	2825-26	2826-27	2827-28	2828-29	2829-30	2830-31	2831-32	2832-33	2833-34	2834-35	2835-36	2836-37	2837-38	2838-39	2839-40	2840-41	2841-42	2842-43	2843-44	2844-45	2845-46	2846-47	2847-48	2848-49	2849-50	2850-51	2851-52	2852-53	2853-54	2854-55	2855-56	2856-57	2857-58	2858-59	2859-60	2860-61	2861-62	2862-63	2863-64	2864-65	2865-66	2866-67	2867-68	2868-69	2869-70	2870-71	2871-72	2872-73	2873-74	2874-75	2875-76	2876-77	2877-78	2878-79	2879-80	2880-81	2881-82	2882-83	2883-84	2884-85	2885-86	2886-87	2887-88	2888-89	2889-90	2890-91	2891-92	2892-93	2893-94	2894-95	2895-96	2896-97	2897-98	2898-99	2899-00	2900-01	2901-02	2902-03	2903-04	2904-05	2905-06	2906-07	2907-08	2908-09	2909-10	2910-11	2911-12	2912-13	2913-14	2914-15	2915-16	2916-17	2917-18	2918-19	2919-20	2920-21	2921-22	2922-23	2923-24	2924-25	2925-26	2926-27	2927-28	2928-29	2929-30	2930-31	2931-32	2932-33	2933-34	2934-35	2935-36	2936-37	2937-38	2938-39	2939-40	2940-41	2941-42	2942-43	2943-44	2944-45	2945-46	2946-47	2947-48	2948-49	2949-50	2950-51	2951-52	2952-53	2953-54	2954-55	2955-56	2956-57	2957-58	2958-59	2959-60	2960-61	2961-62	2962-63	2963-64	2964-65	2965-66	2966-67	2967-68	2968-69	2969-70	2970-71	2971-72	2972-73	2973-74	2974-75	2975-76	2976-77	2977-78	2978-79	2979-80	2980-81	2981-82	2982-83	2983-84	2984-85	2985-86	2986-87	2987-88	2988-89	2989-90	2990-91	2991-92	2992-93	2993-94	2994-95	2995-96	2996-97	
------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	--

[illegible]

[illegible]

MR. J. B. MILLER, JR., TO/NO

428 MAY 309, 940

1947
 ON
 1947

[illegible]

DEAN WILBER, IDAHO

610

MEAN

Yuan
— on
Invited

5. *Abstracts* 151 *Abstracts* 151 *Abstracts* 151 *Abstracts* 151 *Abstracts* 151

- April

34

0

59

