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**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1970**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1970

(DATA FOR THIS REPORT GATHERED BY THE
WRITER WHILE ACTING IN THE CAPACITY OF
WATERMASTER OF THE BOISE RIVER AND
SPECIAL DEPUTY IN CHARGE OF THE DIS-
TRIBUTION OF STORAGE WATER FROM ARROW-
ROCK, ANDERSON RANCH AND LUCKY PEAK
RESERVOIRS)

(COOPERATIVE DATA ALSO FURNISHED BY
THE UNITED STATES BUREAU OF RECLAMATION)

BY

DANIEL L. MUSSELMAN

WATERMASTER, BOISE RIVER

C H A R T S

1. Map of Boise River, showing canal diversions.
2. Shows the natural flow of the Boise River by days for the period from 1941 to date. The same information for the period 1895 to 1940 is shown in a revised 1967 report.
3. Shows mean daily flow of Boise River for a 75 year period.
- 3A. Shows natural flow high years.
4. Shows monthly and annual flow of Boise River in acre-feet, for the irrigation years from 1894-95 to date.
5. Daily discharge of all canals (Section 1, 2 and 3) for the irrigation season.
6. Summary chart in acre-feet showing monthly and total canal diversions for the irrigation season.
7. Summary chart showing total annual diversions for all Boise Valley canals beginning 1967. The same information beginning 1915 is shown in previous reports.
8. Shows acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1965. The same information beginning 1916 and 1947 shown in previous reports.
9. Shows acreage under all canals in the Boise Valley.
10. Storage use for the irrigation season.
11. Storage water allocation.
12. Shows daily discharge of all principal tributary streams feeding water to Boise River below Mores Creek for irrigation season.
13. Charts showing entire Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain, by months in acre-feet, for the irrigation season.
15. Shows total discharge of drainage canals in Drainage District No. 2 for the irrigation season.
16. Charts showing total discharge of all drainage canals in Drainage Districts No. 3 and No. 4 for the irrigation season.
17. Summary chart of the return flow to Boise River between the Government Diversion Dam and Snake River for a 15 year period.

C H A R T S

(continued)

20. Shows distribution of drainage water to various canals.
21. Shows Intervenor Decrees on Boise River (Intervenor in the Stewart Decree), giving priority number, date and amount decreed.
22. Shows changes in point of diversion of decreed rights on Boise River.
23. Shows transfers of decreed rights on Boise River.
24. Condensed chart of Stewart Decree showing dates of priority and amounts decreed.
25. Charts showing the Stewart, Intervenor and Bryan Decrees grouped under canal headings.
26. Charts in second feet showing decreed rights (Stewart Decree) and approximate natural flow at Diversion Dam necessary to fill same.
27. Chart in second feet showing decreed rights (Bryan Decree) and approximate natural flow in second feet necessary at Diversion Dam to fill same.

ORGANIZATION

The Boise River Organization for 1970 was the same that it has been for several years past. It includes a Chairman and Secretary, a Water-master, two Assistants for a few months during the summer, and a part-time Secretary.

The Advisory Committee, made up of nine members including the Chairman and Secretary of the water users, was again elected at the annual meeting in March. In addition to the annual meeting, held in the forenoon preceding the annual meeting of the water users on the first Monday in March, at which time a tentative budget is prepared for submission to the general meeting, other meetings are held during the year at the call of the Chairman to consider various matters affecting the water users.

The Advisory Committee, elected at the annual meeting in March, was as follows:

M. A. Watkins, Chairman
O. L. Greer, Secretary
James Klahr, Vice Chairman
W. S. Hall
Isaac Blickenstaff
June S. Walters
Wayne Naugle
Henry Dalrymple
Wendell Knight

Cooperative assistance is rendered by the Board of Control in current meter work, compiling records, etc., for which proper remuneration is given.

Cooperative assistance is also rendered by the U. S. Geological Survey in current meter work and compiling records of Boise River at Notus.

The splendid assistance and cooperation rendered by the State Reclamation Engineer and the personnel of that office has been most helpful at all times, and appreciation is hereby expressed.

DECREES

Stewart Decree:

The old water rights from the Boise River are included in the decree in the case of FARMERS COOPERATIVE DITCH COMPANY, a Corporation, VS. RIVERSIDE IRRIGATION DISTRICT, LTD., a Corporation, et al, signed by District Judge George H. Stewart January 18, 1906, commonly referred to as the "Stewart Decree". This case was appealed to the Supreme Court and affirmed as to priorities and acreage, but remanded to the District Court for the sole and only purpose of determining the duty of water. In 1914 testimony was taken before the court as to the duty of water and was transcribed, which consists of approximately 2,630 typewritten pages. The final decree of the court as to the duty of water has never been entered. However, Judge E. L. Bryan, Judge of the District Court of the SEVENTH JUDICIAL DISTRICT of the State of Idaho, issued a continuing order on May 31, 1919, which is still in effect, providing for the distribution of the waters of Boise River in the following manner, to-wit:

"The various rights, as adjudicated in the so-called "Stewart Decree", shall receive 100 percent, until the natural flow of the waters of Boise River shall decrease, until all the rights in said decree cannot receive 100 percent, at which time the various rights as adjudicated in the so-called "Stewart Decree" shall first be cut to 75 percent of the amount of water decreed by the Stewart Decree as the natural flow of the Boise River decreases, beginning with the latest rights and proceeding to the

earliest rights in the order fixed in said Stewart Decree, and after all of the rights shall have been reduced to 75 percent of the amount fixed in the Stewart Decree, should the natural flow of the waters in Boise River decrease below the amount necessary to supply said 75 percent of the water rights as decreed in said Stewart Decree, then the various rights beginning with the latest and proceeding to the earliest, as aforesaid, shall be reduced to 60 percent of the amount specified in the Stewart Decree, and 60 percent of the amount decreed in the Stewart Decree is hereby fixed and determined as the highest duty of water for year 1919.

Bryan Decree:

In the SEVENTH JUDICIAL DISTRICT of the State of Idaho, Judge Ed. L. Bryan signed a decree on February 14, 1929, in the case of PIONEER IRRIGATION DISTRICT vs. AMERICAN DITCH ASSOCIATION, et al, commonly referred to as the "Flood Water Suit", or "Bryan Decree". All rights decreed in this case are made subsequent to the Stewart Decree. This case was appealed to the Supreme Court where it was upheld as to some of the rights involved but remanded to the District Court for retrial on the question of the duty of water and also for the purpose of determining certain other rights.

On January 30, 1932, Judge A. O. Sutton signed an order temporarily establishing the various rights in the Flood Water Suit and providing for a duty of water similar to the "Sliding Scale" in the Stewart Decree. On June 23, 1933, Judge Chas. E. Winstead of the THIRD JUDICIAL DISTRICT, sitting as Judge in the SEVENTH JUDICIAL DISTRICT for the State of Idaho, signed a continuing order making the order of Judge Sutton for 1932 effective for 1933 and continuing. This order has remained in effect since that time.

Chart 26 relates to the Stewart Decree and shows the following information: Number of priority, name to whom decree was issued, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent, and section of river in which point of diversion is located. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Stewart Decree, including intervenors, to 60 percent, 75 percent and 100 percent. It is assumed that the return flow to Sections 2 and 3 of the river would fill the rights with points of diversion in those sections of the river to 75 percent of the amount decreed.

Chart 27 shows the decreed rights contained in the Bryan Decree or Flood Water Decree. It shows the date of priority, name of the water user to whom the decree was issued, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Flood Water Decree to 60 percent, 75 percent and 100 percent.

TRIBUTARY GAIN

Data was gathered and compiled on all principal tributary streams feeding water to Boise River below Mores Creek.

Chart 12 shows the daily discharge of the tributary streams.

NET GAIN

Chart 13 shows the total flow of the Boise River passing Diversion Dam, canal deliveries, and gain to the river by months in acre-feet.

RIVER FLUCTUATION

The river flow was very steady, there being very few fluctuations. A change of gates at Lucky Peak sometimes results in a slight change in

discharge. A remote control gage, which makes a permanent record and shows the gage height at all times in the power house at Diversion Dam, has been installed and it gives a fair record of the flow below Diversion Dam. It varies if the flow is changed from the generators to the roll gate or over the check boards.

CLASSIFICATION OF RIVER

The Boise River naturally divides itself into three separate and distinct parts. Section 1 includes the part of the river which lies between the Government Diversion Dam and the Caldwell High Line Canal about a mile below the town of Star. Section 2 includes that section which lies between the Caldwell High Line Canal and the Notus Bridge. Section 3 includes that part of the river between the Notus Bridge and the Snake River.

SECTION 1

Chart 13 shows the condition that existed in the entire river during the period July 1 to November 1. This section is under complete regulation by the watermaster. All water is measured and divided according to the decrees and licenses, which are set by the courts and State laws.

SECTION 2

All water in this section is measured, but operation is more liberal than in Section 1, due to return flow, so regulation is somewhat relaxed with very little storage water required.

SECTION 3

This section of the river is operated without any regulation what so ever, but it is measured and recorded the same as Sections 1 and 2.

The return flow to Section 3 was sufficient to take care of all rights in this section during most of the season, and therefore no regulations were required. In fact, during all the years on record on the distribution of the waters of Boise River, beginning with 1914, there has been only one year - 1931 - during which it was necessary to regulate diversions from this section of the river, and during that year it was not necessary to run water past the Notus Bridge to supply the rights below.

The final determination of the duty of water, both in the "Stewart Decree" and the "Bryan Decree", is still pending in the District Court at Caldwell, Idaho. The writer's views are pretty well expressed in the following quotations for "REPORT ON CONSUMPTIVE USE--NET DUTY OF WATER--As Related to the Proper Adjudication of Water Rights on the Boise River", by W. G. Steward. Mr. Steward was formerly employed by the United States Reclamation Service in charge of Hydrographic work on the Boise River, and also for several years he was an instructor at the University of Idaho on the same subject. He has made a very comprehensive study of the duty of water, especially on the Boise River, and was well qualified on that subject. For these reasons the following quotations are submitted with the endorsement of the writer:

1. "That a duty of water, if established, should be subject to change when conditions warrant. Conditions are continually changing. Our knowledge and methods of irrigation are improving. An arbitrary duty that would meet all requirements today might prove entirely inadequate fifty years from now. Posterity should not be handicapped by our present day limitations.

2. "A duty, if established now, should be construed to mean a headgate,

duty, or duty at the point of diversion.

3. "The best information at hand today would indicate that a duty, if established, should conform very closely to the so-called "sliding scale", as provided in the order issued by Judge Ed. L. Bryan on May 31, 1919. That if the present law does not permit the court to render a decision on the duty of water conforming closely with the above suggestions, the water users of the valley should arrange, by stipulation, for the delivery of water along the above suggested lines until such time as conditions have changed so as to warrant new distribution.

4. "That an exception to the "sliding scale" should be made in the case of porous-gravel, river bottom lands, lying adjacent to and under the upper section of the river as per the Stewart Decree, to the extent that these lands should be allowed to divert such amount of water as their crops require and at such times as it is needed, because no matter how much is diverted, all but a very small amount almost immediately returns to the river flow. Most canals have been required to purchase storage water to supplement their natural flow rights.

5. "That said lands entitled to above exceptions should be determined before a decree is entered or stipulation is signed."

The court order providing for the "sliding scale cuts", under which the Boise River has been operated for about fifty years, has proven very satisfactory when the entire valley is taken into consideration. This court order is given in full on Page 2 of this report.

Chart 6 shows the amount in acre-feet diverted each month and the total amount diverted for the season by the canals in the Boise Valley.

Chart 8 is a table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning in 1965. A similar record showing

the acre-feet per acre diverted for 50 principal canals in the Boise Valley, beginning 1916, and one beginning 1947, may be found in previous annual reports. The amount shown under the column "Acre Feet Per Acre" cannot be construed as a duty of water for the lands of the Boise Valley, due to the large and varying quantities of return flow water picked up by many of these canals.

DRAINAGE

Chart 15 shows the total drainage discharge for Drainage District No. 2 for the current season and a summary for the same. This drainage district embraces an area of 29,000 acres situated on the north side of Boise River between the City of Boise and the canyon near Caldwell.

Chart 16 is a table showing the discharge of all drains in both Drainage Districts No. 3 and No. 4. Drainage District No. 3, frequently referred to as the "South Boise Drainage District", is situated in South Boise. This district, comprising an area of 4,200 acres, has four drainage canals, all outlets emptying into the Boise River. Drainage District No. 4 frequently referred to as the "Thurman Drain", comprises an area of approximately 2,500 acres and is situated south of the Boise River and opposite the town of Eagle. This district has only one outlet to the Boise River.

Chart 17 is a table showing the average return flow to the Boise River for a 15 year period.

Chart 20 shows the method used in apportioning the drainage water to the various canals under the several court orders.

INTERVENORS

Chart 21 is a table showing the decrees obtained by intervenors in the case of Farmers Cooperative Ditch Company, Plaintiff, vs, Riverside Irrigation District, Ltd., et al, Defendants.

CHANGES IN POINT OF DIVERSION

Chart 22 is a table showing the change in the point of diversion of

decreed rights on the Boise River as recorded in the office of the State Reclamation Engineer.

TRANSFERS

Chart 23 is a table showing the transfer of decreed rights on the Boise River as recorded in the office of the State Reclamation Engineer.

STEWART DECREE

Chart 24 is a condensed table of the Stewart Decree. An "x" at the left of the date of priority shows that the right is supplied by "return flow".

Chart 26 is a table showing decreed rights contained in the Stewart Decree and the natural flow at the Diversion Dam necessary to fill the same.

STEWART AND BRYAN DECREES GROUPED ALPHEBETICAL BY CANAL HEADINGS

The tables, in charts, have been compiled for the benefit of those canal companies which have more than one date of priority. These tables also include the transfers and changes in point of diversion. They show the date and amount of each priority and the total amount decreed.

BRYAN DECREE

Chart 27 is a table showing decreed rights contained in the Bryan Decree and the natural flow necessary at the Diversion Dam to fill the same.

WATERSHED

The following is quoted from the 1947 report:

"The question of watershed protection will always be of paramount importance to the water users of Boise Valley. It is regrettable, however, that in matters of this kind the people of the valley generally are too much inclined to take the attitude of "Let George Do It". The preservation of present day water users but for generations yet to come, should have the

constant attention and consideration of all concerned. It is the opinion of the writer that this resource, which is of such importance to the entire populace of the Boise Valley, should remain under federal control."

FLOOD CONTROL

With three dams on the river, flood damage should be held to a minimum. There will still be some damage along the river from erosion until such time as protecting levees can be built in certain places on both banks of the river.

An agreement has been entered into between the Army Engineers, the Bureau of Reclamation and the water users whereby Arrowrock, Anderson and Lucky Peak Reservoirs will be used jointly for both irrigation and flood control. It is anticipated with this arrangement, the three reservoirs plus irrigation diversions will control the more frequent floods to bankful (6,500 c.f.s. or less) at Boise. However, although major floods will be regulated to a considerable degree, there is insufficient storage to control these more rare floods to bankful and some downstream flooding will occur.

CANAL REGULATIONS

It was necessary to begin canal regulations July 1, as the natural flow had not reached a point sufficient to supply the demand.

Chart 5 shows daily canal diversions in c.f.s. for the period from April 1 to November 1.

Chart 6 shows the monthly and total diversions in acre feet for the Boise River for the irrigation season.

Chart 7 is a table showing the return flow, canal diversions, winter diversions and winter waste for the entire Boise Valley for each season beginning 1967 to date. Previous reports show the same information, 1915 to 1966 inclusive.

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total natural flow for the calendar year 1970 was 2,295,068 acre feet and for the irrigation year was 2,194,302 acre feet. Irrigation started about the 1st of April and demand for water reached a peak in July and continued heavy through August. In Section No. 2 and 3 water use was heavy due mostly to a good return flow. The river flow reached 14,847 c.f.s. in the 1969-70 water year on May 28, and the lowest flow was 332 cubic feet per second on August 31. This low flow was caused by opening and closing the Arrowrock sluice gates. The flow at Lucky Peak was cut out on October 14, which was the end of the irrigation season. The gates were opened on October 15, to a flow of 110 c.f.s. to pass fish and sanitation water. On December 3, this flow was increased to 300 c.f.s. to slow reservoir fill and was continued through December 31, 1970.

STORAGE WATER

As of December 31, there was 346,879 acre feet of water in Anderson Ranch Reservoir, 267,920 in Arrowrock and 102,016 in Lucky Peak. 805 c.f.s. is being released from Anderson Ranch Reservoir, 0 c.f.s. from Arrowrock and 0 c.f.s. from Lucky Peak and 300 c.f.s. passing Diversion Dam. The natural flow on December 31, was 1297 c.f.s.

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CONCLUSIONS

1. That the records and data as compiled in the Watermaster's report for the past fifty years should be continued.
2. That the river naturally divides itself into three sections during the low water period.
3. That the river can be completely dried up at the lower end of Section 1 without injury to the rights in Section 2 during the low water period of each irrigation year.
4. That the return flow is a vital factor and must be considered in the operation of the river.
5. That the transfer of water rights from Section 2 to Section 1 is injurious to the rights already existing in Section 1 and should not be permitted.
6. That the construction of drainage systems in the Boise Valley has changed the irrigation requirements within these districts.
7. That by reason of the construction of these drainage canals certain waters which were formerly lost through seepage, evaporation and deep percolation, or reached the river during the winter months, are probably now reaching the river during the irrigation season and made available for irrigation purposes.
8. That the question of protection of the Boise River watershed should have the constant attention and consideration of the people of this area.
9. That a reasonable program of research work should be continued by the U. S. Forest Service on the Boise River watershed for the purpose of determining to what extent the resources of the watershed may be utilized

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9. That a reasonable program of research work should be continued by the U. S. Forest Service on the Boise River watershed for the purpose of determining to what extent the resources of the watershed may be utilized

without being injurious to the inherent rights of the water users who are dependent upon this resource for a livelihood.

10. That the knowledge and data upon which a permanent duty of water must necessarily be based are constantly being improved and increased.

11. That an arbitrary duty of water, if established, should be subject to change from time to time.

12. That the "Court Orders" under which the Boise River has been operated for approximately 50 years have proven very satisfactory to the Boise Valley as a whole.

13. That if the so-called "sliding scale" should be fixed by the Court as a permanent duty of water for the Boise Valley, then an exception to said "sliding scale" should be made in the case of certain river bottom lands.

14. That mining operations within the bed of the Boise River and its tributaries should not be permitted.

15. That efforts should continue to be made for the construction of protective levees to relieve erosion in certain bad places along the river.

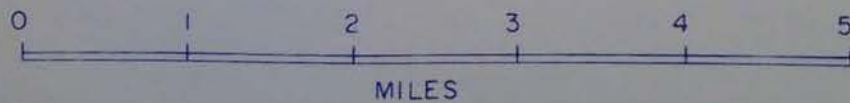
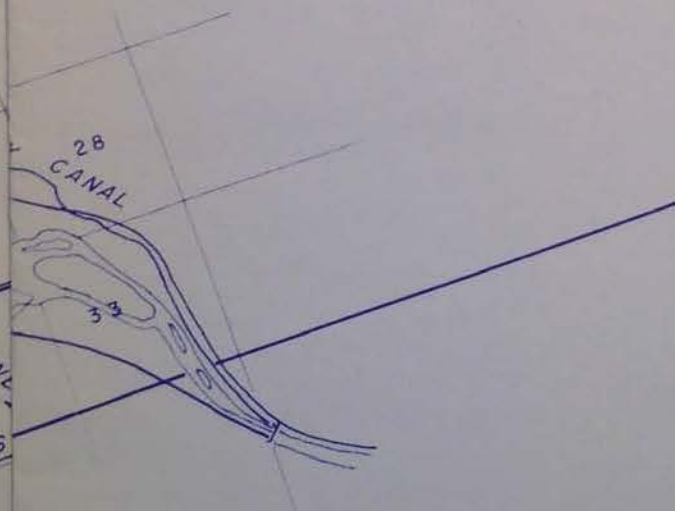
16. That some type of program should be adopted for annual repair and channel clearance on the Boise River.

17. That the diversion checks in the Boise River should be of the retractable type to allow free passage of flood control waters.

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ersions and Tributaries along Boise River

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**SNAKE
RIVER**

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PARMA

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14

MC CONNEL
12

ISLAND

Boise

16 PARMA CANAL

IDAHO
OREGON

R. 6 W.

ISLAND HIGH LINE

HAAS

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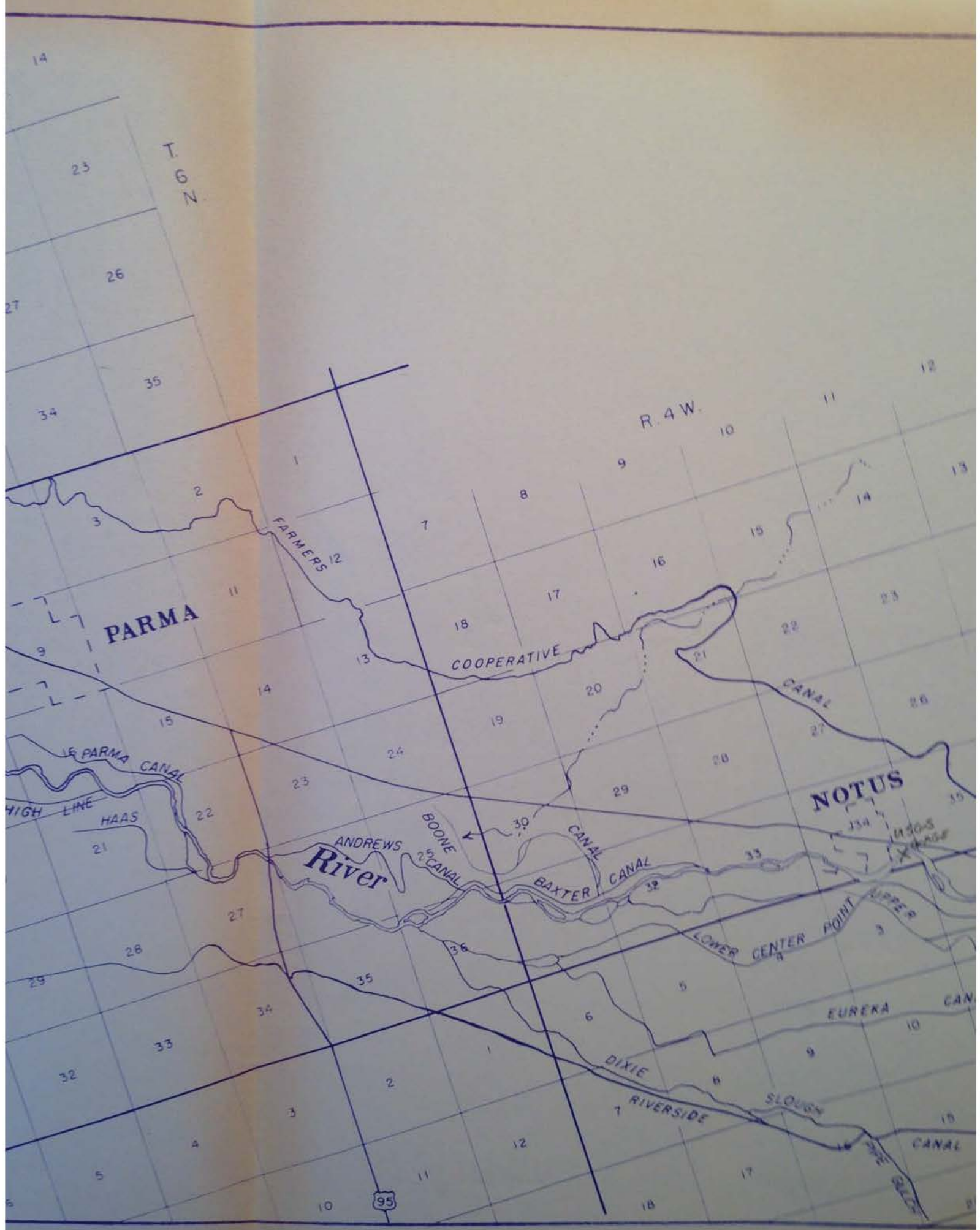
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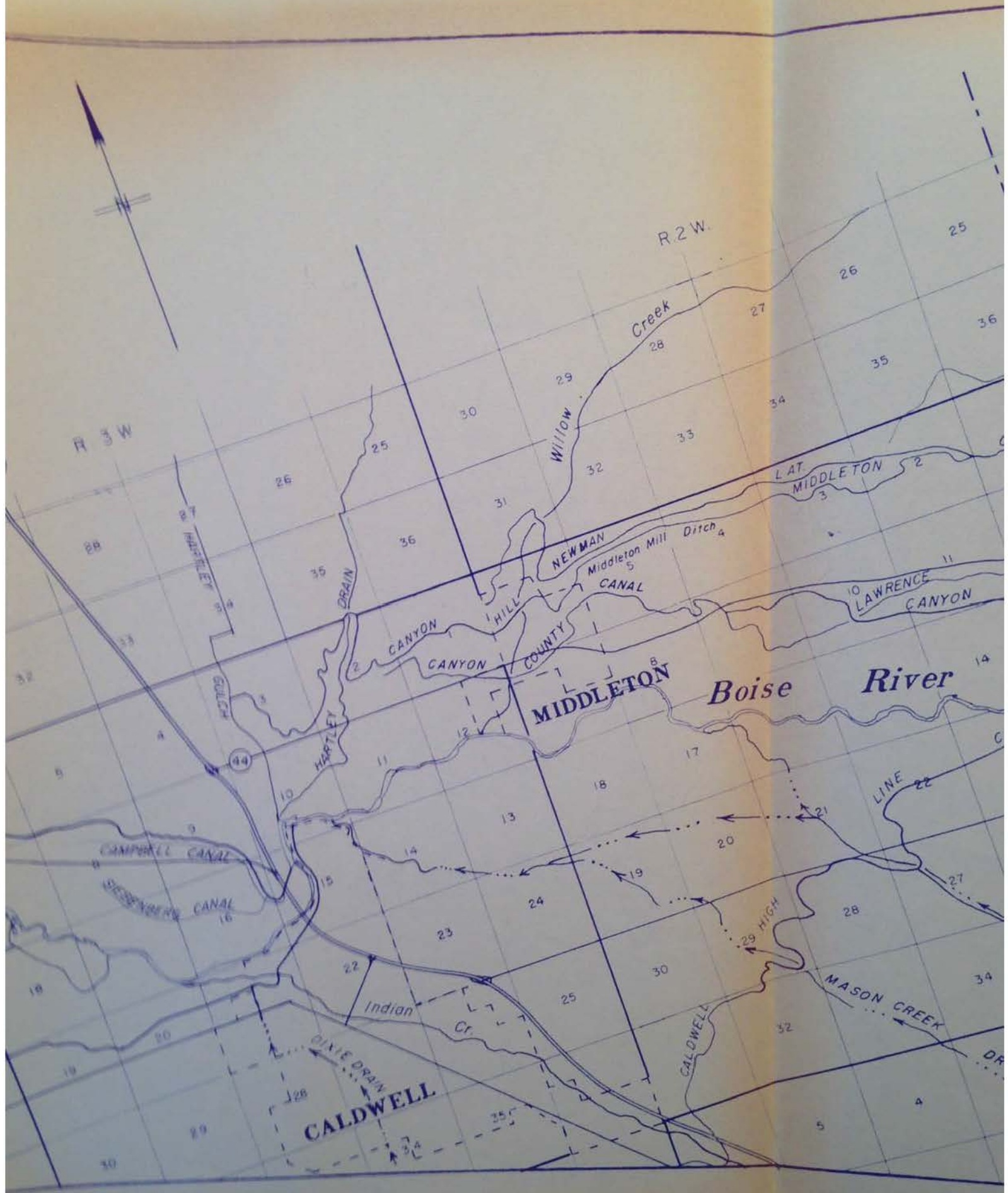
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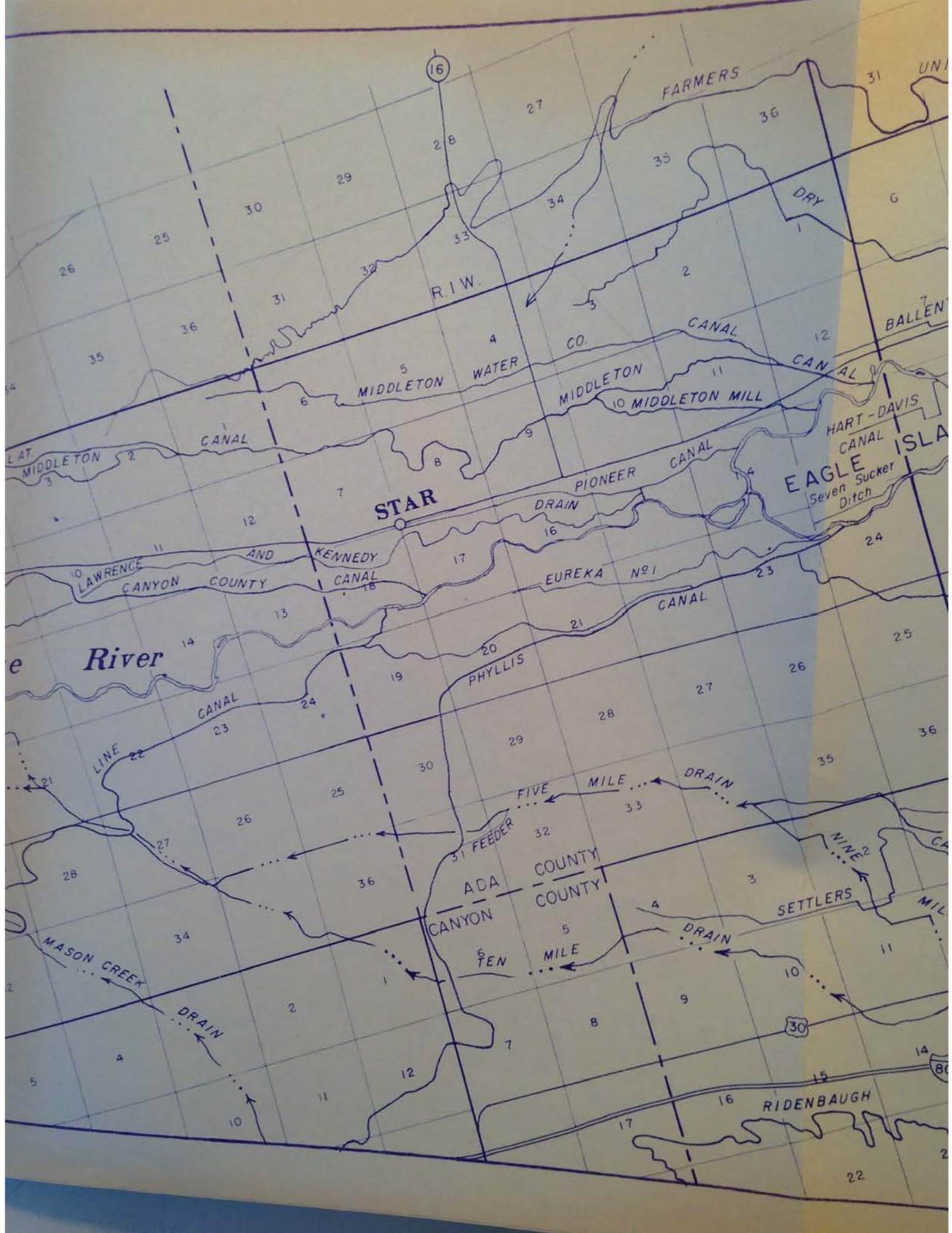
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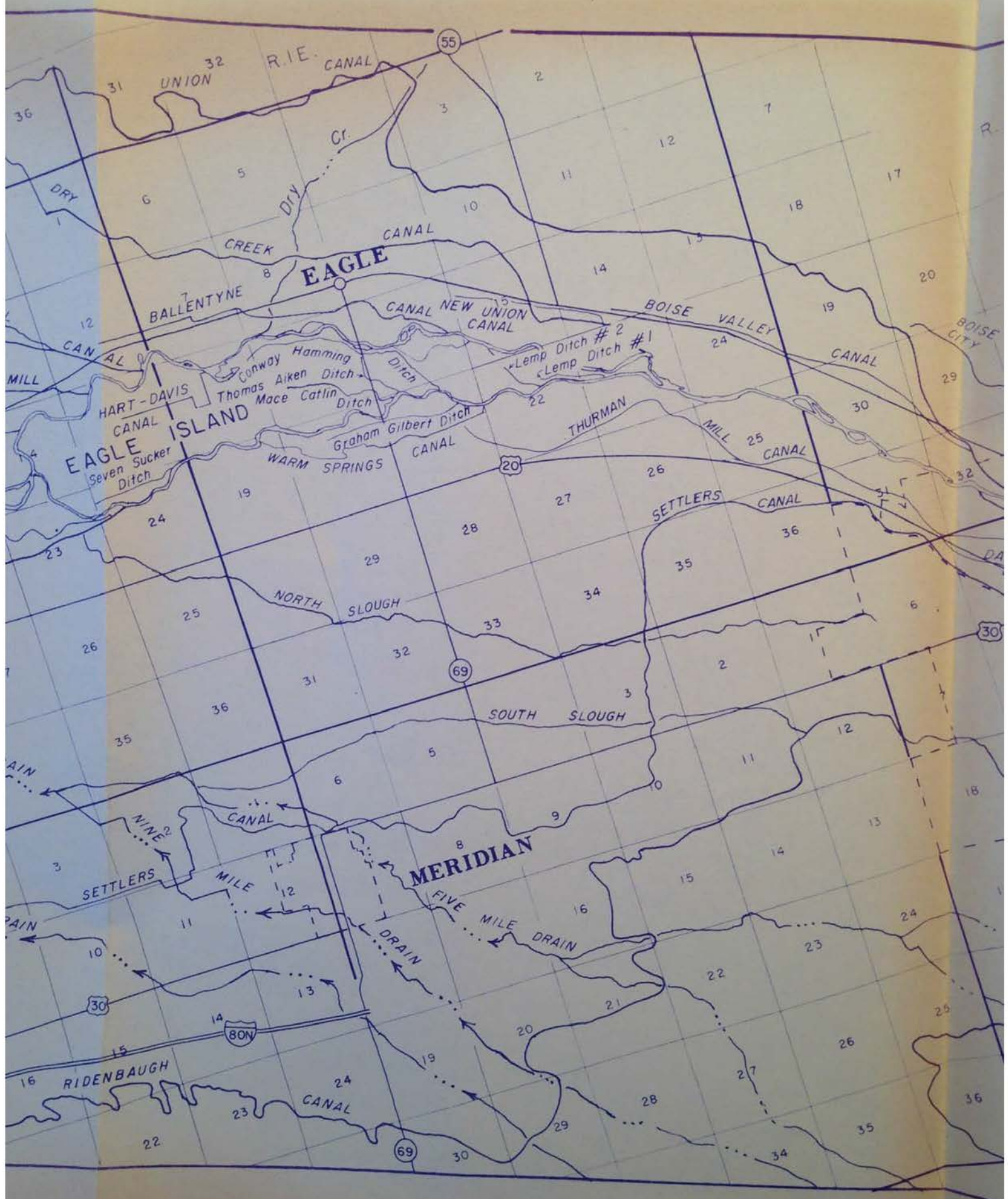
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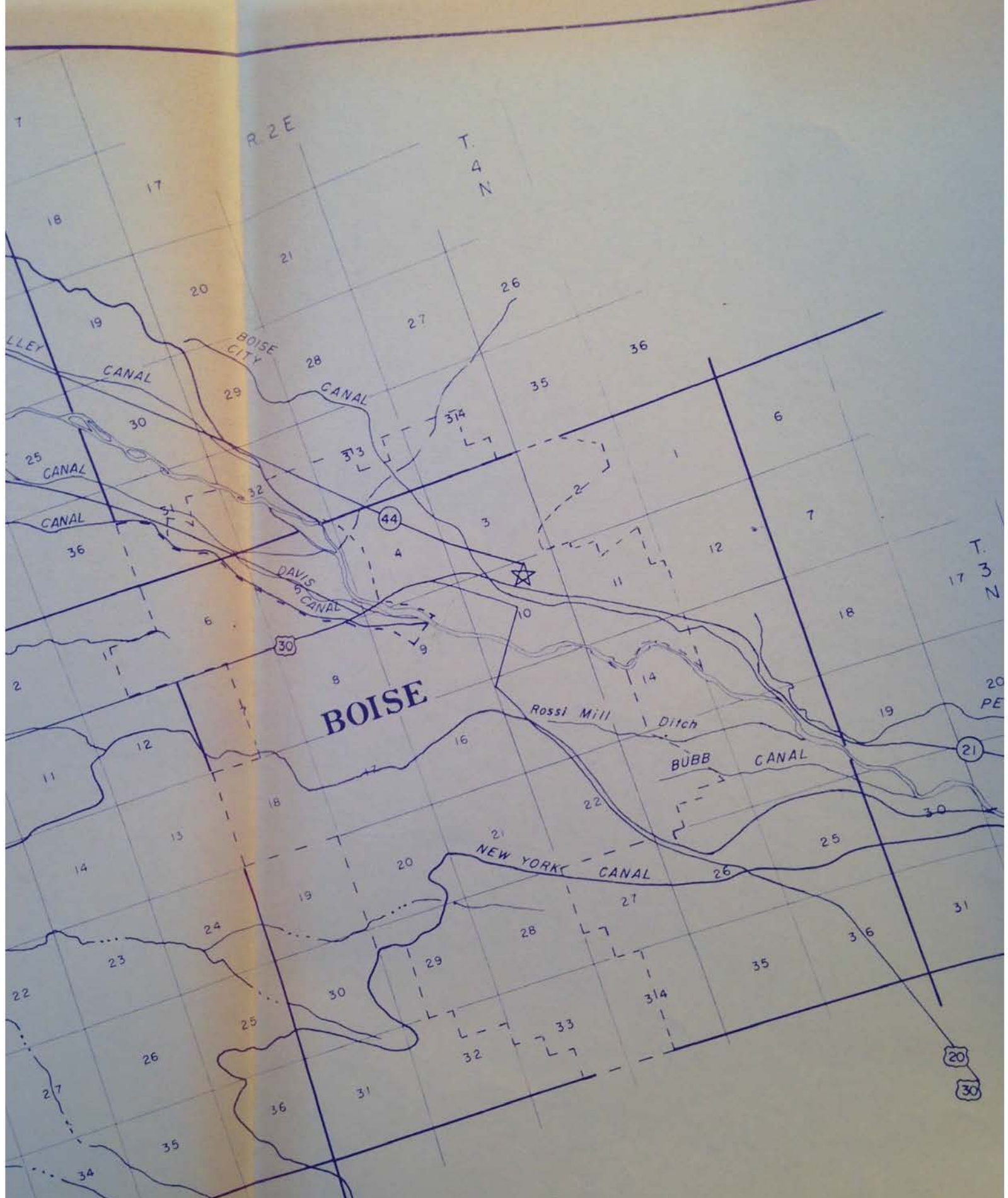






