



STATE OF IDAHO
DEPARTMENT OF RECLAMATION
R. W. FARIS, COMMISSIONER
BOISE

BUREAU OF WATER RESOURCES
FREDERICK E. DRAGER
DIRECTOR

~~XXXXXXXXXXXXXXXXXXXX~~
Barzilla W. Clark, Governor

January 15, 1937

HON. BARZILLA W. CLARK
Governor of Idaho
Boise, Idaho

Sir:

I am transmitting herewith the annual report of Lynn Crandall, Watermaster and Special Deputy Commissioner of Reclamation for Water District No. 36, for the year 1936, covering his operations in the distribution and handling of water in that district, in cooperation with the United States Geological Survey, the water users and this Department.

Water District No. 36 includes practically all the irrigated lands of the Snake River Valley above the Milner Dam, including the two Twin Falls projects and the so-called Minidoka-Gooding project, comprising somewhat over a million acres of land.

As stated in Mr. Crandall's letter of transmittal to this Department, the past year is the first since 1928 during which there has been a normal runoff from Snake River. The water supply was ample for irrigation and other beneficial purposes and maximum crops were grown, generally. While precipitation in the Upper Snake River drainage area is not up to normal at present, with over 1,500,000 acre feet of water in storage in Jackson Lake and American Falls Reservoir, even though precipitation may remain below normal, there is every assurance of an adequate and sufficient water supply for the coming irrigation season.

As usual, Mr. Crandall handled his work in a business-like, expeditious and economical manner and to the satisfaction of all concerned. The Committee of Nine rendered valuable service in an advisory capacity and liberal cooperation was had among water users and others interested, looking toward conservation and economy in the use of water in this district.

Very truly yours,

R. W. Faris,
Commissioner of Reclamation



STATE OF IDAHO
DEPARTMENT OF RECLAMATION
LYNN CRANDALL, WATERMASTER
IDAHO FALLS, IDAHO

WATER DISTRICT NO. 36

BEN ROSS, GOVERNOR
R. W. FARIS, COMMISSIONER

January 1, 1937

Mr. R. W. Faris
Commissioner of Reclamation
Boise, Idaho.

Dear Sir:

There is transmitted herewith the annual report relating to water deliveries in District No. 36 for the year 1936.

This work was carried on, as in past years, in accordance with a cooperative agreement between the State of Idaho, the U. S. Geological Survey and the Snake River water users, under which the first two parties contribute an amount of money that they would otherwise spend on routine stream gaging in the district and the balance is paid by the local water users.

The past year was the first since 1928 that a normal run-off has occurred on Snake River and, as a result, water supplies were adequate and there were large holdovers at American Falls and Jackson Lake when the season closed.

The interest and cooperation shown in the work by your office, the Committee of Nine, the waterusers and members of the operating organization is appreciated and the assistance of W. V. Iorns and Effie C. Jones in the preparation of this report is gratefully acknowledged.

Very truly yours,

LYNN CRANDALL

Watermaster.

WATER DISTRIBUTION AND HYDROMETRIC WORK

WATER DISTRICT NO. 36

1936

By Lynn Crandall

Watermaster

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INTRODUCTION

The annual watermaster election of District No. 36 was held in Idaho Falls on March 2, 1936 at which time Lynn Crandall was elected as watermaster for the ensuing year and the following were elected as members of the Committee of Nine:

W. O. Cotton, John W. Hart, John E. Kelley,
F. A. Miller, E. H. Neal, Eph Ricks, N. V. Sharp,
R. E. Shepherd, and Dana Templin (S. T. Lowe,
substitute).

The committee members selected John W. Hart as Chairman, F. A. Miller, Vice-chairman, and John Lee, Secretary. Mr. Hart, who had been chairman of the committee since its original organization, died during the spring of 1936, and the committee, on July 8, 1936, selected Hyrum Seversen to succeed Mr. Hart as a member of the committee upon the recommendation of the canal companies in the Rigby section.

The meeting unanimously adopted the report of the resolutions committee which included provisions for stored water transmission loss charges as follows: 2.5% Moran to Heise, 4.4% Heise to Lorenzo, 0.5% Lorenzo to Woodville, 6% Woodville to Blackfoot, 1.5% Henrys Lake to Warm River, 0.5% Warm River to Ashton.

Pursuant to resolution adopted at the annual watermaster election the watermasters duties in charge of normal flow distribution began on March 2, 1936, the date of the election. He was also appointed on May 21, 1936 as Special Deputy Commissioner of Reclamation to supervise the distribution of stored water in District 36.

For the first time since 1928 the run-off of the main Snake River during 1936 was above normal, being 102% of normal at Moran and 104% of normal at Heise. The run-off of Henrys Fork however, remained below normal although substantially improved over preceding years. The run-off of that stream near Rexburg during 1936 was 80% of normal compared with 53% during 1935 and 41% in 1934. The run-off of Snake River at Neeley, corrected for American Falls holdover, was 80% of normal.

Due to the increased run-off both Jackson Lake and American Falls reservoirs filled during 1936 and 620,000 acre-feet of surplus flood waters spilled past Milner Dam below all diversions. Due to deficient snowfall in the Island Park section, Henrys Lake only filled to 25,700 acre-feet or 32% of its capacity.

The first cut on natural flow rights was made June 22 on Henrys Fork and Fall River and June 26 on the main Snake River. The low point of natural flow rights was reached Aug. 28-Sept. 1 when 50% of July 10, 1869 rights were being filled on the main river above American Falls, Henrys Fork and Fall River, and 1884 rights were being filled on Teton River.

Ample supplies of stored water were available for rental and no general crop losses of any magnitude were suffered due to water shortage, although minor shortages occurred under several canals on Fall River that have been without adequate water supply for many years.

A heavy freeze about the middle of September resulted in some reduction of yields in certain crops, particularly beans, potatoes and sugar beets.

Storage deliveries ceased on September 30, 1936 with holdovers of 606,000 acre-feet at American Falls, 360,000 acre-feet at Jackson Lake, and 8,500 acre-feet at Henrys Lake. The gates at Jackson Lake were closed at 5:00 p.m. on September 28, 1936 but it was necessary to continue natural flow regulation above Blackfoot until October 10, 1936, at which time there was a small amount of natural flow spilling past Blackfoot in excess of upper valley requirements and regulation was accordingly discontinued.

The U. S. Army Engineers spent about five months during the irrigation season making a detailed survey and study of the section of the river between the Heise gaging station and Roberts with respect to possible flood damages.

The contractor on the Island Park dam was unable to complete that structure within the scheduled time and accordingly it will not be possible to store water there for the 1937 season as was originally contemplated. According to present plans that dam as well as the Grassy Lake dam on the headwaters of Fall River will be completed during 1937.

A cooperative investigation with the U. S. Bureau of Reclamation was continued for the third successive year covering losses and gains in Snake River between Alpine and Heise. A similar investigation was continued for the second year by the Bureau of Reclamation covering the section of Henrys Fork that will be flooded by the Island Park Reservoir.

A study of the water situation on the river was made during the year by Samuel B. Morris, Columbia River consultant for the National Resources Committee, as part of a national program for a plan of development on various streams throughout the country. The conclusions of the Committee have not been made public at the time of writing this report.

PERSONNEL

The personnel engaged in the work of distribution during the year was as follows:

Lynn Crandall,	Watermaster & Special Deputy Commissioner of Reclamation,
W. V. Iorns,	Assistant Engineer.
Melvin Luke,	Hydrographer & Deputy Watermaster on Henrys Fork & tributaries.
L. K. Homer,	Hydrographer during irrigation season.
F. W. Tolles,	Hydrographer during irrigation season.
Effie C. Jones,	Clerk.
W. I. Nielsen,	Deputy Watermaster, Teton Basin.
Walter C. Lenz,	Deputy Watermaster, Upper Fall River.
D. W. Archibald,	Deputy Watermaster, Henrys Fork & Teton River.
D. R. Crystal,	Deputy Watermaster, Heise Division.
H. M. Bramwell,	Deputy Watermaster, Rigby Division.
R. S. Boal,	Deputy Watermaster, Idaho Falls Division.
Eugene Liljenquist,	Deputy Watermaster, Blackfoot Division.
Dana Templin,	Deputy Watermaster, Minidoka Dam.
W. N. McConnel,	Deputy Watermaster, Milner Dam.
F. S. Thomas,	Deputy Watermaster, Swan Valley Dist.
A. W. Heath,	Supt. American Falls Dam.
B. B. Hill,	Supt. Jackson Lake Dam.
K. McGinn	Supt. Henrys Lake Dam.

Mrs. John Keppner, C. C. Davidson, Mrs. Irvin Siepert, J. F. Johnson, D. R. Anthony, James Fugal, J. A. Clough, T. E. Culley, A. J. Ayers, and G. S. Gilham, gage readers.

SNOW SURVEYS

The results of snow surveys on the Jackson Lake watershed during past years are shown in the following tabulation:

Table showing average snow depth
and water equivalent on Jackson Lake watershed,
in inches.

(Snow surveys made 14th-21st of each mo.)

<u>Year</u>	<u>January</u>		<u>February</u>		<u>March</u>		<u>April</u>	
	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>
1919	36	8.1	45	12.0	52	16.8	49	18.4
1920	40	9.6	54	13.8	74	21.5	70	23.0
1921			63	17.9	65	20.6	56	21.3
1922	54	14.2	72	18.2	73	22.0	64	23.4
1923	43	11.3	51	15.6	64	20.7	54	23.0
1924	44	10.8	47	13.5	51	15.8	48	17.7
1925	50	12.8	66	24.0	75	25.9	50	21.9
1926	32	9.0	52	14.0	49	16.6	40	15.6
1927	66	18.5	75	27.0	82	33.0	85	36.0
1928	58	18.0	59	20.4	69	23.8	80	31.5
1929	37	8.8	60	16.5	61	20.2	62	22.0
1930	36	8.3	49	13.5	53	16.8	27	11.7
1931	25	5.2	30	6.2	35	8.4	27	8.9
1932	47	12.1	64	20.0	69	24.0	61	25.0
1933	46	10.8	67	18.8	67	21.6	62	24.0
1934	36	8.5	35	12.9	40	15.3	33	15.7
1935	51	12.2	46	14.3	52	17.9	60	23.8
1936	61	13.8	77	23.1	82	29.9	75	32.0
Average, inches	45	11.3	56	16.7	62	20.6	56	21.9

The above table is the average of results at Moran, Moran Canyon, Arizona Station, Huckleberry Divide, Snake River Station, Coulter Creek, Lewis Lake Divide, Aster Creek, and Glade Creek.

The Jackson Lake snow surveys are made available by the U. S. Bureau of Reclamation. From 1933 to date the snow surveys were made by B. B. Hill, Reservoir Supt. at Jackson Lake; prior to 1933 they were made by Joseph Markham. The April 1936 snow survey showed

an average water content at the various snow measuring stations of 46% above normal. The resulting run-off at Moran, however, was only 2% above normal. The failure of the run-off to equal the amount indicated by the snow surveys is probably due principally to the fact that the snow at the high elevations which furnishes most of the run-off was not as much above normal as the snow at the lower elevations around Jackson Lake. A contributing factor also may have been the fact that the precipitation on the Jackson Lake water shed during May 1936, when the heavy snow melting occurred, was less than 50% of normal. Precipitation during the snow melting period has been observed to have an important bearing on run-off as a large percentage of such precipitation is discharged as run-off instead of being absorbed by the soil as is the case in rains during the summer months.

The Bureau of Irrigation Investigations of the U. S. Dept. of Agriculture established a number of new snow courses at various points on the watershed and began records during the past winter in cooperation with the Forest Service. These records will be of increasing value in future years as observations accumulate to establish normal amounts of snowfall at the various measuring stations.

REGULATION SCHEDULE

The following schedule of natural flow rights in effect during 1936 applies particularly to rights diverting from the river above Blackfoot as rights of Oct. 11, 1900 priority are always partially filled, at least, below American Falls Reservoir from spring inflow between Blackfoot and American Falls. Natural flow deliveries to lower valley canals after normal flow cuts began are shown by days on Plates 12-13, incl.

1936 Regulation Schedule

June	26	Cut off rights later than Dec. 21, 1915 priority.
"	27	Cut off rights later than Aug. 6, 1908 priority.
"	30	Cut off rights later than June 7, 1906 priority.
July	3	Cut off rights later than Mar. 22, 1903 priority.
"	5	Cut off all 1897 rights.
"	6	Cut off all 1896 rights.
"	7	Cut off all rights later than April 1, 1895.
"	10	Cut off all rights later than Feb. 6, 1895.
"	11	Filled 70% Feb. 6, 1895 right.
"	13	Filled 80% Feb. 6, 1895 right.
"	14	Filled April 1, 1895 rights.
"	15	Cut off rights later than Feb. 6, 1895.
"	17	Filled 50% Feb. 6, 1895 right.
"	18	Filled 10% Feb. 6, 1895 right.
"	19	Cut off 1895 rights.
"	20	Cut off 1893 rights.
"	21	Cut off 1892 rights.
"	22	Filled two-thirds Dec. 14, 1891 right.
"	23	Filled one-third Dec. 14, 1891 right.
"	24	Cut off Dec. 14, 1891 right.
"	28	Filled one-half Dec. 14, 1891 right.
"	29	Cut off Dec. 14, 1891 right.
"	30	Cut off June 1, 1891 right.
Aug.	2	Filled June 1, 1891 rights.
"	3	Filled Dec. 14, 1891 rights.
"	5	Filled June 1, 1892 rights.
"	7	Cut off 1892 rights.
"	9	Cut off June 1, 1891 rights.
"	13	Filled June 1, 1891 rights.
"	14	Filled 50% Dec. 14, 1891 right.
"	16	Cut off Dec. 14, 1891 right.
"	18	Cut off June 1, 1891 right.
"	21	Cut off all 1891 rights.
"	22	Cut off rights later than July 12, 1890.
"	24	Filled 50% July 12, 1890 right.
"	25	Filled 50% June 10, 1890 right.
"	26	Cut off rights later than June 1, 1890.
"	27	Cut off all 1890 rights.
"	28	Filled 50% July 10, 1889 rights.
"	29	Cut off July 10, 1889 rights.
Sept.	2	Filled all 1889 rights.
"	4	Restored June 1, 1890 rights.
"	6	Filled June 10, 1890 rights.
"	12	Cut off all 1890 rights.
"	17	Filled June 1, 1890 rights.

The schedule of rights in effect on Henrys Fork and Teton River is shown separately in the chapter covering distribution on Henrys Fork.

During the last few days in September the demand for water dropped off so that by October 1 practically all requirements for irrigation were being met from natural flow although the Idaho Power Co. still continued to draw storage past Milner thereafter. Regulation ceased and the services of the river riders were terminated on October 10 on the main river and October 15 on Henrys Fork.

WATER SUPPLY

The year 1936 was the first since 1928 that the run-off has been above normal at any of the stations on Snake River. Following is the annual run-off for the year ending Sept. 30, 1936 at several of the important stations in District No. 36.

Station	1936 run-off (acre-feet)	Average run-off (acre-feet)	1936 percent of average.
Snowy River at Moran	1,068,000	1,050,000	102%
Snowy River near Heise	5,352,000	5,130,000	104%
Snowy River near Neeley	4,724,000	5,930,000	80%
Henrys Fork near Rexburg	1,128,000	1,410,000	80%
Fall River near Squirrel	575,000	530,000	108%

Records at Moran and Heise are corrected for holdovers at Jackson Lake and those at Neeley for holdovers at American Falls. The annual run-off at Moran and Neeley during years of records are shown on Plates 4 and 5.

The increased use of water in Wyoming during the past quarter century has probably resulted in some diminution of water supply for Idaho rights. From such information as is available it appears that upwards of 100,000 acres are now being irrigated in Wyoming above the Heise measuring station. In some sections such as Salt

River and Gros Ventre the entire low water flow of the streams is diverted in Wyoming. Probably at least 2500 second-feet are diverted to supply these Wyoming rights and this is no doubt one of the reasons why the natural flow cuts on Snake River in Idaho begin at an earlier date and reach to earlier priorities each year than was formerly the case.

It is a matter of regret that lack of storage facilities resulted in the waste of 620,000 acre-feet of surplus flood waters past Milner during 1936. About one-fourth of this waste could have been retained if the reservoirs now under construction at Island Park and Grassy Lake had been completed. The occurrence of a year of fairly good run-off in 1936 should not be permitted to result in any decrease in efforts towards further water conservation. Dry years to be expected in the future will require all the water that can be made available from any source at reasonable cost if the established irrigated agriculture is to be adequately maintained in the Snake River Valley.

TRANSFERS & EXCHANGES

The following permanent transfers were granted during the year after advertising and hearing before the Commissioner of Reclamation as provided by the Idaho Statutes:

Transfer No. 558.- 9.18 sec. ft., June 1, 1886 priority, from Long Island Canal to Lenroot Canal.

Transfer No. 559.- 2.50 sec.-ft., June 1, 1884 priority, from Osgood Canal to New Sweden District canals.

Transfer No. 560.- 0.60 sec.-ft., June 1, 1886 priority, from Long Island Canal to Sunnydell Canal.

Transfer No. 562.- 3.20 sec.-ft., June 1, 1887 priority, from Harrison Canal to Farmers Friend Canal.

Transfer No. 563.- 4.56 sec.-ft., June 1, 1886 priority, from Long Island Canal to Lenroot Canal.

Transfer No. 565.- 1.00 sec.-ft., June 1, 1885 priority, from Butler Island Canal and 1.00 sec.-ft., June 1, 1886 priority, from Long Island Canal to lands

The Washington National Bank of Tacoma changed the point of diversion for 1.69 sec.-ft. of June 1, 1879 waters of Teton River from the McCormick-Rowe ditch to the Woodmansee-Johnson ditch.

Natural flow rights were exchanged for American Falls storage rented and owned by various canals on Henrys Fork and Fall River as in past years. Several upper valley canals with supplies insufficient to run steadily at the desired head throughout the season were permitted to cut dry at times during the latter part of the season and receive credit for 90% of such of their natural flow rights as were valid at the time, so as to promote a more efficient use of their available supply.

LITIGATION

The case of the American Falls Reservoir District No. 2 vs Crandall, et al, came to a conclusion when the Federal Appellate Court dismissed the action on the principal ground that the United States was an indispensable party to the action.

Under date of April 6, 1936, the Secretary of the Interior issued an order pertaining to the matters at issue in this case and directing that all water available under the American Falls rights decreed to the Government be stored in American Falls Reservoir from Oct. 1 to May 1 of each year and that thereafter any available water up to 1700 second-feet be divided one-half to the Gooding Project and one-half for storage in American Falls Reservoir, any excess over 1700 second-feet to be stored in American Falls Reservoir. This order by the Secretary of the Interior will probably control the distribution of the water decreed to the Government under its American Falls filings unless and until modified by further Court decree or order.

The case of the Teton Valley Power and Milling Co. vs. Crandall et al, was tried during December 1936 and 80 second-feet of Oct. 1, 1921 priority from Teton River was decreed for power use.

Suit by lower users on Teton River against upstream users in Teton Basin in Wyoming is still pending and has not yet been tried.

The case of Busby vs Crandall was settled by a decision in the District Court denying the rights claimed by the Plaintiff.

A final decision was handed down in the District Court in the case of Chris Reber vs Crandall, after supplemental action by other interested users, awarding the following rights to the waters of Twin Creek, a tributary to Henrys Fork:

Jos. A. Laird and Louise D. Laird.- 2.60 sec.-ft. Nov. 26, 1920 priority.

Peter Rahn and Albertina Rahn.- 1.80 sec.-ft. July 12, 1917 priority.

Chris Reber.- 2.00 sec.-ft. June 1, 1912 priority.
2.00 sec.-ft. July 1, 1914 priority.

A complaint was filed in the case of H. Hill and J. M. Hoehnen vs Crandall seeking to acquire certain natural flow rights on Bear Creek and Indian Creek, tributaries to Snake River above Swan Valley. The Upper Snake River Protective Union engaged counsel and filed an answer on behalf of the defendant.

Suit was brought by the Burley Irrigation District against the Secretary of the Interior questioning the latter's right to enter into the so-called winter water saving contract, designed to reduce the winter use of water for power production at Minidoka Dam. The suit will probably be tried in Washington, D. C. some time during 1937.

CANAL DELIVERIES

Diversions from the main river by the various canals between Heise and Blackfoot for the months May to September 1936 are shown on Plates 6-10, inclusive. The following summary of canal diversions in this section during past years is tabulated as a matter of general information. Complete season records are not available prior to 1919.

Canal diversions Heise to Blackfoot
(Thousands of acre-feet)

<u>Year</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1919	349	545	361	259	218	1,732
1920	253	622	631	522	305	2,333
1921	168	543	644	524	310	2,189
1922	160	667	642	510	295	2,274
1923	285	525	654	534	399	2,397
1924	544	477	510	418	293	2,242
1925	346	642	661	564	321	2,534
1926	593	564	486	396	295	2,334
1927	290	593	709	585	390	2,567
1928	456	566	681	604	438	2,745
1929	245	629	701	562	379	2,516
1930	436	675	682	464	414	2,671
1931	411	546	490	360	226	2,033
1932	379	563	687	579	384	2,592
1933	226	756	674	527	387	2,570
1934	548	359	399	275	211	1,792
1935	276	684	662	445	326	2,393
1936	489	619	677	520	420	2,725
Average*	360	630	687	548	401	2,626
Per cent of seasons total	13.7	24.0	26.2	20.9	15.2	100

* Last 10 years excluding 1931, 1934 and 1935.

Total diversions by canals in this section during 1936 were the greatest ever recorded except in one year, 1928, when 20,000 more acre-feet were diverted than in 1936. There were no appreciable diversions during 1936 in this section prior to May 1st except for stock water and domestic purposes.

Excluding years of shortage the diversions in this section of the river during the past ten years are about 300,000 acre-feet more annually than they were prior to that time. A number of the larger canals have increased their capacity during the past ten years and storage water purchased by upper valley canals when American Falls Reservoir was built has furnished additional supplies not previously available.

Diversions by lower valley canals during the period of storage use are shown on Plates 12-13 and for the entire year on Plates 32-41, inclusive.

The following tabulations show diversions by the more important lower valley projects since records began in 1909. These projects experienced a rapid growth and increase in cultivated acreage from 1909 to about 1918 but have experienced relatively little expansion since 1918.

Average diversions are shown for the past ten years, covering the period since American Falls Reservoir was completed.

Diversions by Minidoka Project

(Thousands of Acre-feet)

<u>Year</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1909	-	40	71	79	74	50	314
1910	38	76	97	85	65	43	404
1911	32	76	103	111	100	70	492
1912	31	71	102	115	88	65	472
1913	25	93	94	109	112	87	520
1914	33	114	101	142	127	70	587
1915	82	79	124	139	120	67	611
1916	39	103	128	138	134	102	644
1917	2	63	135	151	146	97	594
1918	60	143	143	150	129	96	721
1919	33	141	145	126	95	74	614
1920	48	130	145	153	141	98	715
1921	41	104	113	156	143	100	657
1922	18	103	146	156	132	114	669
1923	34	121	121	149	132	110	667
1924	80	143	118	140	84	28	593
1925	82	133	134	153	140	88	730
1926	84	156	145	139	115	42	681
1927	36	124	140	158	145	101	704
1928	44	156	141	163	156	111	771
1929	16	123	145	159	152	108	703
1930	110	83	153	165	131	105	747
1931	64	143	155	167	110	46	685
1932	35	125	140	173	159	111	743
1933	70	129	165	171	164	110	809
1934	43	97	71	101	36	12	360
1935	33	101	147	172	154	107	714
1936	26	169	128	169	150	99	741
Average*	46	126	145	167	152	106	742
Per cent of seasons total	6.2	17.0	19.5	22.5	20.5	14.3	100

* Last 10 years, omitting 1931 & 1934.

Diversions by No. Side Canal Co.

(Thousands of acre-feet)

<u>Year</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1909	-	71	81	91	81	34	358
1910	34	82	107	105	37	56	421
1911	114	140	152	148	85	101	740
1912	127	129	143	153	148	125	825
1913	108	148	155	159	148	133	851
1914	94	159	156	124	130	99	762
1915	107	145	137	86	45	69	589
1916	98	161	164	167	162	135	887
1917	2	105	152	172	171	138	740
1918	101	151	167	181	176	146	922
1919	85	149	136	65	18	21	474
1920	88	163	187	184	144	52	818
1921	72	170	173	192	138	89	834
1922	30	129	182	192	168	80	781
1923	89	177	170	186	162	92	876
1924	106	94	57	74	19	26	376
1925	109	184	182	179	163	101	918
1926	130	126	164	113	73	49	655
1927	65	180	183	189	186	148	951
1928	85	191	182	195	189	154	996
1929	66	179	186	190	189	152	962
1930	146	127	191	214	172	112	962
1931	81	187	153	173	147	50	791
1932	72	157	174	217	212	157	989
1933	65	169	207	204	226	164	1035
1934	52	118	127	120	62	33	512
1935	15	151	194	212	161	100	833
1936	42	201	200	202	198	130	973
Average*	77	172	189	202	196	145	981
Per cent of seasons total	7.8	17.5	19.3	20.6	20.0	14.8	100

* Last 10 years, omitting 1931, 1934 and 1935.

Diversions by Twin Falls Canal Co.
(Thousands of acre-feet)

<u>Year</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1909	-	75	131	154	133	60	553
1910	50	124	166	151	109	91	691
1911	39	115	159	181	152	107	753
1912	35	88	162	181	166	90	722
1913	30	124	167	186	181	109	797
1914	62	167	179	190	156	111	865
1915	93	146	173	142	117	115	786
1916	77	191	204	221	200	171	1064
1917	45	56	191	218	209	165	884
1918	118	204	211	215	213	174	1135
1919	55	208	184	141	119	117	824
1920	78	194	207	212	188	160	1039
1921	68	151	176	219	194	142	950
1922	34	156	208	222	193	167	980
1923	84	192	176	212	202	156	1022
1924	109	181	152	126	146	127	841
1925	75	182	187	205	196	138	983
1926	130	184	179	186	141	139	959
1927	52	167	190	217	221	159	1006
1928	61	197	207	220	218	150	1053
1929	36	191	202	220	221	140	1010
1930	134	154	184	224	192	130	1018
1931	77	194	180	205	203	116	975
1932	48	155	160	212	223	173	971
1933	85	197	201	218	223	162	1086
1934	129	167	154	175	191	124	940
1935	36	167	178	202	210	159	952
1936	54	209	195	219	219	142	1038
Average*	65	181	188	215	214	148	1011
Per Cent of seasons total	6.4	17.9	18.6	21.3	21.2	14.6	100

*Last 10 years, omitting 1934.

Years of pronounced shortages have been omitted in computing the average diversions, shown in the preceding tabulations, during the past ten years.

It will be noted from the foregoing tables that at the higher altitudes with a shorter growing season there is a greater concentration of the peak demand for water. Thus in the section from Heise to Blackfoot 26.2% of the seasonal water requirements are diverted during the peak month of July. Similar figures for the same month progressing downstream in elevation, are Minidoka Project 22.5%; Twin Falls Project 21.3%; North Side Project 20.6%.

The following tabulation shows the seasonal diversions, area under canal and acreage irrigated in 1936 under canals diverting from Snake River between Heise and Milner. A similar tabulation for canals in the Henrys Fork section is shown separately in the chapter covering distribution on Henrys Fork.

The figures on irrigated areas are furnished by the various canal companies and show the area to which water was delivered without deductions for roads, canals, buildings, waste or fallow land on individual farms, etc.

Table showing diversions and irrigated area during 1936

<u>Snake River canals</u>				
Name of Canal	Irr. season diversions	Area under canal	Area irri- gated 1936	Diversions acre-feet per acre irrigated
	(Acre-feet)	(Acres)	(Acres)	
Riley	4,540	880	840	5.4
Anderson & Eagle Rock	219,000 (a)	31,500	31,500	7.0
Farmers Friend	93,400	10,500	10,300	9.1
Enterprise	29,200	7,000	5,000	5.8
Nelson	135	80	50	2.7
Mattson-Graig	3,180	450	275	11.5
Arnsberger	627	200	120	5.2
Ross & Rand	212	125	22	12.2

Name of canal	Irr. season diversions (Acre-feet)	Area under canal (acres)	Area irrig. 1936 (acres)	Diversions acre-feet per acre irrig.
Butler Island	12,400	1,320	940	13.2
Steele	2,420	290	190	12.7
Harrison	104,000	16,000	16,000	6.5
Cheney	1,550	240	140	11.0
Rudy & Boomer	52,100	5,500	5,000	10.4
Kite & Nord	1,420	235	150	9.5
Burgess	202,000	23,000	20,000	10.1
Clark & Edwards	19,600	1,960	1,800	10.9
Lowder & Jennings	8,780	1,200	900	9.8
East LaBelle	33,800	2,200	2,100	16.1
Sunnydell	24,700	3,504	3,312	7.5
Lenroot	32,000	4,000	3,600	8.9
Reid	33,300	5,500	4,500	7.4
Texas Feeder	66,000	9,000	7,500	8.8
Nelson Corey	3,020	640	400	7.5
Hill Pettinger	824	210	110	7.5
Rigby	46,300	4,000	4,000	11.6
Dilts	5,910	780	670	8.8
Island	35,600	3,400	3,000	11.9
West LaBelle et al	112,000	8,400	7,700	14.5
Parks & Lewisville	75,700	7,000	7,000	10.8
North Rigby	13,900	1,250	1,200	11.5
White	1,150	250	175	6.6
Ellis	1,000	70	65	15.4
Bramwell	1,970	400	155	12.7
Butte & Market Lake	59,800	20,000	18,000	3.3
Osgood	30,800	7,000	6,160	5.0
Bear Island & Smith	560	240	160	3.5
Idaho	250,000	35,540	35,540	7.0
Kennedy	9,000	2,237	1,850	4.9
Gt. Western & Porter	172,000	26,000	25,000	6.9
Coy	256	40	40	6.4
Woodville	16,700	3,000	3,000	5.6
Snake R. Valley	144,000	25,000	21,500	6.7
Reservation	176,000 (b)	60,000	33,810	5.2
Blackfoot	93,900	15,000	13,000	7.2
New Lava Side	35,800	6,000	5,000	7.2
Peoples	117,000	20,000	15,000	7.8
Aberdeen	262,000	62,298	55,000	4.8
Corbett	35,400	7,930	7,000	5.1
Nielsen-Hansen	1,820	640	600	3.0
Riverside	30,600	3,210	3,210	9.5
Danskin	53,000	6,000	6,000	8.9

Name of canal	Irr. season diversions (acre-ft.)	Area under canal (acres)	Area irrig. 1936 (acres)	Diversions acre-feet per acre irrig.
Trego	14,300	1,750	1,400	10.0
Wearyrick	12,600	1,540	1,500	8.4
Watson	29,000	4,880	4,800	6.0
Parsons	6,660	900	875	7.6
No. Minidoka	415,000	62,000	54,000	7.7
So. Minidoka	325,000	54,000	50,000	6.5
No. Side Canal Co.	974,000	170,000	154,000	6.3
Twin Falls Canal	1,037,000	202,660	202,660	5.1
Milner Low Lift	42,800	8,509	8,445	5.1
Gooding	332,000	88,200	47,000	7.1
Total main river (exclusive of Henrys Fork)	5,919,434	1,045,645	913,317	6.5

(a) Used some additional water from Willow Creek

(b) 108,000 acre-feet from Snake River, balance from
Blackfoot River and Sand Creek.