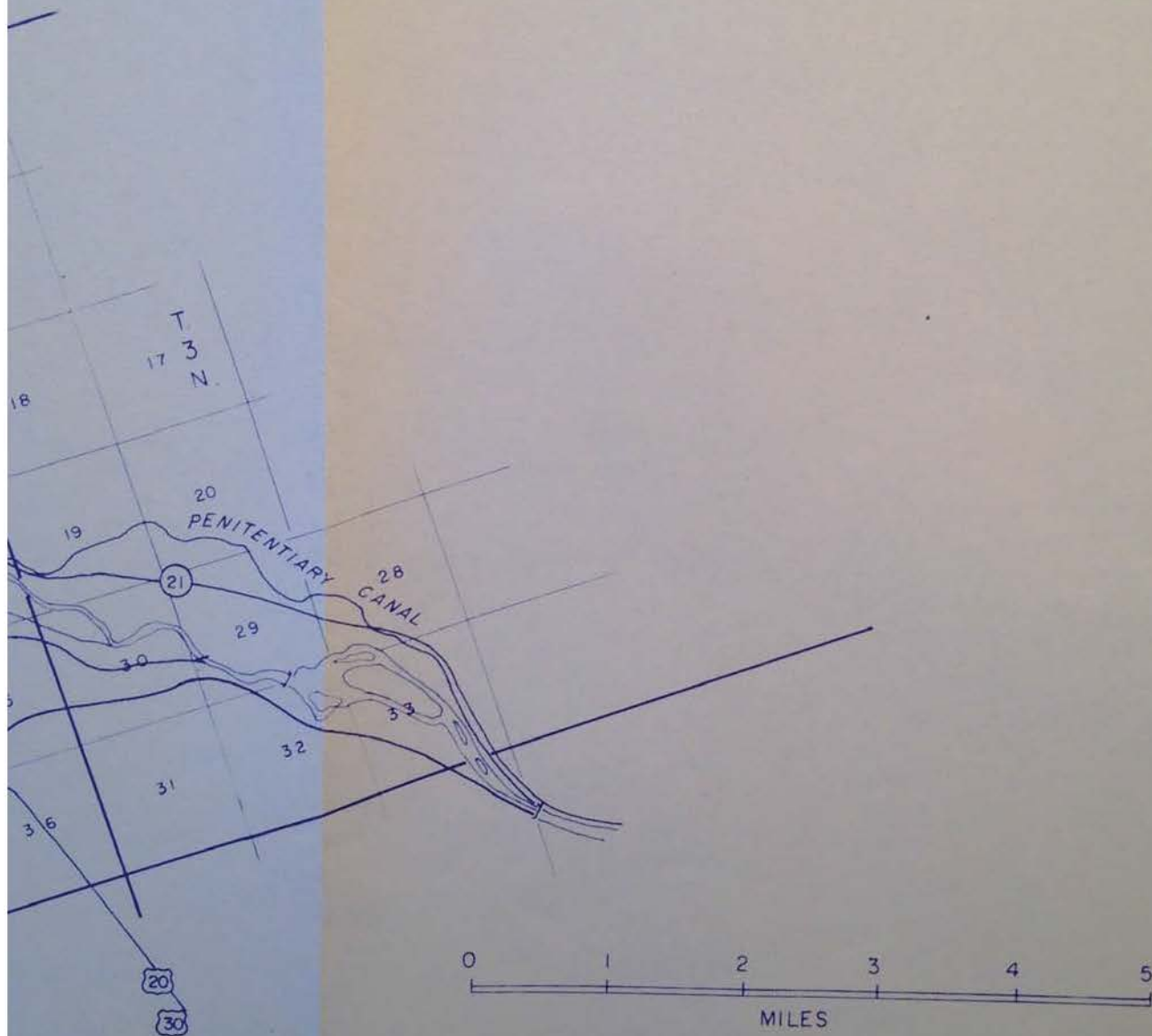






Compiled from U.S.G.S. maps and Idaho Dept of Highway

Diversions and Tributaries along Boise River



BEGINNING 1895

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	1470	1410	1280	1320	1330	1240	1180	980	1100	1240	1280	1330	1510	1650	1490	1450	1430	1370	1330
1896	950	1070	720	720	720	720	720	950	950	950	950	1070	950	720	720	620	1010	1280	1350
1897	1070	1010	1010	950	950	890	890	950	950	1010	890	830	720	620	620	620	570	570	570
1898			550			550				550			550				550		
1899	2580	2580	2580	2580	2580	2780	2780	2780	2780	2780	2780	2780	2780	2780	2980	2980	2980	2980	2980
1900	1570	1680	1680	1570	1680	1680	1680	1570	1360	1360	1570	1910	1910	2480	4120	3910	3520	2810	2330
1901	1200	1200	1350	1310	1370	1510	1390	1350	1350	1350	1270	1270	1270	1350	1430	1270	1270	1200	1200
1902	1120	1270	1190	1140	1080	1120	1120	1140	1120	1040	900	865	830	900	900	1000	1080	1120	1080
1903	1280	1070	945	1040	945	945	945	945	945	945	1080	752	500	500	570	640	678	715	790
1904																			
1905																			
1906	700	700	675	700	750	880	750	750	750	810	880	880	810	810	810	810	810	1060	960
1907																			
1908	1180	1100	1100	1070	1040	965	900	965	1140	1070	1040	1140	1070	1180	1240	1100	1100	1070	1070
1909	790	980	1100	1220	1220	1140	1140	1140	1310	1140	1060	1020	1020	1220	1490	3030	2610	3090	3990
1910																			
1911	870	750	940	1105	1035	1035	1070	1140	1140	1140	1070	1000	1000	1000	965	870	810	870	1140
1912	990	940	1020	1020	1020	1260	1230	1160	1230	1230	1230	1100	1100	1230	1380	1640	1660	1460	1420
1913																			
1914	1080	1150	1220	1220	1220	1220	1220	1220	1080	950	824	824	950	1150	1150	1080	1080	1220	1150
1915	930	1050	1050	1050	1050	990	990	930	990	930	990	930	930	930	900	990	900	930	930
1916	715	736	763	760	746	744	740	763	766	763	736	754	764	759	717	723	719	733	746
1917	679	891	1006	991	936	984	1253	888	715	811	740	769	677	662	603	595	498	590	498
1918	5248	4046	3033	2462	2244	2153	2078	1964	1826	1738	1428	1419	1445	1621	1583	1527	1450	1480	1517
1919	569	605	555	535	620	680	740	659	669	674	684	727	798	820	801	787	929	1109	1118
1920	883	863	815	737	728	696	784	787	797	698	674	657	651	692	747	880	1047	1096	1083
1921	2600	2129	3154	2307	2458	2330	2279	1751	1540	1545	1393	1217	1155	1048	1819	1935	1700	1477	2586
1922	972	1280	1255	1111	921	1046	990	1178	1092	983	905	694	797	927	802	728	1028	1028	802
1923	1078	765	869	855	944	1028	1426	1538	1390	1317	1210	1155	897	938	1020	919	934	991	987
1924	764	675	659	789	609	484	600	824	945	1248	949	899	661	662	673	883	881	843	761
1925	923	783	724	781	772	794	837	867	667	714	715	629	716	575	625	601	652	656	816
1926	605	574	823	866	850	889	940	830	756	688	802	772	740	692	776	801	902	862	760
1927	926	1079	1033	1297	1047	1100	1173	1101	941	762	704	1179	1334	1066	1052	1083	1063	1211	1069
1928	791	1142	1433	1510	1566	1590	1368	1230	991	1425	1428	1298	1745	1882	2109	1887	1228	1224	1205
1929	737	690	945	917	692	569	560	721	690	726	811	793	588	977	787	852	785	854	789
1930	939	842	835	778	762	830	742	440	446	731	771	805	859	779	706	804	604	599	645
1931	599	872	737	745	797	713	807	686	637	623	750	810	745	660	541	794	759	652	648
1932	567	678	656	697	617	622	689	687	683	707	734	731	644	446	487	501	645	727	771
1933	732	661	708	663	697	678	665	744	790	771	690	652	635	677	654	636	831	653	735
1934	1326	1219	4617	1537	1498	1238	1104	773	834	977	908	1020	817	930	1026	957	867	871	833
1935	984	623	583	660	969	1010	1040	1018	954	966	807	944	930	705	861	887	1228	492	739
1936	702	741	866	831	928	706	657	848	766	835	797	993	1029	801	922	782	798	811	718
1937	345	483	532	584	619	717	699	459	398	483	563	613	633	608	709	684	697	692	717
1938	875	975	1135	945	734	735	735	734	904	904	989	999	1074	914	1075	1325	1310	1220	1240
1939	1221	925	1026	1014	1304	1021	812	686	481	822	794	691	791	791	790	786	786	804	931
1940	950	1031	1446	1447	1220	1014	864	660	872	1004	1128	849	749	740	673	670	697	857	784

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

JANUARY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
50	1490	1450	1430	1370	1330	1280	1240	1220	1240	1210	1140	1040	1070	950	1100	1140	1280	39,300
120	720	620	1010	1280	1350	1430	1870	1870	1870	1350	1280	1510	1680	1770	1680	1680	1590	36,720
520	620	620	570	570	570	720	830	830	950	770	720	720	620	620	830	950	1010	25,260
			550			550				550			550			550	550	17,050
780	2980	2980	2980	2980	2980	2980	2980	2980	2780	2780	2780	2780	2060	1580	1340	1220	1220	80,300
180	4120	3910	3520	2810	2330	2260	2180	2040	2040	2040	1680	1680	1680	1680	1680	1680	1680	62,710
350	1430	1270	1270	1200	1200	1270	1310	1350	1310	1270	1240	1200	1200	1200	1130	1130	1200	39,720
900	900	1000	1080	1120	1080	1040	1000	970	900	830	830	830	830	760	695	830	1120	30,650
500	570	640	678	715	790	1020	1950	1680	1380	2400	4100	2990	2400	2010	1680	1570	1470	40,880
																		62,000
																		25,200
810	810	810	810	1060	960	880	810	960	880	810	810	960	880	810	810	750	750	25,405
																		62,700
1180	1240	1100	1100	1070	1070	1240	1140	1070	930	1040	1180	1180	1100	1070	1040	1100	965	33,595
1220	1490	3030	2610	3090	3990	5460	5780	5460	4060	3210	2850	2490	2270	2110	1960	1860	1860	69,080
																		40,300
1000	965	870	810	870	1140	1210	810	700	700	650	1000	675	1000	1140	1210	1320	2140	31,505
1230	1380	1640	1660	1460	1420	1340	1230	1230	1200	1300	1420	1550	1550	1380	1300	1230	1160	39,210
																		27,125
1150	1150	1080	1080	1220	1150	1080	1150	1220	1220	1220	1220	1220	1370	1300	1150	1220	1220	35,598
930	900	990	900	930	930	930	930	930	930	770	730	930	990	1050	1110	1050	1050	29,790
759	717	723	719	733	746	745	918	1067	973	946	975	908	889	869	836	849	843	24,965
662	603	595	498	590	498	590	590	682	780	673	861	867	864	777	877	777	690	23,814
1621	1583	1527	1450	1480	1517	1437	1360	1207	1145	1201	1380	1603	1659	1506	1413	1355	1386	56,914
820	801	787	929	1109	1118	1073	1011	1028	1116	1072	1015	928	868	851	779	758	688	25,266
692	747	880	1047	1096	1083	1014	1012	934	901	889	976	1211	2381	2491	2430	1984	1726	33,264
1048	1819	1935	1700	1477	2586	2347	2032	1360	1520	1338	1760	1820	1565	1578	1380	1757	1331	56,211
927	802	728	1028	1028	802	878	908	1078	999	978	1078	1203	1013	1043	943	958	873	30,491
938	1020	919	934	991	987	933	859	865	777	1106	1021	1038	846	901	1041	554	845	31,047
662	673	883	881	843	761	698	675	670	683	797	743	857	814	996	983	876	876	24,477
575	625	601	652	656	816	669	719	737	768	775	947	879	815	960	782	1172	1137	24,207
692	776	801	902	862	760	738	739	711	697	747	861	746	693	694	807	955	892	24,208
1066	1052	1083	1063	1211	1069	1075	776	551	751	768	819	895	989	1273	1123	1106	1004	31,350
1882	2109	1887	1228	1224	1205	1725	2132	1874	1490	1601	1475	1592	1337	1077	1221	1221	1216	45,013
977	787	852	785	854	789	791	730	695	765	766	629	629	876	820	821	745	595	23,345
779	706	804	604	599	645	605	587	683	589	615	666	677	814	810	820	795	811	22,389
660	541	794	759	652	648	534	592	650	897	845	913	695	675	826	706	749	750	22,407
446	487	501	645	727	771	743	620	578	526	480	387	486	560	676	683	636	642	19,306
677	654	636	831	653	735	752	747	721	735	808	684	613	721	873	617	663	757	21,963
930	1026	957	867	871	833	861	887	1021	1159	2056	2184	1636	1477	1421	1301	1279	1206	39,840
705	861	887	1228	492	739	717	506	667	848	924	939	893	812	826	923	836	837	26,128
801	922	782	798	811	718	737	805	695	613	638	617	582	417	429	418	411	413	22,306
608	709	684	697	692	717	679	629	449	549	644	654	604	654	709	657	710	611	18,784
914	1075	1325	1310	1220	1240	1225	1060	1250	1568	1445	1195	1020	1125	1165	1258	1358	1255	33,746
791	790	786	786	804	931	835	839	825	493	481	818	813	743	1066	1058	848	823	26,118
740	673	670	697	857	784	660	857	630	699	738	695	842	896	895	711	808	843	26,929

BEGINNING 1895

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1100	1010	1100	1180	1070	1100	1180	1210	1180
1896	1590	1350	1350	1070	1070	950	950	1070	1070	1070	1010	1070	1070	1010	1070	1070	1010	1010	1070
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	1140	1140	1070	1070	1070	1010	1010	950	950
1898			550				550			1060				1230			1750		
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	1580	1580	1580	1340	1460	1460	1580	1580	1580
1900	1780	1790	1790	1790	1680	1520	1570	1570	1680	1570	1460	1460	1460	1460	1460	1460	1360	1460	1460
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	1200	1270	1270	1240	1350	2430	2120	1870	2180
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	1900	1800	1560	1350	1310	1270	1350	1440	1390
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	1110	945	865	1020	790	945	1110	1020	1020
1904																			
1905																			
1906	810	780	780	810	750	780	780	810	810	810	810	880	920	960	1010	1160	1240	1280	1330
1907								3540	3540	3420	3060	2950	2900	2840	2900	2900	2950	2900	2900
1908			1240	1240	1180	1100	1100	1070	1070	1040	1000	1000	930	930	965	1070	1040	1040	965
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	1440	1580	1960	1760	1760	2160	3400	2970	2610
1910																			
1911	2450	2340	1680	1600	1740	1640	1370	1300	1230	1325	1410	1325	1370	1230	1170	1140	1060	1230	1230
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550	1380	1340	1300	1260	1300	1460	1880	1780
1913																			
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220	1080	1080	1080	1080	950	1020	1220	1220
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990	930	930	820	730	820	930	1050	1110
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206	1182	1106	1066	1057	1074	1109	1111	1159
1917	684	684	690	690	880	800	783	793	783	695	695	948	857	857	857	765	800	972	923
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1355	1488	1493	1583	1594	1477	1432	1382	1486
1919	697	732	802	835	811	814	832	855	858	847	1062	1351	1356	1203	938	927	995	992	973
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021	976	1041	999	977	1017	1073	1130	1099
1921	1453	1262	1416	1230	1267	1178	1208	1199	1239	1270	1485	1215	1680	1900	2094	2933	2414	1311	1236
1922	973	788	788	787	872	794	952	1152	1383	1197	1110	1014	889	731	670	753	1023	1101	1280
1923	678	629	730	781	841	781	554	817	982	861	932	671	759	772	873	928	761	934	831
1924	838	983	1066	962	985	981	1008	2050	2445	1966	1336	1107	1307	1222	1178	1282	1356	1334	1266
1925	1023	1213	2195	2895	5775	5859	5169	3846	2972	2088	1758	1638	1637	1778	1775	1608	1381	1443	1443
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497	1354	1252	1056	1033	1017	1000	1031	1004
1927	1097	1214	1499	1876	1976	2057	1826	1661	1759	1043	1010	1171	1343	1350	1369	1263	1436	1312	1481
1928	1336	1297	1434	1444	1326	1591	1436	1611	1311	1447	1449	1324	1166	1475	1166	924	1188	1192	1452
1929	762	1172	1146	977	1067	1047	867	614	614	705	737	508	750	794	823	866	843	996	1049
1930	846	823	832	924	760	846	847	1094	1087	975	1055	971	969	881	1343	1488	1268	1405	1290
1931	752	761	761	765	792	855	850	782	466	772	836	837	688	630	862	890	887	974	925
1932	645	600	801	529	492	498	659	655	683	810	653	569	549	436	431	543	466	468	489
1933	697	770	755	638	584	708	677	692	593	585	655	788	781	713	770	940	702	768	777
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506	1465	1324	1322	1316	1382	1463	1465	1314
1935	828	868	945	933	970	1076	1156	1257	1038	774	924	917	918	928	883	753	781	922	934
1936	524	657	606	689	787	661	686	598	557	557	708	728	1003	835	1042	608	776	1012	716
1937	700	730	674	796	723	654	682	678	678	671	723	723	670	795	715	870	875	865	786
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1159	1412	1505	1707	1486	1459	1443	1199	1189	1128
1939	699	591	609	860	885	895	1003	785	775	764	793	1045	811	811	813	911	675	799	798
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439	1273	987	910	1329	1058	947	1047	953

BEGINNING 1895

FEBRUARY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
80	1070	1100	1180	1210	1180	1220	1210	1210	1290	1350	1390	1430	1450	1450				34,140
10	1070	1070	1010	1010	1070	1070	1070	1140	1140	1140	1210	1210	1280	1770	1870			33,830
70	1070	1010	1010	950	950	890	830	890	890	890	830	770	770	830				27,620
30			1750				1400				1400			1750				33,600
40	1460	1460	1580	1580	1580	1580	1460	1460	1340	1220	1220	1340	1460	1460				39,320
60	1460	1460	1360	1460	1460	1460	1680	2480	2330	2180	2040	2180	2040	2040	2040			50,250
240	1350	2430	2120	1870	2180	2180	2020	1820	1970	1870	2070	1970	4160	4380				49,170
350	1310	1270	1350	1440	1390	1350	1270	1270	1270	2880	2460	2220	2110	1800				45,220
020	790	945	1110	1020	1020	1020	1020	1110	1110	1110	1110	1020	1110	1110				31,785
																		54,000
																		28,350
960	1010	1160	1240	1280	1330	1310	1280	1310	1280	1200	1160	1160	1110	1300				28,620
2840	2900	2900	2950	2900	2900	2840	2900	2840	2900	3060	3180	3420	4060	4130				77,500
930	965	1070	1040	1040	965	1000	965	1000	1040	1140	1180	1210	1240	1320	1360			31,641
1760	1760	2160	3400	2970	2610	2550	2380	2060	2060	2160	2160	2110	2060	2110				55,340
																		33,300
1230	1170	1140	1060	1230	1230	1230	1140	1110	1170	1140	1170	1170	1140	1060				38,170
1300	1260	1300	1460	1880	1780	1550	1460	1420	1460	1380	1160	1160	1260	1230	1080			38,060
																		25,700
1080	1080	950	1020	1220	1220	1300	1530	2190	2300	2140	1980	1880	1700	1790				37,484
820	730	820	930	1050	1110	1110	1050	1050	1104	995	1070	1076	1036	1012				29,863
1066	1057	1074	1109	1111	1159	1158	1164	1183	1223	1224	1222	1212	1248	1228	1160			31,631
857	857	765	800	972	923	917	825	834	937	869	1096	1022	1156	1035				23,847
1583	1534	1477	1432	1382	1486	1417	1449	1345	1366	1431	1429	1418	1401	1401				38,868
1203	938	927	995	992	973	943	930	908	943	939	916	901	975	1087				26,422
999	977	1017	1073	1130	1099	1102	1160	1176	1147	1093	1050	971	938	936	927			33,307
1900	2094	2933	2414	1311	1236	1465	1500	2195	2204	2560	2090	1800	1985	2260				47,049
731	670	753	1023	1101	1280	1233	1115	865	715	850	869	951	1019	716				26,590
772	873	928	761	934	831	936	1022	1041	1067	1290	1263	1280	1183	1233				25,430
1222	1178	1282	1356	1334	1266	1142	1164	1145	1314	1018	1072	1120	1290	1121	1165			36,223
1778	1775	1608	1381	1443	1443	1558	1677	1938	1820	2302	2132	2024	1840	1906				64,693
1056	1033	1017	1000	1031	1004	1020	1020	1000	992	1063	1072	1020	1059	1032				32,132
1350	1369	1263	1436	1312	1481	1777	3003	4092	3477	2937	2696	2727	2552	2667				53,671
1475	1166	924	1188	1192	1452	1442	1593	1426	1407	1407	1410	1380	1364	1274	1273			39,545
794	823	866	843	996	1049	1078	1044	931	696	975	911	837	928	870				24,607
881	1343	1488	1268	1405	1290	1163	1767	1455	1715	1487	1282	1275	1175	1171				32,194
630	862	890	887	974	925	908	1005	832	856	706	805	788	835	829				22,649
436	431	543	466	468	489	534	496	666	672	614	644	670	814	1052	1239			18,377
713	770	940	702	768	777	769	763	769	900	767	746	744	752	765				20,568
1322	1316	1382	1463	1465	1314	1192	1595	1550	1190	1479	1327	1398	1407	1550				39,474
928	883	753	781	922	934	1062	1119	1101	1043	1039	1036	920	1006	1037				27,168
835	1042	608	776	1012	716	896	843	1137	1170	1102	1087	947	857	942	947			23,678
795	715	870	875	865	786	709	578	612	858	758	797	801	781	962				20,864
1486	1459	1443	1199	1189	1128	1201	1437	1108	1207	1207	1102	1219	1366	1424				35,783
811	813	911	675	799	798	909	762	883	891	968	998	1094	897	861				23,585
910	1329	1058	947	1047	953	840	818	837	949	1051	1048	1246	2085	4011	4878			37,862

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	1640	1610	1550	1490	1410	1370	1350	1370	1390
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	1280	1280	1350	1350	1350	1350	1280	1350	1350
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	1010	890	770	890	890	890	1090	1070	1010
1898	1750	1920	1920	1920	2260	2430	2430	2260	2260	2430	2770	2600	2430	1920	2090	1920	1750	1750	1750
1899	1580	1580	1580	1580	1460	1460	1460	1460	1340	1340	1340	1400	1400	1340	1340	1340	1340	1580	1940
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	4810	5990	5990	5860	5860	6120	6120	6390	6390
1901	3930	4600	4270	3930	3060	2880	3260	3260	2880	2720	2640	2430	2180	2180	2180	2180	2570	2570	2570
1902	1700	1610	1520	1480	1440	1440	1440	1440	1440	1420	1420	1390	1390	1350	1350	1350	1350	1350	1350
1903	1110	1150	1200	1200	1200	1110	1090	1020	1020	1110	1200	1200	1380	1470	1570	1570	1570	1570	1620
1904	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	5320	4890	4480	4090	3900	3540	3720	3900	4890
1905																		1930	1850
1906	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1430	1390	1350	1280	1160	880	750	810	880
1907	3670	3060	3060	3000	2950	4550	4340	4480	4410	4200	4060	3930	3740	3480	3540	3670	3540	6220	10600
1908	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1070	1210	1360	1560	2780	3950	3810	4940	4100
1909	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2550	2610	2610	2850	3210	3780	4130	4130	3990
1910	3360	5500	6700	6700	7170	6850	6550	6700	6700	6700	6850	7170	7490	8450	8770	9250	9890	10400	11800
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	1495	1540	1540	1640	1895	2170	2555	2670	2980
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	1230	1230	1230	1340	1380	1500	1460	1420	1380
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	2140	2140	1840	1670	1500	1500	1500	1670	1670
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	3220	3300	3520	3750	3830	4340	4730	5120	5530
1915	1062	992	998	1060	1019	1009	1000	936	962	955	1093	1195	1186	1224	1206	1295	1379	1283	1540
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	2600	3064	3552	3443	3345	3506	4057	4521	4902
1917	1038	913	914	1006	1036	916	997	990	987	944	904	944	812	905	866	887	826	865	848
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	1700	1645	1744	1699	1758	2397	2209	2118	2637
1919	1186	1278	1385	1290	1154	1178	1171	1163	1010	948	967	1069	1080	1063	1035	1123	1195	1138	1135
1920	911	1059	1097	1107	1206	1059	1128	1022	1080	1171	1260	1257	1293	1490	1569	1470	1534	1444	1393
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	3755	4010	4085	3895	4426	4168	4550	4450	5725
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	889	917	990	725	485	777	1255	1822	2246
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1083	962	1182	1242	1158	1014	1033	1057	1148	1122
1924	1117	952	1202	1267	1155	1101	1113	1150	1093	1008	1106	1179	1044	1078	1016	974	969	958	964
1925	1718	1562	1671	1765	1930	2758	3451	3358	2995	2556	2114	2019	1995	1789	1790	1844	1983	1983	1988
1926	1202	1301	1387	1487	1756	1725	1529	1619	1608	1688	1803	1666	1828	2490	2728	3083	3576	3135	2939
1927	2493	2223	2479	2247	2925	2976	3333	3208	3065	3030	2588	2738	2436	3034	3845	3190	2992	3011	2748
1928	1492	1361	1249	1366	1406	1406	1188	1707	1925	2706	3087	5849	4691	3988	3537	3243	3177	3458	3830
1929	771	936	822	1150	1060	1102	1144	1245	1350	773	2902	2616	1838	1654	1582	1654	1735	1856	1860
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045	1117	1113	1261	1479	1637	1565	1670	1653
1931	678	658	830	917	838	866	863	725	836	964	906	1008	1288	1209	1220	1385	1416	1527	2571
1932	1428	1349	1203	1001	797	936	968	772	612	587	523	425	1519	1339	1478	1533	1501	1836	4216
1933	818	792	761	748	752	687	696	700	731	826	824	836	1117	1000	1002	1074	1221	1313	1257
1934	1277	1437	1573	1798	1855	1797	1802	1685	1658	1644	1619	1710	1857	2141	2312	2658	2822	2573	2352
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847	1094	1118	1364	1774	1797	1687	1588	1616
1936	1060	1113	1325	1444	1573	1415	1504	1561	1549	1628	1656	1581	1767	1654	1434	1293	1444	1398	1468
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089	1490	1505	1632	1906	2266	2159	2510	2013
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239	2307	3039	3496	3291	3826	4726	4586	4644
1939	860	775	908	1023	1004	1017	906	878	986	869	1097	1130	1378	1424	1283	1105	1621	1981	2445
1940	4175	3300	2919	2488	2269	2210	1929	2065	2602	2525	2309	2061	1760	1737	1933	1711	1738	1859	2078

BEGINNING 1895

MARCH

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
490	1410	1370	1350	1370	1390	1390	1390	1390	1390	1430	1550	1740	2060	3000	3430	2860	2590	51,590
350	1350	1350	1280	1350	1350	1590	2430	2970	3120	4100	4100	6490	8260	6810	6190	4100	3930	78,780
890	890	890	1090	1070	1010	950	950	1010	1210	1510	1870	3120	3430	3120	2970	2690	2430	44,000
1920	2090	1920	1750	1750	1750	1750	1920	1750	1580	1400	1400	1400	1400	1400	1580	1750	1750	59,640
1340	1340	1340	1340	1580	1940	2060	2060	1820	1820	1940	3760	2130	2580	2780	2780	2780	2580	56,950
5860	5860	6120	6120	6390	6390	6120	6120	6120	6660	6660	6660	6920	6660	5330	5330	5060	5060	152,610
2180	2180	2180	2570	2570	2570	2720	2880	3930	3480	3060	3060	2640	2570	2430	2240	2180	2180	89,660
1350	1350	1350	1350	1350	1350	1350	1440	1440	1440	1440	1440	1440	1480	1440	1440	1440	1440	44,460
1470	1570	1570	1570	1570	1620	1680	1680	1900	2010	2400	3340	3520	4100	4750	5970	7900	8070	71,680
4090	3900	3540	3720	3900	4890	4680	4380	4000	3900	3540	3460	3210	3290	3050	4680	4680	4090	132,070
				1930	1850	1660	1630	1630	1630	1640	1640	1940	2090	1860	1860	1820	1650	50,950
1280	1160	880	750	810	880	1060	1160	1240	1350	1490	2250	2840	3180	3180	3360	3480	4130	50,550
3480	3540	3670	3540	6220	10600	10800	11300	9990	8630	7910	7430	6740	6300	6070	5920	5770	5700	173,060
1560	2780	3950	3810	4940	4100	3270	3020	2840	2780	2900	3200	3020	2960	2720	2560	3020	2620	70,565
2850	3210	3780	4130	4130	3990	4130	3850	3850	4060	4130	4550	4840	3780	6280	6700	6450	6620	114,420
8450	8770	9250	9890	10400	11800	15200	15600	16600	16100	12100	10800	10200	9250	9090	8770	8450	8290	283,450
1640	1895	2170	2555	2670	2980	3370	3910	4200	4800	4800	4350	3840	3665	3500	3630	4500	4050	79,785
1340	1380	1500	1460	1420	1380	1380	1290	1300	1420	1600	1730	2030	2480	2970	3360	3230	3130	49,790
1670	1500	1500	1500	1670	1670	1500	1340	1420	1340	1340	1340	1200	1200	1480	1970	4040	4130	50,900
3750	3830	4340	4730	5120	5530	5180	5120	4780	4730	4670	4340	3880	3690	3260	3090	3040	3000	108,020
1224	1206	1295	1379	1283	1540	1669	1646	1951	2183	2500	2319	2190	1985	2080	2787	2612	2075	47,391
3443	3345	3506	4057	4521	4902	5657	6189	5434	4801	4156	3751	3522	3471	4128	4416	4389	4472	98,743
905	866	887	826	865	848	926	1024	1016	1020	924	1048	1006	933	906	1208	1563	1698	30,870
1699	1758	2397	2209	2118	2637	2705	3355	3813	4013	4377	4720	5264	6243	6415	6414	6477	6335	90,721
1063	1035	1123	1195	1138	1135	1280	1488	1788	1819	2381	2738	3288	3278	3678	4099	4812	5241	57,458
1490	1569	1470	1534	1444	1393	1342	1443	1808	2109	2168	2108	1859	1852	1755	1579	1495	1559	44,627
3895	4426	4168	4550	4450	5725	5346	4581	5073	4960	4927	5093	4881	4413	4092	4221	4306	4633	135,736
725	485	777	1255	1822	2246	2395	2310	2235	2681	4669	4453	3473	3156	2936	2782	2429	2972	56,846
1158	1014	1033	1057	1148	1122	1064	1290	1237	1219	1332	1419	1804	1610	1884	2721	3359	4390	46,350
1078	1016	974	969	958	964	964	1028	976	948	995	866	1058	900	997	919	914	764	31,775
1789	1790	1844	1983	1983	1988	2033	2661	3692	4305	5045	4980	4830	4920	4460	5690	6054	6250	96,189
2490	2728	3083	3576	3135	2939	2805	2769	2811	3040	3470	3393	2575	2525	2318	2074	2030	1865	70,225
3034	3845	3190	2992	3011	2748	2705	2463	2426	2744	2690	3138	3339	3105	3226	3676	3955	4752	92,780
3988	3537	3243	3177	3458	3830	4490	5179	6240	7374	8768	10039	8241	8478	8562	7371	6766	6106	138,280
1654	1582	1654	1735	1856	1860	1920	2042	3120	2758	2191	2085	1575	1578	1820	1984	1976	2318	53,417
1261	1479	1637	1565	1670	1653	1705	1900	2038	2073	2029	2094	2242	2972	2312	2505	2948	3073	51,808
1209	1220	1385	1416	1527	2571	2553	2565	2865	2833	2400	1950	1856	1504	1700	1623	1351	1718	45,623
1339	1478	1533	1501	1836	4216	8578	6327	3770	2934	2845	2955	3065	2460	2254	3060	2918	2724	67,913
1000	1002	1074	1221	1313	1257	1273	1335	1141	1098	1081	1003	997	1099	1106	1640	1644	1665	32,237
2141	2312	2658	2822	2573	2352	2330	2320	2466	2662	2685	2458	2445	2285	2760	5492	6110	5265	75,848
1364	1774	1797	1687	1508	1616	1413	1528	1418	1397	1234	1386	1433	1364	1349	1449	1709	1926	41,575
1767	1654	1434	1293	1444	1398	1468	1722	2304	2481	2260	2057	1858	1681	1624	1668	1624	1491	50,030
1505	1632	1906	2266	2159	2510	2013	1649	1577	1462	1428	1285	1321	1402	1473	1493	1600	1723	44,935
3039	3496	3291	3826	4726	4586	4644	4468	3838	3471	3509	3305	3402	2310	3581	3347	3439	3194	95,513
1378	1424	1283	1105	1621	1981	2445	3140	3413	3878	4466	4809	5842	6017	5680	5766	5652	5231	82,147
1760	1737	1933	1711	1738	1859	2078	2107	2227	2467	2746	3117	3521	5356	9146	8989	6379	5321	100,756

BEGINNING 1895

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	2470	2350	2460	2560	2330	2210	2120	2250	2520	2830	3020	3240	3510	3680	3850	4020	4200	4370	4510
1896	3760	2970	2830	2830	2970	2970	4100	4470	3760	4890	3930	3930	6810	11000	7150	6190	5910	4890	4470
1897	2560	2190	2080	2190	2080	2430	2430	2310	2970	3590	4890	6490	7880	8660	14300	19000	26200	27000	29500
1898	1580	1750	1750	1400	1230	1400	1750	1580	1580	2090	2260	2600	3800	5170	5510	6020	6360	6360	5510
1899	2780	2980	2980	3170	3760	3760	3760	4580	5580	7000	7600	8320	8140	7450	7300	10170	8500	8690	7000
1900	5060	6660	7450	6920	6660	7180	7720	7450	6650	6660	5860	6390	7180	6120	5600	6120	5860	6120	6120
1901	2070	2240	2430	2360	2300	2300	2300	2300	2360	2720	3460	4380	5050	5720	5500	5050	5280	5500	6170
1902	1390	1850	1930	2460	2460	2460	3365	4160	3030	2590	2590	2660	2660	2590	2730	3740	4160	5500	5950
1903	7110	6520	5710	5710	5220	5220	5220	4310	4530	7740	6810	5710	4980	5220	5340	5710	6240	6520	6660
1904	4090	4090	4480	5320	5770	6010	5770	5890	6760	10400	11500	13700	15500	18000	19700	17800	16400	15400	17200
1905	1650	1710	1750	1840	1970	2320	2810	2920	3050	2810	2570	2470	2570	2490	2490	2660	2820	2710	2980
1906	4550	3670	3240	3060	2900	3540	4340	5110	5250	5620	4830	4620	4760	4830	5470	6070	6300	6370	6440
1907	6520	6670	6970	7040	7270	7350	7510	8230	9030	11600	11600	13680	14600	15600	17000	16000	14500	13600	12300
1908	2190	2190	2290	2500	3140	2900	2780	2800	3140	5180	5580	6780	8670	7950	7770	8760	8040	7950	8850
1909	6650	7450	8200	7550	7100	6400	5900	5900	5600	6600	6550	6450	7150	8000	8450	9000	9150	9150	9050
1910	8290	8290	8930	8450	8450	8450	8610	8930	9890	10500	11500	12000	11800	11200	10500	10000	10000	10000	10200
1911	6150	6560	6550	6100	5750	5280	4970	4520	4790	5050	4750	4280	4120	3890	3780	3630	3750	4300	4430
1912	3230	3770	4740	5300	5280	4090	5060	6100	7200	8070	7870	7360	6560	5780	5600	5280	5240	5530	5350
1913	4640	4300	3840	3370	3730	4110	4050	3990	4230	4600	5280	5980	6980	7710	8310	7440	6900	7490	7910
1914	2690	2920	3260	4140	6260	7270	7360	7760	7840	8420	8500	8100	8510	8750	9650	11300	10100	9250	8870
1915	1975	2230	2616	2764	2684	2821	2763	2591	2640	2677	2799	2997	3574	3719	3501	3663	4073	4056	4108
1916	5108	5908	6338	6649	6947	6649	6611	7382	7735	8918	11761	11644	10551	10410	10620	10490	9840	9550	8500
1917	1538	1386	1557	1500	1522	2002	2515	3849	2374	3735	3881	4131	6451	4496	3948	3509	3093	2976	2850
1918	6402	6266	6621	5948	4910	4575	4018	4595	4356	4985	7036	7100	6877	6838	6577	6063	5537	5144	3862
1919	5805	6183	6303	7518	8333	7507	6650	5390	4657	4320	4467	4513	4483	4467	4267	4022	4083	4226	5155
1920	1549	1628	1531	1432	1533	1963	2111	2495	2798	3230	3602	3889	4069	4230	4214	4248	3943	3558	3452
1921	4960	5767	7327	8583	6136	7996	5956	5193	4763	4887	6514	5327	7017	8340	7536	6612	6002	6002	6172
1922	3260	2589	2775	4554	4485	4692	4458	6294	6242	5026	5028	3849	3758	3457	3506	3305	2840	2585	2630
1923	4206	4488	4476	4386	3861	3958	4326	3854	3633	3645	3874	5255	4705	4777	4548	4905	6311	6805	6347
1924	933	944	962	1132	962	1056	1305	1922	2506	2714	2762	2722	2699	3378	3415	2745	2250	2191	2015
1925	5595	5335	5480	5275	7895	7885	7895	7900	8830	10400	11355	13050	14200	12950	11335	11440	11755	12275	10665
1926	1991	1761	1894	1767	2703	1455	2316	2702	3180	3300	3319	3344	3483	4083	4321	4867	5381	5802	5848
1927	4414	5958	5366	4815	3911	4505	4553	5268	5579	5238	4703	4550	3980	4218	4603	4980	4937	5057	4629
1928	5834	5406	5252	4751	4587	4407	3818	3809	3590	3952	3737	4216	3607	3977	3797	4053	4198	4445	4659
1929	1871	1829	1951	2290	2609	2587	2202	2149	1920	1688	1726	1702	1558	1562	2046	2219	2552	3065	3471
1930	2581	3183	2944	3242	3610	4160	5125	5379	5540	5662	5685	5631	5525	5481	5290	4418	3885	3774	3343
1931	2199	3177	3354	2629	2470	2533	2709	3256	3326	3115	3192	3072	3206	3540	3143	2972	3083	3119	3354
1932	3195	3973	4861	5209	4783	4470	4032	4038	4045	4011	4576	5694	7652	8697	9076	8305	8060	6727	6413
1933	1590	1914	2492	3599	3806	3357	3080	2669	2455	1864	1512	1407	1486	1487	1809	2471	3328	3477	3250
1934	4654	4001	3629	3525	3291	2945	3039	3299	3634	3548	4155	4344	4924	5274	5156	4687	4476	3941	4048
1935	1763	1721	1651	1964	2515	2513	2285	3268	4057	4412	4198	4443	4871	5695	6446	8138	7767	6191	5524
1936	1390	1325	1255	1342	1284	1257	1301	1543	2409	3573	4529	6748	8620	10535	11125	13522	12154	15960	18600
1937	2008	2800	3385	2295	2160	1990	1889	1776	1642	1960	1960	1988	2287	4490	5662	7167	5220	4422	3785
1938	2807	2545	3270	2989	3119	3515	3893	4296	4548	4828	5365	5802	6088	6436	6674	7394	7848	8938	12800
1939	5941	6390	6610	6985	6927	6185	5572	5178	5441	4937	4823	4697	4700	4359	4117	3946	4252	4451	4701
1940	9288	8136	6835	5923	5711	5180	4692	4636	4581	4810	4623	4422	4762	5769	6669	6698	6023	5786	5661

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

APRIL

4	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
30	3850	4020	4200	4370	4510	4680	4890	4470	4890	5380	5910	6810	6490	6840	6220	6490		121,570
60	7150	6190	5910	4890	4470	3930	3760	4890	5130	5130	5910	7150	5640	5380	5640	5130		147,520
90	14300	19000	26200	27000	29500													238,000
120	5510	6020	6360	6360	5510	5510	5680	5580	5680	5680	5850	6540	6540	6540	6360	6190		125,850
150	7300	10170	8500	8690	7000	6700	6700	7960	10910	13130	11280	11650	9060	7960	7300	6700		212,870
180	5600	6120	5860	6120	6120	6120	6120	6120	6120	6120	6120	5860	5860	5860	5860	6120		190,060
210	5500	5050	5280	5500	6170	6840	6840	7180	7740	8640	7850	8080	7290	7070	7520	8410		152,950
240	2730	3740	4160	3500	5950	6400	5500	5050	4600	4160	3840	3940	3940	3740	3550	3740		106,735
270	3340	3710	6240	6520	6660	6810	7740	11500	11000	11500	12100	13300	12700	10500	8410	8070		224,110
300	19700	17800	16400	15400	17200	18000	15400	12200	10100	9120	9120	11100	13600	11800	11100	10600		335,920
330	2490	2660	2820	2710	2980	3380	3380	3320	3540	3540	3950	4410	4570	4070	3760	3590		88,100
360	5470	6070	6300	6370	6440	6520	7430	8070	8550	7830	7430	6520	6300	6220	6520	6600		168,960
390	17000	16000	14500	13600	12300	11300	11400	11400	12500	12500	12500	12100	11900	11500	11300	11300		336,770
420	7770	8760	8040	7950	8850	9600	10100	10600	9900	8940	7940	7590	7140	6690	6510	6690		191,160
450	8450	9000	9150	9150	9050	8750	8450	8000	8200	8350	8000	9400	10500	10200	9000	7460		236,610
480	10500	10000	10000	10000	10200	10800	10500	10400	10500	10500	11000	11300	11500	11300	11000	10200		304,990
510	3780	3630	3750	4900	4430	4410	4250	4280	4620	5330	6500	8200	8500	8300	7640	7300		161,980
540	5600	5280	5240	5530	5350	5240	4970	4970	4800	4900	5780	5760	5740	6000	6440	8450		170,460
570	8310	7440	6900	7490	7910	7520	8100	8670	7650	6790	6430	7140	7870	8290	7430	6730		187,480
600	9650	11300	10100	9250	8870	8800	8900	9490	9590	9360	9300	7970	8070	7840	7630	6620		234,520
630	3719	3501	3663	4073	4056	4108	4130	4300	4090	3728	3387	3212	3296	3292	3357	3493	3743	98,279
660	10410	10620	10490	9840	9550	8500	7540	7470	7660	7490	9450	11390	13460	14960	14020	12050	10430	277,531
690	4496	3948	3509	3093	2976	2850	3091	3701	5092	5900	7547	8193	9086	9314	9990	7615	6699	133,541
720	6838	6577	6063	5537	5144	3862	4145	4422	4966	5569	6797	7647	7167	6552	6124	5937	5984	173,020
750	4467	4267	4022	4083	4226	5155	5903	6490	6946	7273	8021	9470	10433	10516	10355	10215	9956	197,927
780	4230	4214	4248	3943	3558	3452	3535	3694	3728	3664	3246	2931	2893	3152	3518	4078	4608	94,522
810	8340	7536	6612	6002	6002	6172	6725	7155	7138	7674	8104	7287	6537	5830	6050	6402	7250	197,242
840	3457	3506	3305	2840	2585	2630	3265	3935	5425	7240	8120	8815	8870	9270	9976	10412	9160	159,821
870	4777	4548	4905	6311	6805	6347	6092	5045	4455	3962	3538	2938	3222	3601	4610	5280	5760	136,863
900	3378	3415	2745	2250	2191	2015	2144	2124	2476	2907	3094	2821	2761	2548	2741	2873	3123	68,225
930	12950	11335	11440	11755	12275	10665	8930	7786	7050	6760	5857	5668	5365	5140	5220	5640	6000	250,931
960	4083	4321	4867	5381	5802	5848	6001	5862	5023	4796	4214	3991	4071	4313	4525	4976	5103	116,392
990	4218	4603	4980	4937	5057	4629	4715	4181	4286	4181	4808	6796	9970	13595	14317	14549	14555	187,217
1020	3977	3797	4053	4198	4445	4659	4221	4380	4232	3978	4641	5988	6929	10105	11480	10460	9495	158,004
1050	1562	2046	2219	2552	3065	3471	4107	4235	3966	3860	4207	4109	4013	4434	4832	5308	5551	89,619
1080	5481	5290	4418	3885	3774	3343	3349	3400	4141	4781	5185	6194	5909	5666	4546	4786	4674	137,089
1110	3540	3143	2972	3083	3119	3354	2833	3070	2981	2784	3070	2662	2521	2502	2601	2746	3367	88,586
1140	8697	9076	8305	8060	6727	6413	6664	6338	5443	4868	4325	4181	4438	5337	5997	6088	6507	168,003
1170	1487	1809	2471	3328	3477	3250	3663	4220	4186	4820	5649	6315	7220	8267	9084	9592	9602	119,671
1200	5874	5156	4687	4476	3941	4048	3958	4144	4688	4838	5466	4520	4964	4277	3896	3826	3677	124,824
1230	5695	6446	8138	7767	6191	5524	6063	7305	8311	7747	6145	5407	5092	5494	6314	6208	6221	149,729
1260	10533	11185	13528	12154	15960	18600	18270	17980	17140	18345	19790	17200	15155	13250	11980	10965	10250	288,797
1290	4490	5662	7167	5220	4422	3785	3810	4022	4497	3958	3501	3206	3345	4635	5338	4678	3803	103,679
1320	6436	6674	7594	7848	8938	12800	14070	12825	12541	13191	13278	13122	14180	14188	13469	13329	15202	252,550
1350	4359	4117	3946	4252	4451	4701	5133	5708	6149	6521	6366	6153	5456	5092	5044	5579	7046	164,459
1380	3769	6669	6698	6023	5786	5661	6661	6781	6276	5848	5853	5685	5717	6531	6620	6097	5647	177,921

BEGINNING 1895

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1895	6810	6190	7150	7510	6490	7880	7510	7150	6810	6190	5640	5640	5640	6490	6810	6810	6490	6190	6190	6
1896	5640	4890	5640	7880	7880	6490	6810	7151	6490	5910	6190	5910	5380	4890	4890	4890	4670	4490	4280	4
1897																				
1898	6190	6020	6020	5510	4650	4310	4480	4480	4480	4820	4820	4820	5510	5510	5680	5590	5590	5000	4820	51
1899	6120	5300	5060	4820	5300	5850	9060	9800	13500	19000	17200	14200	13500	12800	11300	10200	9800	9060	7600	71
1900	6390	6660	6920	7450	7450	8780	9300	10100	10400	11400	11960	11960	8510	8510	8780	8780	8510	8240	8510	82
1901	8860	10200	9640	10200	11100	10400	10200	9980	10300	10700	11200	11300	12000	12200	12200	12700	12700	12400	11500	99
1902	3740	3550	3190	3190	3190	3550	3940	6170	6840	6400	6400	6840	7740	7740	7070	7070	6840	5950	5500	51
1903	7740	7420	7420	8410	9150	10000	10000	10000	9560	9560	9560	9560	11000	12700	12700	11500	10000	10000	8870	71
1904	10100	10100	11500	12800	12200	12300	12200	11800	11800	12300	12300	12800	12800	13200	13600	13600	13600	13900	13900	1501
1905	3350	3470	3590	3490	3260	3100	3080	3120	3510	3350	2980	2900	2710	2580	2610	2650	3300	4600	4740	471
1906	6820	6970	7490	8070	7430	7200	7040	7350	7510	8150	8310	8710	8710	8470	8390	7430	6440	5920	5700	570
1907	10800	10800	10800	10900	10900	10900	11300	11700	11900	12100	12500	11200	11100	10100	9700	10300	11100	12500	13400	1330
1908	7410	8040	7590	8040	7590	8220	9220	9800	9030	8130	6870	6340	6170	5740	5580	5340	5100	4860	4860	470
1909	7460	7630	8900	10500	12400	11600	10800	10500	10200	10200	9000	8200	8000	7630	8200	8600	8400	8200	8600	930
1910	9250	8610	7650	7650	7170	6700	6850	7490	8450	10200	10000	8990	9890	9730	9250	8610	8130	8130	8130	765
1911	7120	7250	8020	8950	10500	10800	9830	9170	8830	7820	7650	7560	7880	7840	8980	10200	9650	10100	9380	8830
1912	7460	6960	6500	6500	6500	8610	7650	8610	10200	11200	11700	11600	11400	11700	11900	12100	12700	12900	13700	14300
1913	6070	5560	5050	4900	5200	7010	8770	10400	11500	12100	10600	10000	9490	8470	7920	7380	6980	7810	8500	8370
1914	6420	7440	8370	9300	9440	7970	8100	8720	9330	9780	10200	10100	9920	9280	9440	9440	9600	9600	9280	9440
1915	4026	3604	3305	3116	3020	2941	2888	2903	3069	3551	3871	4165	5107	5486	5334	5239	5033	5678	6227	5729
1916	9870	10380	11260	13100	14670	15500	16550	14530	13280	11290	9740	8368	7362	6601	6220	6100	6260	7084	8419	8397
1917	6439	5992	6708	5333	6606	6891	7786	9186	10671	10755	11090	12189	13773	15296	17848	17555	13816	10629	9104	8562
1918	6404	6947	7554	8322	9307	10178	11352	10905	9536	8102	7368	7053	6522	6544	6834	6187	6405	5535	4700	4942
1919	10210	10145	9533	8796	7968	7060	6307	5859	5806	5888	5897	5904	5743	5583	5640	5977	6460	6663	6713	7383
1920	4861	5043	4909	4768	4652	4792	5152	5739	6612	7537	8093	8757	8847	8650	8600	8868	9245	9623	9375	9031
1921	7261	7755	8759	9742	10600	11249	11120	12239	13496	13910	12702	13006	11835	13156	14742	17174	18739	18115	15158	13165
1922	8640	8540	9646	9720	10743	12962	12916	12990	12080	9860	8642	8478	8107	9843	10561	11636	13057	15220	16450	16220
1923	4940	4692	4062	4192	4641	6060	7289	7961	8434	9077	9186	8109	7270	6800	6536	6497	6502	7160	8271	7573
1924	3457	3764	4485	4706	4688	4063	3378	3124	3235	3411	4042	4398	4866	5179	5011	5100	5142	5186	4675	4490
1925	6882	7686	9083	10064	11062	11068	12270	12925	11784	10735	10790	10810	10635	10765	10945	11500	11900	12500	13500	14350
1926	5500	5271	5214	4970	6116	7094	5564	4624	4196	3898	3388	3284	3119	2976	3106	3160	3417	3436	3625	3822
1927	14895	14212	11687	10113	9259	8720	8356	8861	8032	7503	7031	8090	8663	10172	13252	16652	19349	20061	17226	13754
1928	9285	10679	10057	9401	9512	10848	12685	15575	17606	20710	19273	18790	16751	14770	12847	11587	11522	12190	13145	13409
1929	4913	4434	4491	4685	4542	4042	3583	3457	4030	4447	4426	4578	5389	6215	6317	6532	6431	6411	6696	6424
1930	3765	3864	3970	5467	5180	5134	5104	4739	4383	4140	3757	3970	3495	3382	3772	4247	4169	4856	4552	4844
1931	3609	4058	4391	4662	4620	4414	5082	5434	4546	4100	3851	3721	4151	4646	5265	5201	5228	4870	4208	3632
1932	6135	7136	7732	7851	7794	7823	7929	7696	8252	8880	8748	10569	12444	13580	13569	12341	10987	11458	11607	12051
1933	7346	6420	5583	5035	4940	4732	4513	4667	3953	3581	3498	3460	3372	3373	3814	4758	5068	5745	4621	4861
1934	3647	3545	3342	3207	3203	3355	4150	4559	4736	4262	3752	3648	3458	3376	3239	3138	3216	3409	3434	3252
1935	6680	5978	6059	5657	5686	6321	7003	7070	6537	6514	6833	6491	6011	5706	5358	5307	6201	6411	5944	5963
1936	10227	9873	9967	10642	12065	11988	10497	9402	8753	9294	10046	11808	12951	13995	14946	14675	12418	10608	9822	9807
1937	3906	4075	5213	6310	7190	7705	7409	6848	6518	6490	6350	5891	5731	5755	6329	6530	6276	6467	6706	6535
1938	16732	19286	15909	12980	10968	9465	8459	7776	7517	7516	8239	8808	9209	10208	11343	11734	12691	12971	12173	10396
1939	8413	7872	8022	8056	8050	7733	6970	6422	5977	5674	5809	5719	5320	5334	5218	5272	5551	5486	5468	5275
1940	5075	4824	5022	6141	6327	5574	5311	5100	5438	6117	7224	8852	9866	9587	9164	8237	7997	7395	7081	7261

BEGINNING 1895

MAY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
490	6810	6810	6490	6190	6190	6490	6810	6190	5640	5380	5130	6490	7880	6810	5640	4890	4670	197,610
890	4890	4890	4670	4490	4280	4280	4100	4890	7150	11000	12500	14900	14900	19000	19700	23700	31200	277,691
																		254,000
5510	5680	5590	5590	5000	4820	5000	5000	4910	4910	4910	4910	5000	5000	5080	6190	5680	5250	160,140
2800	11300	10200	9800	9060	7600	7300	7300	8320	9060	9800	10900	9800	9060	10300	10500	11300	10900	304,010
8510	8780	8780	8510	8240	8510	8240	7980	7720	7450	7450	7180	7180	6920	6920	6660	6660	6390	255,360
2200	12200	12700	12700	12400	11500	9980	9530	8640	8000	7520	7740	8410	8640	9080	9080	8640	8190	313,230
7740	7070	7070	6840	5950	5500	5160	4830	4720	4600	4480	4720	5500	6400	7520	8190	7960	7740	176,730
2700	12700	11500	10000	10000	8870	7110	5710	5220	4980	4980	5220	5340	6240	6660	6810	7740	9150	260,310
3200	13600	13600	13600	13900	13900	15000	16400	18000	18700	18000	16100	14800	12200	12200	12800	11500	11800	414,300
2580	2610	2650	3300	4600	4740	4710	4670	4100	3990	3670	3360	3430	4700	4380	5360	5030	5120	114,910
8470	8390	7430	6440	5920	5700	5700	5700	5540	5320	5540	5470	7040	6740	6520	6440	6070	5920	214,050
10100	9700	10300	11100	12500	13400	13300	12200	11700	10900	10700	9900	9600	9220	9120	9120	10700	11300	341,760
5740	5580	5340	5100	4860	4860	4700	4400	4180	3960	3890	4320	4620	4400	4250	4100	4250	4180	185,180
7630	8200	8600	8400	8200	8600	9300	9600	10200	10500	10200	10200	10400	12000	13100	11700	10200	10200	302,620
9730	9250	8610	8130	8130	8130	7650	7330	7170	7650	9090	8930	7970	8130	7650	7330	7810	8290	255,880
7840	8980	10200	9650	10100	9380	8830	8610	9030	9300	9640	9500	9100	8690	8260	7700	8750	9620	274,560
11700	11900	12100	12700	12900	13700	14300	14500	12600	11800	10800	10500	13000	13500	12700	12500	12900	13100	342,090
8470	7920	7380	6980	7810	8500	8370	8240	8610	9440	11100	12200	12400	12800	13300	12700	12200	11800	286,870
9280	9440	9440	9600	9600	9280	9440	9600	9600	9920	9760	9600	8640	8160	7680	7490	7460	7750	276,830
5486	5334	5239	5033	5678	6227	5729	5468	5074	5796	5022	4787	4461	4241	4198	4667	4521	4537	137,064
6601	6220	6100	6260	7084	8419	8397	8717	8517	7777	7247	6828	6999	5930	5910	6140	6270	6560	281,876
15296	17848	17555	13816	10629	9104	8562	8308	9284	9928	11175	10899	12114	11333	11495	11942	12586	11785	327,078
6544	6834	6187	6405	5535	4700	4942	4969	4717	4632	4615	4825	5036	5266	5255	5317	4972	4676	204,977
5583	5640	5977	6460	6663	6713	7383	8583	10072	11107	11444	11323	10110	9820	9536	10170	11580	11316	254,596
8650	8600	8868	9245	9623	9375	9031	8581	8430	8460	8352	8041	7268	6578	6181	6337	6674	6809	224,865
513156	14742	17174	18739	18115	15158	13165	12974	12930	12541	12865	13949	15565	16723	15919	15515	15115	14000	412,019
79843	10561	11636	13057	15220	16450	16220	15936	13925	13375	13343	16833	18174	14975	11890	10432	10248	10795	376,237
6800	6536	6497	6502	7160	8271	7573	7923	8121	7990	8895	10240	11950	10158	7778	6509	6268	5921	227,005
65179	5011	5100	5142	5186	4675	4490	4074	4020	3888	3711	3338	3312	3040	2876	2505	2306	2130	121,600
510765	10945	11500	11900	12500	13500	14350	14350	13870	12690	11780	11090	10725	10000	10855	11600	11513	10516	350,243
92976	3106	3160	3417	3436	3625	3822	4404	4192	3967	3964	3735	3315	3033	2769	3051	2762	2993	123,965
5310172	13252	16652	19349	20061	17226	13754	10652	8469	8305	7954	7331	8001	9138	9786	8958	8085	7455	390,022
5114770	12847	11587	11522	12190	13145	13409	12700	14513	14995	14810	15145	15975	15944	14976	13632	12294	10471	426,097
896215	6317	6532	6431	6411	6696	6424	7067	7767	8614	9196	9374	8661	6911	5882	5099	4639	4515	179,768
953382	3772	4247	4169	4856	4552	4844	4902	5365	5164	4767	4518	4524	4740	5434	6571	7559	7289	147,623
514646	5265	5201	5228	4870	4208	3632	3266	3062	2718	2828	3154	3577	3752	3550	3494	3274	3405	125,769
4413580	13569	12341	10987	11458	11607	12051	12114	12710	10953	8933	7079	6384	5838	5841	5783	5880	5991	282,088
723373	3814	4758	5068	5745	4621	4861	4866	5561	5879	6017	6201	6925	8055	8577	7771	8254	9359	170,805
583376	3239	3138	3216	3409	3434	3252	3099	2995	2829	2950	2918	2862	2553	2644	2459	2400	2367	102,004
115706	5358	5307	6201	6411	5944	5963	6039	6926	7983	9299	9501	9016	8784	8402	8204	8005	8375	214,264
95113995	14946	14675	12418	10608	9822	9807	8582	7622	6831	6225	6750	7498	8365	9154	9524	9492	9126	312,953
7315755	6329	6530	6276	6467	6706	6535	6045	5598	5827	6462	6098	6658	6286	6269	6315	5787	5017	190,596
20910208	11343	11734	12691	12971	12173	10396	9033	8327	8402	9447	11025	11983	14127	16428	15847	14345	12313	355,657
9205334	5218	5272	5551	5486	5468	5275	4987	4246	4115	3860	3410	3487	3285	3479	3664	4124	4620	170,918
8669587	9164	8237	7997	7395	7081	7261	7275	7288	7106	7107	7859	7933	7868	7286	6819	6630	6476	217,240

BEGINNING 1895

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	4470	4100	3930	3930	4100	3930	4100	3930	3760	3590	3430	3430	3760	3590	3760	3590	3430	3120	2970
1896	27000	27000	32100	29500	27000	24500	24500	25300	23700	25300	22900	22900	29500	35500	32100	32100	32100	31200	30400
1897																	5100	4530	3900
1898	4910	4820	4820	4480	4310	4480	4140	3970	4140	4650	4910	5170	5510	5680	6020	6020	6020	5850	5850
1899	10200	10500	12800	13900	13900	11300	10500	10500	9800	10200	11600	13900	10200	11300	10500	11300	13900	16100	17200
1900	6120	6120	6660	6920	7180	7850	7450	6920	6920	6120	5330	4940	4940	4940	4810	5730	4810	4230	4230
1901	7740	7740	7740	7070	6400	5720	5500	5050	4830	4600	4380	4270	3930	3710	3710	3930	4380	4600	4830
1902	7070	6170	5500	5280	5160	5050	5160	5840	6730	7520	7290	6840	6510	5950	5280	4380	4160	3940	3940
1903	13300	16800	16200	14400	13300	12700	13300	13800	14400	14400	13800	12700	11500	10500	10000	10500	10000	10000	7740
1904	11800	11800	10400	9440	9440	10100	9770	9770	9600	9440	9440	8800	8180	8480	8800	10100	10800	10400	10100
1905	6070	6260	5890	5380	5180	4940	4860	5360	5360	5010	5010	4920	5090	4930	4460	4000	3990	3650	3110
1906	5700	5470	5620	6070	6140	6440	5700	5700	5470	5540	5920	7430	7990	6900	6740	6600	6600	6000	5620
1907	11700	12200	12200	11900	11100	10900	11300	10700	10300	10000	9700	9320	9320	8850	8130	7410	6340	5740	5830
1908	4030	3820	3960	4260	4030	3890	3960	4400	4780	5500	6260	7770	8670	8310	4550	5180	8490	7770	6870
1909	11600	13900	15400	15900	16000	16000	14600	13000	11800	10800	9400	8230	8230	8230	11800	13000	12800	12800	12000
1910	9090	9250	8290	6850	6700	6850	6250	5950	5200	5050	5650	5950	5500	5350	5350	5200	5050	4900	4190
1911	10500	11500	12400	13400	13400	12800	13300	13800	13500	12400	12500	14100	15100	14700	15100	15000	14400	13500	14000
1912	13200	13300	13700	13600	14000	14400	14800	15300	15600	15100	13900	13300	14300	13800	12000	10500	9410	8770	8610
1913	11400	11000	10900	10500	9920	9680	9280	9360	9280	8720	8160	7600	7360	7120	6580	6060	5980	5600	5530
1914	8020	8150	8750	8400	7550	6430	5800	5620	4820	4510	4200	4160	4280	4280	4140	4720	5020	5320	5620
1915	5048	5114	4524	4067	3842	3890	3822	3999	4124	3945	3630	3428	3149	2848	2699	2666	2802	2798	2820
1916	6620	6470	6960	8179	9468	10068	10178	10582	11262	11622	10902	10012	9570	10158	11058	12138	13142	14280	15450
1917	10945	10482	10360	9902	9270	8811	9153	9429	11048	12940	12928	10816	9286	7885	8621	10266	11395	13840	14535
1918	4749	5176	5636	6558	7437	8777	9016	10176	10760	11557	12061	11855	12282	12601	11324	9414	7893	7507	7440
1919	10255	7472	6089	5464	5206	5145	5188	5118	4899	4586	4265	3990	3755	3557	3436	3383	3392	3334	3276
1920	6487	5870	5308	4985	4893	5269	6030	6487	7077	7214	6868	6349	6153	6119	6316	6708	6845	6440	5909
1921	14670	14220	14340	14695	15550	15973	17037	17258	17540	16818	16617	17625	16612	15901	13645	11422	8661	7218	7047
1922	11577	12915	12786	13520	14444	15650	16463	14815	13022	12475	10466	10142	10280	11675	16005	12185	11735	11621	11721
1923	6042	5198	4530	4716	4888	5297	6345	7213	8065	8744	9037	10502	9524	7543	5722	7972	5150	4877	5162
1924	1935	1858	2013	2026	1969	1634	1948	1302	1610	1463	1260	1293	1160	1265	1103	1194	1061	1009	994
1925	8833	8046	7281	6584	5910	5445	4939	4668	4456	4555	4763	4857	4997	5108	5234	5415	5470	5210	5640
1926	2718	2626	2718	2576	2516	2597	2566	2340	2403	2135	1977	1714	1732	1565	1599	1482	1379	1507	1324
1927	6947	6653	6698	7545	8288	9452	12595	15620	19709	15676	14749	16150	16294	15969	15574	14651	13880	12861	12882
1928	8085	8413	7355	6921	6982	7153	6716	6596	6177	5303	5541	5158	4938	4695	4404	4352	4304	3931	3857
1929	4659	4708	3982	4456	4007	3865	4717	5046	5655	5839	5492	5381	5414	5543	5797	6342	7305	6060	4896
1930	6967	4563	4532	4368	4000	3929	4236	5477	6346	5983	6399	6649	6288	5115	4867	4237	4229	4593	4238
1931	3335	3636	3543	3254	2910	2647	2580	2501	2502	2161	2134	2028	1619	2004	1549	1557	1612	1453	1298
1932	5747	5425	5100	5332	6021	8061	7489	6278	5952	6154	6787	7159	8423	8638	9594	11250	10637	9668	8333
1933	11448	12048	12091	12508	11191	9955	10361	9261	9038	11474	11156	11117	11423	12035	12093	12214	11586	9977	8216
1934	2163	2214	1945	1870	2016	1690	1398	1823	2026	1928	1835	1530	1568	1510	1392	1319	1382	1255	995
1935	8859	8727	8204	7712	7596	7983	8495	8603	8779	8648	7399	7437	7305	6893	6609	5901	5174	4585	4679
1936	9965	9828	8690	7783	7050	6627	7284	8334	7421	6245	5807	5408	5523	5579	5326	5307	4841	4555	4223
1937	4446	3857	3969	4140	4323	3737	3532	3159	3329	3796	3510	3291	2979	2708	2697	2762	2797	2776	2610
1938	12041	12283	13053	13791	13719	13699	13906	13723	13000	11393	9451	8936	9236	9148	8857	8741	8587	8585	7465
1939	4184	3820	3378	3153	2996	2798	2702	2364	2324	2327	2259	2226	2131	2218	2211	2269	2305	2220	2001
1940	6577	6623	6228	5771	5412	4936	4592	4410	4362	3753	3865	3782	4243	4395	4385	4048	3864	3613	3570

BEGINNING 1895

JUNE

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3590	3760	3590	3430	3120	2970	3120	3270	3590	4100	4100	4100	4100	3930	3930	3930	3760		112,850
35500	32100	32100	32100	31200	30400	27000	27000	22900	19000	15500	14300	14300	27000	11500	9520	9520		732,140
			5100	4530	3900	3900	3740	3900	4530	3740	3600	3600	3740	3600	3460	3460		207,500
5680	6020	6020	6020	5850	5850	5680	5680	5680	5680	5510	5170	4650	4650	3970	3800	3460		149,680
11300	10500	11300	13900	16100	17200	18700	15000	11300	10500	12000	12000	11300	10500	11300	12200	11300		365,700
4940	4810	5730	4810	4230	4230	4230	4460	4340	3910	3710	3520	3330	2980	2810	2480	2330		150,320
3710	3710	3930	4380	4600	4830	5280	5500	5280	4830	4380	3710	3060	2880	2720	2880	3060		143,710
5950	5280	4380	4160	3940	3940	3740	3550	3550	3550	3740	3550	3190	3030	2730	2660	2520		143,580
10500	10000	10500	10000	10000	7740	7110	6520	6240	6240	5460	5220	5220	5100	4980	4980	4530		300,940
8480	8800	10100	10800	10400	10100	8960	8480	8180	7580	6500	6010	5540	5540	5540	5770	5770		260,530
4930	4460	4000	3990	3650	3110	2930	3120	2990	2930	2880	2880	2770	2670	2560	2390	2240		123,830
6900	6740	6600	6600	6000	5620	5400	5320	5180	5040	4760	4760	4900	5040	5920	5040	4480		173,490
8850	8130	7410	6340	5740	5830	6170	7050	7770	7220	6510	6510	7770	7950	8670	9500	9220		267,280
8310	4550	5180	8490	7770	6870	5830	5660	4860	4400	4250	4180	5020	5830	5420	5100	5340		162,390
8230	11800	13000	12800	12800	12000	11600	9600	9200	8230	8040	7860	7500	7050	7680	7680	7680		327,610
5350	5350	5200	5050	4900	4190	4050	4050	3840	3490	3360	3360	3360	3360	3360	3230	3100		155,180
14700	15100	15000	14400	13500	14000	13900	13100	12500	12300	11200	9500	8750	8150	9160	8400	7970		370,330
13800	12000	10500	9410	8770	8610	8950	9600	9300	8990	9170	8710	8560	8260	7150	6400	6100		338,780
7120	6580	6060	5980	5600	5530	5160	4640	4500	4640	4640	4360	3940	3660	4080	3660	3400		206,710
4280	4140	4720	5020	5320	5620	5320	5020	4720	4140	3870	3730	3640	3540	3450	3360	3270		153,850
2848	2699	2666	2802	2798	2820	2743	2732	2609	2598	2578	2635	2581	2339	2045	1955	1920		95,950
10158	11058	12138	13142	14280	15450	13190	10262	8651	7470	7140	7652	8584	9314	9784	9420	7796		297,382
7885	8621	10266	11395	13840	14535	14566	13453	12962	11684	10531	10248	9269	9101	9485	9517	8933		321,661
12601	11324	9414	7893	7507	7440	7170	6675	6964	6615	6750	5485	4699	4072	3663	3394	3524		231,230
3557	3436	3383	3392	3334	3276	3154	3099	2937	2871	2719	2621	2430	2319	2248	2150	2078		120,436
6119	6316	6708	6845	6440	5909	5372	5213	5177	5181	5128	4799	4317	3859	3554	3342	3465		166,734
15901	13645	11422	8661	7218	7047	7591	7649	8270	8770	9205	9133	8310	6694	6628	7439	6826		359,364
11675	16005	12185	11735	11621	11721	11290	11142	10158	8827	7840	6940	6928	6536	6080	5557	5137		329,932
7543	5722	7972	5150	4877	5162	5152	5247	6730	6028	5878	5423	4917	5132	5037	5765	6268		188,104
1265	1103	1194	1061	1009	994	998	989	984	976	971	925	979	913	848	844	872		38,396
5108	5234	5415	5470	5210	5640	6391	7203	8280	8590	8012	7286	6638	6298	5927	5747	5902		183,685
1565	1599	1482	1379	1507	1324	1439	1382	1332	1274	1083	1116	1047	1244	945	1009	973		52,318
15969	15574	14651	13880	12861	12882	13360	12600	11844	11701	11590	11419	11187	13198	9724	8546	7506		364,868
4695	4404	4352	4304	3931	3857	3787	3733	3868	3825	3952	4065	4047	4042	3394	3358	3328		152,880
5543	5797	6342	7305	6060	4896	4273	3946	4154	4135	4073	3962	3936	4005	3839	3798	3699		142,984
5115	4867	4237	4229	4593	4238	3786	3579	3310	3101	2872	2987	2716	2563	2375	2333	2212		128,850
2004	1549	1557	1612	1453	1298	1261	1337	1121	1178	1172	1026	926	795	664	741	878		55,422
8638	9594	11250	10637	9668	8333	8291	8168	7948	9118	9447	8649	8662	7123	7040	6545	6073		229,112
12035	12093	12214	11586	9977	8216	7127	6552	6375	5944	6374	5249	4887	4988	4345	4269	3797		269,099
1510	1392	1319	1382	1255	995	961	1197	1027	936	1019	758	842	1039	1133	1121	920		42,812
6893	6609	5901	5174	4585	4679	4618	4706	4385	4288	4283	3743	3480	3281	3130	3051	3078		181,631
5523	5579	5326	5307	4841	4555	4223	4012	3697	3637	3379	3178	3153	2967	2866	2489	2357		159,642
2979	2708	2697	2762	2797	2776	2610	2537	2601	2822	2965	2580	2294	2115	1911	1769	1838		89,498
9236	9148	8857	8741	8587	8585	7465	6657	6267	6787	6962	6537	6114	6286	6412	6067	5592		279,069
2131	2218	2211	2269	2305	2220	2001	1968	1876	1831	1649	1757	1602	1697	1532	1407	1516		68,150
4243	4395	4385	4048	3864	3613	3570	3328	3012	2827	2612	2354	2123	2041	1855	1717	1899		113,629