The irrigation season for canals above American Falls is taken as May to September inclusive and for canals below American Falls as April to September inclusive. Additional water was used during October for fall watering, digging beets, stock and domestic purposes, etc., but was not essential to crop production.

Of the total diversions 2,794,000 acre-feet, or 47%, was used above American Falls and 3,125,000 acre-feet, or 53%, was used below American Falls.

The total diversions were 700,000 acre-feet greater than during 1935 and 1,700,000 acre-feet more than during 1934. There were no crop losses due to water shortage among the foregoing canals during 1936.

Canals above American Falls, excluding Henrys Fork, diverted 326,244 acre-feet of storage or 11.7% of their total diversions. Canals below American Falls, excluding Idaho Power Co., diverted 1,214,752 acre-feet of storage equal to 38.9% of their total diversions.

The Idaho Power Co. carried 136,000 acre-feet of water past Milner during the year ending September 30, 1936 for use at downstream power plants of which 29,000 acre-feet was storage used during the latter part of the irrigation season and 107,000 acre-feet was drawn during the period October 1, 1935 to April 10, 1936.

RIVER DATA

Segregation of flow at the various measuring stations between storage and normal, stored water losses, diversions, etc., during the period of storage draft are shown on Plates 12-13.

Features relating to river operation, storage losses, and segregation of stored water and normal flow at the various points of measurement have been fully described in reports for past years and the established practice was followed during 1936.

After rights were cut below 1900 priority which is the earliest priority owned by any canal diverting from the river below the Clough gaging station, the segregation of flow at that station was made on the basis of an assumed natural flow, supplied by rising water above the station, of 150 second-feet plus inflow from Blackfoot River, any balance at the Clough station being classed as stored water. During the season there were only 84,900 acre-feet of storage carried past Cloughs for downstream canals, as much storage as conveniently possible being retained at Jackson Lake.

Twelve measurements of the spring inflow between Cloughs and Neeley were made during the months May to September inclusive and together with the daily flow of Portneuf River at Pocatello and the unmeasured inflow computed from the Newell formula were used to calculate the daily inflow from Cloughs to Neeley shown on Plate 11. During the latter part of the season this inflow averaged about 200 second-feet more than during the same period in the preceding year of 1935.

The normal flow at Neeley, computed by adding to the normal flow at Cloughs the inflow Clough to Neeley, was delivered without loss or gain to downstream canals according to their respective priorities and any additional amounts diverted by these canals were classed as storage.

STORED WATER DELIVERIES

Both Jackson Lake and American Falls reservoirs filled and all rights were 100% filled. Both reservoirs reached points during the high water slightly in excess of their rated capacity but such excess was not allotted.

Allotments were made as follows, arranged in downstream order from the Heise measuring station.

1936 Storage Allotment

(Acre-feet)

Canal	Jackson Lake	Am. Falls right	Am. Falls lease	Total
Poplar Irr. Dist.	1,200	793	370	2,363
Progressive Irr. Dist.	-	14,609	7,533	22,142
x Farmers Friend	2,000	-	-	2,000
Enterprise	6,100	10,509	4,908	21,517
Harrison	5,000	11,994	6,185	23,179
Rudy	2,000	2,000	1,031	5,031
Burgess	5,120	7,496	4,501	17,117
x Lowder	1,040	-	-	1,040
x Sunnydell Irr. Dist.	4,000	-	-	4,000
Lenroot	3,000	4,504	2,322	9,826
Reid	-	3,002	-	3,002
Dilts	-	1,034	533	1,567
Enterprise Irr. Dist.	-	12,000	13,104	25,104
Fremont Madison Res. Dist.	-	-	19,763	19,763
Butte & Market Lake	-	3,002	2,804	5,806
Osgood	-	15,852	8,175	24,027
x Kennedy	355	-	-	355
New Sweden Irr. Dist.	5,000	28,528	14,711	48,239
Martin	1,500	2,250	1,050	4,800
Bear Island	-	225	105	330
Smith	-	79	41	120
Idaho Irr. Dist.	-	26,986	12,602	39,588
Woodville	-	9,000	4,200	13,200
Snake River Valley Irr. Dist.	15,000	27,643	12,909	55,552
Blackfoot	-	15,033	7,020	22,053
Peoples	8,000	22,519	11,613	42,132
Aberdeen	42,685	41,333	29,306	113,324
Corbett	-	4,000	1,868	5,868
Trego	-	1,462	683	2,145
Total above Am. Falls	102,000	265,853	167,337	535,190
Minidoka	325,810	50,000	25,785	401,595
Milner Low Lift	-	34,113	17,592	51,705
Twin Falls Canal Co.	97,183	151,185	70,603	318,971
N. S. Canal Co.	322,007	320,256	152,276	794,539
Gooding	-	400,000	-	400,000
Idaho Power Co.	-	45,000	-	45,000
Total	847,000	1,266,407	435,593	2,547,000

In addition to the foregoing rights in Jackson Lake and American Falls, the Osgood Canal released 3,669 acre-feet from Twin Lakes and the Minidoka Project had rights of 96,700 acre-feet at Lake Walcott and 44,000 acre-feet covering gain Neeley to Milner during the months July to September inclusive which gain accrues to the Minidoka Project under the system being followed for segregation of stored water and natural flow below Neeley.

Daily storage diversions by the various canals on the main river are shown on Plate 14. Diversions of Jackson Lake storage exchanged for American Falls storage by Henrys Fork canals are grouped together on this tabulation but are shown separately on Plate 22.

A few individuals and canals found it necessary to rent additional stored water for which purpose a pool was formed. Canals contributing water to this pool were paid at the rate of 50¢ per acre-foot measured at point of river diversion and the water was sold at the same rate. A contract was entered into between the Government and the American Falls Reservoir District under the terms of which any holder of leased space in the American Falls Reservoir during any particular year who rents any water at a price in excess of the cost of leased water has to pay one-half of such excess, up to the amount of its leased water, to the Government. Operations of the Pool during 1936 were as follows:

<u>1936 Pool operations</u>			
(Acre-feet measured at Jackson Lake)			
<u>Secured from</u>		<u>Sold to</u>	
Twin Falls Canal Co.	2800	Swan Valley Users	524
Reid Canal Co.	647	Nelson Ditch	54
Blackfoot Canal Co.	539	Farrison Canal	54
Penalty charge on		Hill Pettinger	11
stored normal	1342	Kennedy	479
		New Sweden	144
		Kellar	40
		Mattson Craig	38
		Rudy	22
		Henrys Fork Users	3962
Total	5328	Total	5328

In addition to the above sales the Woodville Canal Co. sold 4200 acre-feet to various Henrys Fork users and the Corbett Slough Co. sold 5700 acre-feet to the Peoples Canal both at the cost of American Falls leased water, 12¢ per acre-foot.

The holdover of 606,000 acre-feet at American Falls on Sept. 30, 1936 was the greatest on that date since 1929 while the holdover of 360,000 acre-feet at Jackson Lake on September 30, 1936 was the greatest on that date since 1932.

RIVER LOSSES AND GAINS

Losses and gains between river stations are shown by monthly averages in the following tabulations using time intervals shown on Plate 15.

Gain in Snake River Moran to Heise stations 1936

(Heise dates and 24 hr. sec.-ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Moran	6,903	66,496	136,450	113,830	81,192	404,871
Heise	648,900	570,800	339,970	247,140	186,060	1,992,870
Riley Ditch	392	600	629	466	201	2,288
Heise & Riley	649,292	571,400	340,599	247,606	186,261	1,995,158
Total gain s.f.	642,389	504,904	204,149	133,776	105,069	1,590,287
Mean gain s. f.	20,720	16,830	6,585	4,315	3,502	10,390
Total gain, a.f.	1,274,160	1,001,462	404,924	265,341	208,401	3,154,288

The total gain in this section of the river during the five months was about 900,000 acre-feet more in 1936 than during 1935. July was the only month when the 1936 gain was less than in 1935 probably due to a deficiency in the snowfall at the high elevations which is ordinarily the greatest contributor to the July run-off.

Gain in Snake River, Heise to Shelley stations
1936

(Heise dates and 24-hr. sec. ft.
except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Heise & Riley	649,292	571,400	340,599	247,606	186,261	1,995,158
Rexburg	127,170	77,982	16,222	16,527	17,184	255,085
Total supply	776,462	649,382	356,821	264,133	203,445	2,250,243
Diversions	151,234	213,738	243,677	197,602	164,356	970,607
Net supply	625,228	435,644	113,144	66,531	39,089	1,279,636
Shelley	623,800	468,590	138,180	89,810	61,460	1,381,840
Total gain s.f.	-1,428	32,946	25,036	23,279	22,371	102,204
Mean gain s.f.	-46	1,098	808	751	746	668
Total gain, acre-feet	-2,832	65,347	49,658	46,173	44,372	202,718

The gain in this section of the river during 1936 approached more nearly normal conditions than have occurred for several years past. Canal diversions were 220,000 acre-feet greater than during 1935 thereby furnishing greater contributions to the water table and return flow. The total gain for the five months period in 1936 was about 200,000 acre-feet more than in the preceding year.

Loss in Snake River Shelley to Clough stations
1936

(Shelley dates and 24 hr. sec.-ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Shelley	620,200	479,250	140,920	90,540	61,960	1,392,870
Blackfoot River	4,105	6,476	1,036	1,906	1,077	14,600
Total supply	624,305	485,726	141,956	92,446	63,037	1,407,470
Diversions	95,145	98,405	97,829	64,587	47,237	403,203
Net Supply	529,160	387,321	44,127	27,859	15,800	1,004,267
Cloughs	502,600	375,010	36,502	22,940	12,930	949,982
Total loss s.f.	26,560	12,311	7,625	4,919	2,870	54,285
Mean loss s.f.	857	410	246	159	96	355
Total loss a.f.	52,680	24,419	15,124	9,757	5,693	107,673

Losses in this section were quite heavy during the high water in May but gradually decreased thereafter and, during the latter part of the season, were considerably lower than during similar periods of

the past several years. The high water during 1936 doubtless furnished enough silt so as to reduce the rate of loss in the gravel river bed and the improved water supply resulted in more unmeasured waste and return flow to the river from various canals.

Loss in Snake River Clough to Neeley stations
1936

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Clough	503,200	384,035	39,684	23,314	12,448	962,681
Inflow	91,860	82,748	81,092	82,263	80,204	412,167
Reservoir draft	-99,669	31,573	230,006	210,724	87,470	460,104
Total supply	495,391	498,356	350,782	316,301	180,122	1,840,952
Neeley	469,920	482,700	346,830	318,100	177,920	1,795,470
Total loss sec.ft.	25,471	15,656	3,952	-1,799	2,202	45,482
Mean loss sec.ft.	822	522	127	- 58	73	297
Total loss ac.ft.	50,520	31,050	7,840	-3,570	4,370	90,210

Due to high reservoir stages during 1936 the seasonal net loss in this section, which includes American Falls Reservoir, was about five times as great as during the low stages of the preceding year. A study of the records in high water years since the reservoir was built indicates that losses at reservoir heights approaching the present capacity of 1,700,000 acre-feet are at an average rate of about 40,000 acre-feet per month during the months when records are available. At lower stages of the reservoir, however, the losses are much less, and in years of rapid drawdown and low reservoir levels, the gain from bank storage return is often sufficient to entirely overcome losses during the drawdown period.

Loss in Snake River, Neeley to Minidoka stations
1936
 (Minidoka dates and 24-hr. sec.-ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Neeley	466,520	484,670	346,960	318,400	180,440	1,796,990
Walcott draft	-6,373	2,440	-1,437	3,988	20,621	19,239
Total supply	460,147	487,110	345,523	322,388	201,061	1,816,229
No. Minidoka	48,490	36,886	47,130	40,200	25,337	198,043
So. Minidoka	36,895	27,650	38,030	35,285	24,579	162,439
Minidoka	371,450	412,830	254,770	244,610	151,530	1,435,190
Total use	456,835	477,366	339,930	320,095	201,446	1,795,672
Total loss s.f.	3,312	9,744	5,593	2,293	-385	20,557
Mean loss s.f.	107	325	180	74	- 13	134
Total loss ac.ft.	6,569	19,327	11,093	4,548	-764	40,773

The gain in September was due to drawdown of Lake Walcott during the latter part of that month.

Gain in Snake River, Minidoka to Milner stations
1936
 (Milner dates and 24-hr. sec.-ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Minidoka	367,670	415,660	254,760	245,010	154,100	1,437,200
P. A.	1,749	1,779	1,914	1,895	1,719	9,056
Gooding	52,292	58,890	68,370	62,950	40,738	283,240
Milner Low Lift	4,497	4,170	5,107	3,993	3,264	21,031
N. Milner	80,680	77,190	73,644	69,890	42,849	344,253
S. Milner	105,240	98,260	110,470	110,290	71,500	495,760
Milner	124,433	189,009	3,382	3,821	7,762	328,407
Total use	368,891	429,298	262,887	252,839	167,832	1,481,747
Total gain s.f.	1,221	13,638	8,127	7,829	13,732	44,547
Mean gain s.f.	39	455	262	253	458	291
Total gain ac.ft.	2,421	27,050	16,120	16,528	27,237	88,356

During the months of storage release, July to September, inclusive, the net gain from Neeley to Milner amounted to 44,000 acre-feet which was credited to the storage supply for the Minidoka Project.

DISTRIBUTION ON HENRYS FORK

Water distribution on Henrys Fork and its tributaries was handled by Melvin Luke, Deputy Watermaster, with headquarters at St. Anthony.

The run-off of Fall and Teton rivers was considerably improved over recent years but the run-off of Henrys Fork from the Island Park area was far below normal.

Henrys Lake stored 25,700 acre-feet or 32% of its capacity. The Enterprise Irrigation District had 25,104 acre-feet of American Falls rights and the Fremont-Madison Reservoir District rented 19,763 acre-feet of lapsed lease space from the American Falls Reservoir District and distributed same among various canals in the Ashton-Rexburg section. Canals in this section also rented 3,962 acre-feet of water from the Pool. From these various sources an amount of storage was made available and exchanged for natural flow to take care of the more pressing requirements and except for several canals on Fall River and Teton River the available water supplies were generally adequate to mature the crops.

The following table is a summary of water deliveries during years of available records to canals in the Henrys Fork area.

Diversions by canals diverting from Henrys Fork,
Fall River and lower Teton River.
(Thousands of acre-feet)

<u>Year</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
1919	229	188	101	94	82	694
1920	171	241	190	141	96	839
1921	177	206	199	143	84	809
1922	157	253	190	145	93	838
1923	181	206	204	148	112	851
1924	243	177	138	98	76	732
1925	176	210	197	148	95	826
1926	246	186	149	111	84	776
1927	149	220	224	167	103	863
1928	224	197	211	155	108	895
1929	163	239	199	156	102	859
1930	201	220	159	138	102	820
1931	200	156	100	72	62	590
1932	206	223	193	152	98	872
1933	161	266	175	142	90	834
1934	166	117	86	48	42	459
1935	187	236	170	104	79	776
1936	217	217	177	138	105	854
Average*	189	226	191	150	101	857
Per cent of seasons total	22.1	26.3	22.3	17.5	11.8	100

*Last 10 years excluding 1931, 1934 and 1935.

It will be observed that June is the month of maximum diversion with much heavier diversion during May than by canals on the main Snake River. July is the month of maximum water demand by the crops but due to lack of storage supplies the canals in the Henrys Fork area have been obliged to rely on natural flow, taking it when available. The unusually heavy use during May is largely due to diversions for the purpose of raising the "sub" under Egin Bench and in the section from St. Anthony to Rexburg. Excluding dry years these canals from Henrys Fork, Fall and Teton rivers have diverted an average of about 25,000 acre-feet more water each year during the past 10 years than they did prior thereto. This increased

diversion is principally due to supplies from Henrys Lake, American Falls water owned by the Enterprise Irrigation District and other stored water rented by various canals and exchanged for natural flow that, under the schedule of priorities in effect, should come down Henrys Fork and be delivered to canals on Snake River.

Nearly all the available natural flow in Henrys Fork was exchanged for storage during July and August 1936 but about 13,000 acre-feet was carried past the lowest canal heading on Henrys Fork during September for delivery to prior rights on Snake River.

The U. S. Bureau of Reclamation continued during 1936 the investigation of existing gains to Henrys Fork in the section to be occupied by the Island Park Reservoir.

Due to rented stored water available from American Falls Reservoir by exchange, it proved possible to hold over about 8,500 acre-feet at Henrys Lake on September 30, 1936.

The following schedule of rights was in effect on Henrys Fork and Fall River during 1936:

- June 22 - Cut off rights later than 1903 priority.
- June 25 - Cut off rights later than 1900 priority.
- June 26 - Cut off rights later than 1896 priority.
- June 27 - Filled 50% June 14, 1895 right.
- June 28 - Filled 75% June 14, 1895 right.
- June 30 - Cut off 1895 rights.
- Balance of year same schedule as main river shown on page 7.

The following schedule applied to Teton River:

- July 6 - Cut off 1898 rights.
- July 18 - Cut off rights later than 1889 priority.
- July 20 - Filled 70% June 1, 1885 rights.
- July 30 - Filled 40% June 1, 1885 rights.
- Aug. 9 - Filled 30% June 1, 1885 rights.
- Aug. 17 - Filled 25% June 1, 1885 rights.
- Aug. 21 - Filled 20% June 1, 1885 rights.
- Aug. 25 - Filled 10% June 1, 1885 rights.
- Aug. 31 - Cut off all 1885 rights.
- Sept. 4 - Filled 10% June 1, 1885 rights.

Daily diversions by Henrys Fork canals are shown on Plates 16-20 inclusive and segregation of flow at the various river stations, storage diversions, etc., are shown on Plates 21 and 22.

Henrys Lake reached a maximum content of 25,700 acre-feet which was allotted to the various owners of space in the reservoir as follows:

Last Chance, 3930; Salem Union 6220; Independent 6890; Consolidated Farmers 5170; St. Anthony Union 1745, and Egin 1745.

Losses on Henrys Lake stored water were charged on the same basis as in past years, namely, 1.5% Lake to Warm River and 0.5% Warm River to Ashton. These losses were recommended by Mr. Meeker some years ago and have since been used. It is apparent however, from a study of the past records, that they are too low, particularly in the section known as the outlet channel extending from Henrys Lake to the mouth of Big Springs channel. The channel in that section is narrow and tortuous and running storage causes considerable overflow and irrigation of adjacent wild meadow grass and willows. It is recommended that future losses on storage being delivered down Henrys Fork be charged as follows: Lake to Island Park 4%; Island Park to Warm River 2%; Warm River to Ashton 0.5%.

The following tabulation of diversions and irrigated acreages is similar to that previously given for the main Snake River.

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Table showing diversions and irrigated areas
Henrys Fork canals - 1936

Canal	Irr. season diversions	Area under canal	Area irrigat- ed 1936	Diversions acre-feet per acre irrigated
<u>FALL RIVER CANALS</u>				
Yellowstone	0	5,000	0	0
Harrigfeld	0	3,500	0	0
Marysville	11,600	15,000	8,000	1.5
Farmers Own	5,180	11,000	4,000	1.3
Almy	268	60	50	5.4
Enterprise	36,200 (a)	7,000	6,000	6.0
Bell	1,930	160	160	12.1
Fall River	91,000	8,000	8,000	11.4
McBee	1,840	470	200	9.2
Chester	8,620	2,000	1,000	8.6
Silkey	3,310	620	420	7.9
Curr	9,000	1,570	1,500	6.0
Total Fall River	168,948	54,380	29,330	5.8
<u>HENRYS FORK CANALS</u>				
Dewey	3,000	1,670	1,200	2.5
Last Chance	11,900	1,840	1,840	6.4
St. Anthony Union	129,000	10,000	10,000	12.9
Farmers Friend	25,600	4,000	2,900	8.8
Twin Groves	25,800	2,500	2,200	11.7
Salem Union	44,000	5,300	5,000	8.8
Egin	87,200	8,190	8,000	10.9
St. Anth. Union Feeder	23,200	2,500	2,500	9.3
Independent	55,400	7,000	7,000	7.9
Consol. Farmers	51,000	8,000	6,000	8.5
Total Henrys Fork	456,100	51,000	46,640	9.8
<u>TETON RIVER CANALS</u>				
Siddoway	3,260	600	600	5.4
Wilford	27,100	2,000	2,000	13.6
Teton Irrigation	17,300	3,000	2,700	6.4
Good Luck	3,780	328	328	11.5
Pioneer	4,120	400	400	10.3
Stewart	4,670	360	360	13.0
Pincock-Byington	3,200	340	300	10.7
Pincock Garner	4,660	580	450	10.3
Teton Island Feeder	77,900	10,700	9,500	8.2
North Salem	2,160	600	600	3.6
Roxana	3,620	100	640	5.6
Island Ward	7,660	3,300	2,000	3.8
Woodmansee-Johnson	3,520	1,200	1,150	3.1
City of Rexburg	11,000	1,295	1,000	11.0
Rexburg Irrig.	52,500	5,645	5,282	10.0
Saury-Sommers	2,910	660	500	5.8
Total Teton River	229,360	31,108	27,810	8.2
Total Fall River, Henrys Fork & Teton River	884,408	136,488	103,780	8.2

(a) Excludes 2588 acre-feet diverted for Teton River canals.
Period of record May to September inclusive.

The total diversions for the season were about 78,000 acre-feet greater than during 1935.

River losses and gains in Henrys Fork Basin.

The following tabulation shows losses and gains by months in various river sections on Henrys Fork, Fall and Teton rivers. The following time intervals have been used in preparing the tabulation:

Lake to Island Park	1 day.
Island Park to Warm River	1 "
Warm River to Ashton	$\frac{1}{2}$ "
Ashton to St. Anthony	$\frac{1}{2}$ "
St. Anthony to Rexburg	$\frac{1}{2}$ "
Squirrel to Chester	$\frac{1}{2}$ "

Gain in Henrys Fork, Lake to Island Park stations - 1936
(Island Park dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Lake	62	399	6,980	1,899	1,101	10,441
Island Park	25,462	14,931	18,058	13,286	12,288	84,025
Total gain s.f.	25,400	14,532	11,078	11,387	11,187	73,584
Mean gain s.f.	819	484	357	367	373	481
Total gain a.f.	50,380	28,824	21,973	22,586	22,189	145,952

The total gain in this section was about 10,000 acre-feet less than in 1935, most of the shortage occurring in June. The average gain, July to September, was about the same as during the preceding year.

Gain in Henrys Fork Island Park to Warm River - 1936
(Warm River dates and 24-hr. sec.-ft. except as noted)

Station	May	June	July	Aug.	Sept.	Season
Island Park	26,049	14,935	17,990	13,410	12,591	84,775
Warm River	41,680	26,775	28,043	23,481	22,416	142,395
Total gain s.f.	15,631	11,840	10,053	10,071	10,025	57,620
Mean gain s.f.	504	395	324	325	334	377
Total gain a.f.	31,004	23,484	19,940	19,976	19,885	114,289

The gain in this section, July to September, averaged about the same as during 1935. The gain during May and June however, was in excess of the 1935 gain resulting in the average gain for the 5 months during 1936 being 13 sec.-ft. more than in 1935.

Gain in Henrys Fork, Warm River to Ashton station - 1936
(Ashton dates and 24-hr. sec.-ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Warm River	42,148	26,835	27,973	23,578	22,446	142,980
Ashton	66,640	38,460	37,900	32,284	30,702	205,986
Total gain s.f.	24,492	11,625	9,927	8,706	8,256	63,006
Mean gain s.f.	790	388	320	281	275	412
Total gain a.f.	48,579	23,058	19,690	17,268	16,376	124,971

The gain in this section, which is supplied by inflow from Warm River and Robinson Creek, was about 13,000 acre-feet greater during the 5-months period than during the same months in 1935.

Gain in Fall River, Squirrel to Chester stations - 1936
(Chester dates and 24-hr. sec.-ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Squirrel	77,020	55,372	20,956	18,833	15,544	187,725
Diversions	14,211	21,087	17,440	14,967	12,969	80,674
Chester	74,890	40,426	5,191	4,082	2,948	127,537
Tot. acct. for	89,101	61,513	22,631	19,049	15,917	208,211
Total gain s.f.	12,081	6,141	1,675	216	373	20,486
Mean gain s.f.	390	205	54	7	12	134
Total gain a.f.	23,962	12,181	3,322	428	740	40,633

The gain in this section, which is supplied principally from run-off of Conant Creek, was 9,000 acre-feet more during the above period than during the same period in 1935. The gain is a negligible matter during the latter part of the season and in some years a loss occurs.

Gain in Henrys Fork, Ashton to St. Anthony stations - 1936
(St. Anthony dates and 24-hr. sec.-ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Ashton	67,380	38,610	37,840	32,389	30,750	206,969
Chester	74,700	41,653	5,331	4,071	2,913	128,668
Total supply	142,080	80,263	43,171	36,460	33,663	335,637
Diversions	36,818	30,565	24,799	16,912	12,603	120,697
St. Anthony	109,000	51,534	19,553	19,922	19,457	219,466
Tot. acct. for	144,818	82,099	44,352	36,834	32,060	340,163
Total gain s.f.	2,738	1,836	1,181	374	-1,603	4,526
Mean gain s.f.	88	61	38	12	-53	30
Total gain a.f.	5,431	3,641	2,342	742	-3,179	8,977

Loss in Teton River,
St. Anthony to lowest diversion - 1936
(24-hr. sec.-ft. except as noted)

<u>Station</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Period</u>
St. Anthony	23,538	18,051	15,200	56,789
Diversions	23,942	18,944	14,861	57,747
Total loss s.f.	-404	-893	339	-958
Mean loss s.f.	- 13	- 29	11	- 10
Total loss a.f.	-801	-1771	672	-1,900

The flow of Teton River was all diverted by the canals during the above period. Due to high water in May and June the "sub" in this section rose high enough to produce a small gain during July and August, compared to a loss which has existed during recent dry years.

Gain in Henrys Fork, St. Anthony to Rexburg stations-1936
(Rexburg dates and 24-hr. sec.-ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
St. Anthony	109,800	52,770	19,534	19,944	19,462	221,510
Teton River	46,841	26,818	0	0	0	73,659
Total supply	156,641	79,588	19,534	19,944	19,462	295,169
Diversions	31,939	24,843	21,501	18,388	12,624	109,295
Rexburg	127,170	77,982	16,222	16,527	17,184	255,085
Total acct. for	159,109	102,825	37,723	34,915	29,808	364,380
Total gain s.f.	2,468	23,237	18,189	14,971	10,346	69,211
Mean gain s.f.	80	775	587	483	345	452
Total gain a.f.	4,895	46,090	36,077	29,695	20,521	137,278

The total gain in this section during the above period, resulting from upstream irrigation, amounted to 16% of the seasonal diversions by upstream canals.

Regulation in Teton Basin

Mr. W. I. Nielsen was appointed as deputy watermaster in Teton Basin and started work on July 22nd following request for regulation made by users on lower Teton River.

Users on various streams in Teton Basin rented a total of 3642 acre-feet of water at 50 cents per acre-foot, of which it proved possible to divert 1832 acre-feet of stored water exchanged for natural flow in Fall River and 1810 acre-feet of which was natural flow from lower Teton River users which could not be replaced by water from Fall River due to lack of canal capacity.

Following are the results of various measurements made during 1936.