BEGINNING 1895

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	3590	3430	3430	3430	3120	3120	3430	3430	3270	3270	3120	3120	3120	3120	3120	3120	2830	1870	1870
1896	9080	11500	12500	12500	11500	11000	10500	9980	9080	8660	8260	8260	7510	7150	6490	5910	4890	4470	4100
1897	3460	4080	3600	3260	3260	3070	2880	2810	2420	2230	2360	2360	2290	2290	2290	2160	2160	2290	2160
1898	3290	3120	2600	2600	2430	2600	2430	2430	2600	2600	2430	2600	2260	2260	2090	1920	1750	1660	1580
1899	11300	10200	10200	9800	8690	7960	7780	8320	7780	7600	7300	7000	6700	6120	5580	5060	4820	4580	4480
1900	2180	2040	1980	1910	1680	1620	1570	1460	1460	1520	1520	1520	1460	1410	1270	1270	1230	1190	1160
1901	2880	2880	2880	2800	2430	2300	2300	2300	2180	2180	2070	1970	1970	1870	1780	1780	1690	1640	1600
1902	2280	2400	2340	2660	2220	2110	2000	1900	1900	1950	1950	2000	2060	1950	1900	1850	1800	1700	1700
1903	4310	3900	3520	3080	2990	3020	2990	2830	2610	2400	2400	2260	2400	2330	2260	2400	2470	2400	2010
1904	5770	5540	5540	5540	4680	4680	4680	4680	4680	4090	3720	3370	3210	3050	2900	2760	2500	2500	2440
1905	2150	2150	2060	1970	1870	1790	1710	1630	1550	1470	1430	1350	1270	1210	1170	1140	1070	1030	1010
1906	4130	4220	4480	4550	4340	4200	4060	3860	3670	3420	3240	3180	2950	2780	2510	2350	2200	2060	1950
1907	8940	8670	8850	9220	8940	7770	6000	6260	6990	6870	6510	6260	6260	5420	5100	4700	4480	4250	4250
1908	5580	5660	5740	4400	5500	4940	4400	4400	4320	4100	3960	3560	3430	3690	3960	3070	2470	2420	2320
1909	7680	7500	7500	6780	6260	6010	5770	5470	5170	3910	3720	3650	3410	3170	3050	2930	2810	2590	2540
1910	2970	2780	2660	2600	2720	2360	2250	2140	2140	2030	1980	1880	1830	1780	1730	1680	1380	1550	1550
1911	7230	6360	6100	6300	6350	6240	6280	5720	4880	4370	3950	3820	3680	3540	3540	3480	3280	3150	2960
1912	5500	5050	4610	4050	3910	3770	3630	3490	3230	3100	2970	2970	2840	2840	2720	2600	2480	2480	2480
1913	3530	3400	3270	3400	3140	3140	3140	3020	2770	2650	2420	2200	2100	1990	1890	1800	1710	1710	1620
1914	3180	3030	2890	2760	3770	2960	2710	2470	2280	2200	2340	2160	1980	2010	1840	1780	1710	1620	1540
1915	1899	1843	1780	1767	1672	1872	1894	2065	1762	2001	1666	1582	1539	1517	1370	1162	1228	1196	1111
1916	7236	8410	8074	6851	6408	7015	7302	7394	7511	6736	6069	5816	5584	5211	4830	4471	4661	4001	3584
1917	8347	8083	7952	8089	7896	7188	7099	6683	6293	5838	5125	4666	4300	3940	3492	3222	3052	2971	2744
1918	3181	2916	2773	2605	2470	2176	2197	2210	2055	1368	1934	2086	1858	1735	1698	1819	1718	1480	1719
1919	1934	1869	1728	1626	1537	1460	1448	1411	1384	1334	1272	1218	1122	1094	1119	1087	1047	940	914
1920	3529	3574	3425	3139	2987	2825	2654	2470	2315	2167	2047	1998	1990	1889	1752	1589	1537	1431	1424
1921	5928	5285	4216	4407	3896	3750	3922	3772	3731	3650	3313	3645	2956	2907	2538	2670	2392	2293	2277
1922	4597	4132	4014	3657	3499	3258	3454	3009	2946	2656	2512	2506	2385	2241	2007	2334	1919	1936	1861
1923	6345	6011	5031	5109	4710	4275	4065	3834	3931	3472	3246	3702	3204	3249	3091	2602	2790	2609	2362
1924	789	695	686	684	675	629	650	615	615	563	554	590	587	580	561	540	523	522	531
1925	5650	4866	4388	4062	3889	3613	3299	2852	3004	2639	2536	2674	2361	2203	2092	2054	1884	1917	1803
1926	944	957	835	883	851	795	857	776	929	867	821	735	857	628	753	655	753	596	658
1927	7314	6826	6685	6340	5880	5249	5104	5014	4905	4723	4366	4296	4170	3847	3643	3553	3168	3209	2778
1928	2922	3023	2923	2683	2696	2729	2403	2319	2309	2102	2098	2084	1974	1723	1939	1852	1659	1584	1571
1929	3459	3250	2978	2513	2288	2302	1852	2064	1906	1682	1786	1625	1467	1419	1428	1280	1439	1114	1202
1930	2044	1881	1861	1989	1687	1688	1709	1449	1354	1490	1435	1430	1279	1369	1228	1107	1379	1059	950
1931	762	781	730	719	631	652	660	632	657	657	688	627	570	523	604	573	565	396	565
1932	5403	5232	4608	3919	3729	3321	2775	2850	2956	2703	2467	2595	2242	2710	2887	2349	1977	2026	1906
1933	3548	2842	2789	2615	2883	2446	2832	2318	1702	2191	1927	1832	1736	1667	1686	1398	1839	1098	1224
1934	911	1102	585	765	619	735	690	833	718	700	686	518	420	606	591	590	494	600	639
1935	2474	2521	2509	2368	1918	2899	2372	1941	1937	1795	1550	1697	1670	1552	1424	1456	1392	1244	1240
1936	1945	1795	1638	1667	1516	1766	1353	1349	1037	1607	1354	1413	1778	1270	1261	1233	1158	1224	1157
1937	1701	1497	1450	1252	1358	1152	1390	1260	1232	1068	1029	983	944	804	1001	867	918	1084	617
1938	6644	5707	5906	5470	5398	5031	4585	4216	3980	3947	3606	3488	3017	3083	2792	2965	2968	2719	2522
1939	1324	1490	1204	1456	1328	1651	1338	1211	1079	1118	1103	1058	982	887	983	913	817	815	825
1940	1637	1635	1475	1577	1557	1383	1488	1295	1227	1224	1224	1034	1040	937	973	1008	728	894	856

BEGINNING 1895

JULY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3120	3120	3120	2830	1870	1870	1770	1680	1680	1510	1430	1350	1350	1350	1280	1350	1350	1280	76,190
7150	6490	5910	4890	4470	4100	3120	2560	1870	2560	3120	3120	2310	2080	1870	2310	2310	2190	192,760
2290	2290	2160	2160	2290	2160	1900	1840	1640	1980	1840	1770	1640	1640	1580	1510	1380	1440	71,650
2260	2090	1920	1750	1660	1580	1490	1400	1320	1230	1150	1060	978	892	892	892	978	892	58,424
6120	5580	5060	4820	4580	4480	4160	4160	3760	3560	2980	2980	2780	2580	2580	2390	2490	2390	178,080
1410	1270	1270	1230	1190	1160	1100	1080	1080	1050	1050	1120	1120	1050	1050	990	978	960	42,078
1870	1780	1780	1690	1640	1600	1600	1540	1510	1560	1600	1560	1510	1350	1200	1130	1080	1060	58,200
1950	1900	1850	1800	1700	1700	1610	1520	1350	1190	1190	1190	1120	1120	1120	1120	1120	1040	53,360
2330	2260	2400	2470	2400	2010	1950	2010	2130	2010	1900	1900	1780	1780	1570	1470	1380	1330	73,790
3050	2900	2760	2500	2500	2440	2380	2380	2380	2440	2260	2140	1920	1810	1810	1810	1700	1600	100,960
1210	1170	1140	1070	1030	1010	990	970	950	930	880	860	840	820	820	810	780	750	39,430
2780	2510	2350	2200	2060	1950	1780	1660	1590	1660	1740	1410	1370	1310	1300	1260	1240	1200	81,670
5420	5100	4700	4480	4250	4250	4320	4100	3950	3810	3600	3460	3270	3200	3340	3270	3020	2840	167,920
3690	3960	3070	2470	2420	2320	2170	2120	2030	2030	1850	1810	1690	1580	1540	1470	1440	1330	98,980
3170	3050	2930	2810	2590	2540	2370	2200	2150	2050	1970	1870	1820	1970	2080	1820	1680	1500	113,400
1780	1730	1680	1380	1550	1550	1420	1420	1420	1340	1300	1260	1230	1160	1160	1130	1100	1070	55,020
3540	3540	3480	3280	3150	2960	2710	2590	2420	2300	2190	2080	2020	1970	1860	1760	1720	1670	116,520
2840	2720	2600	2480	2480	2480	2250	2250	2030	2030	1830	1830	1640	1640	1550	1460	1830	1930	86,990
1990	1890	1800	1710	1710	1620	1710	1620	1620	1620	2310	3940	3800	3400	3140	2650	2420	2200	79,330
2010	1840	1780	1710	1620	1540	1550	1810	1630	1470	1470	1395	1320	1250	1250	1270	1210	1210	62,065
1517	1370	1162	1228	1196	1111	1102	1041	1007	960	929	892	871	870	845	891	813	849	41,936
5211	4830	4471	4661	4001	3584	3258	3110	2894	2704	2591	2465	2424	2274	2162	2050	1944	1869	146,909
3940	3492	3222	3052	2971	2744	2579	2380	2210	2055	2047	1881	1789	1743	1716	1640	1574	1514	130,108
1735	1698	1819	1718	1480	1719	1651	1566	1585	1272	1111	1283	1265	1192	1118	1054	1241	1327	56,263
1094	1119	1087	1047	940	914	863	888	835	770	762	747	746	729	747	741	743	753	34,868
1889	1752	1589	1537	1431	1424	1360	1333	1270	1243	1180	1119	1109	1116	1140	1042	1046	962	58,662
2907	2538	2670	2392	2293	2277	2086	1840	2042	1872	1694	1812	1677	1600	1436	1345	1389	1354	87,695
2241	2007	2334	1919	1736	1861	1838	1891	1776	1739	1662	1599	1575	1450	1421	1442	1370	1347	74,033
3249	3091	2602	2790	2609	2362	2191	2146	2125	1893	1950	2277	1986	1790	1772	1538	1484	1462	96,252
580	561	540	523	522	531	544	544	544	544	544	544	520	500	470	450	430	425	17,648
2203	2092	2054	1884	1917	1803	1793	1619	1735	2095	1675	1532	1380	1410	1433	1233	1350	1258	76,299
628	753	655	753	596	658	561	471	520	556	464	498	464	446	452	456	526	532	21,096
3847	3643	3553	3168	3209	2778	2887	2756	2365	2375	2078	2229	1979	2061	1834	1808	1930	1649	117,021
1723	1939	1852	1659	1584	1571	1528	1287	1518	1399	1183	1247	1207	1187	1215	1215	1183	1219	57,981
1419	1428	1280	1439	1114	1202	1169	1000	1078	928	1021	968	848	875	875	854	767	804	48,241
1369	1228	1107	1379	1059	950	1042	1003	1042	875	933	830	828	923	860	807	620	712	38,863
523	604	573	565	396	565	447	469	463	460	441	412	416	392	415	253	379	482	17,021
2710	2887	2349	1977	2026	1906	2214	1802	1793	1722	1596	1506	1352	1503	1199	1327	1187	1166	77,022
1667	1686	1398	1839	1098	1224	1286	1230	1006	1160	1119	1054	1000	1020	950	983	951	897	53,229
606	591	590	494	600	639	422	450	442	498	407	423	443	477	419	472	398	447	18,100
1552	1424	1456	1392	1244	1240	1300	1167	1279	1094	962	1048	1041	1032	935	979	950	1364	49,110
1270	1261	1233	1158	1224	1157	1266	1059	1202	1010	1044	1020	999	1059	1000	783	758	819	39,540
804	1001	867	918	1084	617	877	679	774	827	686	719	647	738	682	541	580	636	29,993
3083	2792	2965	2968	2719	2522	2304	2261	2146	1977	1979	1816	1865	1786	1687	1729	1695	1357	100,646
887	983	913	817	815	825	766	710	838	828	856	630	717	685	685	707	600	575	30,179
957	973	1008	728	894	856	825	813	835	705	868	677	673	766	874	800	817	640	32,455

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1895	1280	1210	1210	1210	1210	1140	1140	1140	1070	1070	1070	1070	1070	1070	1070	1010	1010	950	950	9
1896	2190	1870	2190	1770	1680	1680	1590	1590	1590	1510	1510	1350	1280	1210	1210	1210	1210	1070	1070	10
1897	1380	1380	1250	1320	1320	1320	1320	1250	1250	1180	1180	1180	1120	1120	1120	1060	990	990	925	9
1898	892	1060	892	892	892	892	892	892	892	892	892	806	806	806	721	721	550	550	721	7
1899	2390	2060	2060	2060	2060	2060	2200	2390	2390	2060	1940	1940	1760	1700	1700	1700	1700	1580	1520	158
1900	930	920	905	905	895	905	895	895	895	830	822	855	870	880	845	830	845	830	822	83
1901	1060	1060	1060	1050	1010	955	860	758	758	758	800	830	818	830	800	830	818	800	800	81
1902	1040	970	900	900	830	900	900	830	527	575	635	830	865	879	886	865	830	830	830	79
1903	1240	1200	1110	1070	1280	865	905	828	828	828	828	828	790	790	790	768	828	752	752	71
1904	1560	1500	1500	1500	1450	1600	1550	1660	1660	1160	1160	1120	1120	1120	1100	1070	1100	1070	1100	1070
1905	820	760	760	760	760	760	700	675	650	650	650	650	650	625	625	625	625	625	625	600
1906	1160	1110	1160	1160	960	920	920	880	845	810	780	750	810	840	810	750	750	725	675	700
1907	2670	2500	2450	2340	2140	2040	1940	1900	1800	1760	1720	1640	1600	1520	1480	1440	1400	1360	1320	1320
1908	1330	1400	1160	1330	1160	1190	1220	1160	1190	960	990	1050	930	960	1220	1050	1080	990	990	960
1909	1590	1500	1410	1320	1310	1270	1230	1190	1190	1190	1110	1070	1030	1000	960	930	950	920	920	950
1910	1070	1040	1020	990	990	990	965	965	940	940	915	890	890	890	890	890	890	890	870	850
1911	1580	1540	1540	1500	1460	1410	1340	1370	1340	1300	1260	1260	1200	1200	1160	1130	1130	1100	1100	1100
1912	2360	2250	2030	2030	1830	1640	1550	1460	1460	1380	1300	1300	1300	1230	1230	1230	1160	1160	1160	1160
1913	1990	1890	1800	1710	1710	1800	1710	1620	1620	1540	1460	1380	1380	1310	1310	1310	1230	1160	1160	1160
1914	1210	1210	1140	1280	1210	1140	1140	1070	1000	1000	1000	1000	937	937	937	873	873	873	873	873
1915	939	897	840	791	762	748	747	729	707	693	679	679	651	640	636	640	618	577	582	588
1916	1807	1734	1667	1620	1568	1512	1463	1423	1391	1368	1322	1294	1264	1239	1207	1198	1251	1277	1390	1287
1917	1464	1400	1363	1371	1302	1273	1238	1203	1150	1096	1066	1035	1008	997	971	969	1010	1093	1076	1007
1918	994	1055	1032	1121	1073	846	851	901	893	958	916	830	814	895	875	964	1064	1021	981	893
1919	740	678	642	607	607	627	643	649	666	628	613	628	670	667	624	621	585	593	563	556
1920	924	882	831	767	713	702	782	740	765	693	693	645	621	578	553	571	579	595	558	526
1921	1388	1333	1387	1280	1111	1226	1195	1289	1231	1285	1257	1328	1109	1069	1074	996	975	998	928	802
1922	1349	1373	1328	1420	1572	1481	1330	1250	1070	1104	1129	1074	1003	980	989	926	961	943	987	935
1923	1490	1290	1417	1278	1177	1097	1273	1407	1117	985	1221	1182	1091	1055	854	1103	1030	898	829	1027
1924	427	439	404	408	404	404	407	385	410	379	384	392	386	366	376	376	370	370	370	413
1925	1118	1146	1078	1167	1157	1061	1006	1093	1058	934	951	982	1177	1208	1278	1096	1073	974	1004	1023
1926	387	451	277	569	411	438	479	459	545	571	486	507	514	452	506	399	438	462	658	782
1927	1622	1590	1393	1451	1443	1470	1262	1288	1217	1078	1288	1178	1165	1380	1423	1498	1297	1284	1323	1089
1928	1072	1177	1104	1005	1114	979	1050	1168	1031	847	845	742	841	761	834	767	802	641	840	887
1929	796	833	842	755	747	603	291	499	564	691	646	578	580	539	394	492	490	409	562	553
1930	682	685	621	820	717	686	759	665	837	624	1073	836	1061	848	974	904	783	798	738	764
1931	454	493	422	360	400	326	400	347	347	402	401	456	473	429	310	464	401	390	388	381
1932	1199	1187	1177	1074	1123	1136	1169	986	999	1014	1022	928	1006	849	960	873	836	843	779	734
1933	873	878	884	862	868	785	698	796	772	783	725	720	666	673	702	684	783	687	678	600
1934	435	506	437	436	422	431	394	271	308	380	344	415	370	450	380	366	362	384	310	368
1935	454	841	886	808	849	712	714	791	673	660	587	663	540	559	399	810	494	671	656	572
1936	883	911	883	803	677	787	701	676	572	737	783	947	954	844	932	823	519	608	624	518
1937	439	506	582	401	513	428	497	398	605	461	405	427	436	324	320	365	423	367	417	333
1938	1738	1338	1449	1334	1448	1374	1232	1172	1220	1193	1172	1103	1073	1101	1192	1171	1099	996	1093	1054
1939	733	675	514	550	623	423	502	498	516	559	400	547	519	559	359	443	326	408	402	316
1940	759	682	590	657	722	589	626	418	574	494	404	547	410	499	564	400	381	416	497	391

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

AUGUST

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
070	1070	1010	1010	950	950	950	950	890	890	890	890	890	890	950	890	890	890	31,810
210	1210	1210	1210	1070	1070	1010	1010	950	1010	1010	950	1010	950	1010	1010	1070	1210	40,980
120	1120	1060	990	990	925	925	860	795	860	860	860	990	990	990	990	990	860	33,625
806	721	721	550	550	721	721	721	721	550	550	550	550	550	550	550	636	550	22,860
1700	1700	1700	1700	1580	1520	1580	1700	1820	1820	1700	1580	1460	1400	1220	1220	1100	1100	54,970
880	845	830	845	830	822	830	822	822	855	880	905	870	855	855	822	830	830	26,750
830	800	830	818	800	800	818	830	830	800	800	740	770	740	788	770	800	770	26,111
879	886	865	830	830	830	795	795	774	760	760	760	728	728	728	695	695	708	24,748
790	790	768	828	752	752	715	715	715	715	715	715	752	790	865	905	828	790	26,500
1120	1100	1070	1100	1070	1100	1070	1160	1160	1160	840	840	750	682	682	682	930	930	35,986
625	625	625	625	625	625	600	600	580	580	580	580	580	580	580	560	560	560	19,935
840	810	750	750	725	675	700	700	750	845	920	880	780	780	725	780	780	750	26,205
1520	1480	1440	1400	1360	1320	1320	1280	1210	1280	1320	1400	1400	1400	1400	1320	1240	1210	50,800
960	1220	1050	1080	990	990	960	990	990	1020	990	900	900	870	870	870	870	870	32,460
1000	960	930	950	920	920	950	850	820	790	790	820	760	730	705	780	910	850	31,845
890	890	890	890	890	870	850	830	850	830	830	830	830	850	830	850	830	850	27,985
1200	1160	1130	1130	1100	1100	1100	1070	1070	1070	1070	1040	1040	1020	1020	1020	1020	993	37,453
1230	1230	1230	1160	1160	1160	1160	1160	1100	1040	1040	1040	1040	1040	1040	990	990	990	41,690
1310	1310	1310	1230	1160	1160	1160	1160	1020	1020	1020	1020	1020	1020	1020	1020	956	956	41,482
937	937	873	873	873	873	873	873	812	812	806	800	794	788	782	776	776	776	29,371
640	636	640	618	577	582	588	582	578	579	598	620	595	591	569	534	536	538	20,463
1239	1207	1198	1251	1277	1390	1287	1234	1187	1138	1081	1055	1021	1002	1000	983	1052	1016	40,051
997	971	969	1010	1093	1076	1007	967	925	905	881	849	831	874	862	827	809	790	32,612
895	875	964	1064	1021	981	893	820	700	809	925	848	850	807	817	879	930	784	28,146
667	624	621	585	593	563	556	546	537	543	522	494	492	482	484	490	502	503	18,202
578	553	571	579	595	558	526	480	504	553	624	620	592	604	632	657	670	639	20,293
1069	1074	996	975	998	928	802	906	762	879	619	748	831	780	747	551	687	683	31,454
980	989	926	961	943	987	935	910	883	862	827	804	825	846	836	854	867	887	32,605
1055	854	1103	1030	898	829	1027	1612	1212	1070	1135	684	1051	892	884	815	779	821	33,776
366	376	376	370	370	370	413	461	431	415	401	387	374	365	361	386	381	381	12,213
1208	1278	1096	1073	974	1004	1023	908	901	817	802	874	754	750	664	821	735	755	30,365
514	452	506	399	438	462	658	782	639	553	536	487	499	508	474	489	441	509	15,429
165	1380	1423	1498	1297	1284	1323	1089	1147	1025	1040	925	978	867	950	938	724	920	37,227
841	761	834	767	802	641	840	887	658	702	673	687	671	612	713	623	695	645	25,923
580	539	394	492	490	409	562	553	535	482	502	523	389	502	625	609	579	652	17,858
1061	848	974	904	783	798	738	764	725	661	569	574	540	577	540	640	564	731	22,461
473	429	310	464	401	390	388	381	363	354	355	360	360	355	360	347	361	361	11,976
1006	849	960	873	836	843	779	734	739	800	796	859	691	684	727	914	865	952	28,762
666	673	702	684	783	687	678	600	563	555	692	510	699	674	713	643	626	533	21,982
370	450	380	366	362	384	310	368	356	333	337	474	346	321	323	353	318	404	11,785
540	559	399	810	494	671	656	572	548	510	549	432	519	521	472	602	560	556	19,029
954	844	932	823	519	608	624	518	608	619	596	600	596	614	589	544	527	509	21,677
436	324	320	365	423	367	417	333	357	338	247	342	386	444	462	447	381	457	12,974
1073	1101	1192	1171	1099	996	1093	1054	959	1167	1093	1113	1000	1066	952	940	971	896	35,595
519	559	359	443	326	408	402	316	300	426	398	354	453	340	383	399	450	428	14,227
410	499	564	400	381	416	497	391	496	470	368	481	370	540	451	435	364	405	15,404

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1895	830	830	830	890	890	890	890	890	890	950	1070	1070	1070	1070	1140	1140	1070	1010	950	10
1896	1210	1210	1070	1010	950	950	950	890	890	890	950	950	890	950	950	950	890	890	830	8
1897	860	990	990	990	1120	1120	1120	990	990	1120	1120	1120	1250	1250	1120	1120	1120	990	990	9
1898	550	550	636	636	636	636	636	636	636	721	721	721	721	721	721	721	721	636	550	5
1899	1340	1340	1340	1340	1280	1220	1220	1220	1220	1220	1220	1100	1100	1100	1220	1280	1160	1100	1100	110
1900	810	810	802	810	930	990	905	855	855	870	905	822	822	810	830	810	822	830	870	85
1901	770	770	770	830	830	800	800	800	800	770	770	740	770	770	770	800	770	800	770	77
1902	728	728	695	695	665	665	653	635	635	665	695	665	635	665	695	665	635	665	695	69
1903	828	752	715	715	715	715	715	715	715	715	715	828	945	945	945	905	828	790	715	71
1904	840	622	622	622	622	622	280	280	280	280	840	840	840	840	840	840	840	750	795	75
1905	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	580	580	580
1906	750	750	780	725	700	700	675	675	675	675	675	675	780	810	750	725	700	700	675	675
1907	1210	1240	1240	1280	1210	1240	1180	1100	1070	1040	1070	1100	1070	1040	1040	1000	1000	965	1000	965
1908	870	840	810	810	782	810	840	990	930	870	900	930	900	870	840	930	990	1260	1120	1020
1909	1020	1170	1250	750	1050	1170	1170	1090	1010	940	970	970	1000	910	870	840	840	840	840	840
1910	830	850	850	850	830	850	830	830	810	810	780	780	780	810	965	1100	1380	1230	1230	1100
1911	993	969	969	969	993	1020	1070	1070	1070	1020	993	993	969	969	947	947	969	969	969	993
1912	1040	1100	1040	1230	1300	1160	1160	1160	1160	1100	1040	1160	1160	1160	1100	1100	1100	1160	1160	1100
1913	956	892	956	956	892	892	892	892	956	1160	1020	956	892	892	830	830	830	892	892	886
1914	718	718	718	718	718	718	718	718	718	718	718	718	836	836	1030	1170	1100	1100	1100	1030
1915	678	868	753	675	660	653	646	619	624	627	632	609	679	682	656	665	648	630	631	607
1916	976	944	940	969	962	944	933	916	929	1025	1006	988	957	925	917	905	880	855	843	843
1917	781	766	783	754	741	731	725	713	698	683	694	701	705	765	772	736	715	699	679	667
1918	752	718	858	725	659	520	623	619	655	878	1037	1044	856	912	900	1008	927	948	936	1527
1919	502	493	503	511	511	500	504	524	542	546	523	495	470	464	491	523	581	736	797	739
1920	684	653	657	590	517	473	464	519	544	555	565	588	528	570	620	725	708	673	749	638
1921	756	718	733	730	774	842	721	686	726	680	693	632	748	867	847	767	717	751	839	883
1922	940	969	947	927	905	865	845	823	807	801	797	793	767	756	735	715	715	715	745	785
1923	832	859	770	817	766	797	714	631	716	685	679	628	753	645	701	697	652	598	640	638
1924	386	381	381	390	377	395	390	391	385	394	385	380	386	382	388	388	388	387	402	434
1925	743	736	669	658	544	686	825	1055	950	903	805	796	816	768	832	856	833	770	731	768
1926	529	509	506	479	493	456	481	460	469	460	456	460	460	460	461	490	526	521	483	503
1927	803	929	909	835	971	752	768	782	838	864	972	1120	976	1069	1143	1009	1057	859	934	889
1928	717	545	682	590	592	665	619	629	718	646	691	703	868	880	793	716	697	662	640	735
1929	546	547	535	458	491	525	595	406	783	574	518	585	504	407	381	515	476	393	448	450
1930	621	537	467	526	584	737	508	562	599	562	552	783	772	676	664	589	555	602	567	574
1931	347	346	346	346	339	331	339	325	326	360	355	370	373	377	384	384	379	375	374	379
1932	828	894	841	764	734	654	677	703	656	724	601	921	778	745	793	501	892	550	650	642
1933	700	611	527	697	671	600	556	623	656	521	674	475	577	503	534	677	736	693	611	744
1934	485	423	354	374	376	384	381	378	380	378	367	470	405	350	465	501	498	633	520	376
1935	453	507	447	547	552	625	519	516	505	517	527	465	460	508	487	500	499	538	461	482
1936	666	646	664	707	805	356	826	706	682	670	630	630	592	622	809	607	601	688	584	597
1937	490	488	398	390	487	407	522	472	387	352	385	453	184	300	342	555	267	438	391	447
1938	884	992	794	943	767	849	776	900	868	822	791	792	832	669	836	690	784	732	749	710
1939	445	432	431	477	486	475	488	440	502	461	514	384	538	649	629	599	627	621	585	551
1940	378	527	547	523	797	653	676	617	644	650	599	573	574	787	698	696	661	649	684	822

BEGINNING 1895

SEPTEMBER

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
70	1070	1140	1140	1070	1010	950	1010	950	950	950	950	1010	1010	950	950	950	950		29,000
90	950	950	950	890	890	830	890	890	830	890	1010	1070	1040	1010	1010	950	890		28,750
50	1250	1120	1120	1120	990	990	990	1120	1120	1120	1120	1120	860	860	860	860	860		31,260
721	721	721	721	721	636	550	550	550	550	721	636	721	636	636	636	721	721		19,584
100	1100	1220	1220	1160	1100	1100	1100	1100	1050	1050	1050	1050	986	986	986	986	986		34,450
822	810	830	810	822	830	870	855	845	830	845	830	855	870	888	880	870	880		25,606
770	770	770	800	770	800	770	770	830	860	920	990	990	976	976	890	890	860		24,852
633	663	693	663	635	665	695	695	695	695	695	695	695	695	695	695	695	728		20,457
943	943	943	903	828	790	715	715	715	752	730	715	715	715	715	828	828	828		23,172
840	840	840	840	840	750	795	750	840	750	840	840	840	840	930	930	930	930		21,915
560	560	560	560	560	580	580	580	580	580	580	580	600	600	625	625	650	650		17,330
780	810	750	725	700	700	675	675	650	625	625	625	625	625	625	625	625	625		20,545
1070	1040	1040	1000	1000	965	1000	965	930	965	930	930	900	900	870	810	870	870		31,035
900	870	840	930	990	1260	1120	1020	990	960	930	930	930	960	990	930	930	900		27,762
1000	910	870	840	840	840	840	840	780	790	850	850	880	850	850	920	1070	1230		28,610
780	810	965	1100	1380	1230	1230	1100	1040	990	940	940	965	965	965	965	965	965		28,195
969	969	947	947	969	969	969	993	993	993	993	993	993	993	993	993	993	1020		29,818
1160	1160	1100	1100	1100	1160	1160	1100	1040	1040	1040	1040	1040	1040	1040	1040	1040	990		33,040
892	892	830	830	830	892	892	886	880	873	1000	867	861	918	855	849	842	836		27,145
836	836	1030	1170	1100	1100	1100	1030	1100	1030	963	963	963	898	898	898	898	898		26,327
679	682	656	665	648	630	631	607	607	597	594	596	592	600	839	772	708	689		19,836
937	925	917	905	880	855	843	843	836	831	821	814	814	814	820	808	809	819		26,843
705	765	772	736	715	699	679	667	647	655	720	951	829	773	739	719	690	744		21,975
856	912	900	1008	927	948	936	1527	817	791	822	834	894	911	889	841	825	835		25,561
470	464	491	523	581	736	797	739	712	605	624	616	619	614	609	599	592	586		17,131
528	570	620	725	708	673	749	638	630	630	648	733	801	851	841	824	815	824		19,617
748	867	847	767	717	751	839	883	1037	1108	1031	901	933	842	834	855	885	856		24,392
767	756	735	715	715	715	745	785	756	756	756	783	762	762	749	752	769	790		23,987
753	645	701	697	652	598	640	638	645	638	652	670	581	691	875	925	843	735		21,473
386	382	388	388	388	387	402	434	455	468	458	454	463	531	521	517	508	495		12,660
816	768	832	856	833	770	731	768	877	874	746	823	771	833	744	811	766	662		23,651
460	460	461	490	526	521	483	503	498	499	499	499	509	502	521	521	510	520		14,740
976	1069	1143	1009	1057	859	934	889	853	1022	792	915	850	1136	896	998	1338	1506		28,785
868	880	793	716	697	662	640	735	690	642	680	615	595	479	307	261	317	634		19,008
504	407	381	515	476	393	448	450	535	513	518	553	570	562	652	602	629	630		15,901
772	676	664	589	555	602	567	574	499	499	563	810	691	583	638	556	467	682		18,025
373	377	384	384	379	375	374	379	430	452	434	430	507	557	524	489	474	518		11,970
770	745	793	501	892	550	650	642	863	672	657	657	679	627	679	679	651	653		21,365
577	503	534	677	736	643	611	744	569	594	562	708	671	805(-2280)	693	704	688		16,100	
405	350	465	501	498	633	520	376	403	378	384	442	495	485	484	516	485	466		13,036
460	508	487	500	499	538	461	482	421	409	472	414	488	497	630	521	515	508		14,990
592	622	809	607	601	688	584	597	631	608	434	629	641	598	633	659	624	635		19,180
184	300	342	555	267	438	391	447	474	484	481	508	482	463	462	458	439	467		12,873
832	669	836	690	784	732	749	710	693	741	733	733	674	721	708	703	766	803		23,455
538	649	629	599	627	621	585	551	596	570	473	561	518	519	445	446	374	382		15,218
574	787	698	696	661	649	684	822	853	727	751	715	650	658	581	618	672	794		19,774

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	950	950	950	950	890	890	890	890	950	950	950	950	950	950	890	890	890	890	950
1896	890	950	830	830	890	830	950	890	830	830	890	830	830	830	890	830	830	890	890
1897	860	925	925	925	925	925	990	925	925	990	1060	1120	1120	1060	1060	990	990	1060	990
1898	550	636	721	721	721	721	721	721	721	892	978	892	892	978	892	892	892	892	892
1899	986	986	986	986	986	986	986	1050	1050	1050	1050	1100	1100	1160	1160	1160	1220	1460	1880
1900	880	930	930	930	1050	1120	990	960	930	930	930	930	920	920	905	905	880	905	1020
1901	860	860	941	990	1020	1080	990	1020	990	890	890	890	890	890	890	878	860	860	860
1902	728	728	708	708	695	695	695	695	695	695	695	695	695	695	695	695	695	695	695
1903	865	905	905	945	1020	1200	1200	1110	1110	1020	1020	1110	1070	1070	1020	945	945	865	865
1904	930	885	750	682	750	840	930	930	975	1020	1020	1020	975	930	930	1120	1120	1120	1160
1905	650	650	625	625	625	600	600	650	650	675	675	675	675	700	700	730	760	730	700
1906	625	600	625	675	725	725	700	650	650	625	625	650	700	675	625	675	700	725	700
1907	900	900	900	900	900	900	900	900	930	965	900	870	965	1110	965	965	930	930	930
1908	870	870	870	900	900	900	870	870	840	840	840	840	870	900	2580	2030	1470	1330	1220
1909	1070	1030	950	1030	1120	1120	1120	1120	1080	1030	1000	1000	970	930	930	950	950	950	990
1910	965	965	990	1340	1300	1100	1070	1040	1020	1020	990	990	990	990	990	990	1020	1130	1040
1911	990	1095	1140	1095	1060	1060	1095	1035	1010	1060	1265	1170	1170	1170	1170	1110	1095	1060	1060
1912	990	990	990	990	1070	1230	1160	1100	1130	1100	1070	1070	1070	1040	1040	1040	1040	1040	1040
1913	836	830	824	824	824	824	1080	1370	1300	1150	1080	1080	1150	1220	1080	1020	1080	1020	1020
1914	898	961	1170	1100	1030	1030	1030	1030	1030	1030	1100	1030	1030	1030	961	961	961	1170	1410
1915	635	663	665	710	697	686	677	672	664	672	682	666	695	702	708	700	691	696	687
1916	909	1009	980	954	949	925	988	1077	1003	984	1022	1038	987	964	941	933	934	941	940
1917	732	730	721	721	719	705	696	701	698	698	692	687	690	690	726	775	764	772	714
1918	867	891	909	893	817	576	1013	1346	1312	1178	1095	1049	1024	980	968	1009	1127	1245	1186
1919	611	838	973	1080	972	875	822	817	815	841	774	763	719	749	723	750	784	813	768
1920	828	823	803	786	746	730	766	839	886	903	1048	1180	1288	1203	1230	1215	1190	1079	1037
1921	865	872	890	879	858	937	961	861	878	975	1002	908	835	786	728	645	750	1022	934
1922	789	783	791	764	764	764	771	785	785	764	757	778	835	880	831	803	794	773	794
1923	841	762	732	738	1013	1078	1043	1393	1199	1087	1001	945	912	827	804	961	973	1019	1010
1924	483	476	521	657	576	550	540	533	541	538	610	621	596	584	590	586	549	596	565
1925	961	832	768	731	866	899	1252	1035	991	943	808	1069	1220	1009	1030	1179	1131	948	990
1926	553	544	538	549	529	530	525	528	528	538	528	556	540	523	560	571	569	591	524
1927	1297	1306	1228	1273	1299	1173	807	1426	1131	1052	1082	1009	930	886	1071	861	845	755	723
1928	642	667	663	636	845	925	884	771	814	808	811	811	860	850	840	846	840	819	771
1929	580	607	590	562	563	510	620	581	630	598	600	598	697	688	798	669	662	720	663
1930	861	1023	1048	991	790	869	985	900	1655	1374	1028	1058	826	877	806	785	748	654	693
1931	486	460	448	441	426	442	466	485	417	451	465	456	444	446	437	456	506	501	478
1932	644	533	766	594	614(-2566)	699	769	804	760	756	727	715	708	714	686	695	907	892	698
1933	666	616	627	667	632	637	626	610	592	910	953	797	729	599	761	833	592	591	587
1934	471	419	443	479	483	474	466	607	571	537	556	515	451	378	539	550	556	554	560
1935	518	518	491	516	493	498	498	515	496	517	516	532	535	541	534	474	521	577	581
1936	620	626	602	578	580	608	592	617	605	627	573	556	746	641	585	654	631	638	638
1937	466	480	470	497	471	483	434	540	485	524	516	509	494	491	491	520	885	1130	924
1938	808	931	997	1136	1012	891	935	960	946	899	952	865	979	924	906	1155	1261	1207	1142
1939	475	654	683	672	658	712	837	853	725	697	658	661	663	618	602	628	622	614	602
1940	773	929	1193	1252	1102	1023	883	878	827	830	738	791	764	720	783	667	728	730	682

BEGINNING 1895

OCTOBER

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1	830	890	890	890	890	950	950	890	890	890	950	950	950	890	890	890	890	920	28,520
2	830	890	830	830	890	890	830	830	890	890	890	830	830	950	950	950	830	1010	27,110
3	1060	1060	1060	990	990	1060	925	990	990	990	1120	1250	1250	1120	1060	1060	1060	1060	31,710
4	978	892	892	892	892	892	892	892	892	978	978	892	892	978	978	978	978	978	26,631
5	1160	1160	1160	1220	1460	1880	2060	2390	2060	1940	1820	1580	1460	1460	1460	1460	1460	1340	41,832
6	920	905	905	880	905	1020	1020	1360	1190	1410	1230	1120	1120	1120	1070	1080	1050	1050	31,785
7	890	890	878	860	860	860	860	860	878	860	860	860	860	860	955	990	920	920	28,232
8	695	695	695	695	695	695	695	695	728	760	830	900	900	865	830	795	760	760	22,815
9	1070	1020	945	945	865	865	865	865	865	865	865	842	790	790	828	842	842	828	29,277
10	930	930	1120	1120	1120	1160	1020	1020	948	930	930	930	930	975	930	930	930	930	29,490
11	700	700	730	760	730	700	675	700	730	730	760	790	760	730	730	730	730	730	21,490
12	675	625	675	700	725	700	700	700	700	700	700	700	700	700	725	725	725	725	21,175
13	1110	965	965	930	930	930	930	930	930	930	930	900	900	900	965	965	965	1040	28,945
14	900	2580	2030	1470	1330	1220	1260	1400	990	1120	1080	1080	1080	1080	1080	1080	1080	1080	34,220
15	930	930	930	950	950	990	1100	1070	1030	990	990	990	990	950	990	1030	990	1110	31,570
16	990	990	990	1020	1130	1040	1020	1020	990	990	990	965	965	965	940	940	940	940	31,605
17	1170	1170	1110	1095	1060	1060	1060	1035	1035	1035	1035	1060	1060	1060	1035	1010	990	1010	33,335
18	1040	1040	1040	1040	1040	1040	1040	1040	990	1070	1100	1040	1040	1100	1300	1265	1135	1100	33,480
19	1220	1080	1020	1080	1020	1020	1020	1080	1080	1020	1020	1020	1020	1020	1020	950	950	950	31,762
20	1030	961	961	961	1170	1410	1330	1410	1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	34,842
21	695	702	708	700	691	696	687	679	683	680	668	681	690	707	708	695	693	700	21,205
22	987	964	941	933	934	941	940	919	926	922	902	898	934	936	936	939	922	921	29,553
23	690	690	726	775	764	772	714	779	791	760	778	774	789	800	805	785	789	643	23,002
24	980	968	1009	1127	1245	1186	1102	1088	1153	1015	984	985	969	930	1017	1098	1169	1151	32,146
25	749	723	750	784	813	768	727	742	727	725	718	750	717	694	653	661	678	705	23,984
26	1203	1230	1215	1190	1079	1037	1088	1038	1035	990	980	956	925	928	933	935	800	795	29,983
27	835	786	728	645	750	1022	934	972	921	908	912	821	904	869	958	1057	923	993	27,746
28	880	831	803	794	773	794	796	796	800	1155	1017	984	1063	992	906	1058	719	793	26,084
29	827	804	961	973	1019	1010	943	973	973	1402	1287	1064	1033	1005	968	977	908	925	30,796
30	596	584	590	586	549	596	565	603	563	557	561	540	550	538	544	683	1314	1303	19,609
31	1220	1009	1030	1179	1131	948	990	952	861	920	848	844	827	900	872	799	840	993	29,212
32	540	523	560	571	569	591	524	562	592	570	571	523	587	570	565	664	691	610	17,441
33	886	1071	861	845	755	725	1091	708	820	1036	1094	1019	1098	1381	1510	1409	1196	1386	33,902
34	830	840	846	840	819	771	800	674	943	800	779	713	760	794	780	870	900	1012	24,928
35	697	688	798	669	662	720	663	670	645	644	631	631	631	635	637	689	648	650	19,678
36	886	877	806	785	748	654	693	638	688	734	917	771	803	842	815	729	821	746	27,256
37	444	446	437	456	506	501	478	488	518	508	573	639	639	637	654	602	556	596	15,712
38	715	708	714	686	695	907	892	698	879	627	705	1101	761	682	752	760	723	881	19,571
39	599	761	833	592	591	587	597	609	595	610	616	598	591	580	592	603	650	1186	20,842
40	431	378	539	550	556	554	560	566	575	619	717	760	1020	997	877	757	720	697	18,613
41	535	541	534	474	521	577	581	554	556	481	636	585	574	671	621	548	575	571	16,808
42	746	641	585	654	631	638	638	656	618	727	640	633	716	696	702	757	672	656	19,886
43	494	491	491	520	885	1130	924	730	680	634	624	612	602	521	570	598	576	563	18,113
44	979	924	906	1155	1261	1207	1142	1082	1067	996	956	910	932	852	877	951	906	906	30,313
45	663	618	602	628	622	614	602	619	656	627	629	699	639	632	631	583	503	852	20,237
46	764	720	783	667	728	730	682	710	757	695	685	795	884	1025	973	944	941	889	26,584

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

NOVEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	950	950	950	950	890	890	720	890	950	950	950	950	950	950	1010	1010	1010	950	950
1896																			
1897	1060			990				990			1060								
1898	978	978	1060	1060	978	978	978	978	978	978	978	721	721	721	721	721	892	1150	1060
1899	1340	1340	1220	1340	1340	1340	1340	1460	1400	1340	1520	1760	1820	1700	1580	1700	1640	1580	1580
1900	1120	1120	1120	1120	1120	1120	1050	1050	1050	1020	990	960	990	990	990	990	990	1050	1050
1901	920	920	920	890	920	920	890	890	890	890	890	848	890	848	890	890	860	860	860
1902	760	760	760	760	795	830	900	984	1000	1000	1040	1040	1000	970	900	830	900	970	970
1903								828		828									
1904																			
1905	730	700	700	675	675	650	650	675	700	675	675	675	675	675	675	675	675	675	675
1906	750	750	750	750	780	780	810	810	845	880	880	810	1060	2350	2620	5250	2110	1470	1200
1907	1040	1000	965	965	930	900	930	930	900	900	870	840	870	900	900	870	900	930	840
1908	1120	1120	1120	1080	990	990	990	1020	990	990	990	1020	1020	960	930	755	870	990	990
1909	1190	1360	1360	1360	1310	1270	1270	1110	1150	1230	1390	1230	1150	1190	1070	990	1070	1150	1570
1910	940	940	940	940	915	890	965	990	1160	1160	1230	1730	1600	1230	1160	1100	1100	1160	1160
1911	1010	1010	990	1010	1060	1085	1085	1110	1230	1170	1060	930	970	1170	1300	1495	1300	1495	1230
1912	1015	1015	1100	1130	1100	1160	1300	1265	1230	1265	1300	1230							
1913	950	1080	1150	1080	1080	2080	2190	1610	1530	1450	1530	1790	1530	1370	1300	1300	1300	1220	1220
1914	1170	1100	1100	1100	1100	1100	1030	1030	961	961	961	1030	1030	961	780	830	890	731	839
1915	662	668	670	672	673	664	684	695	712	701	684	725	721	731	769	919	771	781	797
1916	922	918	916	906	899	913	901	873	883	905	854	733	622	824	1037	1057	1052	1052	1129
1917	932	773	924	887	795	896	786	786	792	780	786	774	822	822	792	804	807	1103	915
1918	1210	1166	1148	1056	1053	1032	1026	977	980	967	964	932	925	941	950	1005	1030	1037	994
1919	758	843	1035	1247	1430	1485	1424	1237	1054	964	931	906	888	821	783	806	889	969	985
1920	779	877	869	869	886	886	888	907	921	895	824	787	806	868	914	898	1063	1444	1837
1921	925	925	830	876	884	886	869	869	920	898	803	874	795	871	877	933	777	783	786
1922	865	924	830	794	764	734	769	869	1000	914	962	944	823	876	598	776	807	1013	1070
1923	904	890	933	837	903	899	876	855	866	884	895	827	851	838	856	828	821	835	809
1924	1017	1180	937	902	1000	987	806	839	619	775	912	875	775	659	709	765	652	629	568
1925	767	777	952	828	684	775	671	797	826	829	1072	920	949	864	761	838	932	891	852
1926	525	552	556	523	568	528	681	709	709	595	695	907	1016	891	771	838	969	851	852
1927	1131	1031	1132	1021	1235	1083	1309	1533	1649	4067	4329	2886	2420	2343	2191	1743	2746	2905	2331
1928	1003	866	994	887	899	955	961	795	904	875	900	776	762	811	909	814	783	852	611
1929	653	650	650	577	678	581	655	555	616	561	561	752	613	529	535	601	567	674	686
1930	700	819	650	822	667	747	753	695	716	801	860	797	709	961	693	681	769	777	784
1931	515	518	522	526	476	516	526	648	591	646	582	489	444	474	558	616	614	536	506
1932	678	646	3322	826	764	884	1017	937	959	1148	949	778	853	897	822	794	908	937	1050
1933	1213	993	848	848	729	828	807	803	748	777	780	751	737	733	757	745	706	764	918
1934	753	761	823	728	687	860	1028	987	1062	872	847	781	717	775	680	673	693	778	954
1935	496	607	650	606	573	589	648	652	665	696	607	618	725	156	1050	544	767	750	755
1936	731	650	599	488	696	770	730	680	575	620	546	664	637	605	688	587	736	742	642
1937	582	596	653	629	649	555	541	556	639	664	659	655	661	729	818	777	754	851	613
1938	1001	1201	1065	1606	2113	1509	1129	1117	1264	1276	1188	890	851	1318	1111	1031	1349	1343	1099
1939	763	706	660	733	754	711	630	657	663	689	562	647	624	714	665	612	658	525	580
1940	1063	1136	1416	1253	1222	961	1092	1268	1206	1124	1056	952	930	633	780	963	924	1012	1083

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

NOVEMBER

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	950	1010	1010	1010	950	950	950	950	890	770	770	770	890	950	770	950	1010		27,490
																			30,650
		990			1250				1120			1250				990			32,050
1	721	721	721	892	1150	1060	1150	1060	1060	892	892	892	892	892	892	892	978		28,121
0	1700	1580	1700	1640	1580	1580	1580	1460	1460	1460	1340	1340	1340	1340	1460	1820	2060		45,000
0	990	990	990	990	1050	1050	960	930	960	990	1050	1050	1080	1120	990	930	990		30,940
0	848	890	890	860	860	860	860	860	920	990	1200	1050	990	1060	990	1020	1120		27,946
0	970	900	830	900	970	970	900	865	830	865	900	935	970	1040	900	900	935		27,209
							1110			2130		1680							33,900
																			27,000
75	675	675	675	675	675	675	675	675	700	700	700	700	700	700	700	675	675		20,505
60	2350	2620	5250	2110	1470	1200	1160	1240	1240	1060	960	960	920	920	920	845	810		36,690
70	900	900	870	900	930	840	870	965	900	930	965	1040	1070	1040	930	930	965		27,985
20	960	930	755	870	990	990	1050	1120	1190	1080	1080	1020	930	870	755	650	960		29,640
50	1190	1070	990	1070	1150	1570	3850	4190	5400	15200	13000	9450	7370	5800	4700	4050	3850		100,280
00	1230	1160	1100	1100	1160	1160	1130	1340	1600	1830	1730	1640	1380	1100	1230	1300	1300		36,890
970	1170	1300	1495	1300	1495	1230	1265	1265	1230	1035	970	930	1230	1085	930	810	890		33,350
																			33,910
530	1370	1300	1300	1300	1220	1220	1220	1220	1080	1080	1080	1150	1230	1300	1450	1300	1220		40,090
030	1030	961	780	830	898	731	839	839	839	961	1030	961	961	898	961	1030	961		29,183
721	731	769	919	771	781	797	818	869	859	867	886	830	790	788	683	767	957		22,813
622	824	1037	1057	1052	1052	1129	969	869	858	863	857	827	870	890	895	867	849		27,010
822	822	792	804	807	1103	915	671	675	742	884	856	860	962	780	785	887	675		24,753
925	941	950	1005	1030	1037	994	960	977	956	909	802	740	652	698	677	750	775		28,289
888	821	783	806	889	969	985	1007	1002	990	928	882	841	818	711	548	528	564		28,274
806	868	914	898	1063	1444	1837	2402	2470	2246	1900	1627	1478	1384	1650	1568	1511	1385		37,839
795	871	877	933	777	723	786	910	1619	5726	3063	2350	1690	1564	1601	1236	1514	1494		39,088
823	876	598	776	807	1013	1070	1066	826	756	812	411	818	620	659	717	681	745		24,443
851	838	856	828	821	835	809	782	759	893	921	890	1177	1113	968	801	762	992		26,465
775	659	709	765	652	629	568	812	1458	1391	1485	1229	1082	913	841	684	719	711		26,931
949	864	761	838	932	891	852	775	755	757	823	805	971	939	1028	922	1016	915		25,691
1016	891	771	838	969	851	852	939	1970	1570	1370	1686	2075	2453	1941	1691	1692	2697		33,820
2420	2243	2191	1743	2746	2905	2331	2228	2999	3123	2830	2307	2235	2821	3364	3341	3448	3900		71,581
762	811	909	814	783	852	611	622	831	889	881	838	874	831	880	831	796	572		25,202
613	529	535	601	567	674	686	661	400	400	268	611	822	672	810	700	698	688		18,424
709	961	693	681	769	777	784	653	683	742	697	790	876	828	729	860	742	708		22,709
444	474	558	616	614	536	506	465	398	357	310	268	344	643	725	675	538	586		15,612
853	897	822	794	908	937	1050	942	890	870	837	687	789	699	826	808	834	888		28,239
737	733	757	745	706	764	918	842	705	794	645	764	754	751	760	624	912	806		23,842
717	775	680	673	693	778	954	988	897	874	829	839	875	795	812	817	761	776		24,722
725	156	1050	544	767	750	755	683	659	190	1110	411	1011	638	663	676	552	387		19,134
637	605	688	587	736	742	642	639	611	600	604	555	594	590	473	414	414	420		18,300
661	729	818	777	754	851	613	1044	1681	1649	1216	1007	1038	1067	972	961	882	816		24,914
851	1318	1111	1031	1349	1343	1099	1097	1107	847	751	825	881	877	908	903	927	1113		33,697
624	714	665	612	658	525	580	554	561	615	546	670	649	655	703	630	705	658		19,499
930	633	780	963	924	1012	1083	930	850	958	704	664	852	855	863	806	1000	1326		29,882

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	950	950	770	720	720	950	950	950	950	890	1010	1010	1010	770	830	670	620	620	620
1896																			
1897																			
1898	1060	1060	1060	1060	1580	1920	2260	2770	2600	2600	2600	2600	2600	2430	2430	2770	2770	2770	2770
1899	2060	1700	1520	1280	1220	1220	1340	1340	1460	1580	1580	1460	1460	1460	1340	1340	1580	1580	1820
1900	1050	1050	990	1050	1050	1050	1050	1050	1050	990	990	930	930	990	1050	1050	1120	1050	1050
1901	1130	2180	2070	2070	1870	1600	1350	1240	1310	1200	1130	1060	920	830	1060	955	990	1020	1020
1902	970	970	1040	1080	970	970	970	970	1040	1270	1290	1190	1000	830	695	695	695	747	1040
1903			1200		1110			1020				865				850			945
1904																			
1905	675	675	675	650	560	560	520	480	480	450	450	480	520	600	675	940	940	940	880
1906																			
1907	930	840	810	870	930	965	1000	1100	965	900	1000	1000	1040	1000	900				
1908	990	930	990	1050	990	930	930	990	990	960	900	930	1020	810	650				
1909	3460	3200	2660	2540	2480	2370	2370	2370	2840	2480	2100	2150	2200	2050	1850	1800	1660	1660	1700
1910	1300	1300	1340	2140	1680	1460	1380	1340	1460	1380	1380	1460	1160	990	990	1020	1160	1100	1100
1911	1060	1035	990	1085	1110	1170	1140	1085	1110	1100	1085	1060	1085	970	990	1085	1085	950	870
1912																			
1913	1150	950	950	950	950	950	950	886	824	824	1020	1080	1080	1220	1080	950	824	1020	1080
1914	898	783	898	1100	1030	961	783	731	683	638	783	961	731	638	559	559	559		88
1915	859	812	947	1000	1103	985	949	918	892	843	790	784	757	884	765	574	641	854	704
1916	747	982	1088	1185	1117	1034	901	698	493	859	949	976	1089	976	760	658	763	878	1162
1917	2121	1942	1323	915	885	972	1042	827	985	1022	917	909	1179	1640	1553	1192	1191	1529	1633
1918	829	842	896	927	955	1092	1090	1084	926	901	807	723	774	838	947	895	787	717	617
1919	829	989	1058	918	835	852	836	786	733	628	673	752	829	966	601	539	588	638	757
1920	1236	1260	1249	1211	1168	1011	951	817	872	1019	1222	1225	1170	1019	905	745	802	894	1097
1921	3353	3890	2723	1816	1582	1435	1470	1310	1218	1350	1360	1552	1372	1431	1350	1136	978	521	1184
1922	709	688	650	716	649	1000	662	821	784	612	670	655	674	666	527	873	706	655	1010
1923	991	710	685	646	662	798	999	1103	819	615	486	524	702	812	1089	1009	968	848	911
1924	680	847	950	936	793	796	798	751	772	647	672	754	835	837	833	727	775	639	458
1925	967	1522	2346	1549	1348	1231	1128	1047	937	926	888	979	1017	915	914	915	1016	940	1031
1926	3325	2469	2389	2701	2522	2191	2020	1506	1264	1240	1088	1471	1312	1044	591	755	1171	1291	1296
1927	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804	1534	1660	1634	1724	1253	1635	1385	744
1928	589	799	444	698	405	619	584	685	813	857	968	974	849	913	839	843	701	691	647
1929	686	719	640	575	609	732	688	696	686	941	2221	1670	1818	2649	1613	1827	2297	1692	1250
1930	678	749	842	975	938	911	835	685	604	575	752	920	893	888	725	671	819	701	715
1931	380	445	563	635	610	462	582	583	572	431	416	532	479	398	377	434	239	671	765
1932	729	763	841	828	819	632	562	613	426	366	290	300	304	306	373	416	650	461	1046
1933	765	690	740	805	802	652	809	837	767	781	795	827	902	994	959	872	836	402	701
1934	814	823	778	850	869	814	793	608	726	668	602	586	688	910	1112	800	788	799	804
1935	444	399	403	424	575	679	729	656	811	725	657	833	808	739	611	388	339	350	363
1936	581	578	614	581	518	513	779	818	801	654	530	534	659	553	701	851	822	785	720
1937	630	675	643	684	679	641	692	404	734	596	2998	10641	7374	4097	2965	2697	2301	1926	1760
1938	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043	903	468	589	791	1146	1053	790	984
1939	534	617	592	592	586	575	715	644	640	934	1197	1096	876	820	699	836	1135	1420	1131
1940	1136	1045	1008	900	953	949	945	980	871	877	706	476	391	299	405	343	604	794	1148

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

DECEMBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
770	830	670	620	620	620	620	620	670	670	770	830	950	950	770	815	860	905	25,390
																		32,300
																		30,750
2430	2430	2770	2770	2770	2770	2770	2770	2600	2600	2600	2600	2940	3290	3290	2940	2940	2770	75,820
1460	1340	1340	1580	1580	1820	1820	1580	1580	1580	1820	1580	1580	1580	1820	1820	1580	1820	48,500
990	1050	1050	1120	1050	1050	1050	1460	1360	1120	1050	1120	1050	1050	930	880	930	990	32,530
830	1060	955	990	1020	1020	920	890	1080	1200	1430	1350	1200	1130	1130	955	890	1020	38,200
830	695	695	695	747	1040	1080	1100	1120	1190	1190	1270	1230	1270	1120	1040	695	1000	31,737
		850			945			945			752			790			790	33,900
																		27,000
600	675	940	940	940	880	820	790	560	520	520	580	625	625	760	820	760	675	20,205
																		37,000
1000	900							1180	1180	1180	1240	1180	1360	1180	1140	1000	1100	31,650
810	650								1050	1080	930	930	1050	1120	990	930	755	29,000
2050	1850	1800	1660	1660	1700	1480	1390	1570	1700	1660	1660	1750	1570	1390	1310	1390	1570	62,380
990	990	1020	1160	1100	1100	1070	1100	1160	1160	1300	1100	990	990	1040	1100	1100	1160	38,410
970	990	1085	1085	950	870	910	930	850	1010	1010	930	950	930	1035	1060	1035	1035	31,750
																		30,340
1220	1080	950	824	1020	1080	886	824	824	1080	950	1080	1150	1020	1020	950	1020	1150	30,692
638	559	559	559				600					650			826			22,400
884	765	574	641	854	704	739	946	1102	1157	1079	955	825	728	837	849	676	719	26,673
976	760	658	763	878	1162	885	992	989	897	883	873	679	663	669	679	671	656	26,851
1640	1553	1192	1191	1529	1633	1737	1627	2038	1737	2965	2871	2416	3536	5050	6972	5420	4150	64,296
838	947	895	787	717	617	664	712	745	757	670	660	628	640	637	617	588	594	24,559
966	601	539	588	638	757	903	986	1126	1160	1199	1016	955	927	998	872	815	741	26,505
1019	905	745	802	894	1097	1134	1117	1042	950	909	890	936	956	982	1074	1359	2331	33,553
1431	1350	1136	978	521	1184	1124	1295	1175	1163	1220	1106	1109	1194	1191	1127	1177	1067	44,979
666	527	873	706	655	1010	1118	974	954	790	804	1052	1085	1172	1246	1361	1017	1136	26,436
812	1089	1009	968	848	911	972	963	799	635	608	902	979	879	847	898	1008	776	25,643
837	833	727	775	639	458	434	420	422	425	421	539	515	507	663	753	975	882	21,456
915	914	915	1016	940	1031	906	916	904	923	1016	1026	882	859	765	682	639	607	31,741
1044	591	755	1171	1291	1296	989	1051	815	794	906	869	844	840	928	838	911	920	42,351
1634	1724	1253	1635	1385	744	551	1927	950	1573	1345	1255	1147	1144	1173	1490	1373	1128	49,051
913	839	843	701	691	647	606	599	615	606	706	745	995	841	1030	1043	889	792	23,385
2649	1613	1827	2297	1692	1250	1271	838	1047	1076	1012	971	917	843	732	729	625	704	34,774
888	725	671	819	701	715	730	570	493	505	552	533	509	760	666	634	613	613	22,054
398	377	434	239	671	765	806	762	745	718	718	694	726	751	837	750	620	557	18,188
306	373	416	650	461	1046	832	851	496	750	690	1081	929	761	822	780	825	756	20,298
994	959	872	836	402	701	886	976	972	943	996	998	1106	1241	1215	1127	1110	1322	27,828
910	1112	800	788	799	804	862	989	1017	1008	928	946	897	926	965	813	750	671	25,604
739	611	388	339	350	363	359	550	578	480	570	698	737	798	739	805	686	743	18,676
553	701	851	822	785	720	742	756	710	755	663	723	728	698	667	478	670	596	20,778
4097	2965	2697	2301	1926	1760	1389	1226	1161	1291	1288	1111	1319	1328	1174	1172	1097	1187	57,880
589	791	1146	1053	790	984	1010	932	928	752	1038	948	866	764	885	985	985	693	30,490
820	699	836	1135	1420	1131	945	891	833	770	715	685	552	552	659	697	778	918	24,634
299	405	343	604	794	1148	1122	1004	1168	185	1248	1127	1173	1073	1280	1068	968	1071	28,317

NATURAL FLOW OF E

BEGINNING I

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	953	664	662	690	704	967	890	959	778	857	761	699	622	926	1026	929	927	878	884
1942	869	647	1027	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	731	1306	866
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1550	1636	1300	1110	1315
1944	998	895	979	759	575	685	876	673	670	671	674	676	684	688	962	934	945	1042	827
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1305	1169	1052	1034
1946	2583	2013	2128	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057	983	866	1214	1246	1157
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052	788	753	786	733	1073
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842	940	948	964
1949	866	878	818	730	730	825	800	822	861	868	773	760	777	824	830	850	841	814	785
1950	642	735	654	772	509	644	848	894	903	955	952	708	558	884	624	760	832	706	767
1951	1130	993	1241	1259	997	1017	1000	748	949	1190	1294	1188	1361	1172	1120	1231	1404	1165	1058
1952	797	526	852	469	1008	989	898	1201	1046	936	1194	1463	1735	903	1285	1545	1618	581	1254
1953	806	694	1346	785	691	810	1165	731	1103	1275	1657	1090	1736	2332	1738	1740	1662	2309	4391
1954	278	1799	1016	784	1240	1021	466	974	1062	995	586	662	975	897	824	955	1091	947	1096
1955	851	805	705	550	786	1101	299	364	84	955	1198	1206	588	925	750	804	596	567	967
1956	3113	3390	1830	2272	2298	2506	1782	2126	1688	1674	1593	1851	1841	1843	2197	5154	2314	2822	3641
1957	863	943	1057	1163	325	911	694	290	1034	977	681	1008	707	1042	1493	595	1022	687	907
1958	381	758	230	655	926	421	680	603	787	1170	1363	1120	910	853	1153	808	932	1216	750
1959	1244	1185	672	589	372	1161	1076	1210	1664	871	860	1010	1639	1733	1350	1523	1413	1010	1443
1960	924	626	635	758	616	548	1834	(-96)	1760	1156	666	959	1091	515	1082	428	688	489	758
1961	977	574	545	754	496	685	687	849	673	931	762	660	701	621	805	891	806	438	611
1962	685	742	484	817	841	841	1009	1377	1237	1495	853	786	1107	770	931	969	843	916	1002
1963	756	1107	1063	1052	910	681	401	732	619	921	663	347	276	367	498	881	780	1009	659
1964	847	803	1015	712	672	828	1147	836	670	579	748	788	775	634	544	866	770	934	991
1965	3669	2725	2775	2824	2681	2701	2594	2336	1813	2160	2321	2011	1836	1893	1941	1557	1885	1872	1915
1966	1150	961	1047	889	1091	1367	1899	1720	1519	1259	1098	1108	818	1275	1010	1192	730	627	572
1967	715	739	1534	805	(-25)	900	871	604	968	673	621	544	809	896	988	998	870	986	767
1968	893	830	664	549	664	923	766	582	648	1055	626	831	765	783	909	805	953	763	757
1969	816	1260	986	855	1114	1151	1545	1469	1561	1288	1139	1493	2041	1658	2298	2055	1759	1508	1293
1970	636	609	629	458	847	685	753	641	719	816	873	1274	1088	1102	1413	1537	1670	2488	2060

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JANUARY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
926	1026	929	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
1319	1550	1636	1300	1110	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
688	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752	24,706
1300	1461	1305	1169	1052	1034	1035	704	830	739	663	816	806	737	774	772	684	876	28,135
1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	914	920	987	908	30,182
866	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1238	1257	1186	1271	1019	833	31,601
1172	1120	1231	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	762	34,974
903	1285	1545	1618	581	1254	1132	974	966	1374	1249	1256	975	1502	1015	1079	1120	1379	34,321
2332	1738	1740	1662	2309	4391	3813	2852	2256	1732	1452	1546	1524	1085	1647	1698	1258	1544	50,468
897	824	955	1091	947	1096	1069	787	699	1242	1207	1259	990	1389	1001	1500	1635	1687	32,133
925	750	804	596	567	967	677	93	720	731	1513	1082	728	753	416	686	783	1075	23,358
1843	2197	5154	2314	2822	3641	2838	3115	2743	2933	2913	2149	2064	2359	1564	2367	1434	1192	73,606
1042	1493	595	1022	687	907	483	1087	1155	727	788	915	998	648	837	922	721	544	26,224
853	1153	808	932	1216	750	553	546	781	895	1215	747	1095	396	1760	552	1399	1186	26,841
1733	1350	1523	1413	1010	1443	1033	1052	741	1286	1382	1687	1578	1356	1980	1390	1594	1129	38,233
515	1082	428	688	489	758	598	682	924	1179	965	607	840	1051	800	753	987	1009	25,832
621	805	891	806	438	611	593	515	476	690	657	701	669	649	582	587	895	747	21,227
770	931	969	843	916	1002	988	596	787	450	557	882	1069	887	910	912	732	802	27,277
367	498	881	780	1009	659	640	762	466	784	551	524	707	960	111	890	750	939	21,806
634	544	866	770	934	991	1356	756	797	798	842	1009	966	908	916	741	805	1032	26,085
1893	1941	1557	1885	1872	1915	1721	2169	1922	2085	2359	2173	1776	1996	2706	4124	6216	7442	80,198
1275	1010	1192	730	627	572	830	650	550	1156	1053	1103	784	746	952	862	684	882	31,584
896	988	998	870	986	767	932	1523	2071	1748	1233	1114	1073	1309	1316	1312	1821	2081	32,796
783	909	805	953	763	757	736	663	776	1112	723	167	803	753	613	625	892	891	23,520
1658	2298	2055	1759	1508	1293	1808	3639	6256	5379	3263	3570	1948	2473	2556	2144	2287	1356	63,968
1102	1413	1537	1670	2488	2060	2677	2475	3784	4324	5054	4261	3990	4065	4557	3324	2713	2007	63,529

NATURAL FLOW OF

BEGINNING

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	739
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	979
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396
1946	1095	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227
1949	682	929	852	933	842	855	943	876	787	694	698	792	700	454	754	841	611	739	1165
1950	833	747	675	1415	1134	1344	1272	1182	1266	1259	1091	990	1165	917	1112	1042	1205	1203	1206
1951	757	835	945	1261	2238	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334
1952	900	1761	2068	1884	1607	1436	1290	1465	1611	1470	1068	1341	1323	1272	920	1187	1743	1714	1215
1953	1128	1301	1834	2664	2912	2320	2086	2300	1921	1772	1697	1535	1519	1505	1495	1324	1466	1309	1398
1954	1567	1410	940	1367	1387	1208	1363	1399	1252	1425	1432	1654	2038	2230	2217	2103	1965	2003	1663
1955	687	545	88	232	942	500	734	661	1374	1388	228	605	610	778	968	960	574	723	695
1956	1617	804	1201	1368	1774	1696	1694	3490	2463	4125	1644	3147	1764	1968	1561	1358	1573	1604	1311
1957	8	805	1053	2156	1014	710	986	750	1026	94	1862	753	760	1173	1346	741	1229	945	1039
1958	1213	807	598	1558	897	1182	1005	1034	1201	1098	1211	1217	1392	1937	2689	3463	4304	2500	2199
1959	1284	1019	993	1129	1414	1258	1114	1242	1150	1043	1242	1174	1086	766	1262	1199	1714	1476	1570
1960	793	887	1088	888	905	826	1402	1802	2714	2270	1409	1453	1146	1237	1005	950	890	1113	700
1961	1239	913	1003	812	1157	471	864	878	1158	778	1236	1711	1449	1363	946	1322	1324	1222	826
1962	758	726	887	886	1034	900	932	1233	948	1226	1746	1874	2337	2535	2174	2248	1836	1814	1640
1963	1684	6541	4042	6708	5525	4627	3771	3176	2849	2478	2312	2005	1830	1691	1816	1662	1636	1489	1593
1964	948	838	1200	895	668	748	821	646	818	1225	804	653	920	1042	850	903	1205	527	1116
1965	7577	5853	4996	4606	4135	3991	3561	3300	3321	3318	2744	2403	2622	2878	2756	2401	2286	2403	2484
1966	938	834	785	624	544	1038	889	894	832	918	779	700	929	828	679	682	804	955	1211
1967	1920	1593	1297	1383	1396	950	1258	917	1021	1040	1021	1046	1032	1019	1081	1032	954	995	876
1968	930	491	1007	1035	960	503	899	792	685	672	957	847	448	1299	975	822	701	941	1596
1969	2275	1265	1519	1572	1360	1461	1456	1514	1521	1633	1418	1489	1618	1781	1628	1640	1556	1195	1396
1970	2083	2080	1706	1698	1484	1460	1332	1451	1395	1417	1542	1628	2003	2223	2006	1844	2072	2284	2120

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

FEBRUARY

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1123	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
906	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
2857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,904
2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
754	841	611	739	1165	1074	1793	(-58)	139	827	1035	(-140)	1795	1045				22,657
1112	1042	1205	1203	1206	1299	1223	1222	1410	1412	1935	2626	2676	2654				37,505
3175	2295	2409	2301	2334	2198	1987	2009	1828	1815	1678	2364	1528	1840				62,939
920	1187	1743	1714	1215	1309	1183	1054	1206	1265	941	1120	949	1511	722			38,535
1495	1324	1466	1309	1398	1550	958	1120	1266	1406	1258	811	1271	1117				44,243
2217	2103	1965	2003	1663	1665	1579	1715	1579	1447	1626	2120	1886	1904				46,144
968	960	574	723	695	962	723	412	861	863	978	697	736	698				20,222
1561	1358	1573	1604	1311	1053	1343	1784	1615	1486	2020	1588	1590	1842	1752			52,235
1346	741	1229	945	1039	1073	1183	1403	1198	2437	3446	4399	6586	6265				46,440
2689	3463	4304	2500	2199	2982	3745	2215	2809	3325	3682	4557	3324	2774				60,918
1262	1199	1714	1476	1570	1524	1034	1219	1388	2178	1301	1461	1385	226				34,851
1005	950	890	1113	700	991	876	958	763	735	886	982	1040	871	865			32,445
946	1322	1324	1222	826	920	798	995	1325	903	945	1048	988	821				29,415
2174	2248	1836	1814	1640	1552	1450	1396	1226	1341	1230	1154	1050	1030				39,163
1816	1662	1636	1489	1593	1683	2339	1854	1567	1700	1569	1611	2037	1767				73,562
850	903	1205	527	1116	963	1052	977	1060	1113	1096	936	857	1007	1042			26,930
2756	2401	2286	2403	2484	2433	2404	2694	2787	2590	2648	2480	2386	3246				91,303
679	682	804	955	1211	667	758	842	844	786	867	1178	749	1031				23,585
1081	1032	954	995	876	1241	342	873	574	1018	1103	1021	855	1166				30,024
975	822	701	941	1596	1962	3972	4907	3416	4499	4002	3002	2531	2283	2031			49,045
1628	1640	1556	1195	1396	1821	2064	1731	1477	1331	1369	1397	1670	1410				43,567
2006	1844	2072	2284	2120	1961	1804	1808	1828	1848	1878	1904	2001	2004				50,864

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

FEBRUARY

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1123	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
906	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
2857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,904
2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
754	841	611	739	1165	1074	1793	(-58)	139	827	1035	(-140)	1795	1045				22,657
1112	1042	1205	1203	1206	1299	1223	1222	1410	1412	1935	2626	2676	2654				37,505
3175	2295	2409	2301	2334	2198	1987	2009	1828	1815	1678	2364	1528	1840				62,939
920	1187	1743	1714	1215	1309	1183	1054	1206	1265	941	1120	949	1511	722			38,535
1493	1324	1466	1309	1398	1550	958	1120	1266	1406	1258	811	1271	1117				44,243
2217	2103	1965	2003	1663	1665	1579	1715	1579	1447	1626	2120	1886	1904				46,144
968	960	574	723	695	962	723	412	861	863	978	697	736	698				20,222
1561	1358	1573	1604	1311	1053	1343	1784	1615	1486	2020	1588	1590	1842	1752			52,235
1346	741	1229	945	1039	1073	1183	1403	1198	2437	3446	4399	6586	6265				46,440
2689	3463	4304	2500	2199	2982	3745	2215	2809	3325	3682	4557	3324	2774				60,918
1262	1199	1714	1476	1570	1524	1034	1219	1388	2178	1301	1461	1385	226				34,851
1003	950	890	1113	700	991	876	958	763	735	886	982	1040	871	865			32,445
946	1322	1324	1222	826	920	798	995	1325	903	945	1048	988	821				29,415
2174	2248	1836	1814	1640	1552	1450	1396	1226	1341	1230	1154	1050	1030				39,163
1816	1662	1636	1489	1593	1683	2339	1854	1567	1700	1569	1611	2037	1767				73,562
850	903	1205	527	1116	963	1052	977	1060	1113	1096	936	857	1007	1042			26,930
2756	2401	2286	2403	2484	2433	2404	2694	2787	2590	2648	2480	2386	3246				91,303
679	682	804	955	1211	667	758	842	844	786	867	1178	749	1031				23,585
1081	1032	954	995	876	1241	342	873	574	1018	1103	1021	855	1166				30,024
975	822	701	941	1596	1962	3972	4907	3416	4499	4002	3002	2531	2283	2031			49,045
1628	1640	1556	1195	1396	1821	2064	1731	1477	1331	1369	1397	1670	1410				43,567
2006	1844	2072	2284	2120	1961	1804	1808	1828	1848	1878	1904	2001	2004				50,864

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

MARCH

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942
873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1688	1527	1468	1432	1411	1414
3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606	2820	2026
872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446	1399	1366
903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304	1172	1532
1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2803	4144	5164
1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387	4397	4613
1087	1173	1121	1097	922	930	1157	899	1004	1343	6	1792	844	1088	1059	1126	1219	1228	1032	1160	913
1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890	2995	3221	3356
2648	2360	2377	2328	2154	2617	2476	2333	2225	2257	1929	1680	1486	1625	1605	1512	2191	3900	4785	3688	3185
1594	1634	1469	1610	2029	1084	1520	1410	995	1322	1138	1463	1318	1359	1491	2022	1928	1587	1619	1817	1817
1277	1325	916	1270	951	864	750	1289	1202	1187	1575	791	1219	743	1238	1622	918	1949	1592	1521	1790
1424	1403	1427	1098	1399	1165	1524	976	1628	1672	1846	1871	2153	1965	1655	1796	1786	1337	1783	1997	1830
1661	1596	1350	1774	1518	1621	1704	1870	3903	5830	5157	3972	3487	2794	2687	2351	2465	2141	2149	2119	2038
1238	855	810	771	689	852	1053	825	1073	1090	911	753	703	859	801	639	1005	622	1032	895	697
2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	2094	534	1473	1789	1575	1532	2794	2508	3242	3040	4132
4123	3591	3195	2692	2752	2847	2741	2633	3376	3824	3272	3425	3264	2610	2484	2356	2937	2692	2435	2677	3212
2711	2292	1534	2014	1587	1821	1427	462	1364	2007	1669	1533	1372	1187	1512	1592	1702	1615	1484	966	1708
1347	1226	1556	1529	1516	1240	1499	1195	1614	1165	1314	1190	1181	1213	1124	1261	1144	1179	1514	1398	1351
542	205	1006	804	1774	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	1605	2169	2912
1077	866	1028	766	1007	951	920	802	721	1030	889	760	1072	1030	1201	1853	1979	1822	1679	1707	1843
1049	1197	1208	1224	1313	1182	1182	1263	1223	1068	1227	919	1145	1117	1013	1035	840	1013	1065	1488	1448
1852	1424	1539	1426	1257	1316	1275	1289	1294	1300	1230	1406	1289	1145	1097	1202	1178	1097	975	1174	1040
1148	1300	1086	826	1021	1092	1000	921	880	942	914	991	952	976	930	898	898	1053	1260	1057	1249
3363	2531	2886	3330	1915	2782	2927	2909	3201	3372	3686	3471	3449	3504	3260	3404	3249	3515	3263	3161	3016
555	813	847	590	725	849	933	1013	1145	1359	1364	1367	1525	2089	2286	1956	1964	1501	1398	1306	1606
1299	1011	1084	1049	1057	1168	934	961	1182	1046	1284	890	1234	966	1046	1143	864	1245	1477	1530	1035
2792	2245	2276	2332	2344	2513	2468	2299	1915	2064	1796	1706	1724	1624	1721	1572	1751	1617	1471	1440	1393
1374	1522	1779	1495	1472	1668	1809	1314	1739	1442	1300	1354	1404	1549	1825	1505	1678	1997	1933	2171	2118
2210	2691	2439	2294	2009	1906	1858	2071	2538	2599	2349	2348	2168	2155	2372	2781	2896	2599	2411	2258	2199