Loss in Trail Creek

		Aug. 7, 1936		
Game Creek	Gage	0.50	Discharge	18.83 sec.-ft.
Trail Creek	"	0.95	"	69.54 " "
			Total supply	88.37 " "

Diversions

String Canal	Gage	0.41	Discharge	34.52 sec.-ft.
Kimball "			9.51	" "
Kersley "			3.13	" "
Hotel "			0.70	" "
Humble "			1.47	" "
Spencer "			.60	" "
Tonks "			6.20	" "
Savemill "			0.40	" "
Porter "			2.93	" "
Town "			12.46	" "
			71.92	" "
			4.05	" "
			75.97	" "
			12.40	" "

Total diversions
Trail Creek below diversions
Total acct. for
Loss

Miscellaneous measurements

<u>Stream</u>	<u>Location</u>	<u>Date</u>	<u>Gage</u>	<u>Discharge (sec.-ft.)</u>
Trail Creek	Above String Canal	July 26	-	84.1
Game Creek	At highway	July 26	0.61	22.7
Fox Creek	Above diversions	July 25	-	18.9
do.	do.	Aug. 14	-	11.9
Darby Creek	do.	July 28	-	26.0
do.	do.	Aug. 14	-	14.5
Teton Creek	At upper diversion	Aug. 15	-	33.1
So. Leigh Creek	Above diversions	Aug. 15	-	13.6
No. Leigh Creek	" "	Aug. 15	-	6.2
Paradise Creek	At road	Aug. 13	-	5.9
Boquet Creek	Above diversions	Aug. 13	-	2.0
Patterson Creek	" "	Aug. 13	-	2.4
Grove Creek	At road	Aug. 13	-	2.2
Creek So. of Grove Creek	Above diversions	Aug. 13	-	1.5
Spring Creek	Highway SW of Victor "	13	0.66	10.6

The following miscellaneous measurements were made at various points on tributaries of Henrys Fork during 1936:

<u>Stream</u>	<u>Location</u>	<u>Date</u>	<u>Discharge (sec.-ft.)</u>
Canyon Cr. Canal	Head	July 11	25.0
do.	do.	July 28	15.4
do.	do.	Aug. 19	11.8
Conant Cr. Canal	do.	Aug. 4	19.0
Teton Island Pump	Near Rexburg	Sept. 14	3.5
Split Creek	Above Beaver dams nr. Island Park	Oct. 2	5.6
do.	Below Beaver dams at Island Park Ranger station	Oct. 2	1.5

Distribution in Swan Valley

Frank S. Thomas was selected by the users in this section as their local watermaster. Users on Palisade and Rainy creeks paid him directly for services regulating water on those streams while he was paid by the watermaster of District No. 36 for services regulating water on several upstream creeks. Due to heavy rains in this section during August the demand for water to rent was less than in recent years and only 524 acre-feet of storage was rented.

Climatological Data

Monthly records showing actual and normal precipitation at various long-time record stations are shown in the following tabulation:

Precipitation in inches
(Actual and normal for year ending Sept. 30, 1936)

<u>Month</u>	<u>Snake R., Wyo.</u>		<u>Moran, Wyo.</u>		<u>Irwin, Ida.</u>		<u>Ashton, Ida.</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. 1935	1.05	2.16	0.65	1.79	0.54	1.22	1.14	1.20
Nov.	2.12	2.76	1.68	1.82	.99	1.00	.91	1.19
Dec.	2.26	2.73	1.38	1.72	.80	1.17	1.91	1.56
Jan. 1936	8.55	3.68	5.12	2.46	1.19	1.50	3.16	1.82
Feb.	7.50	2.98	5.78	2.20	3.33	1.12	3.14	1.29
Mar.	4.32	3.61	2.75	2.56	.42	1.32	1.12	1.14
Apr.	2.54	1.96	1.78	1.60	1.52	.86	1.13	1.18
May	0.87	2.40	1.03	1.98	1.21	1.66	.45	1.97
June	2.51	2.19	2.28	1.57	1.53	1.38	1.69	1.44
July	1.95	1.52	1.75	1.12	.92	.93	1.18	.93
Aug.	1.80	1.48	1.50	1.34	2.22	.98	1.85	.70
Sept.	.86	1.78	1.22	1.61	.03	1.24	.47	1.16
Year	36.33	29.25	26.92	21.77	14.70	14.38	18.15	15.58

<u>Month</u>	<u>Idaho Falls</u>		<u>Blackfoot</u>		<u>Pocatello</u>		<u>Twin Falls</u>		<u>Mean 8 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. 1935	0.97	1.06	1.01	0.99	1.09	1.16	0.32	0.90	0.85	1.31
Nov.	.34	.61	.52	.70	.61	.89	.72	1.08	0.98	1.26
Dec.	.57	.97	.51	.91	.74	1.21	.46	.89	1.08	1.42
Jan.	1.72	1.10	1.62	.98	2.46	1.39	3.61	1.09	3.43	1.75
Feb.	1.10	1.03	1.50	.79	2.04	1.31	1.20	0.91	3.20	1.45
Mar.	.76	.86	.68	.88	1.48	1.31	.48	.96	1.50	1.58
Apr.	.72	.89	.53	.89	.97	1.43	.45	.98	1.20	1.22
May	1.35	1.37	.50	1.36	.71	1.52	.41	.99	0.82	1.66
June	.36	1.10	.39	.87	1.03	1.09	1.60	.68	1.42	1.29
July	.60	.61	1.23	.70	2.44	.77	.47	.37	1.32	.87
Aug.	.38	.61	.29	.63	1.92	.71	.89	.21	1.36	.83
Sept.	0	.81	.18	.84	.20	.81	.30	.55	0.41	1.10
Year	8.87	11.02	8.96	10.54	15.69	13.60	10.91	9.63	17.57	15.74

The annual precipitation was above normal at six out of the eight stations, deficiencies occurring only at Idaho Falls and Blackfoot. Precipitation was generally very heavy during January and February when practically all of the annual excess over normal accumulated. May was, on an average throughout the drainage basin, the month of greatest deficiency, the precipitation during that month being about 50% of normal.

Late crops were damaged by a freeze about the middle of September when the temperature for several consecutive nights dropped to about 24 degrees.

EXPENDITURES DURING YEAR ENDING DEC. 31, 1936

Engineers & Hydrographers

Lynn Crandall,	Salary 1 year	\$4800.00
W. V. Iorns,	" " "	2720.82
Melvin Luke,	" 5.5 mos. @ \$175	962.50
L. K. Homer	" 3 " @ \$130	390.00
F. W. Tolles	" 3.27 " @ \$125	408.33
W. I. Nielsen	" 1.3 " @ \$135	175.50
W. N. McConnel	" 4 " @ \$ 50	200.00

Clerk

Effie C. Jones	" 12 mos. @ \$136.04	1632.50
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River Riders

J. N. Bean	1-18/30 mo. @ \$20, incl. mileage	32.00
D. R. Crystal	102 days @ \$5.50 " "	561.00
H. M. Bramwell	102 " @ \$5.50 " "	561.00
Eugene Liljenquist	102 " @ \$5.00 " "	510.00
R. S. Boal	42 " @ \$5.50 " "	231.00
Walter C. Lenz	3 mos. @ \$40.00 " "	120.00
F. S. Thomas	54 $\frac{1}{2}$ hrs. @ .50 " "	27.25
D. W. Archibald	79 days @ \$6.00 " "	474.00
Laborers		14.78

Miscellaneous

Transportation, 41,243 miles @ 6¢ a mile,	2474.58
Telephone & telegraph,	285.59
Supplies & equipment,	552.22
Gage readers,	538.83
Construction & repairs,	226.40
Bond premium & insurance,	69.25
Miscellaneous,	334.95

Total \$18,302.50

Expenditures from various funds

Normal flow users	\$6547.87
Jackson Lake & American Falls storage	4303.85
Storage Sales account	454.59
Henry's Lake storage users	56.74
Twin Lakes " "	4.38
State of Idaho Stream Gaging fund	2168.00
U. S. Geological Survey	4707.07
Federal Power Commission	60.00
Total,	<u>\$18,302.50</u>

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$195.37 which was prorated among upper valley canals.

Funds on hand Jan. 1, 1937

U. S. Geological Survey	315.23
State of Idaho	00
Normal Flow fund	2911.62
North Fork Reservoir Co.	00
Twin Lakes storage users	3.97
Storage Sales account	<u>5489.71</u>
Total,	<u>\$ 8,720.53</u>

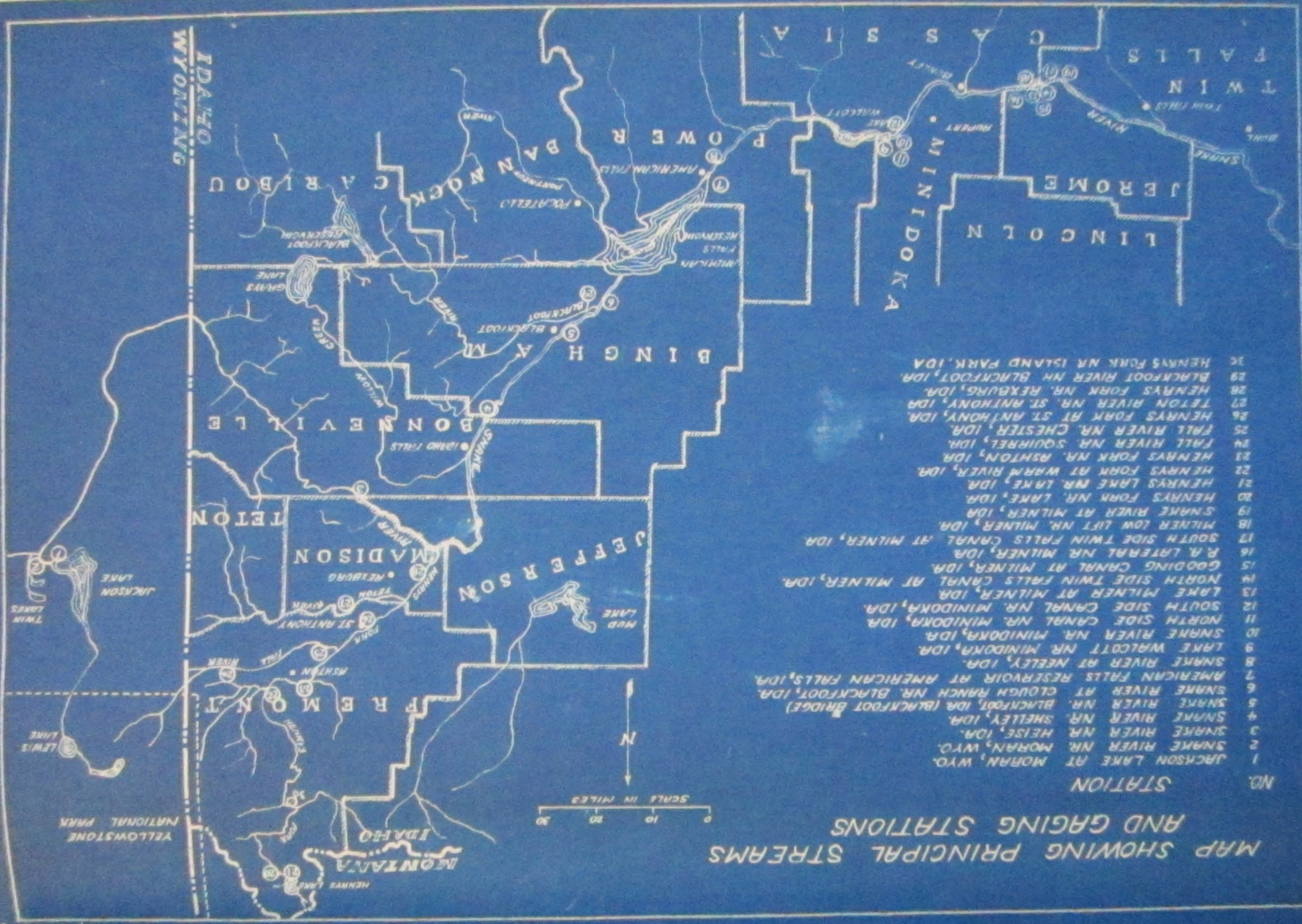
MAP SHOWING PRINCIPAL STREAMS AND GAGING STATIONS

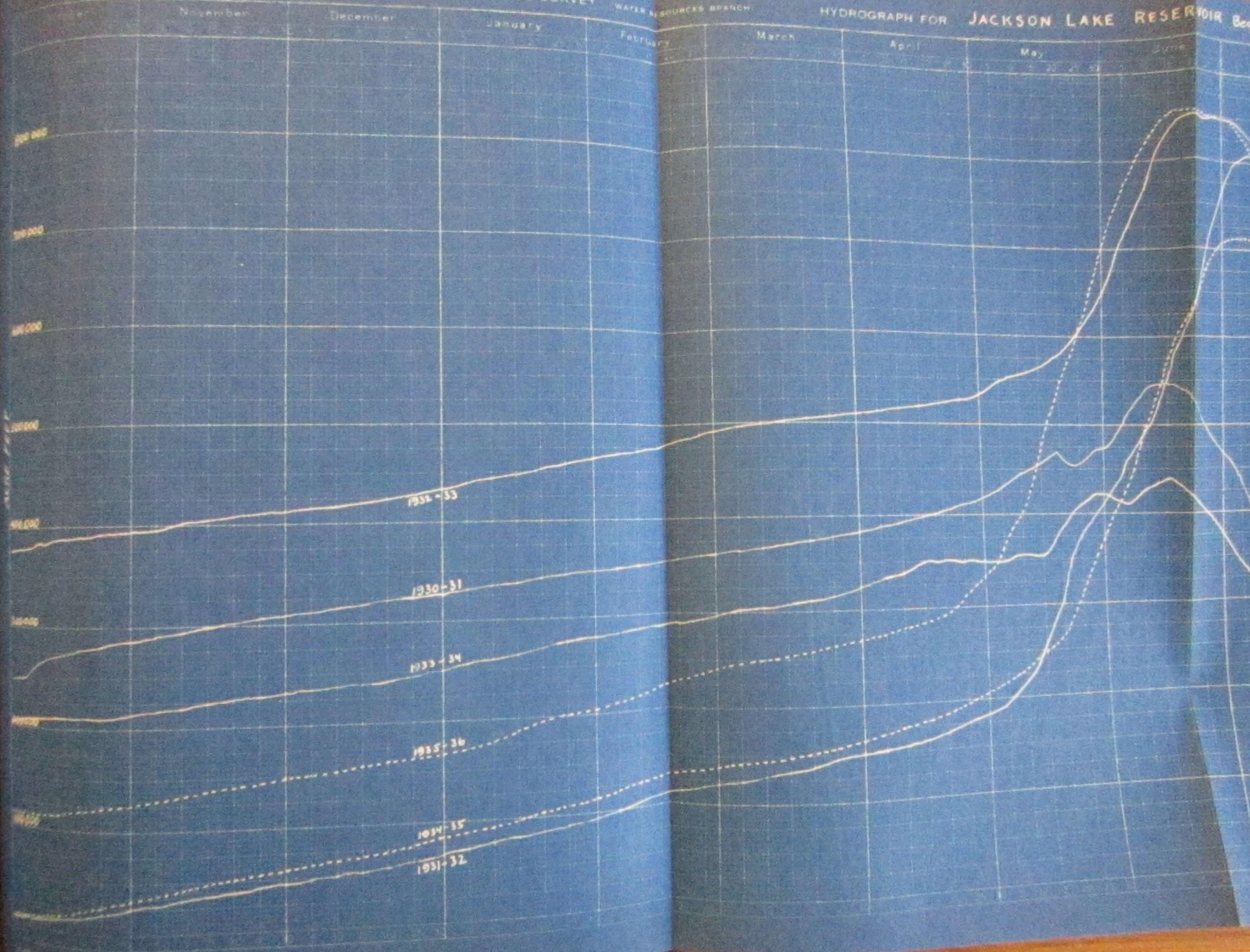
STATION NO.

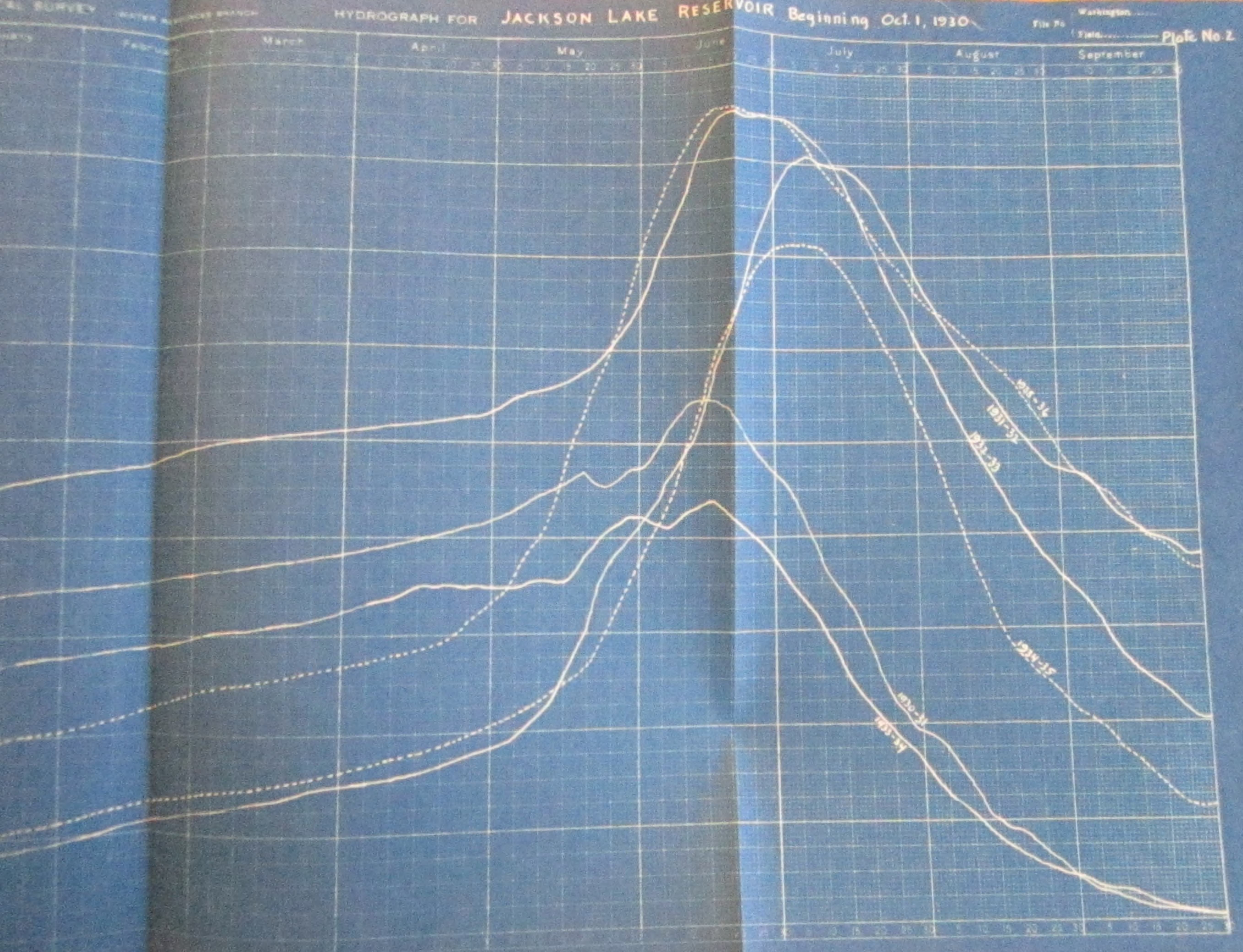
- 1 JACKSON LAKE AT MORAN, WYO.
- 2 SNAKE RIVER NR. MORAN, WYO.
- 3 SNAKE RIVER NR. HEISE, IDA.
- 4 SNAKE RIVER NR. SHELLEY, IDA.
- 5 SNAKE RIVER NR. BLACKFOOT, IDA. (BLACKFOOT BRIDGE)
- 6 SNAKE RIVER AT CLOUGH RANCH NR. BLACKFOOT, IDA.
- 7 AMERICAN FALLS RESERVOIR AT AMERICAN FALLS, IDA.
- 8 SNAKE RIVER AT NEELY, IDA.
- 9 LAKE WALCOTT NR. MINIDOKA, IDA.
- 10 SNAKE RIVER NR. MINIDOKA, IDA.
- 11 NORTH SIDE CANAL NR. MINIDOKA, IDA.
- 12 SOUTH SIDE CANAL NR. MINIDOKA, IDA.
- 13 LAKE MILNER AT MILNER, IDA.
- 14 NORTH SIDE TWIN FALLS CANAL AT MILNER, IDA.
- 15 GOODING CANAL AT MILNER, IDA.
- 16 R.R. LATERAL NR. MILNER, IDA.
- 17 SOUTH SIDE TWIN FALLS CANAL AT MILNER, IDA.
- 18 MILNER LOW LIFT NR. MILNER, IDA.
- 19 SNAKE RIVER AT MILNER, IDA.
- 20 HENRY'S FORK NR. LAKE, IDA.
- 21 HENRY'S LAKE NR. LAKE, IDA.
- 22 HENRY'S FORK AT WARM RIVER, IDA.
- 23 HENRY'S FORK NR. ASHTON, IDA.
- 24 FALL RIVER NR. SQUIRREL, IDA.
- 25 FALL RIVER NR. CHESTER, IDA.
- 26 HENRY'S FORK AT ST. ANTHONY, IDA.
- 27 TETON RIVER NR. ST. ANTHONY, IDA.
- 28 HENRY'S FORK NR. REXBURG, IDA.
- 29 BLACKFOOT RIVER NR. BLACKFOOT, IDA.
- 30 HENRY'S FORK NR. ISLAND PARK, IDA.

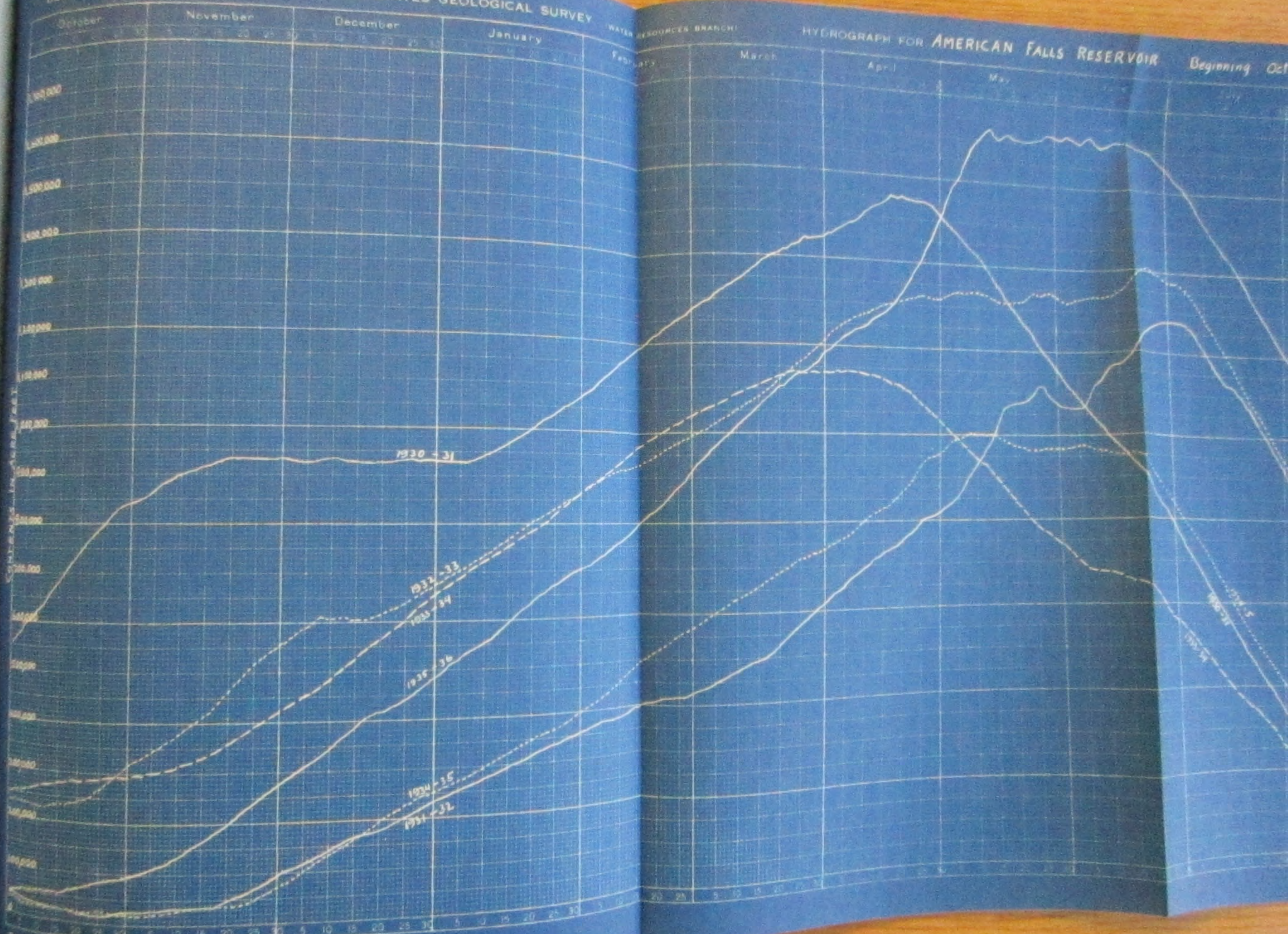


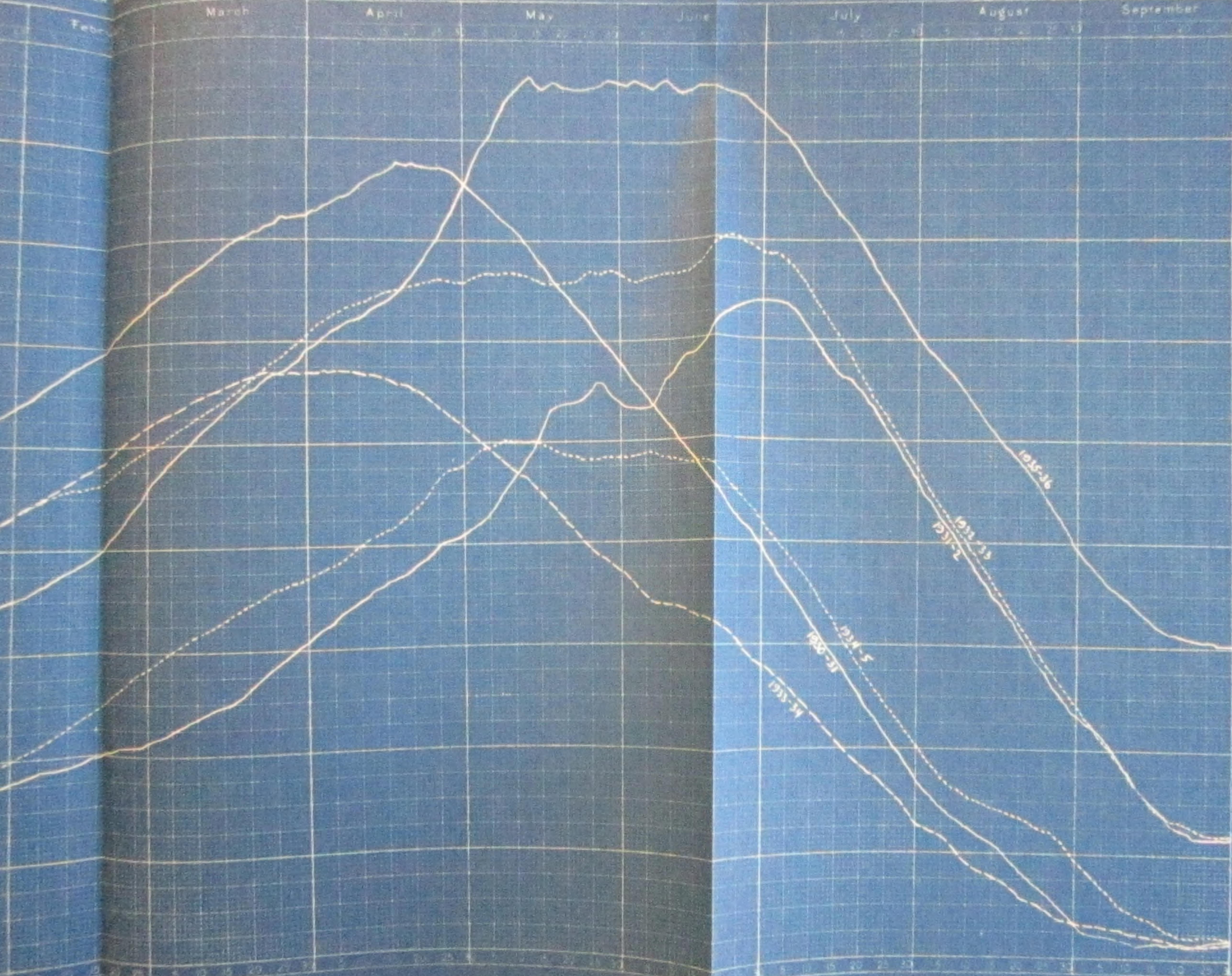
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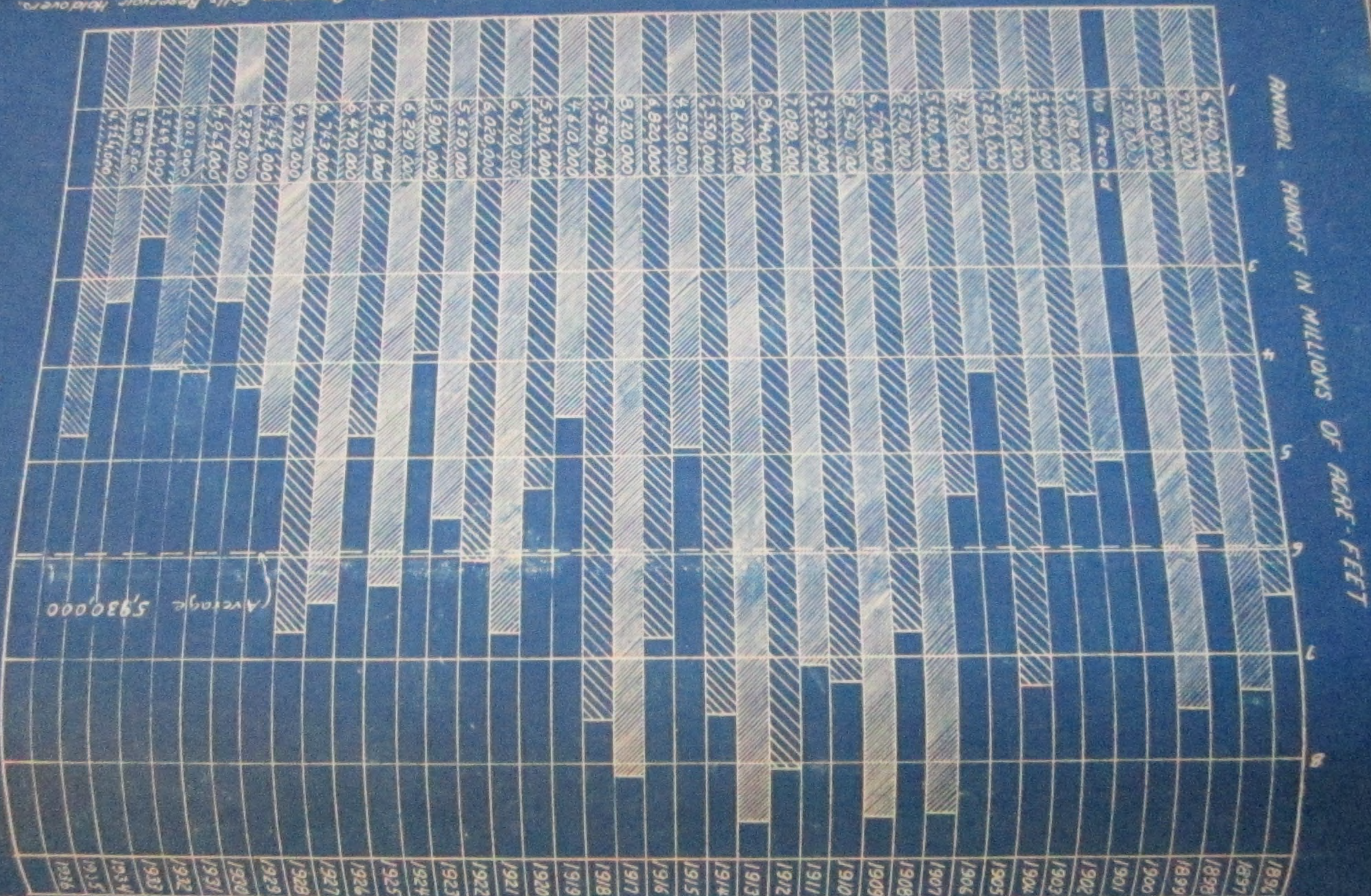