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MARCH

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
	3825	3899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
	1248	1012	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
	1746	1707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
	4131	3566	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
	2004	2490	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
	1088	1059	1126	1219	1228	1032	1160	913	1061	1117	1133	1514	1383	1382	1209	1543	2076	2080	36,698
	2164	2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
	1625	1605	1512	2191	3900	4785	3688	3185	3006	2879	2728	2773	2855	2715	2572	2294	1968	2237	77,388
	1359	1491	2022	1928	1587	1619	1817	1817	2533	2601	2395	2538	3130	2173	4188	3971	3203	3578	62,536
	743	1238	1622	918	1949	1592	1521	1790	1934	1937	1186	670	2625	2871	3377	3221	3833	3867	51,510
	1965	1655	1796	1786	1337	1783	1997	1830	1830	1680	1877	2659	2967	2939	2966	3408	3928	5376	63,365
	2794	2687	2351	2465	2141	2149	2119	2038	2091	1880	1993	2050	1942	2093	2397	2149	2100	2036	74,918
	859	801	639	1005	622	1032	895	697	766	1108	680	593	1318	999	678	715	1696	1244	27,970
	1789	1575	1532	2794	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7304	6699	6295	6332	114,129
	2610	2484	2356	2937	2692	2435	2677	3212	2855	2313	5227	3828	2810	2730	2830	2819	3563	4933	97,046
	1187	1512	1592	1702	1615	1484	966	1708	2745	3029	2485	3276	3070	2627	2901	3040	2648	2967	62,347
	1213	1124	1261	1144	1179	1514	1398	1351	1438	1455	1532	2174	1729	1953	1914	1953	2119	2248	46,271
	1295	1246	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415
	1030	1201	1853	1979	1822	1679	1707	1843	1771	1679	2573	2414	2072	2459	1909	1971	1713	2051	45,615
	1117	1013	1035	840	1013	1065	1488	1448	1494	1697	1184	1420	1506	1866	1960	2057	2053	2084	41,536
	1145	1097	1202	1178	1097	975	1174	1040	1268	1551	1550	1465	1341	1408	2060	3680	2616	2208	45,952
	976	930	898	898	1053	1260	1057	1249	1406	1255	1053	1190	1462	1286	1259	1359	1600	2345	35,609
	3504	3260	3404	3249	3515	3263	3161	3016	2638	2899	2694	2360	2705	2885	2521	2452	2597	2820	92,765
	2089	2286	1956	1964	1501	1398	1306	1606	1264	1195	1153	1196	1393	1945	2708	3152	3641	4142	48,980
	966	1046	1143	864	1245	1477	1530	1035	1890	1650	1919	2011	1734	1842	1742	1882	2077	1538	41,790
	1624	1721	1572	1751	1617	1471	1440	1393	1427	1489	1786	1871	2159	2044	1644	1850	1935	2378	59,646
	1549	1825	1505	1678	1997	1933	2171	2118	2150	2522	3004	2684	2974	3391	4205	4209	5775	6602	71,964
	2155	2372	2781	2896	2599	2411	2258	2199	2271	2312	2269	2611	2713	2642	2546	2636	2839	2460	74,510

NATURAL FLOW OF BOISE

BEGINNING 1941

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963	267
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	6527	6620	6098	585
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312	2245
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015	227
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445	446
1946	6008	4982	4552	4717	4841	5216	6160	6164	6222	5847	5218	5919	7596	10219	12352	13581	14780	17389	18812	18660
1947	4810	4145	4006	3747	3576	3468	3434	2289	3477	2684	2917	2808	3062	3230	4471	5632	6149	6379	6439	6284
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6896
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413	10308
1950	2888	3787	4629	4125	4107	3895	4251	4659	5124	4670	5841	5821	6521	7418	7543	7141	8012	8713	9289	8968
1951	3609	3674	4934	5892	7194	8634	9861	10722	10963	10960	10651	9941	9843	11541	11209	13094	10778	11159	11616	11612
1952	3257	3410	3399	3712	4754	6669	8193	9277	7784	6989	6942	7143	8548	9935	11088	9967	10520	12544	14976	14725
1953	4733	3869	3833	3881	4380	4107	4957	3346	3502	3669	2608	2514	2635	2480	1856	2836	2255	3181	3909	3531
1954	1854	1675	1808	2259	3119	4933	5009	4438	4362	4339	3939	4072	4879	6936	7452	7233	7449	3296	10020	9628
1955	1222	1007	1639	1090	1161	1218	1436	2087	2675	3028	3344	2583	1928	2156	1764	1674	1764	2184	2109	2192
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497	14959
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132	6122
1958	2915	3061	3506	3911	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371	6712	7606	8555	9242	8944
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5227	4912	4487	3814	3799	3649
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182	4772
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2297	2346	2087	3175	4469	4050
1962	2688	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4455	5557	6996	8598	8570	8559	9027	10169
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3959	4432	3516	3092	2913	3106
1964	3694	4487	3919	3680	4020	4352	3938	3744	3812	4341	5212	5891	4233	3896	4063	4865	5505	4471	4524	4556
1965	3160	4099	6098	5322	5339	5508	6152	6046	6034	6833	6161	5868	5878	6459	7256	8547	10007	9260	8789	12273
1966	5060	5170	5575	4908	4200	3951	4352	4745	4953	5404	5750	4817	4292	3703	3933	3753	4559	4971	4464	3739
1967	1866	1502	1505	1523	1774	2302	2053	2040	2234	2257	2718	2728	2741	2944	3155	2986	2738	2389	2321	3000
1968	2511	2859	3177	2985	2942	3113	2833	2578	2321	2242	2397	3013	2950	2904	2723	2773	2597	2521	2261	2381
1969	8134	8871	9402	10143	10081	11500	13417	11777	9706	9890	10362	11117	10887	11770	11006	10361	10181	10526	12042	11193
1970	2516	2247	2370	2248	2249	2650	3545	4343	3952	4006	5127	4799	4166	3991	3672	3231	2937	2884	3038	3283

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

APRIL

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		82,000
	1985	2296	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	3729	3768	4622		101,184
	10219	12352	13581	14780	17389	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
	3230	4471	5632	6149	6379	6439	6284	6172	6318	6123	6001	5481	5356	5760	6190	6992	7300		144,700
	2437	2518	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
	5943	5790	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
	7418	7543	7141	8012	8713	9289	8968	9687	11164	11174	10063	7848	7196	6937	7247	6579	6012		201,309
	11541	11209	13094	10778	11159	11616	11612	10306	9734	8254	8001	8088	7476	7865	8281	11575	11017		278,484
	9935	11088	9967	10520	12544	14976	14725	12961	12931	13206	13984	17015	18667	22302	23429	21634	18984		338,945
	2480	1856	2836	2255	3181	3909	3531	6349	7202	9882	9941	10535	9020	9669	11656	12779	9568		164,683
	6936	7452	7233	7449	9296	10020	9628	8427	7933	8059	8101	8442	8974	8939	9397	9390	8438		190,860
	2156	1764	1674	1764	2184	2109	2192	1887	2528	3387	3314	2892	2590	2950	2668	2198	2241		64,916
	10213	11061	12390	13489	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13854	13131	11892		318,251
	6719	6943	6944	6696	6323	6132	6122	6532	6317	6556	6892	6880	6243	5500	5385	5949	7427		180,628
	5274	6371	6712	7606	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565		161,889
	5598	5227	4912	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025		138,367
	7136	6422	5500	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3885		179,494
	2392	2297	2346	2087	3175	4469	4050	3214	3265	3260	2072	2364	2358	2186	2368	2765	2835		86,032
	5557	6996	8598	8570	8559	9027	10169	11343	9548	8780	8620	9355	8675	8000	8306	8152	6612		203,928
	2882	3959	4432	3516	3092	2913	3106	2831	2487	2413	2531	2412	2571	2858	3276	3528	4028		90,149
	3896	4063	4865	5505	4471	4524	4556	4945	5258	5310	4826	3814	3665	3757	3326	3702	5277		131,083
	6459	7256	8547	10007	9260	8789	12273	16365	20258	20854	18531	17595	17086	16351	16794	16395	16772		312,090
	3703	3933	3753	4559	4971	4464	3739	3487	3107	2968	2830	2930	3267	3397	3332	3001	3533		124,151
	2944	3155	2986	2738	2389	2321	3000	2460	2426	2157	2105	2099	2106	2198	2209	2604	2075		69,215
	2904	2723	2773	2597	2521	2261	2381	2223	2203	2018	2000	2170	2313	2169	2227	2288	2672		76,364
	11770	11006	10361	10181	10526	12042	11193	10447	10772	13232	15935	15071	12032	10124	9214	8729	9170		327,092
	3991	3672	3231	2937	2884	3038	3283	3045	2800	2837	2752	2863	2746	2808	2580	2584	2565		94,834

NATURAL FLOW OF BOISE R

BEGINNING 1941

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5129	7386	8408	7496	6193	5543	5536	5708	510
1942	3999	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	3906	3691
1943	13118	14472	15282	15085	15650	14752	12884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	6906	7316
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	5688	5036
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	6601	5903
1946	11798	10583	10259	10837	12416	13481	13844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	10750	10746
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	7143	6705
1948	4839	4538	3728	4393	4204	4307	5853	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750	12004
1949	8007	7859	7339	6690	6507	6211	6444	7197	8178	9179	9784	10290	11540	11885	12413	12829	11584	12100	11233	10978
1950	5296	6568	5497	6494	5130	5004	4336	4438	5086	4557	5445	5562	6917	9553	11897	13368	13673	12924	12338	9612
1951	9166	8345	7297	7238	7299	8201	9727	12301	11980	12328	12460	13137	12371	10539	9707	8739	9206	10377	11258	11492
1952	14339	15047	16512	18001	18955	15799	16476	15533	15390	15082	14555	13359	16047	16522	16170	14230	12349	11652	12802	12544
1953	7935	6443	5512	5136	4792	6975	7543	8156	7593	6041	6151	5339	5134	5266	5443	5816	6208	7529	7119	9554
1954	7649	6395	5818	6257	6124	8165	8936	9704	10854	11776	13307	12854	11973	11088	10493	10814	11452	12331	12276	13444
1955	3601	4105	4040	3296	4134	5011	6697	7088	8417	8309	7326	7939	7918	7917	6984	5892	4734	4318	4549	5889
1956	10218	10200	9871	10211	10496	10826	11384	10702	11094	11328	10238	9987	8960	8698	7933	8258	9716	11258	14370	15780
1957	9409	10872	11712	11176	10375	9666	11185	12224	12850	12759	13083	12803	13328	13687	13506	13044	13377	13270	16619	16752
1958	4928	6924	8263	9839	11248	13513	14715	13949	13445	14578	15390	17413	17483	14213	12587	12839	12626	15234	17097	18188
1959	5870	7805	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040	7963	7080	6054	5228
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6909	8763	10699	11842	11130	8927	7912	7473	6667	6028	5170
1961	3605	3983	4617	4084	4042	3808	3334	2429	3246	2857	4098	3591	3619	3057	3477	4048	3907	4219	3877	4241
1962	5923	5454	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872	5189	5656	6199
1963	5324	5703	5653	5674	5329	5798	6273	6450	6695	6577	6139	5546	5105	5078	4751	4947	5387	5940	6881	8164
1964	7016	7799	6326	5226	4862	4139	4017	4340	4358	4562	5850	6130	6761	7602	8271	8506	9883	9949	9920	10053
1965	20503	19705	17118	14545	13382	11788	10434	8291	9438	8986	8298	9611	11222	12687	14355	15060	15555	16142	15059	14140
1966	2953	2974	3397	4545	5655	6340	7666	8082	7676	8225	7761	7303	5982	5063	5044	4127	4032	3783	3695	3808
1967	1974	1734	1825	2055	2322	2523	3457	4587	6759	7886	8157	6279	5159	4313	4099	5150	7036	9056	10116	11138
1968	3707	3910	4448	4102	4785	4681	3950	3401	3149	3253	3505	3978	4484	4568	4186	3518	2842	3045	3392	3991
1969	8412	8161	7515	7224	7211	8197	9647	11346	12959	14478	15175	15306	15251	14736	15503	15133	14151	12841	13059	12634
1970	2640	2864	3509	4953	6718	8831	10103	11354	7914	8348	8112	6703	6292	4875	5453	4900	6311	9647	13481	13590

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MAY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
8408	7496	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
4097	4044	4151	4093	3815	3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,788
8266	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
6077	7059	7632	7270	6542	5688	5036	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
8448	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6432	6932	7120	296,573
9563	9170	9087	9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
7965	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
5491	6409	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
1885	12413	12829	11584	12100	11233	10978	10319	9262	8496	8361	7507	8278	8103	9373	9361	9521	9007	285,835
9553	11897	13368	13673	12924	12338	9612	9297	10852	12137	13534	13021	11443	11008	11542	11799	11588	11627	281,543
0539	9707	8739	9206	10377	11258	11492	11650	11353	12580	12793	13796	12825	12646	13881	14065	12879	10811	342,447
6522	16170	14230	12349	11652	12802	12544	13861	13677	12966	11778	13056	14013	15735	13838	14449	13520	12560	450,817
5266	5443	5816	6208	7529	7119	9554	9160	7865	7064	6757	5481	5115	4725	4821	8039	6181	6898	201,791
1088	10493	10814	11452	12331	12276	13444	14660	13697	11100	9763	8933	8649	7664	6614	5783	5228	4974	298,775
7917	6984	5892	4734	4318	4549	5889	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712	198,635
8698	7933	8258	9716	11258	14370	15780	16976	18860	19581	20134	22949	20931	19423	19484	17472	16500	16839	420,677
3687	13506	13044	13377	13270	16619	16752	16930	12150	11422	10232	9263	8974	9657	10360	11241	12253	12791	376,970
4213	12587	12839	12626	15234	17097	18188	21254	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326	473,187
5934	7852	9040	7963	7080	6054	5228	4541	4930	4240	4322	4512	4193	4039	4271	4133	3980	3901	165,797
1130	8927	7912	7473	6667	6028	5170	5073	4941	4367	4461	3891	3735	3766	3948	4148	4736	5599	187,181
3057	3477	4048	3907	4219	3877	4241	5448	5761	5954	6612	7773	7721	7830	7495	6624	6442	7610	149,409
6456	5976	6170	5872	5189	5656	6199	6284	6047	5717	6431	7609	7251	7021	6491	6557	6308	6731	203,229
5078	4751	4947	5387	5940	6881	8164	8736	9586	10149	11480	11183	10794	10233	9380	9276	9198	9029	226,458
7602	8271	8506	9883	9949	9920	10053	10938	10763	9732	8614	7798	7008	7457	7523	7869	7611	7757	228,640
2687	14355	15060	15555	16142	15059	14140	14144	14677	15194	15156	14067	12773	11853	12018	12361	13826	15728	418,116
5063	5044	4127	4032	3783	3695	3808	4193	4794	5282	4618	4260	4233	4797	5317	5925	6032	6015	163,577
1313	4099	5150	7036	9056	10116	11138	11392	11900	13697	15178	15598	14202	11443	10418	11078	11004	10037	241,572
1568	4186	3518	2842	3045	3392	3991	6212	6092	5605	4966	4677	4540	3949	3628	3703	4058	5318	129,643
1736	15503	15133	14151	12841	13059	12634	11537	10399	10076	10967	11394	12672	13146	12396	10897	9837	9901	362,161
1875	5453	4900	6311	9647	13481	13590	13932	12633	11660	14472	13140	13797	14685	14847	12533	10667	9541	288,505

NATURAL FLOW OF BOISE

BEGINNING 1941

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612	44
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420	51
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871	125
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506	35
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806	64
1946	7950	7533	7763	9115	10131	9775	8965	8249	7785	7457	7621	6965	6209	6199	6482	6365	5913	5539	5244	503
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4350	4903	4539	4785	4962	5051	5334	510
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495	491
1949	8699	7652	6364	5665	5905	5817	6324	6597	7045	7415	7043	7446	6959	6315	5459	4899	4940	4153	3798	3611
1950	11474	11539	11330	10773	10648	10989	11703	11065	9479	8074	7526	8071	8765	7834	8115	8634	9085	9759	8926	9710
1951	9487	8447	7815	6970	6177	7805	6913	6277	5708	5396	5479	6034	7203	7536	8584	9851	10463	10017	9533	8705
1952	12410	11937	11735	13213	13471	13830	13581	13854	11979	12614	10938	10492	7689	7938	7471	7157	6311	6438	5554	6755
1953	9429	7336	8969	8880	9395	9933	9685	11613	6482	8841	9177	10758	13803	14790	13028	11255	11285	12359	12650	11478
1954	5209	4707	4385	4038	4415	4753	4700	4500	4322	4429	4617	4547	4386	4684	5270	6412	6806	6022	5342	5289
1955	6665	6794	6046	6080	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760	5810
1956	18159	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561	7223
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7862	6677	6235	5575	5046	5094	5582
1958	12658	11471	10461	10328	9988	9513	10055	10402	10499	10045	9345	8848	9282	8774	8230	7494	8033	8428	8462	8155
1959	3900	4148	5030	5848	6420	7308	8523	8266	7246	6374	6120	5707	6829	8182	8097	7934	6442	6576	6556	6426
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575	4208
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4923	5095	3585	4531	3622	3459	3333	3142	2892
1962	6631	6960	7599	8823	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671	7908
1963	9315	8852	8018	7732	7905	7631	6881	6681	6484	7143	6852	6110	6453	7112	7817	8486	8495	8559	7644	7509
1964	6911	7508	8650	8393	8594	8456	9027	9249	8072	7337	6629	6329	5640	5471	5789	6545	8214	7688	7064	6263
1965	16246	14692	14116	15031	15908	15845	16184	15912	16274	16537	16415	16777	16910	15016	12332	10399	9527	8926	8747	8667
1966	5469	4699	4352	3907	3554	3315	3194	3320	3144	3452	3537	3384	2879	2756	2790	3020	3044	3263	2217	3257
1967	8946	10050	9084	8166	7859	9244	9134	8763	9211	9332	8758	9028	8307	7998	7893	8286	8955	9786	9938	10077
1968	5100	4910	5643	7048	6327	5870	6614	5669	6051	5767	5440	5346	5280	4985	4435	4095	3986	4249	4532	4845
1969	10112	9092	8696	8950	9641	10373	10259	9591	8927	8699	8725	8109	7055	6745	6116	5838	5487	4878	4772	4808
1970	8806	8826	10123	11832	13419	13226	12755	12989	13370	13097	10574	8591	7795	7415	7225	6986	6592	6511	6717	7629

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JUNE

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
20	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468			133,388
00	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701			181,187
13	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755			313,877
37	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004			123,863
96	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963			202,998
09	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3467	3541	3406			189,411
50	4903	4539	4785	4962	5051	5334	5103	4814	4215	3548	3663	3798	3631	3738	3324	2971	2842			148,620
147	8398	7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476			229,853
359	6315	5459	4899	4940	4153	3798	3618	3623	3421	3111	3262	3094	3073	2911	2608	2619	2377			152,212
765	7834	8115	8634	9085	9759	8926	9710	9794	10318	10052	8978	7742	6845	5212	6581	6984	8136			274,141
203	7536	8584	9851	10463	10017	9533	8705	8506	7929	7085	6458	6370	5833	6313	5807	5948	5641			220,290
689	7938	7471	7157	6311	6438	5554	6755	6336	5379	5548	5239	5379	5419	5276	5236	4724	5238			259,141
803	14790	13028	11255	11285	12359	12650	11478	10079	9422	9291	9365	9096	8038	6925	6975	6895	7246			294,478
386	4684	5270	6412	6806	6022	5342	5289	5580	6370	6892	7729	7691	7429	9902	7880	6139	5388			169,833
799	9361	7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4104			209,680
650	10277	9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603			291,294
1409	7862	6677	6235	5575	5046	5094	5582	5913	5501	5085	5021	5504	4690	5069	5091	5358	5073			259,006
1282	8774	8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083			250,783
3829	8182	8097	7934	6442	6576	6556	6426	6383	6351	6145	5574	4988	5223	4157	3920	3117	3288			181,078
5043	5954	5896	6316	5860	5021	4575	4208	3939	3374	3303	3094	3080	2997	3013	2624	2403	2652			166,675
5095	3585	4531	3622	3459	3333	3142	2892	2500	2296	1987	1932	1762	1738	1707	1359	1273	1116			114,693
8969	8377	7798	7656	8035	7180	7671	7908	8388	7736	7496	6954	6273	6728	6529	5658	5148	4655			212,699
6453	7112	7817	8486	8495	8559	7644	7509	7389	7767	6572	5182	5102	4624	4128	4222	4718	4569			205,952
5640	5471	5789	6545	8214	7688	7064	6263	5613	5641	4962	5106	5478	6052	6564	6288	5414	4981			203,928
6910	15016	12332	10399	9527	8926	8747	8667	9854	10825	11692	12609	12340	11663	12206	10268	9026	8500			389,444
2879	2756	2790	3020	3044	3263	2217	3257	2621	2356	2282	2305	2040	1778	1922	1774	1448	1945			89,024
8307	7998	7893	8286	8955	9786	9938	10077	10865	11815	10859	7954	7429	7070	7048	7771	6969	6458			263,053
5280	4985	4435	4095	3986	4249	4532	4845	4930	4259	3836	3591	3245	3090	2746	2428	2670	2316			139,303
7055	6745	6116	5838	5487	4878	4772	4808	4738	4423	4257	4487	4931	4323	3767	3780	3292	3237			198,108
7795	7415	7225	6986	6592	6511	6717	7629	8162	9474	9971	10012	9529	8723	8315	8810	8764	9516			285,754

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	2322	2243	2092	1988	2114	1578	1751	1612	1641	1462	1425	1359	1289	1414	1279	1385	1197	1289	1147
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108	2075	1941	1913	1883	1732	1679
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5338	5040	5053	4694	4405	4363
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1809	1680	1737	1605	1432	1576	1544	1403	1508
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555	2355	2179	2136	2081	1791	1789
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2373	2385	2246	1949	1825	1810	1555	1820	1720	1568
1947	2782	2548	2736	2656	2687	2532	2413	2406	2537	2125	2244	2144	1825	1807	1814	1681	1557	1504	1404
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1736	1500	1614	1522	1362	1355
1949	2294	2260	2150	2128	2121	2094	2269	2067	1736	1699	1705	1662	2302	1357	1481	1440	1295	1244	1104
1950	8217	8402	7729	7344	6707	6356	6114	5721	5235	4323	5143	3939	3924	3506	3215	3369	3035	2818	2518
1951	5444	5458	5281	5084	5275	4488	4558	3960	3758	3835	3622	3408	3003	2998	2845	2940	2681	2766	2448
1952	4669	4151	3932	4208	4487	3143	3848	3333	3218	3076	3152	3534	3300	3177	2507	2564	2219	2354	2504
1953	7247	7169	6741	6586	6778	6412	6905	5985	6033	5369	5284	5022	4683	4618	4497	3800	3229	3205	2872
1954	5109	4877	4529	4360	4410	4445	4208	4228	3523	3367	3170	3119	2958	2756	2748	2948	2581	2549	2358
1955	3473	3184	2743	2676	3036	2560	2832	1883	2303	2361	2751	2133	2506	2465	2116	2312	2027	2196	1963
1956	5291	4759	4458	4281	3976	3916	3949	3804	4021	3266	3583	3423	3858	2854	3341	3069	2438	2619	2616
1957	4843	4563	4422	3840	3605	3299	3239	2994	2949	2714	2453	2702	2577	2035	2157	2286	1967	1814	1697
1958	4113	3444	3513	3324	3253	3197	2988	2733	2786	2580	2621	2242	2188	2170	2145	1957	2225	1777	2134
1959	3072	2569	2524	2726	2485	2262	2345	2267	2176	1814	1888	1902	1746	1671	1528	1795	1538	1323	1340
1960	2124	2136	2040	1947	2087	2086	1714	1753	1572	1647	1421	1451	1151	1476	1242	1473	1079	1247	1136
1961	1011	985	1669	1329	1260	1002	1311	1066	1021	998	969	1002	1020	995	836	799	900	608	773
1962	4588	4326	3991	3533	3329	2993	3096	2914	2549	2827	2431	2345	2388	2241	2261	2074	1950	1682	1772
1963	3998	3563	3599	3904	3691	3719	3327	3187	3107	3029	2802	2678	2461	1975	2595	2369	2138	1952	1565
1964	4714	4550	4525	4187	3895	3671	3589	3167	3082	3028	2813	2609	2443	2385	2277	2153	1898	2106	1857
1965	8567	8759	8336	7977	8208	8593	7919	8033	7635	7867	7118	6426	5829	5229	4902	4894	4779	4570	4694
1966	1886	1177	1436	1410	1416	1123	1226	1007	786	1108	954	998	862	830	693	651	723	718	165
1967	6365	5985	5564	5221	5065	4523	4248	3494	3490	3228	3156	2900	2696	2511	2369	2167	2259	2542	2208
1968	2081	1686	1727	1601	1587	1725	1527	1446	1560	1511	1451	1454	1379	1238	1136	1126	1183	1103	1034
1969	2880	2804	2607	2747	2705	2739	2862	2818	2615	2496	2422	2256	2519	2231	2174	2064	1912	1829	1757
1970	7292	5629	5432	5384	5233	5293	4873	4392	4056	3828	4584	4173	3339	3265	3018	2664	2800	2501	2534

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JULY

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1	1279	1385	1197	1289	1147	1133	1088	1083	963	926	1012	892	902	1157	1139	933	911	42,726
5	1941	1913	1883	1732	1679	1609	1571	1554	1484	1454	1446	1187	1385	1049	1274	1118	1026	69,556
8	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
5	1432	1576	1544	1403	1508	1233	1387	1378	1418	1156	1221	1478	966	1054	1095	973	1045	53,163
5	2179	2136	2081	1791	1789	1709	1623	1644	1471	1533	1244	1340	1233	1203	1196	1261	1075	69,520
5	1810	1555	1820	1720	1568	1480	1659	1496	1298	993	1320	1493	1484	1485	1165	1225	1250	62,960
7	1814	1681	1557	1504	1404	1350	1360	1328	1160	1145	1128	1112	1097	1080	1063	1065	1033	55,323
6	1500	1614	1522	1362	1355	1287	1384	1228	1237	1222	1077	966	900	890	920	918	814	54,686
57	1481	1440	1295	1244	1104	1083	1457	1190	1125	1093	972	902	866	925	1033	829	888	46,771
6	3215	3369	3035	2818	2518	2452	2039	2219	2040	2053	1089	1902	1736	1862	1755	1529	1408	119,699
98	2845	2940	2681	2766	2448	2407	2338	2136	2073	1912	1688	1956	1755	2221	1677	1978	1541	97,534
77	2507	2564	2219	2354	2504	2070	2245	1904	2106	1989	1965	1657	1702	1726	1596	1745	1668	85,749
18	4497	3800	3229	3205	2872	2749	2313	2386	2327	2097	2154	1909	1883	1931	1769	1604	1678	127,235
56	2748	2948	2581	2549	2358	2044	1968	2099	1813	1878	1733	1851	1694	1647	1759	1341	1439	89,509
65	2116	2312	2027	2196	1963	1824	1660	1616	1489	1732	1628	1422	1295	1371	1533	1355	1424	65,869
54	3341	3069	2438	2619	2616	2203	2504	2516	2360	1941	2194	2032	1974	1712	1981	2036	1447	94,422
35	2157	2286	1967	1814	1697	1672	1751	1647	1587	1464	1439	1282	1464	1299	1329	1487	1576	74,153
70	2145	1957	2225	1777	2134	1720	1808	1779	1840	1407	1817	1355	1617	1566	1465	1556	1913	71,233
571	1528	1795	1538	1323	1340	1423	1235	1495	1201	1170	873	1127	1052	1108	666	1108	1019	52,448
476	1242	1473	1079	1247	1136	881	925	1132	1104	584	876	763	730	589	1024	392	1005	40,787
995	836	799	900	608	773	776	761	733	754	752	665	630	685	1082	739	562	717	28,410
241	2261	2074	1950	1682	1772	1638	1631	1608	1368	1597	1457	1536	1890	1523	1366	1343	1209	71,456
975	2595	2369	2138	1952	1565	2216	1769	1624	1606	1690	1171	1802	1460	1420	1351	1334	1282	74,384
385	2277	2153	1898	2106	1857	1805	1549	1557	1453	1408	1667	1211	1226	1359	1360	1432	1497	76,473
229	4902	4894	4779	4570	4694	4397	3995	3836	3732	3302	3244	3072	2685	2903	2907	2458	2616	169,482
830	693	651	723	718	165	441	1046	946	382	687	753	720	706	535	532	324	759	27,000
511	2369	2167	2259	2542	2208	2163	1787	1969	1560	1847	1547	1603	1332	1325	1297	1093	1127	88,641
238	1136	1126	1183	1103	1034	984	999	879	896	922	911	1020	879	487	831	779	921	38,063
231	2174	2064	1912	1829	1757	1761	1581	1634	1559	1510	1529	1507	1606	1338	1421	1308	1237	64,428
265	3018	2664	2800	2501	2534	2096	2128	2180	2213	1894	1960	1949	1611	1681	1604	1651	1519	102,776

NATURAL FLOW OF BOISE RI

BEGINNING 1941

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1941	991	891	848	894	776	760	706	873	706	600	740	1357	1754	1117	913	854	877	861	1240	9
1942	1036	1059	1043	1031	827	1049	826	849	949	769	890	705	837	672	906	639	617	718	677	5
1943	2472	2509	2404	2325	2303	2145	2016	1848	1868	2033	1608	1490	1672	1704	1570	1432	1519	1397	1520	11
1944	1032	1089	1124	1007	865	917	731	675	1018	820	650	665	674	707	647	621	644	703	619	4
1945	1113	1029	1248	985	1109	992	1039	1307	979	988	1084	926	890	840	788	853	767	801	635	7
1946	1325	1289	1241	1032	1020	1124	1138	993	947	870	867	870	895	684	933	734	989	590	772	81
1947	865	900	972	902	913	857	796	799	631	735	737	761	649	733	699	698	696	695	693	69
1948	822	842	841	811	789	782	775	759	748	745	751	751	735	715	694	697	693	695	693	68
1949	714	1286	686	531	614	519	568	576	606	736	686	737	708	848	758	765	892	780	745	69
1950	1557	2489	1707	1301	1602	1840	1591	1597	1323	1350	1472	1452	1300	1400	1136	1127	1017	1025	949	97
1951	1515	1604	1521	1631	1721	1769	1389	1309	1254	1341	1165	1414	892	1130	968	867	816	1110	976	75
1952	1299	2104	1336	1563	1186	1213	1262	1486	1364	1243	1214	1188	998	1392	1495	804	823	1077	948	1005
1953	1536	1670	1619	1409	1501	1490	1492	1230	1206	1197	1027	1203	1314	962	1178	1293	1130	1048	1017	1208
1954	1329	1415	1293	1140	1100	1350	1152	1263	1219	1191	1196	1103	1273	1139	1300	876	1135	770	1052	746
1955	1282	1295	1107	861	947	833	1200	965	1143	1146	997	809	846	1051	1203	731	925	877	966	1004
1956	1502	1545	1457	1749	1389	1216	1096	1426	676	1244	947	914	1199	1038	808	1095	1214	222	1164	474
1957	1264	1088	1165	1007	1461	709	1196	995	898	986	948	765	860	761	728	807	605	842	764	490
1958	1810	1460	1498	1327	1130	1342	1340	1026	932	1309	1276	892	1061	930	899	1096	661	980	934	998
1959	1308	1203	1053	245	735	518	563	952	825	(-21)	1142	262	1044	442	1146	(-229)	837	698	572	1495
1960	924	855	969	822	879	684	665	557	721	492	852	476	545	623	463	413	966	666	949	537
1961	624	752	639	716	635	809	370	270	499	846	513	554	588	793	715	1036	673	646	478	733
1962	1505	1139	1311	1106	1036	1241	1081	1057	533	1380	972	852	725	1164	821	758	698	706	808	938
1963	1062	1199	1146	1002	985	924	1025	1047	870	1159	1084	1005	748	947	888	607	759	886	816	1456
1964	1218	1208	1101	1113	1110	1008	941	651	1218	824	801	812	919	831	630	704	691	785	451	717
1965	2318	2516	2383	2399	2587	2085	1902	2097	1674	1755	1957	1480	2720	2653	2042	1913	1773	1656	1905	1804
1966	713	606	713	733	566	865	657	643	689	570	563	678	653	571	593	634	542	626	663	574
1967	1308	912	1140	904	745	821	660	689	952	600	1312	300	723	913	681	691	767	766	812	942
1968	791	855	872	917	775	802	747	717	825	922	970	861	872	880	1369	1382	1141	1709	1891	1892
1969	1203	1150	1183	920	903	1056	997	960	1026	921	732	806	824	859	766	876	747	716	685	769
1970	1468	1596	1175	1393	1333	1477	1362	1270	1527	1041	1129	1104	1068	869	960	1128	654	978	886	815

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	991	891	848	894	776	760	706	873	706	600	740	1357	1754	1117	913	854	877	861	1240
1942	1036	1059	1043	1031	827	1049	826	849	949	769	890	705	837	672	906	639	617	718	677
1943	2472	2509	2404	2325	2303	2145	2016	1848	1868	2033	1608	1490	1672	1704	1570	1432	1519	1397	1520
1944	1032	1089	1124	1007	865	917	731	675	1018	820	650	665	674	707	647	621	644	703	619
1945	1113	1029	1248	985	1109	992	1039	1307	979	988	1084	926	890	840	788	853	767	801	635
1946	1325	1289	1241	1032	1020	1124	1138	993	947	870	867	870	895	684	933	734	989	590	772
1947	865	900	972	902	913	857	796	799	631	735	737	761	649	733	699	698	696	695	693
1948	822	842	841	811	789	782	775	759	748	745	751	751	735	715	694	697	693	695	693
1949	714	1286	686	531	614	519	568	576	606	736	686	737	708	848	758	765	892	780	745
1950	1557	2489	1707	1301	1602	1840	1591	1597	1323	1350	1472	1452	1300	1400	1136	1127	1017	1025	949
1951	1515	1604	1521	1631	1721	1769	1389	1309	1254	1341	1165	1414	892	1130	968	867	816	1110	976
1952	1299	2104	1336	1563	1186	1213	1262	1486	1364	1243	1214	1188	998	1392	1495	804	823	1077	948
1953	1536	1670	1619	1409	1501	1490	1492	1230	1206	1197	1027	1203	1314	962	1178	1293	1130	1048	1017
1954	1329	1415	1293	1140	1100	1350	1152	1263	1219	1191	1196	1103	1273	1139	1300	876	1135	770	1052
1955	1282	1295	1107	861	947	833	1200	965	1143	1146	997	809	846	1051	1203	731	925	877	966
1956	1502	1545	1457	1749	1389	1216	1096	1426	676	1244	947	914	1199	1038	808	1095	1214	222	1164
1957	1264	1088	1165	1007	1461	709	1196	995	898	986	948	765	860	761	728	807	605	842	764
1958	1810	1460	1498	1327	1130	1342	1340	1026	932	1309	1276	892	1061	930	899	1096	661	980	934
1959	1308	1203	1053	245	735	518	563	952	825	(-21)	1142	262	1044	442	1146	(-229)	837	698	572
1960	924	855	969	822	879	684	665	557	721	492	852	476	545	623	463	413	966	666	949
1961	624	752	639	716	635	809	370	270	499	846	513	554	588	793	715	1036	673	646	478
1962	1505	1139	1311	1106	1036	1241	1081	1057	533	1380	972	852	725	1164	821	758	698	706	808
1963	1062	1199	1146	1002	985	924	1025	1047	870	1159	1084	1005	748	947	888	607	759	886	816
1964	1218	1208	1101	1113	1110	1008	941	651	1218	824	801	812	919	831	630	704	691	785	451
1965	2318	2516	2383	2399	2587	2085	1902	2097	1674	1755	1957	1480	2720	2653	2042	1913	1773	1656	1905
1966	713	606	713	733	566	865	657	643	689	570	563	678	653	571	593	634	542	626	663
1967	1308	912	1140	904	745	821	660	689	952	600	1312	300	723	913	681	691	767	766	812
1968	791	855	872	917	775	802	747	717	825	922	970	861	872	880	1369	1382	1141	1709	1891
1969	1203	1150	1183	920	903	1056	997	960	1026	921	732	806	824	859	766	876	747	716	685
1970	1468	1596	1175	1393	1333	1477	1362	1270	1527	1041	1129	1104	1068	869	960	1128	654	978	886