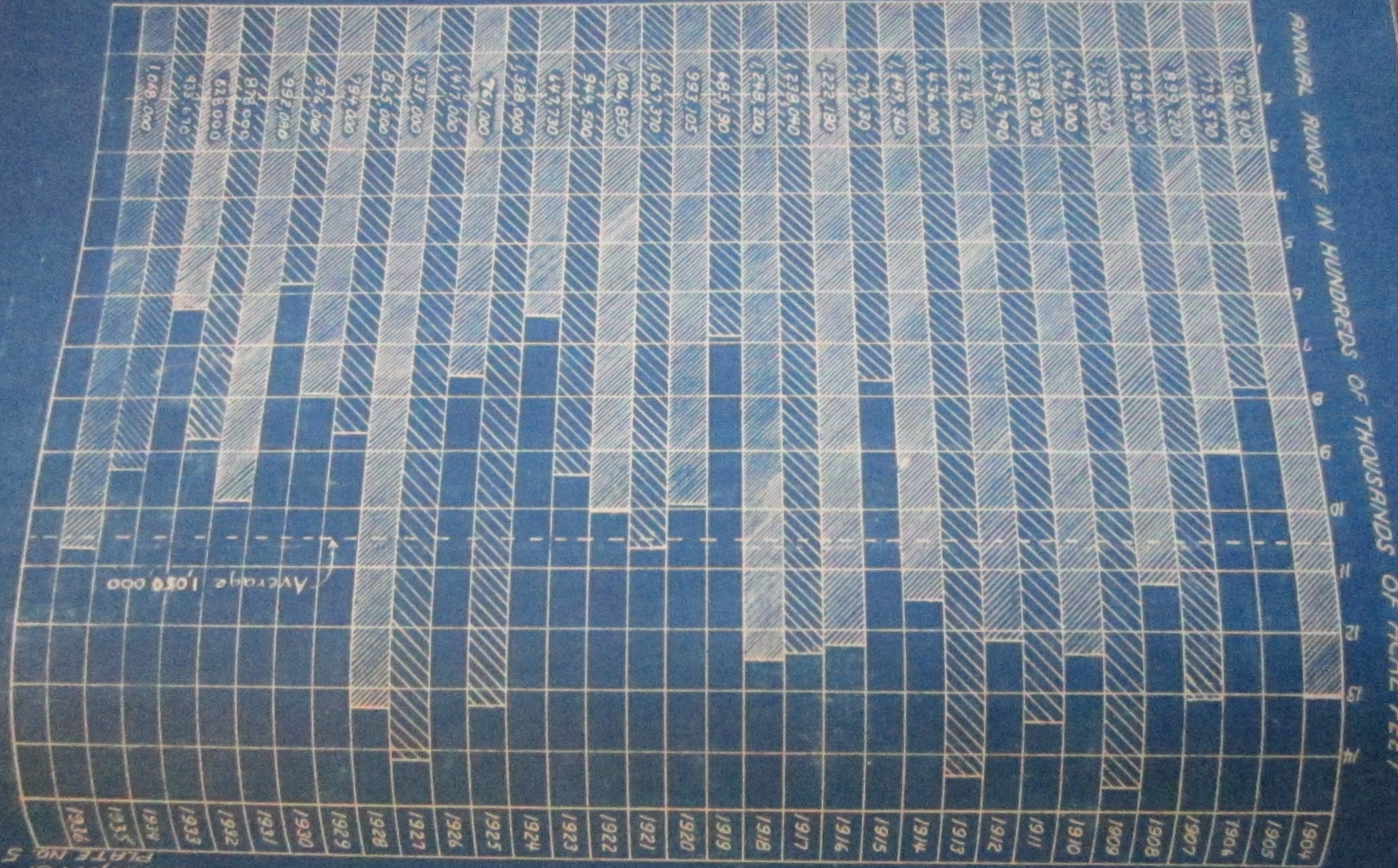
BARGRAPH SHOWING TOTAL ANNUAL RUNOFF IN ACRES-FEET OF SNAKE RIVER AT NELLE, IDAHO (MONTGOMERY FERRY PRIOR TO 1906)

PLATE NO. 4



Note: Runoff totals are for climatological year ending Sept. 30th, and are corrected for American Falls Reservoir holdovers.

DIAGRAM SHOWING TOTAL ANNUAL RUNOFF IN ACRE-FEET OF SNAKE RIVER AT MORAN, WYO.
 PLATE NO. 5



Note: Runoff totals are for climatological year ending Sept 30th and are corrected for Jackson Lake holdovers

DAILY DISCHARGE IN SEC-F.T. OF SNAKE RIVER CHANNELS FOR MAY 1936

[illegible]

[illegible]

ONLY DISCHARGE IN SECT OF SWANE RIVER CANALS FOR JULY 1986

TOTAL HEISE TO SHELLEY		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	92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STREAM	MAY	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	JUNE	1	2	3	4	5	6	7	8	9					
BIG JIMMY CREEK	33	33	33	33	33	33	33	33	33	33	33	33	33	34	34	35	35	35	36	36	36	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37		
PORTNEUF RIVER INFLOW BELOW POCAHELLO	260	260	260	260	260	260	260	260	260	258	255	253	251	250	240	245	270	275	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276
BIG SPRING CREEK	420	420	420	420	420	418	417	415	414	413	412	411	410	415	420	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422
CLEAR CREEK	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	
FORD CREEK	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
KINNEY CREEK	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
WIDE CREEK	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	
PYLE CREEK	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
McTUCKER SPRINGS	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	
HULL 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	6	6	6	6	6	6	6	6	
TANNER SPRINGS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
PORTNEUF RIV. AT POCAHELLO	778	778	778	778	778	757	737	716	695	675	654	630	618	582	547	512	477	442	406	369	332	300	250	231	212	192	173	155	155	154	153	152	152	160	169	177	177	184	188	188	188	188	188	188	188	188	
CRYSTAL DITCH	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
CRYSTAL WASTE	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
DANIELSON SPRINGS	30	30	30	30	30	30	30	30	30	30	30	30	32	34	36	38	40	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
ARTESIAN SPRINGS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
STERLING WASTE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
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	1	1	1	1	1	1	1	1	1	
ABERDEEN WASTE	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	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
TARTAR WASTE	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
SCHILTZ WASTE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
CEDAR WASTE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
ROSS FORK	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32							

INFLOW TO AMERICAN FALLS RESERVOIR
Clough to Neeley Stations

Clough to Neeley Stations

24 HOUR SECOND FEET

[illegible]

[illegible]

DATE	JACKSON LAKE Contents Ac Fe	MORAN			TWIN LAKES STORED	MORAN + TWIN LAKES STORED	MORAN - HEISE LOSS STORED	DIVERSION MORAN - HEISE STORED	DATE	HEISE + RILEY			DIV. HEISE - SHELLEY			HEISE - SHELLEY LOSS STORED	REXBURG	DATE	SHELLEY			DIV.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		STOR.	NORM.	TOTAL						STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL				STOR.	NORM.	TOTAL		STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING STA

DATE	TOTAL	DIV. SHELLEY-BLACKFOOT			SHELLEY-BLACKFOOT LOSS STORED	THEORETICAL BALANCE STORED AT BLACKFOOT	BLACKFOOT RIVER	24 HOUR SECOND FEET EXCEPT AS NOTED			DATE	AM. FALLS RESERVOIR Contents Ac Ft.	NEELEY			LAKE WALCOTT Contents Ac Ft.	MINIDOKA		
		STOR.	NORM.	TOTAL				CLOUGH	CALCULATED INFLOW CLOUGH TO NEELEY				STOR.	NORM.	TOTAL		NORTH	SOUTH	TOTAL
8870	8870			3573			9		7620	2701	JUN. 23	1705 040	0	11000	11000	98 360	1530	1300	2830
9198	8940			3449	-15	-243	16		7170	2672	24	1701 680	0	10900	10900	97 370	1540	1290	2830
8607	8380			3360	-14	-213	178		6920	2658	25	1698 880	1422	9418	10900	95 670	1530	1300	2830
7290	7530			3359	-13	-197	169		6250	2665	26	1694 960	1985	8715	10900	94 840	1520	1280	2800
7569	7360			3296	-13	-196	192	-243	5728	2679	27	1687 110	2821	8379	11200	93 590	1520	1250	2770
6847	6630			3192	-14	-223	71	-213	5433	2676	28	1679 280	3100	8400	11500	92 390	1510	1260	2770
6102	5920			3237	-11	-171	90	-197	4637	2666	29	1648 110	3291	8109	11400	93 440	1500	1260	2800
4449	4220			2970	4	-444	94	-196	4306	2643	30	1659 810	4097	7303	11400	93 670	1620	1260	2870
4712	4240			3107	-28	-444	37	-223	3853	2632	JUL. 1	1649 860	4651	6949	11600	94 820	1640	1300	2940
3803	4830	0	3326	3326	61	966	11	-171	2931	2632	2	1637 700	4615	6485	11100	94 990	1640	1310	2950
3557	5030	58	3525	3583	85	1320	6	-444	2187	2641	4	1612 250	4046	4824	8870	94 230	1650	1290	2940
3828	5270	60	3505	3565	83	1299	8	778	1534	2640	5	1606 280	4816	4124	8790	94 370	1650	1290	2940
4091	5330	60	3537	3597	71	1108	10	1111	159	2635	6	1592 250	8405	2795	11200	94 140	1650	1290	2940
4052	5150	60	3492	3552	62	976	16	1054	166	2630	7	1575 400	8911	2789	11700	94 140	1650	1290	2940
3442	4860	56	3477	3533	82	1208	27	1317	177	2626	8	1559 120	8908	2792	11700	95 180	1650	1270	2870
3311	4830	430	3129	3559	65	1024	26	1224	174	2617	9	1543 730	8906	2794	11600	95 930	1650	1130	2780
3494	5090	305	3193	3478	77	1214	14	1086	164	2616	10	1529 350	8908	2792	11700	96 390	1640	1100	2740
3757	5420	100	3304	3404	82	1281	19	891	169	2621	11	1513 280	8815	2785	11600	96 870	1530	1090	2620
4389	5700	0	3364	3364	79	1232	81	1159	231	2625	12	1499 170	8704	2774	11500	97 840	1480	1080	2560
4097	5700	0	3370	3377	96	1507	132	1648	282	2622	14	1470 370	8046	2704	11000	99 160	1440	1070	2510
3350	4950	0	3184	3184	96	1504	160	1820	310	2625	15	1455 700	7865	2635	10800	97 370	1390	1080	2470
2914	3970	435	2708	3143	37	584	114	1916	264	2618	16	1445 450	7918	2682	10800	98 320	1420	1070	2490
2435	3530	925	2256	3181	11	159	87	1673	237	2611	17	1432 570	7852	2648	10700	97 570	1430	1120	2550
2414	3800	1050	2135	3185	20	316	47	953	197	2604	18	1412 680	7877	2801	10700	96 370	1490	1260	2750
2072	3620	1501	1777	3278	3	44	36	312	186	2597	19	1401 310	8117	2783	10900	94 880	1440	1260	2700
1879	3480	1516	1696	3212	5	80	25	109	175	2599	20	1386 180	8726	2774	11500	93 530	1490	1290	2780
1591	3440	1466	1587	3049	23	260	31	137	181	2657	21	1370 040	8962	2838	11800	93 980	1450	1310	2760
1674	3730	1527	1503	3030	32	497	16	59	166	2597	22	1351 940	9037	2763	11800	93 370	1540	1320	2860
1851	4040	1626	1303	2929	34	529	10	37	160	2594	23	1335 110	9046	2754	11800	94 600	1560	1300	2860
2612	4520	1620	1244	2864	17	271	6	41	154	2595	24	1314 290	8949	2751	11700	94 600	1560	1310	2870
2720	4660	1529	1244	2773	25	386	6	187	156	2590	25	1298 100	9054	2746	11800	94 620	1550	1270	2820
2432	4260	1202	1527	2729	32	494	19	643	169	2603	26	1283 980	9128	2772	11900	94 890	1490	1270	2760
1985	3900	1169	1468	2637	45	701	42	1168	192	2604	27	1269 840	9004	2796	11800	94 720	1470	1270	2740
4673	3550	1499	1141	2640	23	353	20	1230	170	2604	28	1252 870	9024	2774	11800	95 930	1420	1270	2690
1901	3310	1431	1137	2568	29	449	6	994	156	2603	29	1238 490	8941	2759	11700	96 150	1380	1270	2650
1210	3440	1435	1148	2583	48	747	5	695	155	2602	30	1221 220	8743	2757	11580	96 570	1390	1270	2660
1340	3710	1398	1152	2550	58	914	5	447	153	2599	31	1205 450	8246	2754	11000	96 670	1390	1250	2640
2510	4160	1297	1178	2475	21	332	5	331	155	2617	AUG. 1	1191 800	7828	2772	10600	96 350	1300	1220	2520
2536	4450	656	1780	2436	75	1183	20	535	170	2617	2	1179 540	7223	2787	10000	95 310	1200	1180	2380
2215	4340	506	1713	2219	97	1522	120	840	270	2624	3	1171 080	6796	2894	9870	94 370	1190	1140	2330
2609	3680	807	1716	2223	16	248	146	1454	296	2646	4	1160 280	7158	2942	10100	94 370	1190	1130	2320
2011	2920	334	1424	1758	35	540	221	1699	371	2654	5	1148 750	7275	3025	10300	92 620	1190	1140	2330
1615	2510	185	1532	1717	77	1216	187	1813	337	2658	6	1137 690	7205	2995	10300	91 810	1220	1170	2390
1170	2640	177	1517	1694	68	1069	219	1151	369	2678	7	1125 700	7533	3047	10600	91 490	1280	1250	2530
884	2910	889	1054	1943	25	399	236	914	386	2679	8	1111 050	7935	3065	11000	91 920	1310	1230	2540
1410	2800	966	1103	2069	15	234	212	610	362	2682	9	1096 620	8056	3044	11100	93 070	1320	1220	2540
1606	2920	1065	1107	2172	30	468	208	532	358	2682	10	1084 740	8060	3040	11100	93 900	1320	1200	2520
1658	3170	1014	1108	2122	53	836	49	591	399	2679	11	1067 370	8222	2878	11100	94 720	1230	1160	2390
1402	3270	129	1096	2075			7	371	357	2684	12	1051 540	8159	2841	11000	94 720	1070	974	2044
							2	474	352	2692	13	1037 440	7756	2844	10600	94 870	1110	874	1990
							9	739	359	2698	14	1023 870	7033	2857	9890	97 110			

GAGING STATIONS 1936

T	MINIDOKA CANALS						HOWELLS			DATE	MILNER LAKE GAGE	GOODING PROJECT STORED	NORTH SIDE CANAL CO.					TWIN FALLS CAN. CO.			MILNER LOW LI.		
	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	GOODING				R.A.	MAIN	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
560	1550	1300	2850	0	2850	0	7910	7910	JUN 24	10.87	0	730	61	2790	3581	0	3581	0	3581	3581	0	172	0
550	1540	1290	2830	0	2830	0	8290	8290	25	10.99	0	740	61	2800	3601	0	3601	0	3601	3601	0	172	0
540	1530	1300	2830	104	2726	1538	6752	8290	26	11.03	1270	740	62	2820	3622	420	3622	0	3520	3520	110	0	0
530	1520	1250	2770	371	2379	1781	6189	7970	27	10.94	1270	730	62	2790	3582	582	3000	341	3189	3530	59	0	0
520	1520	1260	2780	380	2400	2200	6000	8200	28	10.66	1300	720	62	2740	3522	522	3000	520	3000	3520	152	0	0
510	1500	1260	2760	731	2109	2140	6000	8140	29	10.70	1310	740	62	2860	3602	602	3000	530	3000	3530	152	0	0
500	1430	1260	2690	1164	1726	2653	5577	8230	JUL 1	10.60	1310	740	62	2830	3632	1055	2577	530	3000	3530	152	0	0
490	1440	1310	2750	741	2209	3584	4276	7860	2	10.54	1310	740	62	2790	3592	1369	2223	530	3000	3530	152	0	0
480	1450	1290	2740	1214	1726	1943	3837	5780	3	10.51	1310	720	62	454	1236	0	1236	550	3000	3550	151	0	0
470	1450	1290	2740	1516	1424	2230	3400	5630	4	10.70	1320	740	62	0	802	0	802	570	3000	3570	152	0	0
460	1450	1290	2740	2166	774	2080	3400	5480	5	10.79	1320	760	62	0	822	422	400	550	3000	3550	152	0	0
450	1450	1290	2740	2940	0	4975	2795	7770	6	10.87	1320	780	62	1230	2072	1672	400	570	3000	3570	150	0	0
440	1450	1290	2740	2940	0	5651	2789	8440	7	10.81	1310	860	62	2650	3572	3243	329	1064	2446	3530	174	0	0
430	1450	1220	2670	2870	0	5668	2792	8460	8	10.91	1350	870	62	2680	3612	3284	328	1099	2461	3560	172	0	0
420	1450	1130	2580	2780	0	5666	2794	8460	9	10.86	1370	860	62	2660	3582	3254	328	1086	2448	3550	169	0	0
410	1440	1100	2540	2740	0	5588	2792	8380	10	10.88	1360	870	62	2640	3572	3243	329	1085	2446	3550	170	0	0
400	1520	1090	2610	2610	0	5915	2785	8700	11	10.68	1350	850	62	2570	3502	3174	328	1066	2444	3530	170	0	0
390	1480	1080	2560	2560	0	5876	2794	8670	12	10.91	1360	880	62	2630	3572	3244	328	1103	2457	3560	170	0	0
380	1480	1080	2560	2560	0	5466	2854	8320	13	10.91	1360	880	62	2620	3562	3233	329	1075	2445	3540	169	0	0
370	1440	1080	2540	2540	0	5676	2904	8580	14	10.87	1360	880	62	2610	3552	3216	336	972	2518	3490	128	0	0
360	1390	1080	2470	2470	0	5585	2935	8520	15	10.88	1360	880	62	2600	3542	3200	342	938	2562	3500	157	0	0
350	1420	1070	2490	2490	0	5668	2882	8550	16	10.86	1360	880	62	2600	3542	3196	346	971	2589	3560	170	0	0
340	1430	1120	2550	2550	0	5932	2848	8780	17	10.82	1360	880	62	2660	3602	3262	340	1068	2542	3610	170	0	0
330	1440	1260	2700	2700	0	6009	2801	8810	18	10.84	1360	880	62	2740	3682	3347	335	1107	2512	3620	171	0	0
320	1440	1260	2700	2700	0	5967	2783	8750	19	10.92	1360	880	62	2720	3662	3332	330	1119	2471	3590	170	0	0
310	1440	1290	2730	2730	0	5926	2774	8700	20	10.94	1370	880	62	2710	3652	3324	328	1135	2455	3590	170	0	0
300	1450	1310	2760	2760	0	5682	2838	8520	21	10.96	1370	880	62	2710	3652	3326	326	1142	2448	3590	169	0	0
290	1540	1320	2860	2860	0	5727	2763	8490	22	10.86	1360	880	62	2690	3632	3307	325	1132	2438	3570	169	0	0
280	1560	1300	2860	2860	0	5706	2754	8460	23	10.87	1370	880	62	2700	3642	3318	324	1140	2430	3570	169	0	0
270	1560	1310	2870	2870	0	5707	2751	8460	24	10.78	1360	880	62	2680	3622	3298	324	1143	2427	3590	169	0	0
260	1550	1270	2820	2820	0	5954	2746	8700	25	10.86	1370	880	62	2700	3642	3319	323	1187	2423	3610	169	0	0
250	1490	1270	2760	2760	0	5978	2772	8750	26	10.98	1370	880	62	2680	3622	3296	326	1144	2446	3590	171	0	0
240	1430	1270	2700	2700	0	5874	2796	8670	27	10.98	1360	880	62	2660	3602	3273	329	1103	2467	3570	172	0	0
230	1420	1270	2690	2690	0	5776	2774	8550	28	11.00	1360	910	62	2620	3592	3266	326	1132	2448	3580	172	0	0
220	1420	1270	2690	2690	0	5821	2759	8580	29	10.98	1360	910	54	2580	3544	3220	324	1145	2435	3580	171	0	0
210	1380	1270	2650	2650	0	5733	2757	8490	30	10.97	1360	910	62	2520	3492	3168	324	1137	2437	3570	168	0	0
200	1390	1270	2660	2660	0	5506	2754	8260	31	10.92	1350	910	62	2490	3462	3138	324	1130	2430	3560	147	0	0
190	1390	1250	2640	2640	0	5398	2772	8170	JUL 2	10.81	1300	900	62	2460	3422	3096	326	1104	2446	3550	134	0	0
180	1360	1220	2580	2580	0	5183	2787	7970	3	10.74	1260	920	62	2460	3442	3114	328	1111	2459	3570	70	0	0
170	1200	1210	2410	2410	0	5046	2894	7940	4	10.62	1260	900	62	2450	3412	3072	340	1036	2554	3590	146	0	0
160	1200	1180	2380	2380	0	5178	2942	8120	5	10.66	1240	910	62	2420	3392	3046	346	1014	2596				

HOWELLS				DATE	MILNER LAKE GAGE	GOODING PROJECT STOR.	NORTH SIDE CANAL CO.				TWIN FALLS CAN. CO.			MILNER LOW LIFT			SNAKE R. AT MILNER		
NORM.	STOR.	NORM.	TOTAL				GOODING	R.A.	MAIN	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
2850	0	7910	7910	JUN 24	10.87	0	720	61	2790	3581	0	3581	0	3570	3570	0	148	148	0
2830	0	8290	8290	25	10.99	0	740	61	2800	3601	0	3601	0	3580	3580	0	151	151	0
2720	1238	6752	8270	26	11.03	1270	740	62	2820	3622	420	3202	0	3550	3550	110	0	110	34
2720	1781	6189	7970	27	10.94	1270	730	62	2790	3582	582	3000	341	3189	3530	63	0	63	29
2379	1970	6000	7970	28	10.66	1300	720	62	2740	3522	522	3000	320	3000	3520	182	0	152	18
2400	2200	6000	8200	29	10.70	1310	740	62	2800	3602	602	3000	530	3000	3530	152	0	152	18
2109	2140	6000	8140	30	10.62	1310	740	62	2820	3622	622	3000	530	3000	3530	152	0	152	18
1724	2653	5577	8230	JUL 1	10.60	1310	740	62	2830	3632	1055	2577	530	3000	3530	152	0	152	17
726	2977	5223	8200	2	10.54	1310	740	62	2790	3592	1369	2223	530	3000	3530	152	0	152	17
2209	3584	4276	7860	3	10.51	1310	720	62	454	1236	0	1236	550	3000	3550	151	0	151	40
1726	1743	3837	5780	4	10.70	1320	740	62	0	802	0	802	570	3000	3570	152	0	152	10
1424	2230	3400	5630	5	10.79	1320	760	62	0	822	422	400	550	3000	3550	152	0	152	45
774	2080	3400	5480	6	10.87	1320	780	62	1230	2072	1672	400	570	3000	3570	150	0	150	32
0	4925	2795	7720	7	10.81	1310	840	62	2650	3572	3243	329	1064	2466	3530	174	0	174	18
0	5651	2789	8440	8	10.91	1350	870	62	2680	3612	3284	328	1099	2461	3560	172	0	172	24
0	5468	2792	8460	9	10.86	1370	860	62	2660	3582	3254	328	1086	2464	3550	169	0	169	26
0	5666	2794	8460	10	10.88	1360	870	62	2640	3572	3243	329	1085	2465	3550	170	0	170	24
0	5588	2792	8380	11	10.68	1350	850	62	2590	3502	3174	328	1066	2464	3530	170	0	170	25
0	5715	2785	8700	12	10.91	1360	880	62	2630	3572	3244	328	1103	2457	3560	170	0	170	196
0	5876	2794	8670	13	10.91	1360	880	62	2620	3562	3233	329	1075	2465	3540	169	0	169	198
0	5466	2854	8320	14	10.87	1360	880	62	2610	3552	3216	336	972	2518	3490	128	0	128	194
0	5676	2904	8580	15	10.88	1360	880	62	2600	3542	3200	342	938	2562	3500	157	0	157	196
0	5585	2935	8520	16	10.86	1360	880	62	2600	3542	3196	346	971	2589	3560	170	0	170	191
0	5668	2882	8550	17	10.82	1360	880	62	2660	3602	3262	340	1068	2542	3610	170	0	170	181
0	5932	2848	8780	18	10.84	1360	880	62	2740	3682	3347	335	1107	2513	3620	171	0	171	111
0	6009	2801	8810	19	10.92	1360	880	62	2720	3662	3332	330	1119	2471	3590	170	0	170	96
0	5967	2783	8750	20	10.94	1370	880	62	2710	3652	3324	328	1135	2455	3590	170	0	170	131
0	5926	2774	8700	21	10.96	1370	880	62	2710	3652	3326	326	1142	2448	3590	169	0	169	136
0	5682	2838	8520	22	10.86	1360	880	62	2690	3632	3298	334	1066	2504	3570	169	0	169	133
0	5727	2763	8490	23	10.86	1370	880	62	2690	3632	3307	325	1132	2438	3570	169	0	169	140
0	5706	2754	8460	24	10.87	1370	880	62	2700	3642	3318	324	1140	2430	3570	169	0	169	143
0	5704	2751	8460	25	10.78	1360	880	62	2680	3622	3298	324	1163	2427	3590	169	0	169	142
0	5954	2746	8700	26	10.86	1370	880	62	2700	3642	3319	323	1187	2423	3610	169	0	169	143
0	5978	2772	8750	27	10.98	1370	880	62	2680	3622	3296	326	1144	2446	3590	171	0	171	147
0	5874	2796	8670	28	10.98	1360	880	62	2660	3602	3278	329	1103	2467	3570	172	0	172	147
0	5776	2774	8550	29	11.00	1360	910	62	2620	3592	3266	326	1132	2448	3580	172	0	172	147
0	5821	2759	8580	30	10.98	1360	910	54	2580	3544	3220	324	1145	2435	3580	171	0	171	150
0	5733	2757	8490	31	10.97	1360	910	62	2520	3492	3168	324	1137	2433	3570	168	0	168	147
0	5506	2754	8260	AUG 1	10.92	1350	910	62	2490	3462	3138	324	1130	2430	3560	147	0	147	147
0	5398	2772	8170	2	10.81	1300	900	62	2460	3422	3096	326	1104	2446	3550	134	0	134	143
0	5183	2787	7970	3	10.74	1260	920	62	2460	3442	3114	328	1111	2459	3570	90	0	90	143
0	5046	2894	7940	4	10.62	1260	900	62	2450	3412	3072	340	1036	2554	3590	146	0	146	147
0	5178	2942	8120	5	10.66	1240	910	62	2420	3392	3046	346	1014	2596	3610	149	0	149	147
0	5235	3025	8260	6	10.72	1210	920	62	2380	3362	3006	356	931	2669	3600	150	0	150	145
0	5235	2995	8230	7	10.75	1190	920	62	2330	3312	2959	353	958	2642	3600	150	0	150	142
0	5183	3047	8230	8	10.78	1180	920	62	2350	3332	2974	358	901	2689	3590	152	0	152	121
0	5165	3065	8230	9	10.84	1180	920	62	2360	3342	2982	360	885	2705	3590	154	0	154	119
0	5216	3044	8260	10	10.89	1180	920	62	2370	3352	2994	358	904	2686	3590	151	0	151	119
0	5190	3040	8230	11	10.92	1180	920	62	2360	3342	2984	358	908	2682	3590	150	0	150	123
0	5182	2878	8060	12	10.92	1150	920	62	2340	3322	2983	339	1031	2537	3570	141	0	141	121
0	5189	2841	8030	13	11.00	1130	920	62	2340	3322	2988	334	1073	2507	3580	62	0	62	123
0	4926	2844	7830	14	10.86	1130	920	62	2330	3312	2977	335	1061	2509	3570	124	0	124	121
0	4793	2857	7650	15	10.81	1110	910	62	2310	3282	2946	336	1049	2521	3570	124	0	124	118