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

AUGUST

3	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
14	1117	913	854	877	861	1240	962	832	878	800	709	864	813	815	701	752	710	654	27,248
17	672	906	639	617	718	677	567	574	734	565	674	586	571	602	519	621	635	648	23,395
72	1704	1570	1432	1519	1397	1520	1192	1269	1234	1301	1105	1311	1174	1220	1160	1125	1136	1180	50,242
74	707	647	621	644	703	619	499	579	547	596	546	525	523	599	502	603	511	394	21,632
90	840	788	853	767	801	635	735	765	746	665	750	515	584	579	570	657	585	291	25,815
95	684	933	734	989	590	772	811	768	705	934	790	904	919	808	919	899	763	776	28,309
49	733	699	698	696	695	693	692	693	692	691	692	692	690	688	684	709	676	754	23,084
35	715	694	697	693	695	693	682	683	673	675	676	675	677	667	652	644	636	628	22,306
108	848	758	765	892	780	745	690	617	525	544	602	589	459	600	515	544	549	571	20,560
100	1400	1136	1127	1017	1025	949	976	1019	1059	945	1010	1094	894	863	960	801	729	725	38,310
92	1130	968	867	816	1110	976	759	841	1461	672	834	1197	994	934	805	840	766	990	35,485
998	1392	1495	804	823	1077	948	1009	1137	980	1305	992	532	571	850	903	633	372	1101	34,380
314	962	1178	1293	1130	1048	1017	1208	1001	1176	1110	879	959	975	1012	804	1132	989	856	36,623
273	1139	1300	876	1135	770	1052	746	1105	1324	843	1048	776	926	775	960	960	749	672	33,180
846	1051	1203	731	925	877	966	1004	1023	936	843	611	798	630	778	638	886	863	183	28,377
199	1038	808	1095	1214	222	1164	474	1180	518	926	818	866	946	342	777	767	1252	600	31,367
860	761	728	807	605	842	764	490	786	792	265	746	610	1117	940	189	1104	589	495	25,972
1061	930	899	1096	661	980	934	998	848	892	731	378	803	690	699	627	992	639	683	30,883
1044	442	1146 (-229)	837	698	572	1495	1131	898	948	777	856	968	775	800	782	181	1310		24,216
545	623	463	413	966	666	949	537	717	579	706	759	978	914	773	782	759	767	1087	22,879
588	793	715	1036	673	646	478	733	635	688	427	612	653	674	839	688	614	681	630	20,030
725	1164	821	758	698	706	808	938	846	834	893	758	780	813	679	805	785	972	730	28,726
748	947	888	607	759	886	816	1456	93	286	1315	(-5)	815	771	591	752	806	897	719	26,655
919	831	630	704	691	785	451	717	289	1027	788	689	700	689	391	448	768	688	836	25,046
2720	2653	2042	1913	1773	1656	1905	1804	2075	1835	2112	3175	205	1576	1437	1397	1179	1255	1298	59,163
653	571	593	634	542	626	663	574	689	599	525	527	504	548	655	775	691	571	650	19,526
723	913	681	691	767	766	812	942	939	353	875	675	809	650	629	661	1012	617	692	24,550
872	880	1369	1382	1141	1709	1891	1892	1869	1729	1751	1547	1301	1227	1179	1174	1078	1011	1044	36,100
824	859	766	876	747	716	685	769	806	701	555	670	517	696	724	702	686	765	718	25,639
1068	869	960	1128	654	978	886	815	349	746	715	1117	394	696	529	862	829	716	332	30,518

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	638	610	690	733	613	665	664	666	678	696	658	617	771	763	824	652	730	727	655	70
1942	590	698	519	647	559	574	499	521	533	505	620	622	681	634	606	647	627	619	554	77
1943	1164	1144	1073	1106	1027	1032	957	1034	987	826	809	1008	861	966	842	859	738	753	662	81
1944	416	563	575	641	562	728	670	609	577	560	528	764	413	532	432	443	467	546	726	72
1945	685	629	583	565	528	608	543	508	658	508	659	629	572	538	174	651	625	611	646	66
1946	728	643	628	841	671	764	851	794	881	756	762	687	681	657	578	675	703	926	886	957
1947	706	682	686	610	606	562	639	637	636	710	706	700	698	692	682	672	668	606	632	628
1948	634	626	621	625	630	634	630	634	634	578	575	585	644	617	606	595	539	521	517	485
1949	495	544	503	455	433	308	516	467	515	598	588	732	597	566	602	523	494	599	430	492
1950	896	632	821	643	507	515	497	541	1024	1752	1298	929	756	817	986	723	922	721	532	1160
1951	756	841	1124	617	775	617	709	570	768	848	643	616	692	904	596	696	736	609	534	318
1952	873	760	1022	997	666	854	692	727	630	634	856	765	738	2155	1049	739	1014	709	699	1277
1953	834	982	975	1043	835	897	937	938	805	874	923	837	850	636	805	802	583	869	794	709
1954	817	692	659	610	820	529	500	646	636	686	544	709	713	627	860	898	605	1024	860	772
1955	517	573	605	582	896	381	450	648	567	880	919	714	174	588	529	705	858	929	926	716
1956	801	1317	499	951	1207	1087	1141	1163	1133	1087	931	988	1039	996	1094	813	684	927	777	598
1957	383	908	1223	1448	633	882	956	854	924	926	778	967	800	706	928	917	799	759	848	1109
1958	746	750	1069	1070	1196	1211	989	870	716	1286	1071	623	1131	870	1166	1035	910	910	608	1313
1959	888	919	984	1104	678	482	891	232	469	723	923	670	781	822	1575	1793	1130	711	1523	1743
1960	876	657	500	706	1541	897	670	678	690	712	802	783	805	1146	962	1097	817	936	811	976
1961	346	629	778	556	634	592	372	633	509	729	761	635	676	559	552	592	701	1050	517	716
1962	830	799	719	774	742	963	792	670	696	749	775	829	880	836	784	892	889	789	676	711
1963	1037	1188	920	801	740	858	628	1169	1067	873	783	730	840	784	1015	864	798	898	969	1013
1964	1017	1203	1251	941	715	827	1167	732	831	654	667	735	788	735	880	1167	1088	687	889	933
1965	1190	1130	1228	952	1147	1048	1049	1262	2065	1723	1553	1254	1429	1344	1493	756	1889	1156	1367	1384
1966	598	629	583	589	570	616	59	585	474	769	1098	591	939	681	580	983	825	815	675	839
1967	785	725	800	748	689	771	847	763	872	715	821	883	953	773	835	818	739	711	717	783
1968	925	974	972	943	905	953	791	1018	961	-91	1316	1327	893	824	788	1004	865	818	835	940
1969	769	688	626	669	698	801	815	743	679	773	896	815	845	747	792	806	845	817	789	979
1970	814	710	759	700	828	938	842	469	1289	918	761	806	760	641	920	842	869	810	830	1172

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

SEPTEMBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
763	824	652	730	727	655	708	701	730	730	732	732	754	708	715	718	582		20,860
634	606	647	627	619	554	775	619	673	596	505	638	546	531	580	481	549		17,748
966	842	859	738	753	662	814	631	1019	716	777	768	707	851	844	838	783		26,596
532	432	443	467	546	726	725	680	685	660	629	645	616	611	444	541	688		17,676
538	174	651	625	611	646	667	669	776	995	1352	1028	399	704	681	675	644		19,510
657	578	675	703	926	886	957	841	856	866	864	711	691	595	660	805	678		22,636
692	682	672	668	606	632	628	627	650	643	621	599	555	584	604	608	584		19,233
617	606	595	539	521	517	485	519	497	518	554	576	606	739	771	820	760		18,290
566	602	523	494	599	430	492	475	516	481	571	497	688	442	217	464	780		15,588
817	986	723	922	721	532	1160	849	717	696	782	793	835	218	668	922	936		24,088
904	596	696	736	609	534	318	805	298	729	717	778	833	704	924	706	812		21,275
2135	1049	739	1014	709	699	1277	965	580	818	461	791	322	1434	1014	542	144		24,927
636	805	802	583	869	794	709	913	826	706	693	835	390	486	1090	1117	180		24,164
627	860	898	605	1024	860	772	522	702	765	838	577	402	742	595	695	789		20,834
588	529	705	858	929	926	716	235	799	635	880	890	788	879	770	630	734		20,397
996	1094	813	684	927	777	598	(-308)	1006	601	1176	825	970	854	936	1041	1524		27,858
706	928	917	799	759	848	1109	823	950	1016	885	798	962	1095	643	837	926		26,683
870	1166	1035	910	910	608	1313	802	541	224	818	825	1117	548	847	835	1115		27,212
822	1575	1793	1130	711	1523	1743	2087	1388	1467	1071	1218	1497	1804	1581	1498	1165		33,817
1146	962	1097	817	936	811	976	837	818	858	706	595	1044	280	259	(-62)	725		23,122
559	552	592	701	1050	517	716	722	779	824	747	609	555	469	648	632	584		19,106
836	784	892	889	789	676	711	951	802	887	903	1016	740	752	914	1023	1010		24,793
784	1015	864	798	898	969	1013	1265	1148	1214	1165	1067	1055	944	848	945	742		28,368
735	880	1167	1088	687	889	933	859	784	903	965	865	785	849	805	820	857		26,399
1344	1493	756	1889	1156	1367	1384	1306	1242	1170	1297	1296	1226	1174	1040	1180	1276		38,626
681	580	983	825	815	675	839	628	610	662	120	600	412	706	663	463	521		18,883
773	835	818	739	711	717	783	390	971	495	647	832	746	716	144	1039	980		22,708
824	788	1004	865	818	835	940	1027	1067	1001	964	958	1006	938	927	876	900		27,625
747	792	806	845	817	789	979	1116	1035	891	787	867	861	827	773	792	798		24,339
641	920	842	869	810	830	1172	1089	1250	1351	1178	1020	1097	949	1034	950	879		27,475

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	592	699	661	649	748	781	812	797	732	715	591	676	783	804	698	802	849	849	797
1942	567	748	695	662	697	665	659	684	454	502	459	605	740	744	844	563	683	718	692
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940	1122	939	927	1006	876	1012
1944	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807	673
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746	689	777	846
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995
1947	536	648	559	703	619	638	645	518	632	876	803	947	941	874	777	822	2138	1452	1234
1948	631	616	536	551	715	779	728	755	791	697	698	742	742	750	748	751	778	783	780
1949	523	572	575	794	757	945	995	893	834	861	999	851	855	817	777	801	825	834	746
1950	1159	1164	672	1056	1194	796	1258	919	1006	1431	840	1014	(-111)	1519	968	971	971	971	971
1951	971	1440	1748	1289	992	1113	1240	1236	681	948	1367	828	1338	1565	940	1752	1489	564	1047
1952	649	575	1515	745	854	547	1021	718	1198	565	690	798	489	891	948	855	759	976	789
1953	1120	651	838	320	945	660	269	725	668	864	516	931	733	866(-1531)	1483	874	834	911	998
1954	476	1023	737	736	706	880	829	842	870	586	(-133)	1942	679	952	(-610)	1111	1246	907	863
1955	982	835	426	380	798	711	587	929	920	1102	194	1254	986	1257	622	1702	660	591	1042
1956	1428	1040	1210	1055	955	1001	1050	956	1066	1386	1095	1440	1132	1153	591	834	767	1098	993
1957	961	862	354	826	(-675)	684	1015	1104	994	932	940	1008	1004	896	1321	824	826	787	740
1958	1068	969	983	968	1033	986	976	470	344	825	746	841	866	851	770	788	785	624	910
1959	1375	1133	1082	1038	897	1079	945	1358	1470	2135	1743	1741	1946	1248	1732	1360	1229	1076	1485
1960	689	371	550	83	378	684	1291	649	946	841	1051	1422	1067	748	716	715	648	655	790
1961	814	901	565	856	942	964	883	1058	436	487	1211	1020	819	963	801	786	765	686	641
1962	827	872	748	647	853	729	828	747	937	1148	1471	1452	1927	1567	2636	1803	1389	1570	1213
1963	857	688	757	910	881	755	1003	1209	307	1201	1319	804	785	1123	695	1200	917	803	728
1964	599	678	780	782	818	657	804	787	776	904	792	689	548	812	716	950	791	730	778
1965	1041	1290	1004	1182	999	1286	1016	1133	1135	1052	1171	1312	914	1044	1379	1121	1123	1093	965
1966	651	333	1002	503	537	539	516	710	733	654	617	595	766	707	335	807	884	686	569
1967	1044	1100	916	1040	871	835	556	1006	1587	1036	927	1027	989	630	895	1135	687	797	670
1968	914	870	752	865	879	836	781	864	689	774	800	897	1096	1480	1748	1833	1437	1267	1115
1969	866	835	950	929	833	870	872	834	(-525)	2460	1202	965	1273	1068	915	927	1060	981	899
1970	908	804	1003	914	716	855	856	960	869	1046	1178	1413	915	880	858	854	761	915	829

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

OCTOBER

	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1	804	808	802	849	849	797	855	902	900	761	755	870	840	882	842	914	876	868		24,300	
2	784	824	863	683	718	692	895	720	764	720	760	651	626	702	792	737	835	699		21,282	
3	1122	939	927	1006	876	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301		30,901	
4	811	852	842	821	807	673	632	598	664	671	674	693	659	958	436	669	638	718		20,414	
5	842	863	746	689	777	846	792	814	838	768	797	776	785	800	781	802	819	924		22,911	
6	808	832	863	993	910	993	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118		33,697	
7	874	777	822	2138	1432	1234	1063	981	1002	977	947	915	850	813	954	995	1143	1120		28,122	
8	730	748	731	778	703	780	781	782	722	738	741	735	736	734	675	686	685	735		22,321	
9	817	777	801	823	834	746	749	703	812	825	826	852	803	707	744	752	835	780		24,642	
10	1319	968	971	971	971	971	971	974	973	974	971	972	991	718	(-569)	1538	1588	1950		30,820	
11	1383	840	1732	1489	564	1047	1923	1634	512	703	2189	1316	1247	1554	2152	1275	1177	1422		39,652	
12	881	848	835	739	976	789	875	809	1033	1026	753	831	587	892	1249	1315	631	471		26,054	
13	866	(-1331)	1483	874	834	911	998	659	916	769	735	906	902	974	628	791	789	691		22,435	
14	932	(-610)	1111	1246	907	863	851	905	891	846	849	659	715	1018	883	761	732	824		24,666	
15	1037	622	1702	660	391	1042	840	821	769	919	722	645	883	698	1023	706	746	1102		25,852	
16	1133	391	834	767	1098	993	1042	800	909	1055	900	907	1336	1165	1318	1130	1443	1051		33,306	
17	896	1321	824	826	787	740	834	923	1036	930	1020	914	1088	988	1165	753	1076	908		27,058	
18	831	770	788	783	684	910	865	955	798	498	967	960	900	815	696	748	887	1029		25,921	
19	1248	1732	1360	1229	1076	1485	1213	1612	1190	1284	2293	1644	1448	1315	1657	1256	1106	1364		43,454	
20	748	716	713	648	633	790	721	743	742	719	594	824	797	761	509	1030	1020	768		23,522	
21	963	801	786	763	686	641	712	707	780	847	805	791	681	1175	1107	1287	725	860		26,075	
22	1367	2636	1803	1389	1370	1213	1234	929	1285	1082	981	954	1091	967	1103	847	783	906		35,526	
23	1123	893	1200	917	803	728	943	723	838	712	795	778	1064	766	643	782	753	779		26,520	
24	812	716	930	791	730	778	709	689	735	741	707	816	775	778	913	780	928	742		23,704	
25	1044	1379	1121	1123	1093	963	993	1042	1004	981	942	1191	1228	665	838	896	609	1076		32,725	
26	707	333	807	884	686	369	603	627	706	772	756	742	707	587	687	420	619	682		20,054	
27	830	893	1133	687	797	670	746	772	1166	639	767	874	717	767	1001	1419	1623	961		29,200	
28	1200	1740	1833	1437	1267	1113	1026	1273	1067	404	857	1161	937	916	1101	912	955	1109		31,615	
29	1008	913	927	1060	981	899	853	832	851	881	809	964	920	585	774	892	774	695		28,044	
30	888	838	834	761	913	829	863	1037	981	1116	1368	1137	1129	970	806	903	1015	918		29,977	

NATURAL FLOW OF BOISE

BEGINNING 1941

NOVEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	781	821	822	930	1393	1076	1022	894	905	852	802	903	780	894	1387	2533	1954	1566	1420
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186	1150
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967	1087
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682	577
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888	936
1946	1031	1033	929	844	934	947	1063	971	983	972	1028	937	844	850	944	936	856	947	1115
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928	1024
1948	813	1214	1689	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883	854
1949	805	700	726	794	680	690	694	774	990	1089	971	841	855	896	911	871	796	794	789
1950	1073	2011	1952	1253	1350	1264	1461	1647	1640	1352	950	1333	1115	1313	1197	1140	1183	1327	1659
1951	1030	906	1003	1365	1001	1304	1093	827	1116	447	147	1470	1072	1368	952	1394	87	1272	53
1952	401	562	788	1205	800	921	921	778	625	635	523	1159	1188	1634	1240	843	525	947	894
1953	678	951	844	716	853	798	735	1074	763	749	1072	921	916	803	829	957	776	784	732
1954	773	403	949	810	888	743	663	713	717	728	709	914	961	891	903	1181	1329	1059	907
1955	973	847	778	561	910	824	838	702	880	881	1074	1000	858	939	1029	478	613	1034	1115
1956	1245	1077	1093	1225	906	997	1220	964	1172	1182	1213	1248	1087	1024	934	841	1052	1114	1167
1957	823	899	1037	894	733	536	682	969	635	792	1181	804	908	1081	1332	827	843	721	432
1958	606	567	752	930	869	764	1436	2330	1567	1066	1436	1047	1039	1297	1571	824	591	947	862
1959	1268	1246	1236	1165	1207	818	1199	1039	1152	978	984	1116	1017	652	518	718	1102	847	1010
1960	554	980	805	836	1038	595	849	735	763	730	737	795	1333	1091	748	904	368	1466	1201
1961	745	806	941	901	1098	467	619	148	1618	546	1192	991	540	689	1031	941	610	546	650
1962	1429	856	1207	484	1267	784	1066	1083	1031	456	898	1071	1322	1255	1441	522	569	794	941
1963	689	943	720	832	956	1054	1007	1099	1526	1654	1473	1043	769	1083	1558	1547	1623	1337	996
1964	684	774	1180	810	760	696	816	883	851	736	957	988	922	632	589	665	478	576	1132
1965	1090	1006	1047	805	856	1036	884	884	1062	937	849	763	1176	1100	1316	1307	1025	1217	1346
1966	539	753	625	652	532	722	931	1061	733	709	741	874	602	908	1554	1010	1061	963	681
1967	1213	942	1007	721	832	919	677	856	330	1118	1271	955	1010	874	976	946	1136	832	1143
1968	1076	936	1088	1161	1105	953	931	831	1114	1747	1639	1605	2072	1694	1538	1299	1228	1430	1420
1969	600	947	1020	670	920	332	1661	1106	954	626	1058	653	820	712	690	823	1024	915	678
1970	989	1124	958	941	928	1067	1221	1167	1125	1518	1441	1610	1075	1140	1026	1053	1052	1071	1078

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

NOVEMBER

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
2	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
6	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
5	860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581		26,100
0	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
0	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
5	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,791
2	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
6	911	871	796	734	789	764	726	630	792	1425	1580	1368	1300	1348	1197	1905		28,581
3	1197	1140	1183	1327	1659	1697	1595	1881	1274	1274	1366	1406	1356	1455	1228	1472		42,224
58	952	1394	87	1272	53	2770	775	1279	1051	898	886	863	1518	1230	1330	1209		31,716
34	1240	843	525	947	894	961	643	1021	708	248	853	123	845	946	822	562		24,321
09	829	957	776	784	732	528	609	1225	1989	2112	1272	666	1721	1369	1292	1130		29,864
91	903	1181	1329	1059	907	875	1050	803	883	786	783	876	749	795	742	506		25,089
39	1029	478	613	1034	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413		34,343
24	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238		31,232
81	1332	827	843	721	432	1252	1201	280	300	1521	413	1067	1053	1339	1098	421		26,074
97	1571	824	591	947	862	1345	1495	1612	1404	961	1068	926	448	517	646	975		31,898
52	518	718	1102	847	1010	1057	873	1112	1141	1276	1154	1232	806	753	855	895		30,426
91	748	904	368	1466	1201	1145	923	808	693	985	1226	972	1318	1027	706	590		26,921
89	1031	941	610	546	650	646	1092	839	1327	1142	894	1154	905	971	868	913		25,830
55	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162		32,507
83	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		33,499
32	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154		27,144
00	1316	1307	1025	1217	1346	1017	1041	1117	1063	1156	1019	1088	1125	903	862	512		30,609
08	1554	1010	1061	963	681	667	996	1071	758	389	628	525	492	247	755	1078		23,257
74	976	946	1136	832	1143	1254	971	532	936	1091	896	920	888	478	680	1167		27,571
98	1538	1299	1228	1430	1420	1546	1183	1349	1192	1435	1784	1508	1107	1486	1023	1020		39,500
12	690	823	1024	915	678	723	739	765	697	734	671	669	802	671	603	584		23,867
40	1026	1053	1052	1071	1078	998	853	885	922	1618	5328	6031	3302	2480	2208	2326		48,535

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	943	947	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1838	1871
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	746	770	748	759	939	974
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870
1947	1182	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720
1949	1304	1122	1148	775	799	860	789	842	891	780	701	326	650	903	718	818	789	994	1106
1950	1398	1398	1485	1441	1551	1451	1561	1878	1630	1645	1760	1650	1652	2108	1284	1179	1669	1304	1206
1951	2368	3459	2250	2024	1569	1834	1117	879	711	916	962	1493	1338	1059	1098	754	1072	1273	1362
1952	723	779	1163	823	753	701	875	1006	902	742	931	938	1424	1071	1096	1443	879	733	444
1953	996	1167	917	971	1236	1037	677	1271	960	1221	1025	877	864	854	527	792	1004	968	526
1954	309	588	953	1001	682	902	817	859	702	604	707	858	712	913	817	697	454	504	967
1955	535	1329	854	1401	739	746	1021	1181	558	1705	1160	923	876	919	784	970	897	1438	1641
1956	385	1145	643	1060	1198	554	733	797	542	483	2817	2027	1978	2196	1817	1811	1316	1170	1588
1957	503	609	1285	630	553	1042	1317	1215	689	899	(-127)	1561	864	1238	1019	238	1458	1391	1035
1958	809	1308	1419	940	1271	1190	791	1164	1547	951	1404	3044	2870	2586	1169	1251	1932	1401	1286
1959	871	1051	725	1083	916	495	273	713	548	704	892	844	838	1003	571	829	735	862	931
1960	986	617	1099	1012	840	1310	397	(-309)	671	616	722	679	734	845	924	713	742	1054	1221
1961	832	1033	874	1052	1024	647	597	597	853	418	701	386	849	706	952	929	813	980	705
1962	1027	1132	1674	1987	1547	1338	1057	1415	1034	1168	826	737	806	902	1564	1156	1029	1149	1207
1963	715	815	774	635	870	495	1073	893	1024	746	999	1034	576	789	985	854	961	862	1124
1964	1168	1687	1680	1361	1039	949	819	734	816	1226	1288	1034	754	880	1116	989	597	592	651
1965	714	767	1091	1178	976	1193	963	665	749	971	1481	906	941	582	819	766	746	747	501
1966	842	804	784	1012	1147	955	912	679	1156	656	671	1049	666	1088	1283	795	444	670	998
1967	912	871	625	922	730	1014	957	854	698	700	1054	602	692	374	374	410	583	870	954
1968	1132	1183	1018	1251	1038	1290	974	942	1030	1127	1012	1105	1004	753	906	1082	1114	782	943
1969	567	616	727	646	743	722	606	873	835	1131	1155	1256	351	728	1115	536	836	798	831
1970	2435	1989	1858	1877	1493	1578	1638	2589	2722	2743	2154	1602	1423	1779	1566	1729	1766	1443	1116

NATURAL FLOW OF BOISE RIVER

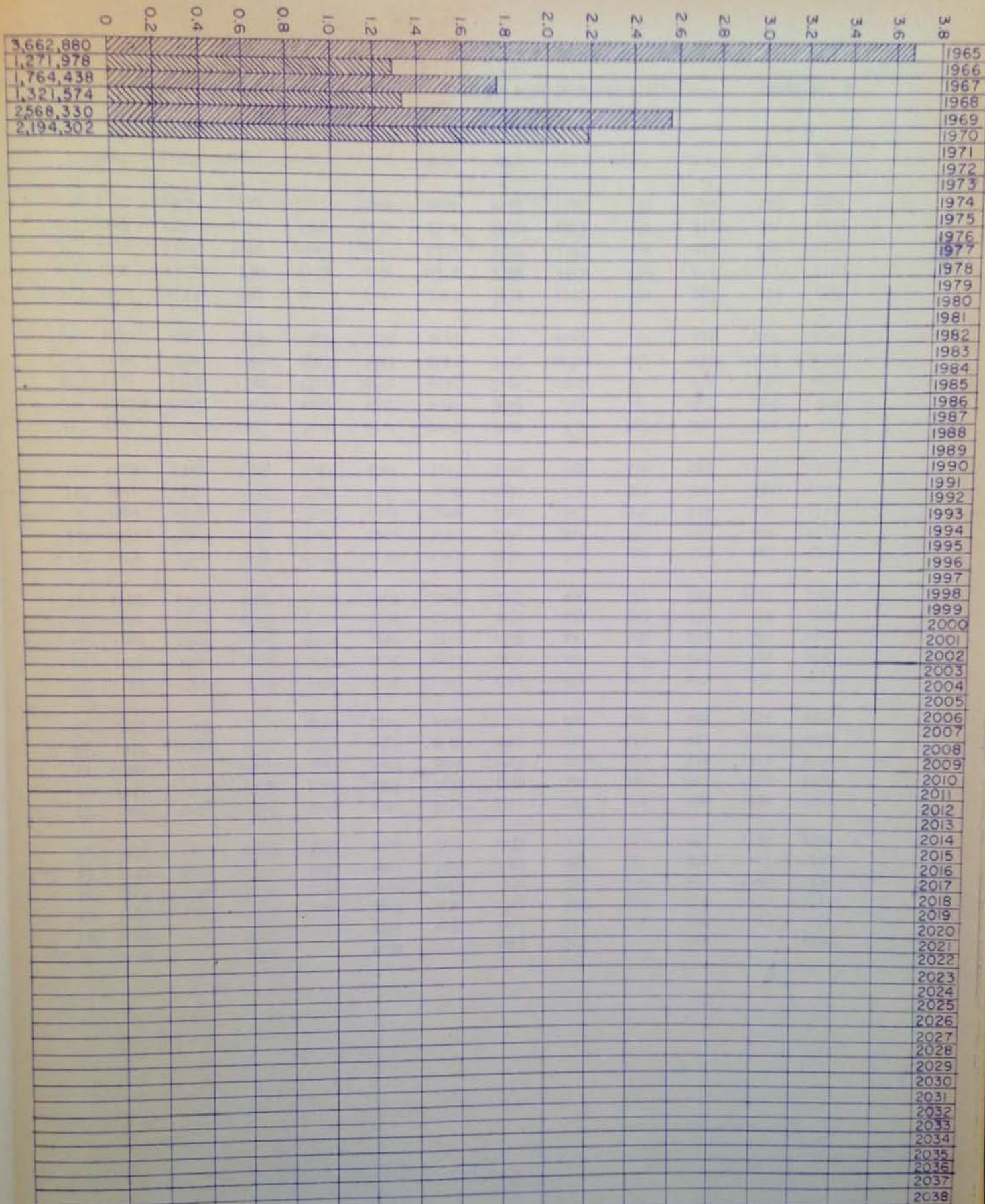
CHART NO. 2

BEGINNING 1941

DECEMBER

	4	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
06	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873		53,419
16	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620		40,891
46	770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994		27,884
06	464	505	765	610	640	866	1052	818	1137	906	839	783	615	621	588	906	826		21,451
71	568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587		37,356
53	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865		54,696
95	922	901	811	959	991	844	951	798	792	974	746	737	736	779	961	790	514		27,702
99	980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875		25,547
03	718	818	789	994	1106	565	729	778	931	907	764	779	795	975	725	739	748		25,750
08	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1248	670	907	1599	1440		44,493
59	1098	754	1072	1273	1362	807	959	2049	2046	1243	1237	629	1252	1145	1739	1438	1333		43,415
71	1096	1443	879	733	444	1164	658	1763	1202	71	227	465	806	1020	1020	579	922		27,323
354	527	792	1004	968	526	1599	1237	1317	791	503	829	717	1112	673	519	950	729		28,866
913	817	697	454	504	967	1329	246	(-288)	891	601	737	1043	1092	588	966	862	957		23,070
919	784	970	897	1438	1641	2250	2221	4106	16700	20551	11314	7381	5053	4416	3637	2732	2871		102,909
196	1817	1811	1316	1170	1588	897	932	1058	1009	605	1392	622	992	309	807	1031	840		34,754
238	1019	238	1458	1391	1035	1195	1001	1370	455	(-56)	2216	1268	1033	417	1472	809	465		29,064
586	1169	1251	1932	1401	1286	1009	1382	1356	1401	998	1312	1203	1269	1094	1039	690	901		41,987
003	571	829	735	862	931	897	593	685	623	1058	1251	972	814	716	717	353	694		24,257
845	924	713	742	1054	1221	995	493	751	892	632	951	955	558	871	860	418	734		23,983
706	952	929	813	980	705	1199	818	1295	789	966	1017	752	678	708	833	1044	889		25,936
902	1564	1156	1029	1149	1207	939	1127	994	1234	800	295	414	706	736	976	1145	838		32,959
789	985	854	961	862	1124	869	768	763	724	648	687	867	836	840	963	802	595		25,586
880	1116	989	597	592	651	760	1046	2152	18378	27294	19240	11963	8143	6823	5706	4580	3940		129,405
582	819	766	746	747	501	407	546	576	889	815	1030	924	829	1184	803	879	707		26,345
088	1283	795	444	670	998	573	1117	553	642	633	605	704	498	368	551	1074	630		24,559
374	374	410	583	870	954	724	994	740	527	880	1213	940	720	1243	865	766	899		24,707
753	906	1082	1114	782	943	779	679	899	950	946	1335	1476	1180	1113	822	1040	879		31,784
728	1115	536	836	798	831	1017	1074	1426	1387	1266	865	945	919	767	834	355	548		26,475
779	1566	1729	1766	1443	1116	668	1332	1424	1338	996	953	1283	1122	1277	1703	1364	1297		50,257

RUNOFF IN MILLIONS OF ACRE-FEET



ANNUAL RUNOFF OF BOISE RIVER
AT DIVERSION DAM
CORRECTED FOR HOLDOVER STORAGE

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 75 YEAR PERIOD, 1895 THRU 1970

CHART NO. 3

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1139	1201	1620	3645	7004	8498	4259	1221	755	792	895	1091
2.	1126	1220	1731	3767	7123	8370	4090	1223	771	816	924	1154
3.	1146	1210	1636	4025	7163	8338	3936	1163	764	827	980	1125
4.	1050	1303	1630	4133	7356	8318	3788	1113	756	813	913	1157
5.	1029	1325	1647	4237	7540	8219	3652	1095	754	803	952	1069
6.	1059	1266	1692	4399	7732	8163	3462	1063	739	774	924	1055
7.	1064	1264	1698	4625	7949	8210	3353	1026	726	849	959	1006
8.	1029	1367	1768	4742	8140	8237	3184	1012	721	871	951	1003
9.	1042	1365	1909	4840	8290	8106	3059	986	755	835	964	984
10.	1051	1326	1897	5114	8400	8040	2910	958	755	901	980	986
11.	1022	1267	1906	5327	8348	7733	2783	962	779	864	1009	1065
12.	1011	1270	1946	5504	8293	7679	2673	917	764	920	987	1189
13.	1004	1276	1962	5849	8309	7646	2540	942	762	878	938	1123
14.	1031	1308	1987	6231	8343	7557	2391	924	775	893	961	1114
15.	1109	1307	2032	6447	8439	7307	2290	911	789	852	987	1046
16.	1158	1316	2098	6691	8462	7245	2197	870	791	927	1001	1004
17.	1107	1350	2197	6728	8454	7056	2064	858	783	902	942	1022
18.	1106	1310	2319	6950	8624	6856	1959	842	769	884	994	1010
19.	1176	1303	2518	7078	8689	6653	1871	864	755	884	962	1040
20.	1182	1332	2649	6894	8601	6528	1781	851	807	890	1054	1015
21.	1204	1385	2713	6810	8625	6332	1711	838	766	892	1072	1030
22.	1276	1408	2808	7013	8562	6148	1669	821	773	881	1148	1098
23.	1294	1415	2867	7085	8561	5882	1601	816	764	879	1213	1510
24.	1271	1494	2929	7082	8715	5652	1538	798	781	920	1178	1659
25.	1266	1487	3005	7107	8784	5376	1507	755	778	900	1202	1461
26.	1202	1479	3047	7178	8872	5156	1455	778	763	897	1163	1256
27.	1187	1560	3144	7291	8843	5203	1406	755	721	890	1121	1181
28.	1189	1585	3200	7249	8808	4809	1370	752	751	897	1040	1152
29.	1161	1463	3372	7165	8693	4620	1328	768	765	919	1032	1219
30.	1176		3462	7071	8554	4458	1283	748	779	906	1085	1166
31.	1173		3533		8568		1263	742		919		1130

NATURAL FLOW HIGH YEARS
PRODUCTION OVER 2,700,000 ACRE FT.