DATE	JACKSON LAKE Cantons A.C.F.	MORAN			TWIN LAKES STORED	MORAN + TWIN LAKES STORED	MORAN - HEISE LOSS STORED	DIVERSION MORAN - HEISE STORED	DATE	HEISE + RILEY			DIV. HEISE - SHELLEY			HEISE - SHELLEY LOSS STORED	REXBURG	DATE	SHELLEY	
		STOR.	NORM.	TOTAL						STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL				STOR.	NORM.
13	602380	2299	1201	3500	70	2369	63	5	13	2470	5703	8373	973	5499	4472	121	521	AUG 14	1376	1874
14	597420	2455	915	3370	70	2525	59	5	14	2305	5845	8150	930	5507	6437	112	590	15	1263	1762
15	592640	2271	809	3080	60	2331	63	5	15	2457	5603	8060	879	5464	6743	120	605	16	1458	1752
16	588610	2092	698	2790	60	2152	58	5	16	2268	5421	7689	841	5391	6232	111	630	17	1316	1744
17	584340	2371	609	2980	60	2431	61	5	17	2093	5031	7124	443	5326	5769	102	628	18	1548	1132
18	579600	2229	621	2850	50	2279	57	5	18	2365	4878	7243	637	5403	6040	115	610	19	1613	1027
19	575100	2382	648	3030	50	2432	61	5	19	2217	4787	7004	595	5268	5863	108	610	20	1514	986
20	570150	2791	927	3720	50	2841	71	5	20	2366	4528	6894	513	5460	5973	115	600	21	1738	592
21	564030	3304	876	4180	40	3344	84	5	21	2765	4629	7394	1423	5007	6430	135	600	22	1207	1023
22	556250	4054	886	4940	40	4094	102	5	22	3255	4319	7574	1642	4896	6538	159	570	23	1454	866
23	548740	3544	856	4400	30	3574	89	5	23	3987	4267	8254	1643	4924	6567	195	548	24	2149	481
24	542190	3439	591	4030	30	3469	87	5	24	3480	4406	7886	1818	4866	6684	170	516	25	1492	888
25	534940	3635	575	4210	30	3665	92	5	25	3377	4044	7421	1633	4630	6263	165	498	26	1579	181
26	527930	3524	456	3980	20	3544	89	5	26	3568	4064	7632	1705	4418	6123	174	476	27	1689	731
27	520960	3809	451	4260	20	3829	96	5	27	3450	3972	7422	1630	4472	6102	168	449	28	1652	638
28	512820	4257	1053	5310	20	4277	107	5	28	3728	3643	7391	1680	4415	6095	182	431	29	1866	374
29	504470	4100	1060	5160	10	4110	103	5	29	4165	4266	8431	2252	4387	6639	203	431	30	1710	950
30	496160	4187	1073	5260	0	4187	105	5	30	4002	4370	8372	2230	4357	6587	196	516	31	1576	1154
31	487860	3950	1040	4990	0	3950	99	5	31	4077	4462	8539	2426	4396	6822	199	530	SEP 1	1452	1298
SEP 1	480490	3534	916	4450	0	3534	88	0	1	3846	4813	8659	2338	4536	6874	188	570	2	1320	1590
2	473840	3176	924	4100	0	3176	79	0	2	3446	4623	8069	1812	4516	6328	168	625	3	1466	1454
3	467890	2425	1145	3570	0	2425	61	0	3	3097	4661	7758	1674	4509	6183	151	635	4	1272	1598
4	464220	1964	816	2780	0	1964	49	0	4	2364	5243	7607	1726	4389	6115	115	670	5	523	2207
5	460100	1898	542	2440	0	1898	47	0	5	1915	4980	6895	1662	4379	6041	94	710	6	159	2571
6	456690	1848	362	2210	0	1848	46	0	6	1851	4632	6483	1343	4608	5951	90	705	7	418	1922
7	452370	2220	350	2570	0	2220	56	0	7	1802	4188	5990	1010	4435	5445	88	675	8	704	1346
8	448280	1719	351	2070	0	1719	43	0	8	2164	4037	6201	1072	4456	5528	106	630	9	986	464
9	445550	1263	327	1590	0	1263	32	0	9	1676	4234	5910	1450	4460	5910	82	600	10	144	1226
10	443270	1722	358	2080	0	1722	43	0	10	1231	4226	5457	1093	4488	5531	60	570	11	128	1052
11	438720	2682	538	3220	0	2682	67	0	11	1679	3525	5204	1009	4453	5462	82	552	12	588	372
12	432630	3015	655	3670	0	3015	75	0	12	2615	3609	6224	1502	4300	5802	128	530	13	785	105
13	426760	3071	719	3790	0	3071	77	0	13	2940	3888	6828	1543	4431	5974	143	508	14	1254	576
14	420450	3181	539	3720	0	3181	80	0	14	2994	4026	7020	2180	4305	6485	146	494	15	668	1532
15	414140	3182	498	3680	0	3182	80	0	15	3101	3952	7053	1783	4187	5970	151	472	16	1167	1273
16	407430	3370	430	3800	0	3370	84	0	16	3102	3863	6965	1608	4207	5815	151	476	17	1343	1137
17	401170	2565	335	2900	0	2565	63	0	17	3286	3859	7145	1511	4160	5671	160	508	18	1615	785
18	397150	1635	335	1970	0	1635	41	0	18	2502	4142	6644	1383	4104	5407	123	539	19	1077	130
19	394240	1285	335	1620	0	1285	32	0	19	1594	4039	5633	1131	4019	5150	78	570	20	385	1745
20	392240	865	335	1200	0	865	36	0	20	1253	4020	5273	923	3939	4862	61	570	21	269	1671
21	390020	1455	335	1790	0	1455	52	0	21	843	3868	4711	885	3868	4753	41	620	22	- 83	1643
22	386480	2075	335	2410	0	2075	56	0	22	1419	3442	4861	1257	3844	5101	69	620	23	93	1257
23	382490	2245	335	2580	0	2245	58	0	23	2023	3451	5474	1264	3791	5255	99	585	24	660	690
24	377840	2315	335	2650	0	2315	54	0	24	2189	3494	5683	1455	3831	5286	107	526	25	627	953
25	373410	2175	335	2510	0	2175	51	0	25	2257	3537	5794	1480	3831	5311	110	512	26	667	1023
26	369210	2035	335	2370	0	2035	50	0	26	2121	3750	5871	1013	3823	4836	104	508	27	1004	784
27	365050	2005	335	2340	0	2005	34	0	27	1984	3649	5633	1018	3725	4793	97	512	28	869	142
28	361320	1345	335	1680	0	1345	34	0	28	1955	3598	5553	669	3531	4200	95	530	29	1191	130
29	360000	0	54	54	0	0	0	0	29	1311	4240	5551	300	4145	4445	64	557	30	947	153
30	360660	0	48	48	0	0	0	0	30	0	4112	4112	299	3573	3872		585			
TOTALS	245213				1850	247063	6177	245		140641			115236			11742				113963

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING

[illegible]

VER GAGING STATIONS 1936

LAKE WILCOTT			MINIDOKA CANALS					HOWELLS					NORTH SIDE CANAL CO.										TWIN FALLS CAN CO.			MILNER LOW LIFT		
DATE	Contents	Acres	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	DATE	MILNER LAKE GAGE	GOODING PROJECT STORED	GOODING	P.A.	MAIN	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
AUG 1	92590		1100	776	1876	1876	0	4784	2896	7680	AUG 14	10.26	1080	900	62	2280	3242	2901	341	1015	2585	3570	129	0	129	1015	2585	3570
2	92350		1080	749	1829	1829	0	4785	2896	7680	17	10.80	1070	900	62	2030	2992	2648	344	919	2581	3550	129	0	129	919	2581	3550
3	94750		1030	801	1831	1831	0	4541	2889	7430	18	10.72	1050	910	61	2080	3051	2771	340	911	2599	3500	125	0	125	911	2599	3500
4	94140		1110	1020	2140	2140	0	4691	2879	7570	19	10.61	1050	900	60	2170	3130	2791	339	916	2596	3510	124	0	124	916	2596	3510
5	91570		1250	1140	2390	2390	0	4917	2858	7840	20	10.51	1050	870	60	2150	3100	2763	337	919	2521	3500	121	0	121	919	2521	3500
6	87400		1380	1210	2590	2590	0	4944	2823	7740	21	10.52	1050	900	60	2160	3120	2788	332	1009	2491	3520	124	0	124	1009	2491	3520
7	88310		1410	1230	2640	2640	0	4750	2796	7740	22	10.52	1050	900	60	2130	3090	2761	329	1003	2467	3500	126	0	126	1003	2467	3500
8	84570		1460	1280	2740	2740	0	4923	2790	7740	23	10.50	1050	900	60	2160	3060	2732	328	1008	2442	3520	124	0	124	1008	2442	3520
9	84740		1530	1240	2770	2770	0	5257	2787	7710	24	10.44	1050	900	60	2120	3080	2752	328	1001	2459	3520	124	0	124	1001	2459	3520
10	85400		1560	1270	2830	2830	0	5169	2778	8030	25	10.40	1040	900	60	2150	3110	2784	326	1003	2447	3570	124	0	124	1003	2447	3570
11	85640		1570	1260	2830	2830	0	5107	2773	7940	26	10.40	1050	900	60	2150	3110	2784	326	1005	2443	3550	124	0	124	1005	2443	3550
12	86570		1570	1260	2830	2830	0	5097	2763	7880	27	10.48	1050	910	60	2160	3130	2804	326	1003	2497	3560	124	0	124	1003	2497	3560
13	87150		1580	1260	2840	2840	0	5083	2747	7830	28	10.77	1050	920	60	2110	3070	2765	325	1002	2488	3560	124	0	124	1002	2488	3560
14	87960		1550	1250	2800	2800	0	5045	2747	7830	29	10.77	1050	920	60	2120	3100	2776	324	1007	2493	3550	124	0	124	1007	2493	3550
15	88430		1440	1230	2670	2670	0	5027	2755	7800	30	10.82	995	925	60	2120	3105	2781	324	1009	2431	3550	124	0	124	1009	2431	3550
16	88640		1400	1240	2640	2640	0	4682	2773	7800	31	10.94	885	937	60	2080	3077	2750	327	1009	2451	3570	125	0	125	1009	2451	3570
17	88700		1320	1250	2570	2570	0	4249	2791	7040	1	10.44	870	920	60	2060	3040	2712	328	1007	2463	3480	125	0	125	1007	2463	3480
18	86370		1310	1220	2530	2530	0	4199	2811	7010	2	10.41	875	905	62	2060	3027	2696	331	1000	2480	3530	125	0	125	1000	2480	3530
19	85870		1270	1200	2470	2470	0	4243	2827	7070	3	10.36	880	900	62	2040	3002	2670	332	905	2495	3400	125	0	125	905	2495	3400
20	84740		1210	1210	2420	2420	0	4156	2854	7010	4	10.38	880	900	62	2010	2972	2636	336	895	2518	3200	125	0	125	895	2518	3200
21	83770		1150	1180	2330	2330	0	4130	2850	6980	5	10.45	865	915	62	2020	2997	2661	336	896	2514	3110	125	0	125	896	2514	3110
22	81620		1080	1090	2170	2170	0	3733	3247	6980	6	10.56	860	910	62	1990	2962	2580	382	85	2565	2870	125	0	125	85	2565	2870
23	79710		1040	1050	2090	1900	190	3460	3190	6650	7	10.58	850	920	62	1910	2892	2442	400	0	2770	2790	126	0	126	0	2770	2790
24	77900		974	1090	2064	2061	3	3120	3270	6970	8	10.48	846	914	62	1840	2816	2416	400	0	2870	2870	126	0	126	0	2870	2870
25	75650		974	1100	2074	2074	0	3544	3226	6370	9	10.37	840	910	62	1840	2812	2480	332	384	2494	2820	127	0	127	384	2494	2820
26	73500		974	1080	2054	2054	0	3513	2827	6340	10	10.36	838	902	62	1840	2804	2472	332	385	2495	2820	127	0	127	385	2495	2820
27	71720		976	1070	2046	2046	0	3641	2829	6470	11	10.38	837	913	62	1830	2805	2472	333	384	2496	2770	127	0	127	384	2496	2770
28	69520		866	1000	1866	1866	0	3610	2830	6440	12	10.31	836	894	62	1560	2516	2183	333	273	2497	2770	127	0	127	273	2497	2770
29	67650		784	919	1703	1703	0	3288	2822	6110	13	10.38	842	908	61	1180												

HOWELLS				NORTH SIDE CANAL CO.										TWIN FALLS CAN CO			MILNER LOW LIFT			SNAKE R. AT MILNER		
STOR.	NORM.	TOTAL	DATE	MILNER LAKE GAGE	GOODING PROJECT STORED	GOODING	P.A.	MAIN	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL		
0	9254	2896	10.26	1080	900	62	2280	3242	2901	341	1015	2555	3570	124	0	124	119	0	119			
0	4753	2925	10.30	1070	900	62	2030	2992	2648	344	969	2581	3550	124	0	124	118	0	118			
0	4341	2859	10.72	1050	910	61	2080	3051	2711	340	951	2549	3500	125	0	125	118	0	118			
0	4491	2879	10.61	1050	900	60	2170	3130	2791	339	970	2540	3510	124	0	124	119	0	119			
0	4482	2858	10.51	1050	870	60	2150	3100	2763	337	979	2521	3500	121	0	121	121	0	121			
0	4917	2823	10.52	1050	900	60	2160	3120	2788	322	1029	2491	3520	124	0	124	119	0	119			
0	4944	2796	10.52	1050	900	60	2130	3090	2761	329	1033	2467	3500	126	0	126	96	0	96			
0	4950	2790	10.50	1050	900	60	2100	3060	2732	328	1058	2462	3520	124	0	124	96	0	96			
0	4923	2787	10.44	1050	900	60	2120	3080	2752	328	1061	2459	3520	124	0	124	94	0	94			
0	5257	2773	10.60	1040	900	60	2150	3110	2784	326	1123	2447	3570	124	0	124	97	0	97			
0	5169	2771	10.40	1050	900	60	2150	3110	2784	326	1105	2445	3550	124	0	124	123	0	123			
0	5107	2773	10.48	1050	910	60	2160	3130	2804	326	1113	2447	3560	124	0	124	124	0	124			
0	5097	2763	10.72	1050	920	60	2110	3090	2765	325	1122	2438	3560	124	0	124	124	0	124			
0	5083	2747	10.77	1050	920	60	2120	3100	2776	324	1127	2423	3550	124	0	124	124	0	124			
0	5045	2755	10.82	995	925	60	2120	3105	2781	324	1119	2421	3550	124	0	124	124	0	124			
0	5027	2773	10.94	885	955	60	2110	3125	2799	326	1083	2447	3530	109	0	109	126	0	126			
0	4682	2778	10.92	883	937	60	2080	3077	2750	327	1059	2451	3510	125	0	125	167	0	167			
0	4249	2791	10.64	870	920	60	2060	3040	2712	328	1017	2463	3480	125	0	125	196	0	196			
0	4199	2811	10.41	875	965	62	2060	3027	2696	331	1040	2480	3520	125	0	125	200	0	200			
0	4243	2827	10.36	880	900	62	2040	3002	2670	332	965	2495	3400	125	0	125	198	0	198			
0	4156	2854	10.38	880	900	62	2010	2972	2636	336	682	2518	3200	125	0	125	202	0	202			
0	4130	2850	10.45	865	915	62	2020	2997	2661	336	596	2514	3110	125	0	125	202	0	202			
0	3733	3247	10.56	860	910	62	1990	2962	2580	382	25	2865	2890	125	0	125	200	0	200			
190	3460	3190	10.58	850	920	62	1910	2892	2492	400	0	2790	2790	126	0	126	200	0	200			
3	3120	3220	10.48	846	914	62	1840	2816	2416	400	0	2870	2870	126	0	126	198	0	198			
0	3544	2826	10.37	840	910	62	1840	2812	2480	332	386	2494	2880	127	0	127	200	0	200			
0	3513	2827	10.36	838	902	62	1840	2804	2472	332	325	2495	2820	127	0	127	228	0	228			
0	3641	2829	10.38	837	913	62	1830	2805	2472	333	274	2496	2770	127	0	127	251	0	251			
0	3610	2830	10.31	836	894	62	1560	2516	2183	333	273	2497	2770	127	0	127	251	0	251			
0	3288	2822	10.38	842	908	61	1180	2149	1817	332	170	2490	2660	127	0	127	256	0	256			
0	2940	2820	10.62	847	913	61	1150	2124	1792	332	42	2488	2530	127	0	127	293	0	293			
257	3610	2570	10.76	845	895	61	1060	2016	1616	400	0	2170	2170	127	0	127	304	0	304			
457	2710	2390	10.90	830	930	61	979	1970	1570	400	0	1990	1990	127	0	127	304	0	304			
475	2320	2380	10.87	825	905	57	950	1912	1512	400	0	1980	1980	100	0	100	301	0	301			
644	2050	2230	10.74	820	890	56	909	1855	1455	400	0	1830	1830	100	0	100	299	0	299			
731	1840	2160	10.70	820	890	56	876	1822	1422	400	0	1760	1760	100	0	100	299	0	299			
876	1950	2030	10.64	820	890	56	815	1761	1361	400	0	1630	1630	100	0	100	301	0	301			
1143	1789	2071	10.41	810	880	56	829	1765	1254	511	0	1560	1560	92	0	92	299	0	299			
1185	1695	2105	10.30	810	870	53	836	1759	1254	505	0	1600	1600	78	0	78	299	0	299			
1184	1590	2070	10.18	243	255	56	1310	1621	1221	400	0	1670	1670	80	0	80	301	0	301			
798	1020	2050	10.12	0	0	56	1240	1296	896	400	0	1650	1650	78	0	78	296	0	296			
725	1020	2120	10.29	0	0	56	1240	1296	896	400	0	1720	1720	78	0	78	307	0	307			
727	820	2120	10.28	0	0	56	1180	1236	836	400	0	1720	1720	79	0	79	301	0	301			
735	790	2130	10.35	0	0	51	1120	1171	771	400	0	1730	1730	78	0	78	304	0	304			
861	830	2070	10.46	0	0	51	1100	1151	751	400	0	1670	1670	79	0	79	304	0	304			
938	630	2020	10.37	0	0	13	995	1008	608	400	0	1620	1620	79	0	79	301	0	301			
669	437	1873																				
				102,712					232,750			71,347			12,993			15,007				

[illegible]

See Plate 22 for Details.

DAILY STORAGE DIVERSIONS 1936

24 HOUR SOUND FEET EXCEPT AS NOTED

DAILY STORAGE DIVERSIONS

1936

24 HOUR SECOND FEET EXCEPT AS NOTED

AUG																																		SEP									
25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4		
21	20	20	0	12	16	22	24	27	26	26	25	17	19	17	19	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
35	123	138	107	116	102	136	184	188	118	70	12	0																															
56	45	45	45	45	45	45	45	48	19	0																																	
58	76	76	76	76	76	76	76	75	73	71	67	68	76	76	76	75	74	73	73	56	56	53	54	55	56	57	56	57	56	53	51	53	62	60	60	61	53	53	52	51	51	50	
5	-5	-5	-5	-5	-5	0	5	0	-5	-5	0	-5	-5	-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
46	161	161	164	164	164	164	164	164	166	166	166	-261	-261	-261	156	147	151	161	164	159	159	159	155	-256	-256	-256	-256	166	161	161	273	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40		
45	46	40	34	33	37	37	36	39	49	43	45	43	43	42	44	27	41	44	29	42	43	26	24	27	16	20	20	10	3	9	12	0	1	0	0	0	0	0	0	0	0	0	
55	54	50	46	46	46	47	43	101	59	54	41	41	37	37	22	16	16	20	0	-7	-7	-7	-7	0																			
5	-17	-23	-22	-22	-19	16	24	24	9	13	1	-10	-13	1	16	0	0	-13	-14	-17	-18	-12	-15	-13	10	8	7	12	0	0	-9	-19	-19	4	4	9	25	24	29	25	20	-	
1	81	47	47	25	50	69	114	111	66	53	55	36	32	24	35	62	71	73	71	47	35	49	31	40	56	50	48	80	60	25	20	9	20	40	84	72	57	68	70	64	55	4	
1																																											
1																																											
72	206	169	275	410	427	331	336	442	312	316	327	248	128	4	4	267	420	347	281	341	309	280	264	269	266	249	203	222	229	240	255	251	220	210	217	257	237	233	187	211	202	1	
1																																											
72	92	-23	-23	-23	-23	88	88	89	89	88	90	72	92	79	92	92	92	92	92	91	92	92	92	92	94	95	95	95	104	104	103	104	106	106	106	106	106	106	106	106	106	106	1
13	2	0	2	3	3	3	3	3	3	3	3	0																															
1	0	0	0	1	1	1	0	0	0	1	0	0	1	1	1	0	0	0	1	0	1	0	0	0	1	1	1	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0
72	42	32	22	12	32	22	12	12	2	0																																	
18	8	8	9	6	4	2	1	2	3	4	2	0																															
74	34	34	23	23	23	23	23	23	23	23	23	0	0	0	0	0	23	19	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
15	16	1	0																																								
1																																											
73	80	75	67	66	64	70	77	0	0	0	73	73	70	67	67	67	3	0	0	71	71	70	70	68	75	5	0	0	82	82	82	80	77	78	79	78	80	83	0	0	0	0	
40	284	159	198	143	212	241	250	253	190	159	138	130	166	162	164	167	167	164	158	159	156	134	124	119	234	284	275	279	282	286	335	344	358	325	367	393	413	401	407	381	367	367	
12	-3	-6	-37	-37	-37	-32	32	0	-1	0	0	35	-36	-36	-28	-28	-28	-29	-29	-3	-3	-2	-3	-30	-28	-28	-28	0	0	0	-1	-6	-6	-4	-5	0	0	0	0	-4	-4	-4	
69	1389	992	694	805	928	1144	1275	1662	1211	1104	1083	396	299	156	422	695	820	788	644	973	930	879	841	443	637	595	513	1423	1492	1493	1818	1633	1745	1630	1680	2252	2230	2426	2338	1812	1674	1674	
1																																											
1																																											
72	979	440	456	453	449	401	405	378	405	409	394	367	382	400	392	394	-21	-21	-21	-21	-21	384	388	388	382	384	381	375	382	377	390	409	409	-21	-21	-21	-21	398	386	374	374		
10	1160	1120	1120	1090	1040	1040	1040	1010	966	937	792	672	167	0	0	251	693	777	719	683	674	671	671	650	616	616	639	683	683	683	716	743	755	792	837	842	823	789	774	780	725	725	
18	21	28	0																																								
18	0	-58	-68	-58	0	0	0	0	-58	58	58	-58	-58	-58	-58	-58	0	0	0	0	-58	-58	-58	0	0	0	0	0	-58	-58	-58	0	0	63	63	58	57	62	59	57	61		
4	0	-6	-37	-37	-1	-1	-1	-1	-7	-68	-68	-25	-21	-21	-21	-15	-2	-2	-2	-3	-8	-6	-6	0																			
26	1620	1529	1202	1149	1499	1931	1935	1398	1297	654	506	807	334	185	177	887	966	1065	1014	979	601	1003	1210	1038	978	1000	1020	1058	1001	996	1112	1217	1230	844	1090	1244	1248	1604	1566	1221	1120		
70	2220	2360	2700	2690	2630	2660	2640	2520	2410	2380	2320	2320	2330	2390	2530	2590	2540	2520	2370	2044	1986	1876	1827	1851	1987	2140	2390	2590	2640	2740	2770	2830	2830	2840	2840	2670	2640	2570	2530	2470	2470		
69	169	169	131	172	172	171	168	147	134	90	146	149	150	150	152	154	151	150	141	62	124	124	124	124	125	124	121	124	126	124	124	124	124	124	124	124	124	124	124	124	124	124	
40	1167	1127	1144	1103	1122	1145	1137	1130	1104	1111	1036	1014	931	948	901	885	904	908	1031	1073	1061	1049	1015	949	951	970	979	1027	1023	1058	1061	1123	1105	1112	1122	1127	1119	1083	1059	1017	104		
18	3278	3219	3296	3223	3266	3230	3168	3138	3074	3114	3072	3046	3006	2759	2774	2782	2779	2784	2783	2788	2777	2746	2701	2648	2711	2791	2763	2788	2761	2732	2752	2784	2784	2804	2765	2774	2781	2799	2710	2712	269		
70	1360	1370	1370	1360	1360	1360	1360	1350	1300	1260	1260	1240	1210	1190	1180	1180	1180	1180	1150	1130	1130	1110	1080	1070	1050	1050	1050	1050	1050	1050	1050	1050	1060	1050	1050	1050	1050	1050	1050	1050	1050		
43	192	143	142	147	147	150	147	147	143	143	147	147	145	142	121	119	119	119	121	123	121	118	119	118	118	119	121	119	96	96	94	97	123	124	124	124	124	124	124	124	124		

SEA																															TOTAL				TOTAL		JACKSON																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	1

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

File _____
Number _____
District _____

Plate No. 15

TIME: CLOUGH TO RDEGAR - 12 Hrs.
RDEGAR TO MINIDOKA - 8 Hrs.
MINIDOKA TO MILNER - 12 Hrs.

Moran To Heise Disch. at Heise

Heise to Shelley - Disch. at Shelley

Shelley to Cloughs - Disch. at Shelley

TIME INTERVAL IN HOURS

TIME INTERVAL IN HOURS	DATE	CHECKED BY	DATE
12			
24			
36			
48			

NAME OF CANAL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
WELLSSTONE HARRISFIELD MARYSVILLE	DRY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	DRY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ABOVE SQUIRREL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS OWN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER		14	20	40	60	80	120	167	176	185	194	203	211	214	218	222	227	232	237	244	250	255	255	255	255	255	255	255	255	255	255	255
		14	20	40	60	80	120	167	176	185	194	203	211	214	218	222	227	232	237	244	250	255	255	255	255	255	255	255	255	255	255	255
M.BEE		11	11	11	11	11	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
		11	11	11	11	11	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
CHESTER		56	58	60	62	65	60	56	54	53	52	56	61	63	66	69	71	77	78	79	80	82	80	78	75	78	80	82	84	86	84	83
		56	58	60	62	65	60	56	54	53	52	56	61	63	66	69	71	77	78	79	80	82	80	78	75	78	80	82	84	86	84	

NAME OF CANAL																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL			
YALOWSTONE																														20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
HARRISVILLE																														20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
TOTAL ABOVE SQUIRREL																														20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
FARMERS OWN																														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	
ALMY																														5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
ENTERPRISE																														194	192	188	184	180	176	172	168	171	175	178	182	186	189	191	194	196	199	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
BELL																														10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
FALL RIVER																														413	396	384	372	360	348	336	324	312	323	320	318	306	294	282	270	258	246	234	222	210	198	186	174	162	150	138	126	114	102	90	78	66	54
MCBEE																														11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
CHESTER																														82	80	78	76	75	73	72	68	64	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
SILKEY																														27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
CURR																														14	12	11	10	9	8	7	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	
TOTAL SQUIRREL - CHESTER																														781	758	739	720	697	650	632	613	610	610	617	634	657	679	729	759	788	804	814	840	851	880	881	878	865	840	814	781	739	697	657	617	21087	
HENRYS FARM CANALS																														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	14	14	14	14	14	14	14	14	
LAST CHANCE																														66	60	54	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	
ST. ANTHONY UNION																														500	475	481	487	494	499	494	478	472	466	466	472	478	484	489	494	499	504	509	514	519	524	529	534	539	544	549	554	559	564	569	574	579	
FARMERS FRIEND																														207	139	107	107	111	114	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	
TWIN GROVES																														133	117	99	91	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83		
SALEM UNION																														227	218	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
TOTAL ASHTON-STANTONY																														1149	1025	966	968	982	964	944	926	910	893	904	958	1028	1086	1098	1115	1127	1167	1192	1216	1198	1145	1104	897	886	882	877	873	892	892	892	892	892	
EGIN																														306	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	
ST. ANTHONY UNION FEEDER																														106	99	99	99	100	100	101	101	100	99	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
INDEPENDENT																														383	366	320	302	302	243	208	240	242	250	251	286	327	324	364	353	355	349	368	371	338	322	329	340	329	310	291	271	251	231	211	191	171	
CONSOLIDATED FARMERS																														331	329	328	328	324	329	330	330	330	331	331	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332
TOTAL STANTONY - REXBURG																														1126	1004	957	939	897	899	861	793	794	782	802	865	923	916	839	828	783	818	848	842	805	906	665	882	589	622	649	649	690	725	725	725	725	725
TETON RIVER CANALS																														24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	24843	
SIDDOWNAY																														18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
WILLOW																														138	136	138	138	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	
TETON IRRIGATION																														138	136	138	138	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	
GOOD LUCK																														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	34	34	34	
PIONEER																														24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
ST. LAURENT																														0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PINCOCK-BYINGTON																														0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TETON ISLAND FEEDER																														30	25	20	16	16	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	14	
NORTH SALEM																														26	24	23	21	22	23	24	25	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
ROXANA																														26	24	23	21	22	23	24	25	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
ISLAND WARD																														24	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
WOODMANSEE - JOHNSON																														26	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
CITY OF REXBURG																														12	13	13	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	14	14	14	14	14	
REXBURG IRRIGATION																														312	309	306	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304
MCGORMICK - HOWE																														11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
SALEM - SOMMERS																														11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
TOTAL																														1126	1004	957	939	897	899	861	793	794	782	802	865	923	916	839	828	783	818	848	842	805	906	665	882	589	622	649	649	690	725	725	725	725	

DAILY DISCHARGE IN SEC.-FT. OF HENRY'S FARM CANALS FOR JULY 1936

NAME OF CANAL																															1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL			
YELLOWSTONE																															17	166	154	152	150	139	152	86	82	82	81	80	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	2160
HENRYVILLE																															17	166	154	152	150	139	152	86	82	82	81	80	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	2160
TOTAL ABOVE SQUIRREL																															17	166	154	152	150	139	152	86	82	82	81	80	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	1160
FARMERS OWN																															9	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	1015	
ARMY																															4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
ENTERPRISE																															124	62	0	0	0	63	126	124	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	3258
BELL																															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	9	9	9	237	
FALL RIVER																															377	364	352	354	366	352	358	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	10775	
MC BEE																															8	8	7	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	194	
CHESTER																															0	0	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	290	
SILKEY																															12	4	6	11	16	12	8	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	541	
CURR																															22	24	26	26	26	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	1126	
TOTAL SQUIRREL - CHESTER																															565	512	452	462	482	537	574	599	627	622	616	619	622	613	601	600	600	617	634	587	582	544	521	521	540	526	510	530	508	555	552	552	17440	
HENRY'S FARM CANALS																																																																
DEWEY																															0	6	12	12	11	11	13	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	355	
LAST CHANCE																															67	66	66	66	66	54	58	57	56	55	54	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	1536	
ST. ANTHONY UNION																															508	487	466	454	442	442	440	438	437	436	435	434	433	432	431	430	429	428	427	426	425	424	423	422	421	420	419	418	417	416	415	414	1392	
FARMERS FRIEND																															0	40	80	80	80	79	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	1163	
TWIN GROVES																															130	130	130	132	134	134	134	94	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	3136	
SALEM UNION																															235	136	136	134	132	134	134	134	134	94	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	5017	
TOTAL ST. ANTHONY - ST. ANTHONY																															940	865	890	874	858	861	864	820	816	745	752	747	742	721	701	704	810	824	854	878	850	865	804	743	755	794	786	682	645	717	24799			
EGIN																															351	335	314	314	314	310	324	337	326	315	322	329	326	314	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	10381	
ST. ANTHONY UNION FEEDER																															82	111	140	136	132	115	98	110	113	113	103	112	121	120	118	117	116	92	84	98	106	116	127	127	127	127	127	127	127	127	127	127	3574	
INDEPENDENT																															261	262	265	224	184	178	171	130	186	218	244	246	243	222	201	201	201	146	91	88	82	116	147	148	244	214	180	180	151	158	5745			
TOTAL ST. ANTHONY - HENBURG																															766	778	792	741	691	653	619	604	685	697	709	723	737	709	676	669	663	602	560	582	599	658	714	755	746	755	714	722	704	706	715	21501		
TETON RIVER CANALS																																																																
SIDOWAY																															20	20	20	19	19	19	14	19	18	18	18	19	18	18	20	20	20	19	19	18	18	18	18	18	18	18	18	18	18	18	18	575		
WILFORD																															121	119	121	122	122	119	102	84	82	82	84	82	82	75	75	75	75	71	67	68	69	68	67	67	67	67	67	67	67	67	67	2589		
TETON IRRIGATION																															71	70	50	24	42	54	54	55	58	61	59	58	60	62	63	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	1894		
GOOD LUCK																															34	34	35	36	36	43	28	13	12	10	11	11	11	12	14	15	14	14	18	10	10	10	10	10	10	10	10	10	10	10	10	526		
PIONEER																															18	22	26	30	30	50	21	12	11	11	11	11	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	493		
STEMMANT																															28	28	26	25	22	18	14	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	250		
PINCOK-BYINGTON																															10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	534		
PINCOK-GARNER																															31	31	30	30	30	24	24	22	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	8331		
TETON ISLAND FEEDER																															205	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	8331		
NORTH SALEM																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ROXANA																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										

[illegible]

DRILL DISCHARGE IN SEC. FT. OF HENRY'S FORK CANALS FOR SEPT 1986
FALL RIVER CANALS

5077 RIVER CANALS

[illegible]

DATE	HENRYS LAKE Controls A-F	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	DATE	HENRYS FORK NR. ISLAND PARK			STORED LOSS ISLAND PARK TO WARM RIVER
		STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL	
JUN 27	25200	0	28	28	0	JUN 28	0	459	459	0
28	25700	72	25	97	1	29	71	441	512	0
29	25557	136	25	161	1	30	135	414	549	0
30	25287	137	24	161	1	JUL 1	136	417	553	0
JUL 1	25015	141	20	161	1	2	140	418	558	1
2	24735	138	20	158	1	3	137	408	545	1
3	24461	139	20	159	1	4	138	403	541	1
4	24185	168	20	188	2	5	146	400	546	1
5	23852	176	20	196	2	6	174	402	576	1
6	23503	176	20	196	2	7	174	410	584	1
7	23154	176	20	196	2	8	174	406	580	1
8	22805	184	20	204	2	9	182	402	584	1
9	22440	184	20	204	2	10	182	407	589	1
10	22075	182	20	202	2	11	180	409	589	1
11	21714	182	20	202	2	12	180	414	594	1
12	21353	184	20	204	2	13	182	407	589	1
13	20988	182	20	202	2	14	180	400	580	1
14	20627	184	20	204	2	15	182	394	576	1
15	20262	184	20	204	2	16	182	394	576	1
16	19897	184	20	204	2	17	182	393	575	1
17	19532	182	20	202	2	18	180	361	541	1
18	19171	182	20	202	2	19	180	357	537	1
19	18810	184	20	204	2	20	182	355	537	1
20	18449	184	20	204	2	21	182	355	537	1
21	18080	186	18	204	2	22	184	348	532	1
22	17711	186	18	204	2	23	184	348	532	1
23	17342	305	18	323	3	24	302	305	607	2
24	16737	333	18	351	3	25	330	325	655	2
25	16076	335	18	353	3	26	332	328	660	2
26	15412	300	17	317	3	27	297	348	645	1
27	14817	288	17	305	3	28	285	337	622	1
28	14246	284	17	301	3	29	281	350	631	1
29	13683	288	17	305	3	30	285	365	650	1
30	13112	243	17	260	2	31	241	376	617	1
31	12630	221	17	238	2	AUG 1	219	379	598	1
AUG 1	12192	221	17	238	2	2	219	352	571	1
2	11754	223	17	240	2	3	221	337	558	1
3	11312	219	17	236	2	4	217	336	553	1
4	10878	181	17	198	2	5	179	345	524	1
5	10519	51	17	68	1	6	50	394	444	0
6	10418	17	17	34	0	7	17	402	419	0
7	10384	4	17	21	0	8	4	401	405	0
8	10376	1	17	18	0	9	1	396	397	0
9	10374	1	17	18	0	10	1	393	394	0
10	10372	0	17	17	0	11	0	394	394	0
11	10372	0	17	17	0	12	0	401	401	0
12	10372	0	16	16	0	13	0	397	397	0
13	10372	0	16	16	0	14	0	397	397	0
14	10372	0	16	16	0	15	0	405	405	0

DATE	HENRYS FORK AT WARM RIVER			STORED LOSS WARM RIVER TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			DIVERSIONS ASHTON TO ST. ANTHONY			HENRYS FORK AT ST. ANTHONY		
	STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
JUN 29	0	726	726	0	JUN 30	0	1160	1160	0	872	872	0	457	457
30	71	722	843	0	JUL 1	71	1129	1200	67	873	940	4	701	701
JUL 1	134	727	861	1	2	132	1177	1310	66	799	865	67	631	631
2	135	733	868	1	3	134	1186	1320	66	824	890	68	616	616
3	139	722	861	1	4	138	1152	1290	62	812	874	76	534	534
4	136	707	843	1	5	135	1145	1280	59	799	858	76	546	546
5	137	718	855	1	6	136	1114	1250	58	803	861	78	496	496
6	165	715	880	1	7	164	1066	1230	57	807	864	107	436	436
7	172	701	874	1	8	172	1028	1200	75	745	820	93	459	459
8	173	713	886	1	9	172	1048	1220	139	677	816	33	589	589
9	173	720	893	1	10	172	1018	1190	138	607	745	24	572	572
10	181	718	899	1	11	180	1040	1220	137	615	752	43	596	596
11	181	731	912	1	12	180	1050	1230	138	609	747	42	524	524
12	179	745	924	1	13	178	1022	1200	184	558	742	-6	604	604
13	179	726	905	1	14	178	982	1160	166	555	721	12	610	610
14	181	705	886	1	15	180	980	1160	167	534	701	13	601	601
15	179	726	905	1	16	178	982	1160	167	537	704	11	611	611
16	181	731	912	1	17	180	980	1160	117	701	818	63	593	593
17	181	724	905	1	18	180	980	1160	96	728	824	84	431	431
18	181	712	893	1	19	180	980	1160	96	736	832	84	431	431
19	179	695	874	1	20	178	982	1160	98	756	854	80	435	435
20	179	689	868	1	21	178	1002	1180	209	669	878	-31	581	581
21	181	687	868	1	22	180	1000	1180	95	755	850	85	529	529
22	181	687	868	1	23	180	1010	1190	392	473	865	-12	869	869
23	183	691	874	1	24	182	1008	1190	265	539	804	-83	794	794
24	183	710	893	1	25	182	1038	1220	387	356	743	-205	916	916
25	300	676	976	2	26	298	982	1280	493	262	755	-195	861	861
26	328	662	990	2	27	326	994	1320	523	273	796	-157	881	881
27	330	660	990	2	28	328	962	1290	512	274	786	-184	859	859
28	296	668	964	1	29	295	935	1230	421	261	682	-126	783	783
29	284	666	950	1	30	283	997	1280	429	266	695	-186	839	839
30	280	703	983	1	31	279	1001	1280	433	284	717	-159	847	847
AUG 1	284	699	983	1	AUG 1	283	997	1280	340	318	658	-57	795	795
2	240	717	957	1	2	239	1011	1250	344	309	653	-105	852	852
3	218	700	918	1	3	217	973	1190	337	271	608	-120	858	858
4	218	675	893	1	4	217	903	1120	258	314	572	-41	770	770
5	220	660	880	1	5	219	901	1120	234	359	593	-15	744	744
6	216	664	880	1	6	215	905	1120	104	513	617	111	594	594
7	178	646	824	1	7	177	903	1080	54	574	628	123	483	483
8	50	691	741	0	8	50	950	1000	170	399	569	-180	656	656
9	17	707	724	0	9	17	958	925	275	320	595	-258	801	801
10	4	702	706	0	10	4	984	988	276	345	621	-272	815	815
11	1	717	718	0	11	1	999	1000	236	335	571	-235	825	825
12	1	711	712	0	12	1	1049	1050	296	271	567	-293	793	793
13	0	722	722	0	13	0	1110	1110	264	284	548	-264	700	700
14	0	722	722	0	14	0	1070	1070	265	242	507	-265	947	947
15	0	747	747	0	15	0	1080	1030	238	266	504	-238	940	940
16	0	729	729	0	16	0	1000	1000	243	252	495	-243	909	909
17	0	729	729	0	17	0	1000	1000	239	254	493	-239	896	896

HENRY'S FORK - DAILY SEGREGATION OF FLOW - 1936

24 HOUR SECOND FEET EXCEPT AS NOTED

HENRY'S FORK AT ST. ANTHONY			DIVERSIONS BELOW ST. ANTHONY			STORED BALANCE BELOW DIVERSIONS
STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	
0	657	657	62	663	725	-62
4	707	711	82	684	766	-78
67	631	678	100	678	778	-33
68	616	684	100	692	792	-32
76	554	630	100	641	741	-24
76	546	622	100	591	691	-24
78	496	574	100	535	635	-22
107	436	543	98	521	619	9
97	493	570	100	504	604	-3
33	589	622	100	585	685	-67
34	572	606	100	597	697	-66
43	596	679	100	609	709	-57
42	624	666	100	623	723	-58
-6	654	648	100	637	737	-106
12	610	622	100	609	709	-88
13	601	614	100	576	676	-87
11	611	622	100	569	669	-89
67	543	606	100	563	663	-37
84	431	515	92	510	602	-8
84	431	515	89	471	560	-5
80	435	515	98	484	582	-18
-31	581	550	100	499	599	-131
85	529	614	100	558	658	-15
-212	869	657	100	614	714	-312
-83	794	711	100	655	755	-183
-205	916	711	100	696	796	-305
-195	861	666	100	655	755	-295
-197	881	684	147	567	714	-344
-184	859	675	160	562	722	-344
-126	783	657	160	549	709	-286
-146	839	693	160	546	706	-306
-154	847	693	178	537	715	-332
-57	795	738	184	518	702	-241
-105	852	747	190	504	690	-295
-120	858	738	191	502	693	-311
-41	770	729	192	500	692	-233
-15	744	729	0	692	692	-15
111	546	657	0	688	688	111
123	483	606	0	658	658	123
-180	656	536	99	540	639	-219
-258	801	543	145	459	604	-403
-232	815	543	145	427	572	-412
-235	825	590	145	452	597	-380
-295	943	648	145	474	619	-440
-264	1002	728	145	475	620	-409
-265	967	702	145	474	619	-410
-238	940	702	56	531	587	-294
-243	909	666	56	501	557	-299
-239	896	657	57	496	553	-296

RECEIPT AS NOTED					HENRYS FORK NEAR LAKE					HENRYS FORK NR. ISLAND PARK					HENRYS FORK AT WARM RIVER					HENRYS FORK NEAR ANTHONY				
DATE	HENRYS LAKE Contents At	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO ISLAND PARK	DATE	HENRYS FORK NR. ISLAND PARK			STORED LOSS ISLAND PARK TO WARM RIVER	DATE	HENRYS FORK AT WARM RIVER			STORED LOSS WARM RIVER TO ANTHONY	DATE	HENRYS FORK NEAR ANTHONY							
		STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL			STOR.	NORM.						
AUG 15	10 372	0	16	16	0	AUG 16	0	397	397	0	AUG 17	0	724	724	0	AUG 18	0	724						
16	10 372	0	16	16	0	17	0	397	397	0	18	0	724	724	0	19	0	724						
17	10 372	0	16	16	0	18	0	397	397	0	19	0	718	718	0	20	0	718						
18	10 372	0	15	15	0	19	0	397	397	0	20	0	724	724	0	21	0	724						
19	10 372	0	15	15	0	20	0	390	390	0	21	0	729	729	0	22	0	729						
20	10 372	0	16	16	0	21	0	390	390	0	22	0	712	712	0	23	0	712						
21	10 372	0	16	16	0	22	0	387	387	0	23	0	718	718	0	24	0	718						
22	10 372	0	16	16	0	23	0	383	383	0	24	0	701	701	0	25	0	701						
23	10 372	0	16	16	0	24	0	383	383	0	25	0	701	701	0	26	0	701						
24	10 372	0	16	16	0	25	0	383	383	0	26	0	706	706	0	27	0	706						
25	10 372	0	16	16	0	26	0	383	383	0	27	0	706	706	0	28	0	706						
26	10 372	0	16	16	0	27	0	383	383	0	28	0	701	701	0	29	0	701						
27	10 372	0	16	16	0	28	0	383	383	0	29	0	701	701	0	30	0	701						
28	10 372	0	16	16	0	29	0	387	383	0	30	0	701	701	0	31	0	701						
29	10 372	129	15	144	1	30	128	365	493	1	31	127	667	788	1	SEP 1	126	788						
30	10 116	129	15	144	1	31	128	365	493	1	SEP 1	127	704	831	1	2	126	831						
31	9 860	129	15	144	1	SEP 1	128	365	493	1	2	127	704	831	1	3	126	831						
SEP 1	9 604	129	15	144	1	2	128	365	493	1	3	127	716	843	1	4	126	843						
2	9 348	129	15	144	1	3	128	365	493	1	4	127	716	843	1	5	126	843						
3	9 092	129	15	144	1	4	128	365	493	1	5	127	722	849	1	6	126	849						
4	8 836	65	15	90	1	5	64	376	440	0	6	64	695	759	0	7	64	759						
5	8 707	4	15	19	0	6	4	406	410	0	7	4	743	747	0	8	4	747						
6	8 699	3	15	18	0	7	3	397	400	0	8	3	732	735	0	9	3	735						
7	8 693	3	15	18	0	8	3	392	395	0	9	3	732	735	0	10	3	735						
8	8 687	3	15	18	0	9	3	392	395	0	10	3	726	729	0	11	3	729						
9	8 681	3	15	18	0	10	3	392	395	0	11	3	709	712	0	12	3	712						
10	8 675	3	15	18	0	11	3	392	395	0	12	3	721	724	0	13	3	724						
11	8 669	3	15	18	0	12	3	392	395	0	13	3	721	724	0	14	3	724						
12	8 663	3	15	18	0	13	3	392	395	0	14	3	721	724	0	15	3	724						
13	8 657	3	15	18	0	14	3	392	395	0	15	3	721	724	0	16	3	724						
14	8 651	3	15	18	0	15	3	392	395	0	16	3	721	724	0	17	3	724						
15	8 645	3	15	18	0	16	3	392	395	0	17	3	715	718	0	18	3	718						
16	8 639	3	15	18	0	17	3	392	395	0	18	3	726	729	0	19	3	729						
17	8 633	3	15	18	0	18	3	392	395	0	19	3	721	724	0	20	3	724						
18	8 627	3	15	18	0	19	3	392	395	0	20	3	721	724	0	21	3	724						
19	8 621	3	15	18	0	20	3	392	395	0	21	3	732	735	0	22	3	735						
20	8 615	3	15	18	0	21	3	392	395	0	22	3	726	729	0	23	3	729						
21	8 609	3	15	18	0	22	3	392	395	0	23	3	721	724	0	24	3	724						
22	8 603	3	15	18	0	23	3	392	395	0	24	3	721	724	0	25	3	724						
23	8 597	3	15	18	0	24	3	387	390	0	25	3	726	729	0	26	3	729						
24	8 591	3	14	17	0	25	3	387	390	0	26	3	726	729	0	27	3	729						
25	8 585	3	14	17	0	26	3	391	394	0	27	3	726	729	0	28	3	729						
26	8 579	3	14	17	0	27	3	391	394	0	28	3	721	724	0	29	3	724						
27	8 573	3	14	17	0	28	3	391	394	0	29	3	732	735	0	30	3	735						
28	8 567	3	14	17	0	29	3	391	394	0	30	3	726	729	0									
29	8 561	3	14	17	0	30	3	387	390	0														
30	8 555	3	14	17	0																			
Total		8646			85			8558		46				46				8460						

DATE	HENRYS FORK AT ST. ANTHONY			STORED LOSS WARM RIVER TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			DIVERSIONS ASHTON TO ST. ANTHONY			HENRYS FORK AT ST. ANTHONY			DIVERSIONS BELOW ST. ANTHONY			STORED BALANCE BELOW DIVERSIONS
	STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	
JUN 0	0	724	724	0	AUG 18	0	988	988	221	269	490	-221	878	657	58	490	548	-229
4	0	729	729	0	19	0	962	962	176	296	472	-176	851	675	57	494	551	-233
67	0	718	718	0	20	0	975	975	208	284	492	-208	857	657	56	499	555	-256
68	0	724	724	0	21	0	975	975	208	275	483	-208	856	648	55	502	557	-263
76	0	729	729	0	22	0	962	962	220	265	485	-220	850	630	54	505	559	-274
76	0	712	712	0	23	0	962	962	238	240	478	-238	844	606	52	514	566	-290
78	0	718	718	0	24	0	975	975	235	238	473	-235	865	630	49	522	571	-284
107	0	701	701	0	25	0	975	975	209	289	498	-209	815	606	45	514	559	-254
92	0	706	706	0	26	0	962	962	203	322	525	-203	769	566	41	506	547	-244
33	0	706	706	0	27	0	975	975	209	330	539	-209	767	558	42	523	565	-251
34	0	706	706	0	28	0	1000	1000	215	333	548	-215	751	536	161	360	521	-376
43	0	701	701	0	29	0	1070	1070	176	368	544	-176	782	606	161	348	509	-337
42	0	701	701	0	30	0	1050	1050	176	371	547	-176	806	630	161	335	496	-337
-6	0	701	701	0	31	0	1070	1070	180	367	547	-180	828	648	161	341	502	-341
12	127	661	788	1	SEP. 1	126	984	1110	203	336	539	-77	788	711	86	399	485	-163
13	127	704	831	1	2	126	944	1070	195	317	512	-69	771	702	61	408	469	-170
11	127	704	831	1	3	126	944	1070	142	344	486	-16	736	720	61	393	454	-77
63	127	716	843	1	4	126	944	1070	130	261	391	-4	778	774	62	386	448	-66
84	127	716	843	1	5	126	944	1070	111	293	404	15	750	765	0	442	442	15
84	127	722	849	1	6	126	924	1050	110	292	402	16	740	756	0	444	444	16
80	64	695	759	0	7	64	946	1010	117	295	412	-53	744	711	0	446	446	-53
-31	4	743	747	0	8	4	996	1000	119	291	410	-115	790	675	0	451	451	-115
85	3	732	735	0	9	3	997	1000	92	317	409	-89	746	657	0	455	455	-89
-212	3	732	735	0	10	3	997	1000	104	291	395	-101	767	666	0	453	453	-101
-83	3	726	729	0	11	3	985	988	112	275	387	-109	731	622	0	453	453	-109
-205	3	709	712	0	12	3	985	988	107	294	401	-104	726	622	0	423	473	-104
-195	3	721	724	0	13	3	1027	1030	232	237	469	-229	868	639	0	492	492	-229
-197	3	721	724	0	14	3	1007	1010	282	170	452	-279	877	598	90	378	468	-369
-184	3	721	724	0	15	3	1007	1010	267	169	436	-264	870	606	88	381	469	-352
-120	3	721	724	0	16	3	1007	1010	279	122	401	-276	898	622	86	368	454	-362
-140	3	721	724	0	17	3	1037	1040	298	105	403	-295	961	666	83	356	439	-378
-154	3	715	718	0	18	3	1037	1040	295	89	384	-292	958	666	0	425	425	-292
-57	3	726	729	0	19	3	1037	1040	295	73	368	-292	958	666	0	413	413	-292
-105	3	721	724	0	20	3	1037	1040	295	57	352	-292	958	666	0	411	411	-292
-120	3	721	724	0	21	3	1037	1040	248	63	311	-245	938	693	0	408	408	-245
-41	3	732	735	0	22	3	1007	1010	240	63	303	-237	894	657	0	394	394	-237
-15	3	726	729	0	23	3	1037	1040	369	60	429	-366	940	574	0	383	383	-366
111	3	721	724	0	24	3	1037	1040	383	79	462	-380	930	550	0	372	372	-380
123	3	721	724	0	25	3	997	1000	388	75	463	-385	921	536	0	355	355	-385
-120	3	726	729	0	26	3	997	1000	393	48	441	-390	926	536	0	328	328	-390
-258	3	726	729	0	27	3	985	988	319	123	442	-316	866	550	0	330	330	-316
-272	3	726	729	0	28	3	985	988	300	145	445	-297	903	606	0	334	334	-297
-235	3	721	724	0	29	3	972	975	299	148	447	-296	902	606	0	338	338	-296
-295	3	732	735	0	30	3	972	975	299	148	447	-296	905	639	0	338	338	-296
-265	3	726	729	0														
-265																		
-235																		
-245																		
-237509				46			8460		20374			-11914			7091			-19005

NOTES

① From Pool 1079, Am. Falls

(2) From Pool 610, Ann. Falls Lease 1672; less 1200 to Egin, 1043 to St Anthony Union, 321 to Fall River Canal, 674 to Fall River Canal, 6950 to Fall River Canal, 6950 to Fall River Canal, 6950 to Fall River Canal.

⁽¹⁾ Am. Falls allotment 23,674 acres
Twin Groves, 663 to Salem
Union, and 383 to Consolidated Farmers.
Teton Island Feeder Am. Falls Lease 410, Salem Am. Falls

Lease 820, Canyon Ch. from Woodville 675, Enterprise 6950, Marysville 240, Farmers On a 360,

④ From Woodville Canal.

⑨ 1930 right less 356 to Dewey.

⑪ 3280 Am. Falls Lease, 2000 from
⑫ 1440 Am. Falls Lease, 2000 from

(14) 6890 allotment plus 2200 from 710 from

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	115,270	126,510	148,270	166,540	205,550	242,830	269,370	335,800	718,610	846,210	656,150	480,490
2	113,460	127,060	148,850	167,320	207,960	244,280	271,050	345,780	744,550	844,930	643,110	467,890
3	113,460	127,630	149,420	168,490	208,960	245,100	271,880	354,080	756,240	840,860	640,230	464,220
4	113,650	128,190	150,000	169,660	210,170	245,720	272,930	361,980	770,190	835,520	637,820	460,100
5	113,650	128,760	150,570	170,830	210,170	245,720	272,930	361,980	770,190	835,520	637,820	460,100
6	113,630	129,330	151,150	172,000	211,380	246,550	274,190	372,960	780,210	828,900	636,420	456,690
7	114,020	130,080	151,910	173,170	212,380	247,170	275,650	382,490	791,250	823,050	630,370	452,370
8	114,020	130,840	152,680	174,340	213,390	247,790	277,120	389,130	801,820	816,980	626,040	448,280
9	114,200	131,590	153,450	175,700	214,190	248,410	278,380	394,020	810,660	809,900	621,730	445,550
10	114,200	132,530	154,410	177,260	215,200	249,030	279,420	401,840	819,000	802,830	617,190	443,270
11	114,390	133,480	155,360	178,630	216,400	249,660	280,680	410,560	827,120	796,010	612,170	438,720
12	114,570	134,420	155,360	180,970	218,010	250,270	281,730	423,830	835,260	790,000	606,680	432,630
13	114,760	135,370	156,320	183,320	220,420	250,890	282,770	436,460	842,390	784,230	602,380	426,760
14	115,130	135,930	158,240	185,690	221,230	251,510	283,820	452,600	848,510	777,960	597,620	420,450
15	115,320	136,690	158,820	188,070	222,030	252,340	284,870	471,560	852,350	772,690	592,640	414,140
16	115,690	137,250	159,200	190,250	223,450	253,370	285,930	490,390	856,170	767,950	588,610	407,430
17	116,430	138,010	159,780	191,440	224,270	254,410	287,000	504,700	855,940	761,970	584,340	401,170
18	116,990	138,760	160,160	192,430	225,290	255,650	288,060	515,850	855,680	755,250	579,600	397,150
19	117,550	139,710	160,730	193,620	226,920	256,680	290,180	527,930	855,680	748,030	575,100	394,280
20	118,280	140,460	161,120	195,000	228,550	257,720	292,720	541,720	855,680	740,600	570,150	392,240
21	119,040	141,220	161,690	196,190	229,980	258,750	295,050	556,250	853,380	732,440	564,030	390,020
22	119,780	141,970	162,080	197,380	231,610	259,580	297,600	567,800	852,100	723,540	556,250	386,480
23	120,520	142,730	162,460	198,370	233,450	260,400	301,840	577,940	851,070	715,420	548,740	382,490
24	121,270	143,480	162,840	199,360	235,280	261,230	306,520	589,560	849,780	707,810	542,190	377,840
25	122,010	144,240	163,230	200,350	236,510	262,060	311,020	602,140	848,760	701,180	534,840	373,410
26	122,750	145,010	163,620	201,140	237,940	262,880	315,320	616,950	848,760	696,780	527,930	369,210
27	123,310	145,590	164,400	201,930	238,960	263,710	319,610	632,770	848,760	690,420	520,960	365,050
28	123,870	146,350	164,790	202,730	239,970	264,550	323,900	650,100	848,760	684,320	512,820	361,320
29	124,610	146,930	164,790	203,340	241,610	265,600	327,120	665,360	848,510	677,740	504,470	360,000
30	125,170	147,690	165,370	203,940	241,610	266,860	331,460	682,130	847,460	669,960	496,160	360,660
31	125,740	148,450	165,960	204,740	241,610	268,110	335,800	699,710	847,460	662,690	487,860	360,660

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Plate No.
1	22	20	20	19	90	1520	1940	4540	445	445
2	23	22	20	19	95	2130	1510	4240	410	410
3	3000	3000	20	20	104	966	3150	2880	357	357
4	3000	22	20	20	104	270	4160	1960	278	278
5	3000	22	20	20	104	174	4880	1820	244	244
6	3000	22	20	20	106	134	5190	2290	221	221
7	3000	22	19	20	106	115	5040	3230	257	257
8	3000	22	19	20	112	82	5020	2980	207	207
9	3000	24	19	20	112	46	4990	3280	159	159
10	3000	24	19	23	112	46	5070	3400	208	208
11	3000	24	19	23	122	43	5060	3860	322	322
12	3000	24	19	23	131	630	4750	3600	367	367
13	3000	19	19	23	159	1420	4640	3500	379	379
14	319	18	19	26	188	2570	4140	3570	372	372
15	144	23	18	29	246	3610	3820	3080	368	368
16	24	23	18	33	305	4350	3860	2790	380	380
17	24	23	19	36	250	4580	4800	2980	290	290
18	24	23	19	40	226	4580	4850	2850	197	197
19	23	23	19	44	252	4580	5020	3030	162	162
20	23	23	19	48	279	4580	5360	3720	120	120
21	23	23	19	74	305	4580	5850	4180	179	179
22	22	23	19	84	278	4260	5600	4940	241	241
23	22	23	20	77	250	3920	5240	4400	258	258
24	22	20	20	74	296	3290	4860	4030	265	265
25	22	20	20	70	336	3080	4030	4210	251	251
26	20	20	19	74	364	2760	3910	3980	237	237
27	23	20	19	74	412	2580	3900	4260	234	234
28	23	20	19	80	422	2570	4060	5310	168	168
29	23	20	19	90	432	2570	4660	5160	57	57
30	23	20	19	90	468	2400	4980	5260	48	48
31	23	20	19	90	457	1520	4850	4930	493	493

152	22.9	21.3	21.9	19.3	19.2	43.8	233	2281	4490	3681	2529
9280	1260	1310	1350	1110	1180	2600	14,330	138,700	276,100	226,400	150,470

1.151 621.290

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3030	2470	2170	1920	1920	1890	1890	14700	28300	12200	9940	8640
2	2950	2520	2170	1940	1920	1810	1810	15000	28100	11300	10000	8030
3	2900	2590	2170	1920	1920	1820	1820	15100	25700	10400	9880	7740
4	2880	2880	2520	2170	2170	1920	1920	21200	20800	12100	7560	6880
5	2880	2880	2490	2170	2170	1920	1920	21200	20800	12100	7960	6880
6	2860	2500	2500	1940	1940	1810	1810	18600	19300	12600	7080	6470
7	2850	2560	2200	1940	1940	1810	1810	18600	18400	12700	7110	5980
8	2850	2560	2200	1940	1950	1910	1910	15500	18000	12500	7930	6190
9	2850	2620	2180	1950	2030	15400	17400	15400	17400	12300	7620	5900
10	2830	2830	2640	1960	2050	17000	16100	17000	16100	12000	7870	5450
11	2830	2490	2170	1940	2080	19000	15500	19000	15500	12000	7960	5200
12	2850	2370	2150	1890	2330	21500	16100	21500	16100	12000	8460	6220
13	2860	2420	2230	1920	2660	23300	17300	23300	17300	12000	8360	6820
14	2860	2390	2170	1920	2980	25400	18800	25400	18800	11800	8140	7020
15	2900	2360	2100	1940	3500	27800	20300	27800	20300	10900	8050	7050
16	2950	2360	1890	1890	3940	28600	21600	28600	21600	10300	7680	6960
17	2810	2440	1840	1870	4510	26200	21400	26200	21400	10100	7110	6640
18	2660	2470	1880	1870	5240	23000	20900	23000	20900	10900	7230	6640
19	2610	2470	1850	1850	6140	21700	20700	21700	20700	10600	6990	5630
20	2590	2440	1880	1880	7170	22400	19700	22400	19700	10500	6880	5270
21	2590	2410	1910	1880	8640	22100	19200	22100	19200	10600	7380	4710
22	2620	2370	1910	1890	10400	20400	18900	20400	18900	11000	7560	4860
23	2590	2360	1890	1890	12000	18900	18200	18900	18200	10700	8240	5470
24	2520	2340	1880	1890	13400	18900	17500	18900	17500	10500	7870	5680
25	2540	2330	1880	1880	12900	21000	16100	21000	16100	9710	7620	5750
26	2560	2280	1890	1890	12600	22100	15200	22100	15200	9250	7410	5630
27	2540	2280	1920	1920	13100	22600	14400	22600	14400	8990	7580	5550
28	2540	2310	1940	1940	13600	22700	14200	22700	14200	8960	8420	5550
29	2540	2250	1940	1940	14600	23200	13400	23200	13400	9420	8560	5550
30	2520	2250	1940	1940	14600	23200	13400	23200	13400	9420	8560	5550
31	2490	2180	1940	1940	1840	1850	1850	24600	23200	9740	8520	8520

[illegible]

MEAN 7.050
VARIANCE 6.105, 300

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	1260	2160	2300				2500	17300	22700	6630	3710	2750
2	1300	2340					2980	18000	26400	5920	4160	2910
3	1170	2430					2820	18300	28600	4720	4450	2920
4	1120	2520					2610	18600	28200	4240	4340	2870
5	1020	2610					2590	20400	25800	4830	3680	2730
6	855	2700					2610	23400	22900	5030	2920	2730
7	990	2790					2500	25700	21100	5270	2510	2340
8	997	2850					2530	22500	19900	5530	2640	2050
9	1060	2910					2510	19300	19700	5150	2910	1450
10	1040	2920					2510	18300	18800	4860	2800	1370
11	978	2960					2580	18800	17000	4830	2920	1180
12	1010	2870					2660	20000	15300	5090	3170	960
13	1020	2760					2760	21600	14200	5420	3270	1050
14	1150	2820					3270	23000	14800	5700	3250	1630
15	1260	2800					3500	24200	15200	5700	3230	2200
16	1400	2660					3920	25700	15400	4950	3210	2440
17	1300	2680					4470	27000	15400	3970	3060	2480
18	1300	2780					5090	26000	14700	3530	2680	2400
19	1300	2780					5790	22100	14700	3800	2640	2380
20	1270	2760					6960	19700	13000	3620	2500	2130
21	1370	2710					8010	19500	12000	3480	2530	1940
22	1410	2670					9610	19200	11500	3440	2230	1560
23	1530	2630					11400	16800	10900	3730	2320	1350
24	1690	2580					13500	15200	10400	4040	2630	1350
25	1690	2550					15000	14800	9570	4520	2380	1580
26	1690	2270					14900	15200	8870	4660	2260	1690
27	1730	2390					15400	16200	8940	4260	2420	1990
28	1750	2420					15400	17600	8380	3900	2290	2250
29	1730	2470					15700	18200	7530	3550	2240	2500
30	1850	2440					16200	18400	7360	3310	2660	2500
31	1970						2700	19200		3440	2730	

(12-31)

2066	2921	4546	15,980	20,010	6743	401,200	1,230,000	950,600	279,600	179,600	122,800
1329	2641										
81,740	167,200										

Year
or
Mean

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	226	960	2240	2050	1170	2170	2080	15800	16300	3630	705	280
2	201	1350	2140	2180	1380	2320	2160	16400	20400	2760	1110	290
3	215	1940	1860	2040	1270	2440	2030	16600	24300	2250	1750	412
4	191	2050	1740	2150	1310	2430	2120	16700	25000	1090	2050	528
5	169	2360	1910	2100	1530	2460	2160	17500	23700	938	2150	570
6	175	2510	2000	1760	1580	2470	2140	19600	21200	1270	1520	701
7	166	2520	2010	1640	1400	2590	2100	22800	19300	1220	1300	771
8	163	2670	2400	1590	1280	2570	2040	21800	17900	1490	972	458
9	169	2820	2470	1460	1250	2780	2050	17500	17400	1400	890	363
10	158	2760	2400	1420	1250	2680	2030	15100	16900	1250	790	239
11	179	2800	2380	1540	1250	2760	2050	14800	15300	1060	528	212
12	201	2730	2410	1730	1250	2820	2070	15000	13400	1590	628	264
13	198	2570	2460	2260	1360	2670	2100	16000	11600	1930	898	228
14	215	2630	2360	2350	1570	2670	2290	17400	11200	2130	1020	225
15	245	2620	2340	2360	1740	2590	2630	18200	11600	2180	914	254
16	286	2590	1750	2220	1760	2600	2870	19800	11200	1910	842	260
17	404	2540	1280	2110	1620	2590	3270	21700	11100	1150	890	439
18	452	2630	1020	1980	1560	2510	3730	21700	10600	498	798	510
19	458	2620	944	2010	1750	2350	4360	18700	10300	284	522	492
20	486	2630	1040	1780	1750	2320	5230	15900	9340	318	480	534
21	538	2600	1030	1590	2300	2300	6360	15300	8240	225	536	609
22	607	2540	1220	1700	2230	2230	7860	15300	7620	197	222	492
23	607	2510	1400	1840	2240	2260	10000	13900	7170	197	201	462
24	620	2470	1480	1900	2340	2220	12000	12100	6820	345	195	450
25	634	2460	1630	1750	2340	2170	13900	11200	6250	812	228	296
26	627	2320	1830	1660	2230	2100	14600	11000	5700	1460	193	350
27	627	2180	1980	1570	2220	2030	14900	11300	5480	1400	187	332
28	640	2290	2110	1470	2120	1980	14900	12500	5220	1150	230	385
29	647	2350	2100	1210	2120	2100	14900	13300	4440	850	208	532
30	681	2340	2220	1180	2110	2110	15200	13700	4110	602	195	628
31	772							14000		486	239	

Mean	Area	Per.
2412	143,600	25.720
1882	116,700	
1800	110,600	
1664	85,720	
2402	147,700	
6871	549,300	
16210	886,800	
12,640	761,900	
1,222	75,120	
748	46,000	
421	25,080	

Mean 3,889
Area-Foot 8,881,240

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	46,960	98,770	281,970	489,960	704,880	928,450	1,187,560	1,530,420	1,716,320	1,649,860	1,191,800	774,380
2	48,180	101,190	289,090	498,010	709,660	936,960	1,195,560	1,554,370	1,721,450	1,637,700	1,179,550	761,730
3	49,000	103,330	296,050	510,830	716,150	945,970	1,204,980	1,577,030	1,725,440	1,626,650	1,171,080	749,870
4	50,230	107,640	302,710	512,820	722,480	955,990	1,213,550	1,594,960	1,722,590	1,617,250	1,160,280	738,630
5	51,450	111,430	308,920	520,220	728,100	965,170	1,221,220	1,604,750	1,719,170	1,606,380	1,148,750	727,400
6	52,780	114,620	315,580	528,580	733,720	974,770	1,225,540	1,629,960	1,714,610	1,592,250	1,137,690	717,920
7	54,270	118,410	322,410	535,330	740,740	983,110	1,233,210	1,650,420	1,705,600	1,575,400	1,125,700	710,000
8	54,950	123,610	329,060	541,490	747,410	992,110	1,236,570	1,671,970	1,714,610	1,569,170	1,111,050	702,150
9	56,190	127,940	336,890	547,940	753,070	999,410	1,242,800	1,688,230	1,722,590	1,543,730	1,096,620	692,920
10	56,860	133,870	344,830	553,810	758,480	1,010,140	1,247,600	1,693,830	1,726,010	1,529,350	1,081,740	683,020
11	57,080	140,190	353,860	559,840	764,250	1,020,870	1,252,870	1,706,720	1,719,170	1,513,380	1,067,390	674,010
12	58,410	145,950	360,700	567,410	770,380	1,030,850	1,257,680	1,718,600	1,706,720	1,499,170	1,051,540	663,720
13	57,530	151,700	370,090	574,980	776,150	1,039,660	1,262,070	1,725,440	1,700,560	1,484,510	1,037,460	653,100
14	56,970	157,900	378,850	582,850	783,360	1,050,660	1,267,910	1,720,880	1,703,360	1,470,370	1,023,870	645,230
15	56,630	164,150	387,360	592,160	791,420	1,069,910	1,276,190	1,709,520	1,709,520	1,455,730	1,012,720	640,400
16	58,880	169,150	395,230	602,790	799,200	1,070,030	1,284,960	1,706,160	1,715,750	1,445,450	999,840	633,950
17	60,790	173,960	402,150	612,790	806,610	1,079,940	1,294,210	1,711,760	1,720,310	1,432,590	988,680	628,150
18	62,490	181,840	407,280	620,420	813,650	1,088,060	1,304,920	1,716,320	1,718,600	1,417,680	977,270	624,280
19	65,700	190,910	411,130	628,470	820,690	1,097,070	1,314,320	1,711,760	1,719,740	1,401,310	967,260	622,030
20	68,020	198,740	414,210	636,210	827,460	1,106,640	1,328,180	1,709,520	1,717,460	1,386,180	953,900	619,770
21	70,350	205,400	419,420	643,620	836,230	1,104,740	1,343,030	1,703,920	1,712,900	1,370,040	942,630	617,520
22	74,270	215,640	424,150	649,780	845,750	1,117,400	1,359,960	1,702,800	1,707,840	1,351,940	928,450	612,790
23	77,490	222,970	429,400	656,090	856,330	1,123,400	1,374,580	1,702,800	1,705,040	1,335,110	915,510	611,230
24	80,540	230,120	434,920	662,060	870,380	1,131,230	1,390,720	1,701,120	1,701,680	1,316,790	898,220	610,290
25	83,720	237,700	440,970	668,370	879,790	1,137,690	1,406,880	1,702,800	1,698,860	1,298,100	884,100	609,670
26	86,610	245,060	446,860	675,010	888,030	1,138,150	1,425,910	1,708,400	1,694,960	1,283,980	866,060	610,600
27	88,770	252,270	453,590	680,990	897,440	1,144,600	1,446,480	1,712,900	1,687,110	1,269,860	851,470	607,790
28	89,960	260,270	460,590	686,430	907,020	1,153,360	1,467,230	1,718,600	1,674,780	1,252,870	835,460	606,230
29	90,360	268,060	467,320	692,240	919,150	1,158,890	1,487,650	1,722,590	1,668,110	1,238,490	818,840	605,910
30	94,780	275,070	474,190	697,020	931,150	1,171,080	1,509,120	1,720,310	1,659,810	1,221,220	802,540	606,230
31	96,490		481,660	701,460		1,184,750				1,205,450	786,970	

Year

Mean

U. S. GEOLOGICAL SURVEY WATER DIVISION

MEAN
ANNUAL

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	2240	2570	1360	215	1330	222	628	7260	17300	11600	10600	9330
2	2240	2570	1360	1040	758	220	710	7220	19100	11100	10000	9080
3	2130	2570	1130	993	907	222	710	8740	25600	8870	9890	9080
4	2030	3060	1090	993	909	225	973	10200	28400	8870	10100	9030
5	1990	3030	1100	220	918	225	1390	10200	28400	8990	10300	8490
6	1990	3030	1100	1180	945	225	1550	11300	28300	11200	10300	8030
7	2040	2490	1060	1180	910	225	1980	13400	22000	11700	10600	7620
8	2200	2410	1080	1200	916	225	2130	13500	17300	11700	11000	7380
9	2200	2480	1080	1240	916	213	2130	16900	17400	11600	11100	7380
10	2460	2570	944	1220	916	195	2110	13400	20400	11700	11100	7380
11	2470	2570	689	1040	926	195	2110	10000	23700	11600	11100	7990
12	2780	2420	646	211	488	195	2110	12700	20800	11500	11000	7200
13	2790	2470	668	972	218	195	1770	18000	14700	11400	10600	7060
14	2810	2400	662	971	215	195	1560	21900	10700	11000	9890	6540
15	2810	2400	657	468	215	197	1440	21800	10700	10800	9590	6490
16	2160	2020	804	215	215	195	1110	21800	10900	10800	9380	6020
17	1890	1930	1010	218	215	187	910	21900	12300	10700	8990	5460
18	1690	1780	1350	519	334	403	795	21900	13300	10700	8870	4460
19	1670	1590	1720	480	450	1020	804	21900	13300	10900	8870	4260
20	1670	1310	1200	599	445	1010	795	21800	13300	11500	8990	4260
21	1690	1240	1150	1040	320	1050	804	19500	13300	11800	9550	4240
22	1710	1260	1150	1390	280	940	2400	17600	12300	11800	9720	4280
23	1730	1260	1150	1430	218	1090	4110	17500	11000	11800	9760	4260
24	1720	1260	1060	1340	228	1420	5820	14900	10900	11700	10700	3690
25	1730	1270	1020	960	225	1440	6820	11300	10900	11800	11100	3370
26	2070	1280	1060	804	222	1470	6860	10700	10900	11900	11000	3350
27	2160	1290	1040	951	175	1340	6820	11300	10900	11800	11000	3330
28	2210	1290	1020	1040	144	984	6820	11800	11500	11800	11000	3330
29	2160	1290	1020	1520	201	920	6820	11800	11500	11700	11000	3000
30	2470	1270	1040	1550		710	7100	14900	11400	11500	10900	2530
31	2570			1580		558	17300			11000	10100	

Mean	2,146	2,012	1,044	928	823	678	2,736	15,160	16,090	11,190	10,260	5,931
Area	151,900	119,800	64,210	87,080	30,070	35,630	162,800	932,100	937,400	687,900	630,900	352,900

MEAN 8,734
AREA 4,162,590

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
23,500	24,620	25,940	27,760	30,630	33,530	38,400	40,170	43,760	46,300	50,520	53,540	55,260	57,730	59,560	61,280	62,820	64,250	65,450	66,940	68,310	64,140	64,800	63,920	63,480	63,710	62,260	64,140	64,140	70,070	13,500
23,700	25,940	27,760	30,630	33,530	38,400	40,170	43,760	46,300	50,520	53,540	55,260	57,730	59,560	61,280	62,820	64,250	65,450	66,940	68,310	64,140	64,800	63,920	63,480	63,710	62,260	64,140	64,140	70,070	13,500	15,480
23,900	26,940	28,760	31,630	34,530	39,400	41,170	44,760	47,300	51,520	54,540	56,260	58,730	60,560	62,280	63,820	65,250	66,450	67,940	69,310	65,140	65,800	64,920	64,480	64,710	63,260	65,140	65,140	71,070	13,900	15,900
24,100	27,940	29,760	32,630	35,530	40,400	42,170	45,760	48,300	52,520	55,540	57,260	59,730	61,560	63,280	64,820	66,250	67,450	68,940	70,310	66,140	66,800	65,920	65,480	65,710	64,260	66,140	66,140	72,070	14,300	16,300
24,300	28,940	30,760	33,630	36,530	41,400	43,170	46,760	49,300	53,520	56,540	58,260	60,730	62,560	64,280	65,820	67,250	68,450	69,940	71,310	67,140	67,800	66,920	66,480	66,710	65,260	67,140	67,140	73,070	14,700	16,700
24,500	29,940	31,760	34,630	37,530	42,400	44,170	47,760	50,300	54,520	57,540	59,260	61,730	63,560	65,280	66,820	68,250	69,450	70,940	72,310	68,140	68,800	67,920	67,480	67,710	66,260	68,140	68,140	74,070	15,100	17,100
24,700	30,940	32,760	35,630	38,530	43,400	45,170	48,760	51,300	55,520	58,540	60,260	62,730	64,560	66,280	67,820	69,250	70,450	71,940	73,310	69,140	69,800	68,920	68,480	68,710	67,260	69,140	69,140	75,070	15,500	17,500
24,900	31,940	33,760	36,630	39,530	44,400	46,170	49,760	52,300	56,520	59,540	61,260	63,730	65,560	67,280	68,820	70,250	71,450	72,940	74,310	70,140	70,800	69,920	69,480	69,710	68,260	70,140	70,140	76,070	15,900	17,900
25,100	32,940	34,760	37,630	40,530	45,400	47,170	50,760	53,300	57,520	60,540	62,260	64,730	66,560	68,280	69,820	71,250	72,450	73,940	75,310	71,140	71,800	70,920	70,480	70,710	69,260	71,140	71,140	77,070	16,300	18,300
25,300	33,940	35,760	38,630	41,530	46,400	48,170	51,760	54,300	58,520	61,540	63,260	65,730	67,560	69,280	70,820	72,250	73,450	74,940	76,310	72,140	72,800	71,920	71,480	71,710	70,260	72,140	72,140	78,070	16,700	18,700
25,500	34,940	36,760	39,630	42,530	47,400	49,170	52,760	55,300	59,520	62,540	64,260	66,730	68,560	70,280	71,820	73,250	74,450	75,940	77,310	73,140	73,800	72,920	72,480	72,710	71,260	73,140	73,140	79,070	17,100	19,100
25,700	35,940	37,760	40,630	43,530	48,400	50,170	53,760	56,300	60,520	63,540	65,260	67,730	69,560	71,280	72,820	74,250	75,450	76,940	78,310	74,140	74,800	73,920	73,480	73,710	72,260	74,140	74,140	80,070	17,500	19,500
25,900	36,940	38,760	41,630	44,530	49,400	51,170	54,760	57,300	61,520	64,540	66,260	68,730	70,560	72,280	73,820	75,250	76,450	77,940	79,310	75,140	75,800	74,920	74,480	74,710	73,260	75,140	75,140	81,070	17,900	19,900
26,100	37,940	39,760	42,630	45,530	50,400	52,170	55,760	58,300	62,520	65,540	67,260	69,730	71,560	73,280	74,820	76,250	77,450	78,940	80,310	76,140	76,800	75,920	75,480	75,710	74,260	76,140	76,140	82,070	18,300	20,300
26,300	38,940	40,760	43,630	46,530	51,400	53,170	56,760	59,300	63,520	66,540	68,260	70,730	72,560	74,280	75,820	77,250	78,450	79,940	81,310	77,140	77,800	76,920	76,480	76,710	75,260	77,140	77,140	83,070	18,700	20,700
26,500	39,940	41,760	44,630	47,530	52,400	54,170	57,760	60,300	64,520	67,540	69,260	71,730	73,560	75,280	76,820	78,250	79,450	80,940	82,310	78,140	78,800	77,920	77,480	77,710	76,260	78,140	78,140	84,070	19,100	21,100
26,700	40,940	42,760	45,630	48,530	53,400	55,170	58,760	61,300	65,520	68,540	70,260	72,730	74,560	76,280	77,820	79,250	80,450	81,940	83,310	79,140	79,800	78,920	78,480	78,710	77,260	79,140	79,140	85,070	19,500	21,500
26,900	41,940	43,760	46,630	49,530	54,400	56,170	59,760	62,300	66,520	69,540	71,260	73,730	75,560	77,280	78,820	80,250	81,450	82,940	84,310	80,140	80,800	79,920	79,480	79,710	78,260	80,140	80,140	86,070	19,900	21,900
27,100	42,940	44,760	47,630	50,530	55,400	57,170	60,760	63,300	67,520	70,540	72,260	74,730	76,560	78,280	79,820	81,250	82,450	83,940	85,310	81,140	81,800	80,920	80,480	80,710	79,260	81,140	81,140	87,070	20,300	22,300
27,300	43,940	45,760	48,630	51,530	56,400	58,170	61,760	64,300	68,520	71,540	73,260	75,730	77,560	79,280	80,820	82,250	83,450	84,940	86,310	82,140	82,800	81,920	81,480	81,710	80,260	82,140	82,140	88,070	20,700	22,700
27,500	44,940	46,760	49,630	52,530	57,400	59,170	62,760	65,300	69,520	72,540	74,260	76,730	78,560	80,280	81,820	83,250	84,450	85,940	87,310	83,140	83,800	82,920	82,480	82,710	81,260	83,140	83,140	89,070	21,100	23,100
27,700	45,940	47,760	50,630	53,530	58,400	60,170	63,760	66,300	70,520	73,540	75,260	77,730	79,560	81,280	82,820	84,250	85,450	86,940	88,310	84,140	84,800	83,920	83,480	83,710	82,260	84,140	84,140	90,070	21,500	23,500
27,900	46,940	48,760	51,630	54,530	59,400	61,170	64,760	67,300	71,520	74,540	76,260	78,730	80,560	82,280	83,820	85,250	86,450	87,940	89,310	85,140	85,800	84,920	84,480	84,710	83,260	85,140	85,140	91,070	21,900	23,900
28,100	47,940	49,760	52,630	55,530	60,400	62,170	65,760	68,300	72,520	75,540	77,260	79,730	81,560	83,280	84,820	86,250	87,450	88,940	90,310	86,140	86,800	85,920	85,480	85,710	84,260	86,140	86,140	92,070	22,300	24,300
28,300	48,940	50,760	53,630	56,530	61,400	63,170	66,760	69,300	73,520	76,540	78,260	80,730	82,560	84,280	85,820	87,250	88,450	89,940	91,310	87,140	87,800	86,920	86,480	86,710	85,260	87,140	87,140	93,070	22,700	24,700
28,500	49,940	51,760	54,630	57,530	62,400	64,170	67,760	70,300	74,520	77,540	79,260	81,730	83,560	85,280	86,820	88,250	89,450	90,940	92,310	88,140	88,800	87,920	87,480	87,710	86,260	88,140	88,140	94,070	23,100	25,100
28,700	50,940	52,760	55,630	58,530	63,400	65,170	68,760	71,300	75,520	78,540	80,260	82,730	84,560	86,280	87,820	89,250	90,450	91,940	93,310	89,140	89,800	88,920	88,480	88,710	87,260	89,140	89,140	95,070	23,500	25,500
28,900	51,940	53,760	56,630	59,530	64,400	66,170	69,760	72,300	76,520	79,540	81,260	83,730	85,560	87,280	88,820	90,250	91,450	92,940	94,310	90,140	90,800	89,920	89,480	89,710	88,260	90,140	90,140	96,070	23,900	25,900
29,100	52,940	54,760	57,630	60,530	65,400	67,170	70,760	73,300	77,520	80,540	82,260	84,730	86,560	88,280	89,820	91,250	92,450	93,940	95,310	91,140	91,800	90,920	90,480	90,710	89,260	91,140	91,140	97,070	24,300	26,300
29,300	53,940	55,760	58,630	61,530	66,400	68,170	71,760	74,300	78,520	81,540	83,260	85,730	87,560	89,280	90,820	92,250	93,450	94,940	96,310	92,140	92,800	91,920	91,480	91,710	90,260	92,140	92,140	98,070	24,700	26,700
29,500	54,940	56,760	59,630	62,530	67,400	69,170	72,760	75,300	79,520	82,540	84,260	86,730	88,560	90,280	91,820	93,250	94,450	95,940	97,310	93,140	93,800	92,920	92,480	92,710	91,260	93,140	93,140	99,070	25,100	27,100
29,700	55,940	57,760	60,630	63,530	68,400	70,170	73,760	76,300	80,520	83,540	85,260	87,730	89,560	91,280	92,820	94,250	95,450	96,940	98,310	94,140	94,800	93,920	93,480	93,710	92,260	94,140	94,140	100,070	25,500	27,500
29,900	56,940	58,760	61,630	64,530	69,400	71,170	74,760	77,300	81,520	84,540	86,260	88,730	90,560	92,280	93,820	95,250	96,450	97,940	99,310	95,140	95,800	94,920	94,480	94,710	93,260	95,140	95,140	101,070	25,900	27,900
30,100	57,940	59,760	62,630	65,530	70,400	72,170	75,760	78,300	82,520	85,540	87,260	89,730	91,560	93,280	94,820	96,250	97,450	98,940	100,310	96,140	96,800	95,920	95,480	95,710	94,260	96,140	96,140	102,070	26,300	28,300
30,300	58,940	60,760	63,630	66,530	71,400	73,170	76,760	79,300	83,520	86,540	88,260	90,730	92,560	94,280	95,820	97,250	98,450	99,940	101,310	97,140	97,800	96,920	96,480	96,710	95,260	97,140	97,140	103,070	26,700	28,

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	371	144	115	115	115	0	0	522	1140	1300	1220	1250
2	377	145	115	115	115	0	0	634	988	1310	1210	1220
3	379	146	115	115	115	0	0	829	882	1290	1180	1200
4	409	149	115	115	115	0	0	1020	779	1290	1140	1210
5	415	139	115	115	115	0	0	1170	698	1290	1130	1180
6	424	135	115	115	115	0	0	1190	652	1290	1140	1090
7	460	136	67	0	0	0	0	1220	583	1220	1050	1090
8	462	139	0	0	0	0	0	1260	494	1130	1090	1100
9	432	142	0	0	0	0	0	1250	299	1100	1220	1080
10	397	142	0	0	0	0	0	1250	299	1090	1200	1070
11	358	143	0	0	0	0	0	1300	422	1080	1160	1000
12	341	128	0	0	0	0	0	1310	452	1080	974	919
13	334	127	0	0	0	0	0	1300	580	1080	876	857
14	285	129	0	0	0	0	0	1300	695	1080	776	795
15	209	129	0	0	0	0	0	1300	809	1070	749	695
16	169	131	0	0	0	0	0	1300	930	1120	801	637
17	165	131	0	0	0	0	0	1300	1180	1260	959	600
18	165	132	0	0	0	0	0	1300	1260	1260	1030	551
19	165	131	0	0	0	0	0	1270	1260	1290	1140	503
20	151	131	0	0	0	0	0	1310	1310	1210	1210	498
21	150	122	0	0	0	0	0	1220	1320	1230	1230	548
22	156	116	0	0	0	0	0	1220	1300	1280	1280	598
23	155	116	0	0	0	0	0	1220	1310	1240	1240	593
24	156	116	0	0	0	0	0	1250	1300	1270	1270	606
25	157	117	0	0	0	0	0	1250	1280	1270	1260	576
26	157	118	0	0	0	0	0	1250	1250	1270	1260	551
27	242	118	0	0	0	0	0	1270	1250	1270	1260	529
28	358	118	0	0	0	0	0	1280	1260	1270	1250	498
29	335	118	0	0	0	0	0	1260	1260	1270	1230	485
30	264	118	0	0	0	0	0	1260	1260	1270	1230	485
31	145	145	0	0	0	0	0	1270	1260	1250	1240	485

dry

Mean	282	130	24.1	1.500								
Acres	17,240	7,750										
Feet	17,240	7,750										

YEAR 1905
MIRAN 485
ACRE-Feet 552,120

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1190	1630	1130	1050	1090	416	274	6000	14200	8200	8170	7040
2	1430	1410	1010	1140	900	425	246	5690	16000	7860	7970	7010
3	1610	1320	1160	1200	830	500	281	9070	25400	5630	8120	7070
4	1610	1470	1160	1270	880	592	239	8280	26500	5480	8260	6980
5	1610	1300	1140	1020	870	592	239	7510	26200	7770	8230	6980
6	1610	820	1160	1020	880	592	1440	8070	22800	8440	8230	6650
7	1660	820	1160	1020	880	592	1440	8070	22800	8440	8230	6650
8	1950	550	1140	1050	880	586	2040	8820	16500	8460	8230	6390
9	2180	586	1140	1260	870	580	1960	10800	16200	8460	8260	6370
10	2360	580	1130	1290	870	562	1980	11900	18100	8280	8230	6340
11	2150	1090	1110	1290	920	586	1960	8190	22100	8700	8060	6470
12	1960	1100	1140	900	810	562	1960	7950	21900	8670	8030	6440
13	1800	1250	1150	984	710	355	1670	10900	14600	8320	7830	6110
14	1670	1390	1190	1220	630	165	1450	19200	8030	8580	7650	5780
15	1630	1390	1180	1770	580	252	1350	18400	7880	8520	7650	5580
16	1540	1200	1240	1410	568	550	840	18600	8320	8550	7680	5100
17	1470	1090	1370	819	598	568	721	18800	11200	8780	7430	4700
18	1280	1090	1520	616	646	1060	1140	18800	10900	8810	7570	4280
19	1170	1090	1490	864	664	1340	1110	18600	9860	8750	7540	4000
20	1200	1090	1290	1010	682	1400	1060	19200	9860	8700	7740	3980
21	1220	1090	1270	1170	770	1160	1080	17900	9960	8520	7740	3860
22	1170	1090	1280	1210	992	1050	1340	14400	9320	8490	7740	3800
23	1170	1160	1310	1230	714	1050	3270	14400	7910	8460	7710	3660
24	1170	1090	1260	1330	742	1060	4030	12900	8290	8460	8030	3070
25	1170	1110	1250	1310	682	1110	3840	9320	8290	8700	7940	3140
26	1110	1110	1280	1220	562	1190	3600	7940	7970	8750	7880	2940
27	1060	1090	1340	1210	445	1060	3740	8200	7970	8670	7860	2920
28	1060	1070	1380	1130	425	250	4380	8140	8200	8550	7830	2900
29	1170	1070	1330	1100	425	207	5760	10100	8140	8580	7800	2650
30	1250	1140	1340	1190		180	6350	13200	8230	8450	7800	2310
31	1620											

Balance	1,492	1,122	1,237	1,160	740	669	1,986	11,980	13,760	8,218	7,891	5,051
Accrued Interest	91,760	66,760	76,090	70,740	42,580	41,160	118,200	736,800	816,800	805,300	485,200	300,600

Year 4,620
Miles 3,553.990

1.13	0.5	56.4	59.5	61.7	61.1	57.5
67	50	5.470	5.550	5.800	5.760	5.410

[illegible]

• For the first meeting (10-11-1998)

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							0	109	152	152	147	125
2							0	127	152	152	134	125
3							0	127	152	151	90	125
4							0	126	154	152	146	125
5							0	125	155	152	149	125
6							0	125	155	152	149	125
7							0	93	154	150	150	125
8							0	103	154	150	150	125
9							0	153	144	172	152	126
10							0	155	130	169	154	126
11							0	156	128	170	151	127
12							0	156	129	170	150	127
13							0	156	127	170	141	127
14							0	156	128	169	62	127
15							0	150	126	128	124	127
16							0	155	128	157	124	127
17							0	155	128	170	124	127
18							0	154	128	170	124	127
19							0	155	132	171	125	100
20							0	156	143	170	124	100
21							0	154	150	170	121	100
22							0	153	150	169	124	100
23							0	153	151	169	126	92
24							19	154	147	169	124	78
25							29	153	148	169	124	80
26							44	152	151	169	124	78
27							56	152	110	169	124	78
28							65	151	63	171	124	79
29							80	152	152	172	124	79
30							84	152	152	171	124	79
31							106	152	152	168	109	

- Dry October 1 to April 22, incl. -

Year	Area	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
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YUAN
MEAN
58.8

42-768

7.6	54.6			32.7	1061	1226	1561	1119	656
470	3,240			1,840	66,460	72,850	65,090	68,810	39,020

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	540					0	635	1210	1310	1350	883
2	0	510					0	637	1210	1310	1300	870
3	0	437					0	710	1210	1310	1260	875
4	0	147					0	830	1210	1320	1260	880
5	0	0					0	850	1210	1320	1240	880
6	0	0					0	860	1210	1320	1210	865
7	0	0					0	930	1210	1310	1190	860
8	0	0					0	975	1210	1350	1180	850
9	0	0					0	975	1210	1370	1180	846
10	0	0					0	1010	1210	1360	1180	840
11	0	0					0	1130	1210	1350	1180	838
12	0	0					0	1170	1210	1360	1150	837
13	0	0					0	1180	1210	1360	1130	836
14	0	0					0	1180	1210	1360	1130	842
15	0	0					0	1180	1210	1360	1110	847
16	0	0					0	1180	1210	1360	1080	845
17	0	0					0	1180	1210	1360	1070	830
18	0	0					0	1180	1210	1360	1050	825
19	0	0					0	1170	1210	1360	1050	820
20	0	0					0	1200	1210	1370	1050	820
21	0	0					0	1210	1210	1370	1050	820
22	0	0					0	1210	1220	1360	1050	810
23	0	0					0	1220	1220	1370	1050	810
24	0	0					0	1220	1220	1370	1050	245
25	0	0					0	1220	1250	1360	1060	0
26	0	0					0	1220	1270	1370	1050	0
27	0	0					0	1210	1270	1370	1050	0
28	0	0					0	1210	1300	1360	1050	0
29	0	0					530	1210	1310	1360	1050	0
30	0	0					650	1210	1310	1360	995	0
31	237	0						1200	1360	1360	885	

MEAN	AGE	FEET	26.520	27.450	26.660	19.590	24.580	33.040	160.000	155.100	146.100	138.600	84.990
12.2	476	446	454	341	396	666	2603	2573	2376	2265	1428		

TRAN
ON
ACRE-Feet: 843,000
MEAN
1.168

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug
1	0	604	431	437	479	40	0	2370	2830	2830	2450
2	0	548	434	434	488	32	0	2410	2810	2790	2080
3	0	563	452	434	497	113	0	2510	2800	2790	2060
4	0	557	461	437	491	170	0	2550	2800	454	2060
5	0	506	452	434	479	168	0	2040	2800	0	2060
6	0	491	452	437	464	197	0	2120	2760	0	2040
7	0	494	452	428	467	216	0	2120	2740	0	2010
8	0	479	449	440	458	204	0	2240	2540	1230	2020
9	0	470	449	440	458	197	0	2280	2530	2650	2030
10	0	479	442	440	458	232	0	2460	2150	2660	1910
11	0	482	446	446	443	344	0	2530	2150	2640	1840
12	0	479	437	443	422	446	0	2590	2160	2590	1840
13	0	476	446	437	413	527	0	2590	2200	2630	1830
14	0	473	446	437	401	533	0	2690	2230	2620	1560
15	0	473	446	440	392	542	0	2710	2230	2610	1180
16	0	473	446	425	374	560	0	2670	2240	2600	1150
17	0	476	443	398	386	512	0	2670	2260	2600	1060
18	0	473	443	386	404	527	0	2730	2430	2660	979
19	0	464	449	374	383	607	275	2740	2490	2740	950
20	0	437	449	368	374	684	740	2670	2620	2720	909
21	0	443	449	404	302	651	833	2780	2730	2710	876
22	0	446	449	437	226	671	946	2780	2780	2710	815
23	0	446	449	440	109	658	1130	2730	2780	2690	829
24	0	443	449	440	111	648	1290	2770	2790	2700	836
25	0	437	449	446	94	651	1440	2770	2800	2680	1310
26	0	434	446	446	115	591	1560	2760	2820	2700	1240
27	0	434	446	443	64	555	1630	2820	2790	2700	1180
28	0	437	446	458	64	563	1800	2830	2740	2660	1120
29	0	431	440	470	62	514	2080	2830	2800	2620	1100
30	0	443	443	470		33	2280	2890	2820	2580	995
31	409	443	440	473		4		2810	2520	2110	

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Avg.
1	1460	707	589	589	592	436	436	2960	3590	3530	3560
2	1560	331	589	595	595	436	436	3000	3550	3530	3560
3	1580	106	586	589	583	436	436	3000	3500	3530	3560
4	1580	501	589	589	589	436	436	3080	3500	3530	3560
5	1570	787	589	577	577	436	436	3070	3570	3570	3560
6	1570	787	589	595	556	436	436	3070	3550	3610	3560
7	1560	468	589	568	568	436	436	3150	3570	3600	3560
8	1570	148	586	568	556	436	436	3130	3570	3600	3560
9	1580	162	580	562	562	436	436	3140	3560	3600	3560
10	1570	150	583	568	568	436	436	3180	3590	3600	3560
11	1540	502	580	589	571	436	436	3190	3550	3590	3560
12	1520	742	595	577	571	436	436	3220	3530	3590	3560
13	1530	812	595	565	571	436	436	3280	3560	3570	3560
14	1440	855	586	565	571	436	436	3510	3510	3540	3560
15	1350	862	574	452	571	436	436	3550	3490	3570	3560
16	1250	742	571	334	565	436	436	3540	3490	3570	3560
17	1140	640	562	449	565	436	436	3550	3490	3570	3560
18	1010	637	562	449	574	436	436	3560	3490	3570	3560
19	958	631	577	526	512	436	436	3570	3420	3510	3560
20	954	625	592	520	490	436	436	3580	3420	3510	3560
21	937	619	592	470	544	436	436	3590	3520	3550	3560
22	903	613	589	476	550	436	436	3590	3560	3590	3560
23	879	607	586	478	556	436	436	3570	3550	3570	3560
24	816	610	586	100	610	436	436	3590	3590	3570	3560
25	790	601	586	100	649	436	436	3600	3590	3570	3560
26	748	595	589	254	649	436	436	3570	3580	3590	3560
27	713	538	589	325	652	436	436	3580	3550	3610	3560
28	713	484	595	361	758	436	436	3600	3530	3590	3560
29	710	592	583	387	832	436	436	3590	3520	3570	3560
30	710	592	598	415	822	436	436	3580	3530	3580	3560
31	716	592	610	481	822	436	436	3570	3530	3580	3560

Year
Mean
1.744
Acre-Feet 1.288.180

Mean	1.191	568	568	520	578	524	52.220	53.860	208.700	3.275	3.560	219.100	218.800	141.800
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Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	304	296	301	372	315	200	256	18	5670	17	147	167
2	304	296	301	367	301	200	288	19	6540	17	143	196
3	307	307	301	367	301	202	258	16	12400	40	143	196
4	307	312	301	367	301	204	231	1700	17600	45	143	200
5	307	315	290	367	301	204	246	1460	19600	45	147	198
6	304	307	301	367	301	200	216	110	19200	45	147	202
7	304	304	304	356	301	194	208	1690	18200	32	145	202
8	304	307	304	356	301	194	208	1690	18200	18	142	200
9	304	301	304	356	301	189	228	2390	9000	26	119	198
10	307	307	301	358	301	194	204	4290	9580	24	119	200
11	307	310	328	367	301	198	46	1550	15200	25	119	200
12	304	304	364	372	296	198	35	26	15700	123	123	228
13	304	301	358	375	246	198	35	26	15700	121	121	251
14	307	307	301	372	196	198	32	315	10000	198	123	251
15	307	307	301	375	200	30	30	10100	1950	194	121	256
16	307	307	370	497	198	30	30	9840	1420	194	121	293
17	307	307	364	961	196	28	26	9580	1430	191	118	304
18	307	307	364	514	193	26	26	9940	2730	181	118	304
19	307	307	372	370	204	14	6	9240	2600	111	118	301
20	299	299	381	361	200	7	6	10200	2190	96	119	299
21	296	301	378	364	202	8	8	9250	2180	131	121	299
22	304	304	372	367	212	8	8	6840	1870	135	119	301
23	304	304	370	367	453	6	6	5880	162	140	96	299
24	304	304	372	367	1170	7	7	5250	48	143	96	299
25	307	307	370	372	1120	7	7	2350	32	142	94	301
26	307	307	370	372	1100	8	8	228	34	143	97	307
27	307	307	370	370	413	8	8	136	29	147	123	301
28	304	304	372	372	200	9	9	68	18	147	124	304
29	306	306	375	375	279	10	10	647	18	147	124	304
30	304	304	378	375	929	12	12	4510	18	150	124	301
31	301	301	378	375	798	250	250	5430	147	150	126	301

Mean	305	304	347	424	357	167	95.5	4,014	6,500	109	123	258
Agave- Leaf	18,720	18,100	21,370	26,100	20,540	10,280	5,680	246,800	374,900	6,710	7,580	15,400

MEAN
1.064
AGAVE-LEAF
772.190

31	21	10	0	7
30	20	10	0	7
29	19	10	0	7
28	18	10	0	7
27	17	10	0	7
26	16	10	0	7
25	15	10	0	7
24	14	10	0	7
23	13	10	0	7
22	12	10	0	7
21	11	10	0	7
20	10	10	0	7
19	9	10	0	7
18	8	10	0	7
17	7	10	0	7
16	6	10	0	7
15	5	10	0	7
14	4	10	0	7
13	3	10	0	7
12	2	10	0	7
11	1	10	0	7
10	0	10	0	7

2460

2150

25498

62561

[illegible]

30

3

40779

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	684	690	660	701	718	680	607	2020	1060	861	957	831
2	667	695	620	690	718	675	607	1900	1110	868	918	831
3	672	690	580	680	718	670	607	1780	1040	861	893	843
4	667	690	540	680	718	672	607	1840	1000	843	880	843
5	672	685	560	680	718	666	607	1820	976	855	880	849
6	672	680	580	680	690	662	607	1710	970	880	824	759
7	672	680	600	678	670	664	607	1570	970	874	741	747
8	667	680	650	678	662	666	628	1420	1000	886	724	735
9	662	650	670	680	665	668	628	1340	1040	893	706	735
10	667	640	690	700	670	670	634	1350	1010	899	718	729
11	667	602	747	765	670	672	645	1410	950	912	712	712
12	684	680	700	712	670	676	667	1480	918	924	782	724
13	712	706	650	700	680	672	672	1500	899	905	782	724
14	678	706	602	700	690	684	678	1490	886	886	747	724
15	735	706	590	695	718	660	701	1490	868	905	729	724
16	741	706	580	680	700	640	718	1440	861	912	729	724
17	689	706	570	675	700	628	747	1350	849	905	724	718
18	684	706	560	672	695	628	782	1250	831	893	729	729
19	678	706	580	672	685	628	874	1200	824	874	718	724
20	678	706	620	672	685	628	976	1150	818	868	724	724
21	673	706	667	672	685	628	1130	1120	806	868	729	735
22	678	701	672	672	683	628	1340	1080	800	868	712	729
23	662	712	672	672	683	628	1560	1040	794	874	718	724
24	667	701	672	672	685	628	1630	1020	788	893	701	724
25	667	702	672	672	685	628	1810	1000	782	976	701	729
26	667	703	672	672	690	628	2060	990	770	990	706	729
27	667	704	672	672	695	628	1930	990	764	990	706	729
28	662	706	672	672	692	628	1970	1000	759	964	701	724
29	678	695	672	672	689	628	1900	996	776	950	701	735
30	640	684	680	680	680	628	1900	970	843	983	701	729
31	684	684	680	680	680	628	1900	964	843	983	701	729

677	691	636	684	691	649	1,027	1,348	892	806	767	747
41,680	41,110	39,110	42,070	39,740	39,920	61,150	62,470	55,110	55,680	46,670	44,460

MEAN 809
ANN-PHY 587,100

[illegible]

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
1	863	1110	1160	1220	1260	1300	1340	1380	1420	1460	1500
2	858	1160	1220	1260	1300	1340	1380	1420	1460	1500	1540
3	858	1220	1260	1300	1340	1380	1420	1460	1500	1540	1580
4	868	1260	1300	1340	1380	1420	1460	1500	1540	1580	1620
5	814	1300	1340	1380	1420	1460	1500	1540	1580	1620	1660
6	808	1320	1360	1400	1440	1480	1520	1560	1600	1640	1680
7	819	1420	1460	1500	1540	1580	1620	1660	1700	1740	1780
8	819	1490	1530	1570	1610	1650	1690	1730	1770	1810	1850
9	802	1540	1580	1620	1660	1700	1740	1780	1820	1860	1900
10	750	1550	1590	1630	1670	1710	1750	1790	1830	1870	1910
11	745	1310	1350	1390	1430	1470	1510	1550	1590	1630	1670
12	730	1290	1330	1370	1410	1450	1490	1530	1570	1610	1650
13	735	1370	1410	1450	1490	1530	1570	1610	1650	1690	1730
14	780	1350	1390	1430	1470	1510	1550	1590	1630	1670	1710
15	814	1220	1260	1300	1340	1380	1420	1460	1500	1540	1580
16	841	1400	1440	1480	1520	1560	1600	1640	1680	1720	1760
17	685	1500	1540	1580	1620	1660	1700	1740	1780	1820	1860
18	715	1450	1490	1530	1570	1610	1650	1690	1730	1770	1810
19	770	1510	1550	1590	1630	1670	1710	1750	1790	1830	1870
20	841	1460	1500	1540	1580	1620	1660	1700	1740	1780	1820
21	880	1420	1460	1500	1540	1580	1620	1660	1700	1740	1780
22	896	1420	1460	1500	1540	1580	1620	1660	1700	1740	1780
23	874	1390	1430	1470	1510	1550	1590	1630	1670	1710	1750
24	868	1420	1460	1500	1540	1580	1620	1660	1700	1740	1780
25	830	1370	1410	1450	1490	1530	1570	1610	1650	1690	1730
26	890	1370	1410	1450	1490	1530	1570	1610	1650	1690	1730
27	912	1370	1410	1450	1490	1530	1570	1610	1650	1690	1730
28	924	1370	1410	1450	1490	1530	1570	1610	1650	1690	1730
29	940	1370	1410	1450	1490	1530	1570	1610	1650	1690	1730
30	982	1370	1410	1450	1490	1530	1570	1610	1650	1690	1730
31	1060	1370	1410	1450	1490	1530	1570	1610	1650	1690	1730

61,510	838	81,600	87,510	87,510	81,680	87,530	145,800	252,200	154,700	32,180	32,780	34,080
Est 1420	Est 1420	Est 1420	Est 1420	Est 1420	Est 1420	1420	2450	4102	2599	525	535	575

NIHAN 1.564
ACME-PRINT 1.128.480

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	463	486	456	456	456	365	252	2200	4040	870	702	56
2	456	486	456	456	456	365	264	2200	3300	702	702	55
3	449	470	456	456	456	365	352	2140	2620	684	684	56
4	442	442	456	456	456	365	364	2560	2500	666	684	56
5	442	428	456	456	456	365	364	2560	2440	648	666	56
6	442	486	456	456	456	364	364	1990	2210	675	666	55
7	456	478	428	428	456	364	364	1660	2210	702	657	55
8	456	502	456	456	456	376	364	1560	2070	702	648	55
9	456	486	456	456	456	388	364	1580	1880	702	639	54
10	486	486	456	456	456	388	364	1990	1680	702	630	51
11	486	456	470	470	486	388	376	2480	1740	684	648	51
12	648	428	486	486	476	376	400	2720	1990	702	648	51
13	550	456	456	456	400	486	486	2920	2240	702	639	51
14	518	470	456	456	388	534	3080	3080	2070	684	582	51
15	518	470	456	456	376	582	3400	2100	2100	666	574	51
16	518	470	442	442	364	648	3080	1850	1850	684	566	51
17	518	470	414	414	376	774	2480	1680	1680	720	550	50
18	518	470	352	352	376	910	2240	1680	1680	720	550	50
19	534	470	352	352	388	1010	2420	1480	1480	720	582	50
20	534	470	352	352	376	1120	2620	1560	1560	702	574	50
21	502	470	352	352	364	1130	2320	1560	1560	693	574	49
22	502	470	340	340	364	1280	2040	1360	1360	693	574	49
23	486	470	340	340	400	1590	1930	1200	1200	693	574	49
24	470	456	352	352	400	1780	2270	1080	1080	693	574	48
25	486	456	364	364	376	1740	2420	1160	1160	693	566	48
26	470	456	364	364	376	1760	2740	850	850	558	566	48
27	470	456	340	340	376	1590	2980	792	792	542	566	48
28	470	456	376	376	376	1750	3170	950	950	542	558	48
29	470	456	376	376	400	1990	3430	990	990	542	558	47
30	470	456	380	380	400	2160	3240	890	890	542	558	47
31	486	456	380	380	400	2160	3240	890	890	542	558	47

DATE	AMOUNT	DESCRIPTION	AMOUNT	DATE	AMOUNT	DESCRIPTION	AMOUNT
10/1/79	50.090	458	411	25.250	22.750	21.280	23.250
10/2/79	27.780	467	370	22.750	21.280	23.250	23.250
10/3/79	50.090	458	411	25.250	22.750	21.280	23.250
10/4/79	27.780	467	370	22.750	21.280	23.250	23.250
10/5/79	50.090	458	411	25.250	22.750	21.280	23.250
10/6/79	27.780	467	370	22.750	21.280	23.250	23.250
10/7/79	50.090	458	411	25.250	22.750	21.280	23.250
10/8/79	27.780	467	370	22.750	21.280	23.250	23.250
10/9/79	50.090	458	411	25.250	22.750	21.280	23.250
10/10/79	27.780	467	370	22.750	21.280	23.250	23.250
10/11/79	50.090	458	411	25.250	22.750	21.280	23.250
10/12/79	27.780	467	370	22.750	21.280	23.250	23.250
10/13/79	50.090	458	411	25.250	22.750	21.280	23.250
10/14/79	27.780	467	370	22.750	21.280	23.250	23.250
10/15/79	50.090	458	411	25.250	22.750	21.280	23.250
10/16/79	27.780	467	370	22.750	21.280	23.250	23.250
10/17/79	50.090	458	411	25.250	22.750	21.280	23.250
10/18/79	27.780	467	370	22.750	21.280	23.250	23.250
10/19/79	50.090	458	411	25.250	22.750	21.280	23.250
10/20/79	27.780	467	370	22.750	21.280	23.250	23.250
10/21/79	50.090	458	411	25.250	22.750	21.280	23.250
10/22/79	27.780	467	370	22.750	21.280	23.250	23.250
10/23/79	50.090	458	411	25.250	22.750	21.280	23.250
10/24/79	27.780	467	370	22.750	21.280	23.250	23.250
10/25/79	50.090	458	411	25.250	22.750	21.280	23.250
10/26/79	27.780	467	370	22.750	21.280	23.250	23.250
10/27/79	50.090	458	411	25.250	22.750	21.280	23.250
10/28/79	27.780	467	370	22.750	21.280	23.250	23.250
10/29/79	50.090	458	411	25.250	22.750	21.280	23.250
10/30/79	27.780	467	370	22.750	21.280	23.250	23.250
10/31/79	50.090	458	411	25.250	22.750	21.280	23.250
11/1/79	27.780	467	370	22.750	21.280	23.250	23.250
11/2/79	50.090	458	411	25.250	22.750	21.280	23.250
11/3/79	27.780	467	370	22.750	21.280	23.250	23.250
11/4/79	50.090	458	411	25.250	22.750	21.280	23.250
11/5/79	27.780	467	370	22.750	21.280	23.250	23.250
11/6/79	50.090	458	411	25.250	22.750	21.280	23.250
11/7/79	27.780	467	370	22.750	21.280	23.250	23.250
11/8/79	50.090	458	411	25.250	22.750	21.280	23.250
11/9/79	27.780	467	370	22.750	21.280	23.250	23.250
11/10/79	50.090	458	411	25.250	22.750	21.280	23.250

班中個人

NEW TV

262

ACHM-FRONT EZE-OSO

FALL RIVER near CHESTER, IDAHO

Daily discharge, in second-feet, of

For the year ending December 31, 1915

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	410							2460	3340	404	140	128
2	388							2270	3390	334	144	134
3	355							2340	2380	249	137	137
4	339							2860	2020	245	154	140
5	324							2970	2070	205	147	131
6	339							2470	1940	154	140	120
7	334							1920	1850	105	137	108
8	334							1650	1860	125	134	113
9	350							1620	1720	131	131	94
10	329							1920	1480	122	134	81
11	283							2310	1440	154	140	68
12	278							2750	1550	169	144	62
13	388							2970	1720	151	169	68
14	318							3130	1720	131	134	72
15	324							3410	1600	116	131	74
16	324							3100	1450	110	131	74
17	283							2530	1210	131	125	74
18	263							2180	1160	137	131	73
19	308							2220	1020	131	158	66
20	350							2470	806	140	144	63
21	339							2240	814	188	131	60
22	329							1870	798	232	125	58
23	324							1730	586	249	119	54
24	329							2000	410	196	113	56
25								2300	282	131	113	144
26								2480	241	122	110	144
27								2680	388	87	110	158
28								2630	276	84	108	168
29												
30												
31												

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Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	412	582	349			340	312	1450	3360	921	640	534
2	425	403				340	336	1280	3490	885	669	539
3	416	403				340	320	1260	2980	867	725	548
4	416	599				349	336	1580	2430	849	700	552
5	412	599	340			345	320	2050	2450	837	635	557
6	412	595				345	341	2050	2450	837	635	557
7	408	408				341	341	2280	2400	831	603	552
8	399	403				336	349	1850	2220	831	603	552
9	395	425				345	370	1480	2190	825	584	530
10	395	403	332			378	391	1340	2070	804	570	526
11	391	433	332			357	442	1520	1800	788	570	517
12	399	416	332			365	442	1970	1660	788	570	508
13	403	460	332			361	521	2460	1740	820	598	504
14	408	361	312			328	612	2930	1960	843	603	495
15	416	412				312	694	3330	2030	825	593	490
16	429	212				353	849	3770	2160	783	584	490
17	442	391				332	1050	3840	2180	756	575	490
18	442	399				341	1270	3400	1940	756	580	490
19	433	399				336	1510	2760	1860	762	575	495
20	420	395				341	1700	2590	1760	730	580	495
21	412	391				357	1790	2800	1590	705	575	490
22	412	370	330			361	1890	2560	1480	705	570	490
23	416	391				349	1910	2080	1320	684	562	486
24	416	386				349	1830	2130	1230	694	552	477
25	420	353				349	1550	2430	1190	700	534	473
26	429	374				349	1370	2640	1140	684	534	490
27	433	386				336	1220	2860	1110	659	530	490
28	433	370				300	1120	3030	1050	635	530	490
29	429	345				328	1140	2950	1010	626	526	504
30	425	320				328	1280	3000	945	621	526	486
31	403											

MEAN	416	392	328	342	338	342	368	2.453	1.871	758	882	507
MEAN	25.690	25.270	20.470	21.010	19.260	21.040	27.400	149.800	111.200	46.680	35.800	50.150

MEAN 774
ALPH. 581.080

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Sept.
1	65	86	179	199	160	300	280	778	152	48	97
2	67	86	177	199	170	311	270	778	152	47	110
3	67	90	173	199	180	322	260	778	160	55	110
4	67	94	173	208	180	311	270	778	160	58	116
5	67	134	173	214	190	311	280	778	177	55	118
6	53	175	177	206	190	311	280	757	177	56	116
7	69	170	177	126	180	311	280	737	184	58	110
8	75	182	180	195	180	322	290	716	188	54	105
9	69	186	182	260	180	332	322	695	184	64	103
10	68	155	180	260	190	332	332	675	177	67	101
11	67	191	180	290	200	332	353	654	180	65	97
12	69	186	182	246	200	322	395	630	168	67	94
13	69	186	197	242	200	332	460	618	157	69	94
14	74	186	195	244	200	332	539	582	142	77	94
15	84	182	186	260	200	311	595	547	137	73	97
16	80	179	171	250	200	322	630	512	129	71	100
17	83	186	137	233	200	322	666	477	124	70	105
18	86	191	138	210	210	322	715	442	114	65	107
19	84	197	140	199	220	322	740	406	108	65	108
20	81	195	150	204	220	322	740	369	104	63	107
21	82	193	170	202	231	342	752	332	94	65	108
22	82	191	180	199	260	342	765	300	85	65	108
23	86	180	190	186	270	322	778	250	85	63	108
24	86	177	200	168	300	300	790	231	50	63	111
25	86	175	200	160	280	300	790	212	93	79	111
26	86	173	190	170	250	290	802	192	100	79	113
27	86	175	190	180	218	280	802	173	90	82	116
28	85	179	190	190	280	250	790	155	81	84	116
29	86	180	200	180	290	300	790	155	64	85	118
30	86	187	199	170	170	290	802	152	46	86	118
31	85	187	201	150	150	280	802	152	46	86	118

MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET	MEAN ALGAE FEET
76.8	170	179	206	216	314	562	484	131	67.7	111	108
4,720	10,100	11,020	12,690	12,360	19,320	32,820	29,780	7,780	4,160	6,840	6,400

MEAN
ALGAE
FEET
157,990