CHART 3-A

<u>YEAR</u>	<u>AMOUNT PRODUCED OCT 1 - SEPT. 30</u>	<u>HIGH-MONTH</u>	<u>AMOUNT PRODUCED FOR MONTH</u>	<u>HIGH-DAY</u>	<u>24 HR. CFS AMOUNT PRODUCED</u>	<u>INSTANTANIOUS HIGH DURING THE DAY</u>
1895-1896	3,301,142	JUNE	1,464,280	JUNE 14	35,500	
1898-1899	2,914,444	JUNE	731,400	(MAY 10-1899) JUNE 20	19,000 18,700	
1903-1904	3,029,516	MAY	828,600	(APRIL 15-1904) MAY 23	19,700 18,700	
1906-1907	3,207,380	MAY	683,520	(APRIL 15-1907) MAY 19	17,000 13,400	
1908-1909	2,744,790	JUNE	655,220	JUNE 5 & 6	16,000	
1909-1910	2,756,360	APRIL	609,980	(MARCH 22-1910) APRIL 12	16,600 12,000	
1920-1921	2,905,074	MAY	824,038	MAY 17	18,739	
1942-1943	3,563,670	APRIL	1,006,532	APRIL 18	25,040	
1951-1952	2,866,216	MAY	901,634	MAY 5	18,955	
1955-1956	3,173,886	MAY	841,354	MAY 25	22,949	
1964-1965	3,662,880	MAY	836,232	DECEMBER 24	27,294	44,000

TOTAL MONTHLY FLOW OF BOISE I

FOR IRRIGATION YEARS BEGINN

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	1
1895-96	57040	54980	50780	73440	67660	157560	295040	555382	1464280	3
1896-97	54220	61300(3)	64600	50520	55240	88000	476000(5)	508000(6)	415000(5)	14
1897-98	63420	64100	61500(7)	34100	67200	119280	251700	320280	299360	11
1898-99	53262	56242	151640	160600	78640	113900	425740	608020	731400	33
1899-1900	83664	90000	97000	125420	100500	305220	380120	510720	300640	8
1900-01	63570	61880	65060	79440	98340	179320	305900	626460	287420	11
1901-02	56464	55892	76400	61300	90440	88920	213470	353460	287160	10
1902-03	45630	54418	63474	81760	63570	143360	448220	520620	601880	14
1903-04	58554	67800(7)	67800	124000(1)	108000(1)	264140	671840	828600	521060	20
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	229820	247660	78
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	163
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673540	683520	534560	335
1907-08	57890	55970	63300	67190	63282	141130	382320	370360	324780	197
1908-09	68440	59280	58000	138160	110680	228840	473220	605240	655220	226
1909-10	63140	200560	124760	79900	66600	566900	609980	511760	310360	1100
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	2330
1911-12	66670	66700	63500	78420	76120	99580	340920	684180	677560	1739
1912-13	66960	67820	60680	53800	51400	101800	374960	573740	413420	1586
1913-14	63524	80180	61384	71196	74968	216040	469040	553660	307700	1241
1914-15	69684	58366	44800	59580	59726	94782	196558	274128	191900	838
1915-16	42410	45626	53346	49930	63262	197486	555062	563752	594764	29381
1916-17	59106	54020	53702	47628	47694	61740	267082	654156	643322	26021
1917-18	46004	49506	128592	113828	77736	181442	346040	409954	462460	11252
1918-19	64292	56578	49118	50532	52844	114916	395854	509192	240872	6973
1919-20	47968	56548	53010	66528	66714	89254	189044	449730	333468	11732
1920-21	59966	75678	67106	112422	94098	271472	394484	824038	718728	17539
1921-22	55492	78176	89958	60982	53180	113692	319642	752474	659864	14806
1922-23	52168	48886	52872	62094	50860	92700	273726	454010	376208	19250
1923-24	61592	52930	51286	48954	72446	63550	136450	243200	76792	35296
1924-25	39218	53862	42912	48414	129386	192378	501862	700486	367370	152596
1925-26	58424	51382	63482	48416	64264	140450	232784	247930	104636	42192
1926-27	34882	67640	84702	62700	107342	185560	374434	660044	729736	234042
1927-28	67804	143162	98102	90026	79090	276560	316008	852194	305760	115962
1928-29	49856	50404	46770	46690	49214	106834	179238	359536	285968	96482
1929-30	39356	36848	69548	44778	64388	103616	274178	295246	257700	77726

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	
243140	395220	225700	152380	63620	58000	1,559,520	
295040	555382	1464280	385520	81960	57500	3,301,142	
476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,950	
251700	320280	299360	116848	45720	39168	1,482,676	(1) MEAN OF 4 HIGH YEAR
425740	608020	731400	356160	109940	68900	2,914,444	
380120	510720	300640	84156	53500	51212	2,182,152	(2) SUBSTITUTED FROM 19
305900	626460	287420	116400	52222	49704	1,985,716	(3) SUBSTITUTED FROM 19
213470	353460	287160	106720	49496	40914	1,480,636	
448220	520620	601880	147580	53000	46344	2,269,856	(4) MISSING DAYS SUBSTIT
671840	828600	521060	201920	71972	43830	3,029,516	
176200	229820	247660	78860	39870	34660	1,183,050	(5) MISSING DAYS SUBSTIT
337920	428100	346980	163340	52410	41090	1,703,390	YEAR MEAN
673540	683520	534560	335840	101600	62070	3,207,380	(6) MISSING MONTHS SUBSTIT
382320	370360	324780	197960	64920	55524	1,844,626	YEAR MEAN
473220	605240	655220	226800	63690	57220	2,744,790	
609980	511760	310360	110040	55970	56390	2,756,360	(7) INTERPOLATED
323960	549120	740660	233040	74906	59636	2,494,052	(8) AVERAGE OF 5 SHORT WA
340920	684180	677560	173980	83380	66080	2,477,090	
374960	573740	413420	158660	82964	54290	2,060,494	
469040	553660	307700	124130	58742	52654	2,133,218	
196558	274128	191900	83872	40926	39672	1,213,994	
555062	563752	594764	293818	80102	53686	2,593,244	
267082	654156	643322	260216	65224	43950	2,257,840	
346040	409954	462460	112526	56292	51122	2,035,502	
395854	509192	240872	69736	36404	34262	1,674,600	
189044	449730	333468	117324	40586	39234	1,549,408	
394484	824038	718728	175390	62908	48784	2,905,074	
319642	752474	659864	148066	65210	47974	2,444,710	
273726	454010	376208	192504	67552	42946	1,766,526	
136450	243200	76792	35296	24426	25320	892,242	
501862	700486	367370	152598	60730	47302	2,336,518	
232784	247930	104636	42192	30858	29480	1,114,298	
374434	660044	729736	234042	74454	57570	2,673,106	
316008	852194	305760	115962	51846	38016	2,434,530	
179238	359536	285968	96482	35716	31802	1,338,510	
274178	295246	257700	77726	44922	36050	1,344,356	

ER - IN ACRE FEET

G 1894 - 1895

CHART NO. 4

JULY	AUGUST	SEPTEMBER	TOTAL
1380	63620	58000	1,559,520
520	81960	57500	3,301,142
1300	67250	62520	2,045,950
848	45720	39168	1,482,676
5160	109940	68900	2,914,444
1156	53500	51212	2,182,152
5400	52222	49704	1,985,716
5720	49496	40914	1,480,636
7580	53000	46344	2,269,856
1920	71972	43830	3,029,516
8860	39870	34660	1,183,050
3340	52410	41090	1,703,390
5840	101600	62070	3,207,380
7960	64920	55524	1,844,626
6800	63690	57220	2,744,790
0040	55970	56390	2,756,360
3040	74906	59636	2,494,052
3980	83380	66080	2,477,090
8660	82964	54290	2,060,494
4130	58742	52654	2,133,218
3872	40926	39672	1,213,994
3818	80102	53686	2,593,244
0216	65224	43950	2,257,840
2526	56292	51122	2,035,502
9736	36404	34262	1,674,600
7324	40586	39234	1,549,408
5390	62908	48784	2,905,074
8066	65210	47974	2,444,710
2504	67552	42946	1,766,526
5296	24426	25320	892,242
2598	60730	47302	2,336,518
2192	30858	29480	1,114,298
4042	74454	57570	2,673,106
5962	51846	38016	2,434,530
6482	35716	31802	1,338,510
7726	44922	36050	1,344,956

- (1) MEAN OF 4 HIGH YEARS
- (2) SUBSTITUTED FROM 1906
- (3) SUBSTITUTED FROM 1900
- (4) MISSING DAYS SUBSTITUTED FROM 1900
- (5) MISSING DAYS SUBSTITUTED FROM 21
YEAR MEAN
- (6) MISSING MONTHS SUBSTITUTED FROM 21
YEAR MEAN
- (7) INTERPOLATED
- (8) AVERAGE OF 5 SHORT WATER YEARS

TOTAL MONTHLY FLOW OF BO

FOR IRRIGATION YEARS B

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
1930-31	54512	45418	44108	44814	45298	91246	177172	251538
1931-32	31424	31224	36376	38612	36754	133826	336006	564176
1932-33	39142	56478	40596	43926	41136	64474	239342	341610
1933-34	41684	47684	55656	79680	78948	151696	249648	204008
1934-35	37226	49444	51208	52256	54336	83150	299458	428528
1935-36	33616	38268	37352	44612	47356	100060	577594	625906
1936-37	39772	36600	41556	37568	41728	89870	207358	381192
1937-38	36226	49828	115760	67492	71566	191026	505100	711314
1938-39	60626	67394	60980	52236	47170	164294	328918	341836
1939-40	40474	38998	49268	53858	75724	201512	355842	434480
1940-41	53168	59764	56634	54260	65368	113448	188300	365336
1941-42	48600	63200	106838	62182	63162	87804	341622	325576
1942-43	42564	64068	81782	153190	116564	235138	1006532	722804
1943-44	61802	70704	55768	49412	52610	68094	164000	303208
1944-45	40828	52200	42902	56270	80124	99160	202368	473146
1945-46	45822	53670	74712	79530	65808	218604	639804	651660
1946-47	67394	72214	109392	60364	87278	181276	289400	545764
1947-48	56244	57582	55404	65522	60480	73396	264424	505792
1948-49	44642	53918	51094	49038	45314	146834	416548	571670
1949-50	49284	57162	51500	63202	75010	154776	402618	563086
1950-51	61640	84448	88986	69948	125878	125072	556968	684894
1951-52	79304	63432	86830	68642	77070	103020	677890	901634
1952-53	52108	48642	54646	100936	88486	126730	329366	403582
1953-54	44870	59728	57732	64266	92288	149836	381720	597550
1954-55	49332	50178	46140	46716	40444	55940	129832	397270
1955-56	51704	68686	205818	147212	104470	228258	636502	841354
1956-57	66612	62464	69508	52448	92880	194092	361256	753940
1957-58	54116	52148	58128	53682	121836	124694	323778	946374
1958-59	51842	63796	83974	76466	69702	92542	276734	331594
1959-60	86908	60852	48514	51664	64890	172830	358988	374362
1960-61	47044	53842	47966	42454	58830	91230	172064	298818
1961-62	52150	51660	51872	54554	78326	83072	407856	406458
1962-63	71052	65014	65918	43612	147124	91904	180298	452916
1963-64	53040	66998	51172	52170	53860	71218	262166	457280
1964-65	47408	54288	258810	160396	182606	185530	624180	836232
1965-66	65450	61218	52690	63168	47170	97960	248302	327154
1966-67	40108	46514	49118	65592	60048	83580	138430	483144
1967-68	58400	55142	49414	47040	98090	119292	152728	259286
1968-69	63230	79000	63568	127936	87134	143928	654184	724322
1969-70	56088	47734	52950	127058	101728	149020	189668	577010

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

CH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
46	177172	251538	110844	34042	23952	23940	946,884
26	336006	564176	458224	154044	57524	42730	1,922,920
74	239342	341610	538198	106458	43964	32200	1,587,524
96	249648	204008	85624	36200	23570	26072	1,080,470
50	239458	428528	363262	98220	38058	29980	1,585,126
60	577594	625906	319284	79080	43354	38360	1,984,842
70	207358	381192	178996	59986	25948	25746	1,166,320
26	505100	711314	558138	201292	71190	46910	2,625,842
294	328918	341836	136300	60358	28454	30436	1,379,002
512	355842	434480	227258	64910	30808	39548	1,612,680
448	188300	365336	266776	85452	54496	41720	1,404,722
804	341622	325576	362374	139112	46790	35496	1,682,756
138	1006532	722804	627754	359598	100484	53192	3,563,670
1094	164000	303208	247726	106326	43264	35352	1,258,266
1160	202368	473146	405996	139040	51630	39020	1,682,684
3604	639804	651660	378822	125920	56618	45272	2,436,242
1276	289400	545764	297240	110646	46168	38466	1,905,602
3396	264424	505792	459706	109372	44612	36580	1,789,114
6834	416548	571670	304424	93542	41120	31176	1,849,320
4776	402618	563086	548282	239398	76620	48176	2,329,114
5072	556968	684894	440580	195068	70970	42550	2,547,002
3020	677890	901634	518282	171498	68760	49854	2,866,216
6730	329366	403582	588956	254470	73246	48328	2,169,496
9836	381720	597550	339666	179018	66360	41668	2,074,702
5940	129832	397270	419360	131738	56754	40794	1,464,498
8258	636502	841354	582588	188844	62734	55716	3,173,886
14092	361256	753940	518012	148306	51944	53366	2,424,828
24694	323778	946374	501566	142466	61766	54424	2,494,978
32542	276734	331594	362156	104896	48432	67634	1,629,768
72830	358988	374362	333350	81574	45758	46244	1,725,934
31230	172064	298818	229386	56820	40060	38212	1,176,726
33072	407856	406458	425398	142912	57452	49586	1,861,296
31904	180298	452916	411904	148768	53310	56736	1,788,556
71218	262166	457280	407856	152946	50092	52798	1,731,596
35530	624180	836232	778888	338964	118326	77252	3,662,880
7960	248302	327154	178048	54000	39052	37766	1,271,978
33580	138430	483144	526106	177282	49100	45416	1,764,438
9292	152728	259286	278606	76126	72200	55250	1,321,574
3928	654184	724322	396216	128856	51278	48678	2,568,330
9020	189668	577010	571508	205552	61036	54950	2,194,302

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	APRIL		
														14	15	
AIKEN																
ANDREWS															5	
BALLENTYNE																
BAXTER													11	11	0	
BOISE CITY																
BOONE																
BOWMAN-SWISHER																
BUBB (SOUTH BOISE MUTUAL)																
CALDWELL HIGH LINE																
CAMPBELL (CANYON)										39	39	39	39	39	43	
CANYON COUNTY																
CONWAY-HAMMING														41	4	
DAVIS DITCH																
EUREKA #2																
FARMERS UNION							38	38	39	39	40	40	56	60	66	
GRAHAM-GILBERT																
HAAS																
HART-DAVIS																
ISLAND HIGH LINE																
LEMP																
LITTLE PIONEER																
LOWER CENTER POINT													22	22	28	
MACE-CATLIN															25	
MACE-MACE														4	4	
MAMMON																
MCCONNEL ISLAND																
MCMANUS & TEATER																
MEEVES																
MIDDLETON														122	130	
NEW DRY CREEK															27	
NEW YORK CANAL (B. OF C.)	800	818	815	1016	1216	1305	1414	1414	1410	1562	1567	1567	1553	1576	1576	1549
PARMA																
PENITENTIARY																
PHYLLIS							145	192	192	239	239	241	241	265	186	265
RIDENBAUGH									101	101	101	163	186	203	201	201
RIVERSIDE	165	165	165	165	165	165	165	146	144	156	144	149	150	143	147	140
ROEDEL																
ROSSI MILL																
SEBREE (FARMERS CO-OP)								89	107	106	106	103	83	131	164	157
SETTLERS														33	32	31
SEVEN SUCKERS													5	5	4	4
SIEBENBERG								14	13	12	11	10	10	9	8	7
THURMAN MILL																
UPPER CENTER POINT																
WARM SPRINGS SLOUGH																
TOTAL CANAL DIVERSIONS	965	989	980	1181	1381	1470	1762	1893	2006	2254	2247	2312	2334	2497	2621	2849
MISCELLANEOUS																
TOTAL DIVERSIONS																27

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	APRIL		
														14	15	
AIKEN																
ANDREWS															5	
BALLENTYNE																
BAXTER													11	11	0	
BOISE CITY																
BOONE																
BOWMAN-SWISHER																
BUBB (SOUTH BOISE MUTUAL)																
CALDWELL HIGH LINE																
CAMPBELL (CANYON)										39	39	39	39	39	43	
CANYON COUNTY																
CONWAY-HAMMING														41	4	
DAVIS DITCH																
EUREKA #2																
FARMERS UNION							38	38	39	39	40	40	56	60	66	
GRAHAM-GILBERT																
HAAS																
HART-DAVIS																
ISLAND HIGH LINE																
LEMP																
LITTLE PIONEER																
LOWER CENTER POINT													22	22	28	
MACE-CATLIN															25	
MACE-MACE														4	4	
MAMMON																
MCCONNEL ISLAND																
MCMANUS & TEATER																
MEEVES																
MIDDLETON														122	130	
NEW DRY CREEK															27	
NEW YORK CANAL (B. OF C.)	800	818	815	1016	1216	1305	1414	1414	1410	1562	1567	1567	1553	1576	1576	1549
PARMA																
PENITENTIARY																
PHYLLIS							145	192	192	239	239	241	241	265	186	265
RIDENBAUGH									101	101	101	163	186	203	201	201
RIVERSIDE	165	165	165	165	165	165	165	146	144	156	144	149	150	143	147	140
ROEDEL																
ROSSI MILL																
SEBREE (FARMERS CO-OP)							89	107	106	106	103	83	131	164	157	
SETTLERS													33	32	31	
SEVEN SUCKERS												5	5	4	4	
SIEBENBERG							14	13	12	11	10	10	9	8	7	
THURMAN MILL																
UPPER CENTER POINT																
WARM SPRINGS SLOUGH																
TOTAL CANAL DIVERSIONS	965	983	980	1181	1381	1470	1762	1893	2006	2254	2247	2312	2334	2497	2621	2849
MISCELLANEOUS																
TOTAL DIVERSIONS																27

DISCHARGE IN SECOND FIVE OF WHITE VALLEY CREEK
BY DAPS DURING THE IRRIGATION SEASON OF 1970, INCLUDING STORAGE

[illegible]

13	14	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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OF BOISE VALLEY CANALS
 SEASON OF 1970, INCLUDING STORAGE

CHART NO. 5

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5	5	4	4	3	3	3	3	3	3	3	3	4	4	4	4		58
		17	19	21	22	24	26	28	29	30	31	32	33	34	35		381
0	0	0	20	20	20	19	19	18	18	17	16	15	16	17	17		254
	14	14	14	14	14	15	16	16	16	15	15	14	14	13	13		116
								16	16	15	21	22	23	25	26		273
																	0
								14	14	14	14	15	15	15	15		116
					11	11	11	11	11	11	11	11	11	11	11		121
43	39	39	39	39	39	42	39	39	39	40	40	40	40	40	61		853
	40	40	40	40	40	40	40	40	39	39	39	39	39	39	39		593
	41	42	44	55	70	69	92	80	80	79	79	80	82	84	85		1132
																	0
						9	9	9	10	10	11	11	11	11	11		113
	74	80	86	92	98	104	110	110	110	110	110	110	110	110	110		1524
66	67	68	82	84	84	104	127	127	137	146	155	169	160	86	156		2168
													1	1	1		3
								6	6	6	6	6	6	6	6		48
																	0
		30	35	40	45	50	55	60	61	63	64	66	67	68	69		773
								19	19	19	19	19	19	17	15		146
																	738
22	22	28	34	40	47	53	59	57	55	53	50	48	46	44	41	39	380
		25	26	27	28	29	30	32	30	28	26	23	21	19	17	19	118
	4	4	4	5	5	5	6	7	7	8	9	10	10	11	11	12	0
																6	6
								64	64	64	65	65	65	66	66	66	585
								11	11	10	10	10	9	9	9	8	87
												3	2	2	2	2	29
						3	3	3	3	3	171	172	173	173	174	174	2561
	122	130	138	145	152	160	168	169	170	170	171	172	173	173	174	174	714
		27	27	27	27	43	50	50	50	50	50	50	41	74	74	74	
1576	1576	1549	1308	1639	1695	1901	1516	1541	1549	1787	1806	1782	1782	1584	1369	1305	43722
			36	36	36	37	37	37	37	37	37	37	37	37	37	37	515
																	0
265	186	265	289	289	291	291	249	333	333	374	374	376	376	401	401	337	6919
203	201	201	232	310	310	310	313	481	410	454	455	458	462	461	457	455	6825
143	147	140	136	121	123	124	125	132	130	179	180	178	184	181	179	181	4627
								2	2	2	2	2	2	2	2	2	18
						4	4	5	5	6	6	7	7	7	7	7	65
131	164	157	160	172	170	166	160	160	145	157	157	145	145	151	157	145	3236
33	32	31	30	28	26	25	34	44	53	63	72	82	92	103	114	126	988
5	4	4	3	2	1	0	0	0	0	1	1	1	1	1	1	1	31
9	8	7	7	7	7	6	6	6	6	6	6	7	7	7	7	10	189
											30	30	30	30	30	31	181
								23	22	21	19	18	17	16	15	15	166
																	0
2497	2621	2849	2766	3242	3341	3612	3250	3704	3680	4083	4152	4138	4162	4090	3751	3726	81372

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1970, INCLUDING STORAGE

[illegible]

BY DAYS DURING THE IRRIGATION SEASON OF 1970, INCLUDING STORAGE

APRIL

[illegible]

DISCHARGE IN SECOND FEET OF BOISE VALLEY
BY DAYS DURING THE IRRIGATION SEASON OF 1914

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	MAY 14	15	16
AIKEN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
ANDREWS	34	34	33	32	32	31	31	32	33	33	34	34	35	36	36	36
BALLENTYNE	18	19	19	20	19	18	18	17	16	16	15	15	15	15	15	15
BAXTER	14	15	16	16	17	18	19	18	18	17	17	16	16	15	14	13
BOISE CITY	27	28	29	30	31	33	34	36	37	39	40	39	38	38	37	36
BOONE																
BOWMAN-SWISHER	14	12	10	8	6	4	2	2	2	2	0	0	0	0	0	0
BUBB (SOUTH BOISE MUTUAL)	10	10	10	10	10	10	11	11	11	12	12	11	11	10	10	10
CALDWELL HIGH LINE	49	49	49	49	48	70	70	79	86	87	87	62	66	66	68	67
CAMPBELL (CANYON)	39	38	38	37	37	36	36	37	38	39	39	40	41	42	42	43
CANYON COUNTY	84	82	81	80	81	83	84	86	86	86	86	82	84	83	83	84
CONWAY-HAMMING	5	5	5	6	6	6	5	5	4	4	3	3	3	3	3	2
DAVIS DITCH	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11
EUREKA #2	110	109	109	109	108	108	108	107	107	106	106	105	105	104	103	103
FARMERS UNION	186	197	214	219	225	225	225	226	226	226	226	216	217	218	225	226
GRAHAM-GILBERT	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
HAAS	6	6	6	5	5	5	5	6	7	8	9	10	11	12	13	14
HART-DAVIS							15	15	15	15	15	16	16	17	17	18
ISLAND HIGH LINE	67	65	63	60	58	56	54	53	52	51	50	49	48	47	47	46
LEMP	12	10	8	6	4	4	4	4	0	0	0	0	0	0	0	14
LITTLE PIONEER	37	43	49	55	62	62	62	62	61	61	61	61	62	63	64	65
LOWER CENTER POINT	21	22	24	26	28	30	29	29	28	28	27	27	26	26	25	25
MACE-CATLIN	13	12	12	11	11	11	12	12	12	13	13	13	12	12	11	11
MACE-MACE											2	3	3	4	4	5
MAMMON	6	6	6	6	7	7	7	7	7	7	7	7	7	4	4	4
MCCONNEL ISLAND	64	62	60	57	54	52	50	51	52	54	55	56	57	58	57	56
MCMANUS & TEATER	8	7	6	5	4	3	3	3	3	3	3	3	3	0	0	0
MEEVES	2	2	2	1	1	1	1	1	1	1	3	3	3	3	3	3
MIDDLETON	175	177	179	181	183	181	179	177	175	174	172	170	172	175	178	181
NEW DRY CREEK	85	85	85	62	97	97	97	79	79	79	82	79	66	66	76	7
NEW YORK CANAL (B. OF C.)	1537	1759	1959	2095	2280	2508	2634	2634	2646	2640	2634	2646	2420	2420	2487	2487
PARMA	36	36	35	35	34	33	32	32	31	31	30	30	29	28	28	28
PENITENTIARY	3	3	6	9	10	10	9	9	9	8	8	8	8	8	8	8
PHYLLIS	303	416	451	509	433	501	497	429	429	425	431	372	474	410	412	410
RIDENBAUGH	455	450	494	550	540	540	535	537	535	536	540	529	531	536	538	547
RIVERSIDE	174	173	170	170	167	231	236	232	245	216	226	230	218	216	226	205
ROEDEL	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3
ROSSI MILL	8	8	8	8	8	9	9	10	10	11	11	11	11	11	11	11
SEBREE (FARMERS CO-OP)	145	145	170	182	215	244	239	239	226	224	201	186	201	196	194	192
SETTLERS	128	133	144	171	173	176	182	182	182	181	180	172	173	174	179	184
SEVEN SUCKERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIEBENBERG	13	16	20	23	27	30	29	27	25	23	22	20	19	18	15	14
THURMAN MILL	31	32	32	32	32	33	33	34	34	35	35	35	35	35	34	34
UPPER CENTER POINT	15	15	15	15	15	15	15	15	15	15	16	16	16	16	17	17
WARM SPRINGS SLOUGH																
TOTAL CANAL DIVERSIONS	3951	4299	4635	4908	5086	5499	5628	5553	5561	5524	5516	5393	5270	5203	5293	5573
MISCELLANEOUS																
TOTAL DIVERSIONS																

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1970, INCLUDING STORAGE

CHART NO. 5

MAY																				
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	0
33	33	34	34	35	36	36	36	36	37	37	37	37	36	35	34	33	31	30	29	29
16	16	15	15	15	15	15	15	15	15	15	15	16	16	16	17	17	17	17	17	16
18	17	17	16	16	15	14	13	12	11	10	9	8	8	8	8	8	8	8	8	8
37	39	40	39	38	38	37	36	35	35	34	33	33	33	33	33	33	33	33	34	34
2	2	0	0	0	0	0	0	0	10	10	10	10	11	12	12	13	13	14	14	14
11	12	12	11	11	10	10	10	10	10	10	10	10	9	9	9	9	10	11	12	12
86	87	87	62	66	66	68	67	65	65	69	68	66	68	67	66	66	71	56	53	54
38	39	39	40	41	42	42	43	44	45	45	46	45	45	44	43	43	42	41	41	42
86	86	86	82	84	83	83	84	83	84	85	82	85	86	86	88	90	88	90	90	90
4	4	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
107	106	106	105	105	104	103	103	102	102	101	101	102	103	104	105	107	109	110	108	106
226	226	226	216	217	218	225	226	243	245	245	245	245	245	245	245	247	245	245	243	243
2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2
7	8	9	10	11	12	13	14	15	16	18	19	20	18	16	14	12	10	8	6	8
15	15	15	16	16	17	17	18	18	19	19	18	18	17	17	16	16	16	16	15	15
52	51	50	49	48	47	47	46	46	45	45	44	44	44	45	45	46	46	47	47	47
0	0	0	0	0	0	0	14	14	14	14	14	14	14	0	0	0	0	0	0	0
61	61	61	61	62	63	64	65	67	68	69	66	63	60	58	55	52	49	51	53	55
28	28	27	27	26	26	25	25	24	24	23	23	22	22	21	20	20	19	18	18	17
12	13	13	13	12	12	11	11	10	10	9	8	7	6	5	4	3	3	3	3	0
		2	3	3	4	4	5	5	6	6	6	6	6	5	5	5	5	5	5	4
7	7	7	7	7	4	4	4	4	4	4	4	7	7	7	7	7	7	7	3	3
52	54	55	56	57	58	57	56	55	54	53	52	51	52	54	55	57	58	60	61	60
3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	3	3	3	3	4	5
1	1	3	3	3	3	3	3	3	4	4	4	4	4	4	4	1	1	1	1	1
175	174	172	170	172	175	178	181	183	186	188	187	187	186	185	185	184	183	183	184	185
79	79	82	79	66	66	66	76	76	81	76	76	76	66	66	66	71	66	66	66	66
2646	2640	2634	2646	2420	2420	2487	2487	2735	2774	2786	2780	2786	2780	2797	2791	2774	2780	2802	2780	2724
31	31	30	30	29	28	28	28	28	27	27	27	27	30	33	36	39	42	45	47	44
9	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7
429	425	431	372	474	410	412	412	410	451	474	481	481	481	433	438	438	440	433	429	433
535	536	540	529	531	536	538	542	547	549	563	563	550	553	542	542	545	540	548	548	557
245	216	226	230	218	216	226	214	205	204	220	259	261	242	244	245	238	230	223	226	227
1	1	1	1	1	1	2	2	3	3	4	4	4	3	3	2	2	1	1	1	1
10	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10
226	224	201	186	201	196	194	192	192	192	194	212	226	253	253	258	246	246	231	237	237
182	181	180	172	173	174	179	179	184	187	189	190	191	191	191	191	199	190	189	189	189
0	0	0	0	0	0	0	0	0	1	0	1	0	6	6	6	6	6	6	6	0
25	23	22	20	19	18	16	15	14	12	11	10	10	10	11	11	11	12	12	12	12
34	35	35	35	35	35	34	34	34	34	34	34	34	35	35	35	35	34	33	32	31
15	15	16	16	16	16	16	17	17	17	17	17	17	16	16	15	15	14	14	15	16
5561	5524	5516	5393	5270	5203	5293	5312	5573	5691	5758	5793	5801	5799	5744	5752	5734	5711	5703	5679	5623

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
4	4	4	4	4	5	5	5	5	5	5	0	0	0	118	
37	37	37	37	36	35	34	33	31	30	29	29	28	28	1039	
15	15	15	16	16	16	17	17	17	17	17	16	16	16	511	
11	10	9	8	8	8	8	8	8	8	8	8	9	9	391	
35	34	33	33	33	33	33	33	33	33	34	34	35	35	1058	
														0	
0	10	10	10	10	11	12	12	13	13	14	14	14	14	239	
0	10	10	10	10	9	9	9	9	10	11	12	12	13	326	
5	65	69	68	66	68	67	66	66	71	56	53	54	52	1984	
4	45	45	46	45	45	44	43	43	42	41	41	42	42	1273	
33	84	85	82	85	86	86	88	90	88	90	90	90	92	2644	
2	2	2	2	2	3	3	3	3	3	3	3	2	2	105	
11	11	11	11	11	11	11	11	11	11	11	11	11	11	334	
02	102	101	101	102	103	104	105	107	109	110	108	106	104	3273	
43	245	245	245	245	245	245	245	247	245	245	243	243	242	7162	
														64	
3	3	3	3	3	3	2	2	2	2	2	2	0	0	330	
15	16	18	19	20	18	16	14	12	10	8	6	8	10	408	
18	19	19	18	18	17	17	16	16	16	16	15	15	14	1551	
46	45	45	44	44	44	45	45	46	46	47	47	47	47	150	
14	14	14	14	14	14	0	0	0	0	0	0	0	0		
														1814	
67	68	69	66	63	60	58	55	52	49	51	53	55	58	727	
24	24	23	23	22	22	21	20	20	19	18	18	18	17	262	
10	10	9	8	7	6	5	4	3	3	3	3	0	0	98	
5	6	6	6	6	6	5	5	5	5	5	5	4	4	176	
4	4	4	4	7	7	7	7	7	7	7	3	3	3		
														1738	
55	54	53	52	51	52	54	55	57	58	60	61	61	60	86	
0	0	0	0	0	0	0	3	3	3	3	4	5	6	69	
3	4	4	4	4	4	4	4	1	1	1	1	1	1	5604	
183	186	188	187	187	186	185	185	184	183	183	184	184	185	2330	
76	81	76	76	76	66	66	66	71	66	66	66	66	66		
2735	2774	2786	2780	2786	2780	2797	2791	2774	2780	2802	2780	2724	2735	2730	79340
28	27	27	27	27	30	33	36	39	42	45	47	44	41	38	1039
8	8	8	7	7	7	7	7	7	7	7	7	7	7	8	233
410	451	474	481	481	481	433	438	438	440	433	429	433	425	423	13574
547	549	563	563	550	553	542	542	545	540	548	548	557	551	556	16642
														6820	
205	204	220	259	261	242	244	245	238	230	223	226	227	229	223	58
3	3	4	4	4	3	3	2	2	1	1	1	1	1	1	310
11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	6656
192	192	194	212	226	253	253	258	246	246	231	237	237	239	241	5556
184	187	189	190	191	191	191	191	199	190	189	189	189	189	188	
														44	
0	1	0	1	0	6	6	6	6	6	6	6	0	0	0	517
14	12	11	10	10	10	11	11	11	12	12	12	12	13	13	1037
34	34	34	34	34	35	35	35	35	34	33	32	31	31	30	487
17	17	17	17	17	16	16	15	15	14	14	15	16	17	17	57
	11	11	0	0	0	0	5	5	5	5	4	4	4	3	
5573	5691	5758	5793	5801	5799	5744	5752	5734	5711	5703	5679	5623	5621	5609	168222
														190	
														16841	

DISCHARGE IN SECOND FEET OF BOISE
BY DAYS DURING THE IRRIGATION SEASON OF

NAME OF CANAL	JUNE														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	0	0	0	0	5	5	5	5	5	5	5	6	6	6	6
ANDREWS	28	27	27	27	27	28	28	29	29	30	30	29	28	27	25
BALLENTYNE	16	16	16	16	16	16	16	16	16	16	17	17	17	18	18
BAXTER	10	10	11	11	11	10	10	9	9	8	7	7	7	7	7
BOISE CITY	35	36	36	35	35	35	35	32	33	33	35	35	35	35	36
BOONE															
BOWMAN-SWISHER	0	0	0	0	0	0	0	8	8	8	8	7	6	6	5
BUBB (SOUTH BOISE MUTUAL)	14	13	10	10	12	13	12	15	14	9	7	7	6	5	9
CALDWELL HIGH LINE	46	49	49	50	45	45	46	46	45	45	45	50	47	47	47
CAMPBELL (CANYON)	43	44	44	41	38	35	32	29	26	23	23	22	22	22	21
CANYON COUNTY	92	92	92	91	91	90	90	88	87	90	90	91	90	90	89
CONWAY-HAMMING	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0
DAVIS DITCH	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10
EUREKA #2	100	98	96	96	97	97	97	98	98	98	97	96	95	95	94
FARMERS UNION	244	245	245	251	257	257	256	256	231	211	211	214	213	213	212
GRAHAM-GILBERT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAAS	13	15	16	18	19	19	20	20	21	21	22	20	18	17	15
HART-DAVIS	14	14	14	14	13	13	13	13	13	13	13	0	0	0	0
ISLAND HIGH LINE	48	48	48	48	48	49	49	49	50	50	50	48	47	46	45
LEMP	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4
LITTLE PIONEER	62	65	63	60	58	55	53	50	48	51	54	57	60	63	66
LOWER CENTER POINT	17	16	16	18	21	23	26	28	30	33	33	33	32	32	31
MACE-CATLIN	0	0	0	0	6	6	6	6	6	6	7	7	7	8	8
MACE-MACE	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2
MAMMON	3	3	3	7	7	7	7	7	7	7	1	1	1	1	1
MCCONNEL ISLAND	59	59	58	58	59	61	62	64	65	66	67	65	63	60	58
MCMANUS & TEATER	7	8	9	9	9	9	0	0	0	0	0	0	0	0	0
MEEVES	7	7	7	7	7	7	7	3	3	3	3	3	3	3	4
MIDDLETON	186	186	182	178	174	170	166	163	159	156	152	149	145	142	138
NEW DRY CREEK	68	81	85	85	85	85	74	82	74	63	63	63	63	63	74
NEW YORK CANAL (B. OF C.)	2730	2730	2730	2741	2718	2718	2718	2718	2713	2713	2606	2435	2425	2409	2316
PARMA	35	31	28	25	25	26	26	27	27	28	28	29	31	33	35
PENITENTIARY	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
PHYLLIS	381	415	419	467	465	481	479	487	360	362	254	259	261	259	267
RIDENBAUGH	554	553	550	557	550	550	547	547	553	512	517	511	510	512	501
RIVERSIDE	220	213	224	229	236	217	213	229	265	210	209	206	204	209	208
ROEDEL	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1
ROSSI MILL	10	10	10	10	11	11	11	11	11	11	11	10	10	10	10
SEBREE (FARMERS CO-OP)	244	255	269	330	321	295	292	289	268	210	209	211	211	213	213
SETTLERS	186	186	189	188	189	191	191	189	182	157	157	158	144	145	144
SEVEN SUCKERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIEBENBERG	13	14	14	14	13	13	12	12	11	11	11	11	11	10	10
THURMAN MILL	29	29	29	29	30	30	30	30	30	30	31	31	31	32	31
UPPER CENTER POINT	18	19	20	19	18	17	17	16	15	14	14	14	13	13	12
WARM SPRINGS SLOUGH	3	3	3	3	3	0	0	0	0	0	0	0	3	3	3
TOTAL CANAL DIVERSIONS	5560	5615	5637	5767	5749	5709	5670	5696	5536	5328	5112	4926	4890	4879	4792
MISCELLANEOUS															
TOTAL DIVERSIONS															

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1970, INCLUDING STORAGE

JUNE																				
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
5	5	5	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	0	0	0
29	30	30	29	28	27	25	24	22	21	22	23	24	25	26	27	28	28	29	29	30
16	16	17	17	17	18	18	18	18	18	19	19	19	19	19	19	19	19	18	18	18
9	8	7	7	7	7	7	6	6	6	6	6	5	5	5	5	5	5	5	6	6
33	33	35	35	35	35	36	35	35	35	35	35	35	34	35	35	35	35	34	34	34
8	8	8	7	6	6	5	5	4	4	7	9	12	15	17	20	23	23	23	23	0
14	9	7	7	6	5	9	12	12	11	8	10	10	15	16	11	14	10	11	9	6
45	45	45	50	47	47	47	46	43	43	43	42	45	45	47	53	52	52	52	53	53
26	23	23	22	22	22	21	21	21	23	24	26	28	29	31	33	33	33	33	0	0
87	90	90	91	90	90	89	89	83	85	85	88	88	88	86	89	89	90	90	88	95
2	2	2	2	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	0	0
11	11	11	10	10	10	10	10	11	11	11	12	12	12	11	10	9	9	8	7	6
98	98	97	96	95	95	94	93	92	95	99	102	105	109	113	116	114	111	109	106	104
231	211	211	214	213	213	212	213	236	236	236	236	254	258	259	259	259	253	253	252	250
0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	0	0
21	21	22	20	18	17	15	14	12	11	12	14	15	17	18	20	21	19	18	16	15
13	13	13	0	0	0	0	0	0	0	14	14	14	14	14	14	14	14	0	0	0
50	50	50	48	47	46	45	44	42	41	43	46	48	51	53	55	57	54	51	47	44
0	0	0	0	4	4	4	4	5	7	9	10	12	13	14	14	14	14	14	14	14
48	51	54	57	60	63	66	69	65	61	56	52	48	43	39	39	40	40	41	41	42
30	33	33	33	32	32	32	31	31	31	30	30	29	29	28	28	29	30	31	32	33
6	6	7	7	7	8	8	8	7	6	6	5	4	4	4	4	4	4	0	0	0
3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	7	1	1	1	1	1	1	1	7	7	7	7	7	7	7	9	9	9	9	9
65	66	67	65	63	60	58	55	53	51	53	55	57	59	61	63	65	62	60	58	55
0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	0	0	0
3	3	3	3	3	3	4	4	4	4	4	4	4	6	6	6	6	6	0	0	0
3	159	156	152	149	145	142	138	135	143	151	160	168	177	185	193	190	187	184	181	178
2	74	63	63	63	63	63	63	74	74	74	74	74	74	69	85	85	85	74	85	85
8	2713	2713	2606	2435	2425	2409	2316	2205	2215	2311	2409	2551	2551	2573	2629	2735	2730	2696	2730	2702
7	27	28	28	29	31	33	35	36	38	40	38	36	34	32	30	28	26	25	24	23
8	8	8	8	8	8	8	8	8	8	8	8	7	6	6	6	6	6	6	7	7
17	360	362	254	259	261	259	267	327	323	315	344	362	408	425	499	501	511	513	495	461
17	553	512	517	511	510	512	517	501	501	527	514	526	553	555	556	553	557	563	563	560
29	265	210	209	206	204	209	208	200	199	178	169	168	179	180	193	251	241	241	236	230
1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3
11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
89	268	210	209	211	211	213	213	213	220	265	328	385	391	371	375	358	375	375	363	79
89	182	157	157	158	144	145	144	144	146	154	155	167	171	179	181	189	191	193	194	151
0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	0	0
12	11	11	11	11	11	10	10	10	10	10	10	11	11	11	12	12	12	12	11	11
30	30	30	31	31	31	32	32	31	29	28	26	25	23	22	23	25	26	28	29	31
16	15	14	14	14	13	13	13	12	12	14	16	17	19	20	22	24	23	22	21	20
0	0	0	0	0	3	3	3	3	4	5	6	8	9	11	12	12	12	12	0	0
96	5536	5328	5112	4926	4890	4879	4792	4720	4744	4906	5108	5382	5517	5572	5761	5932	5957	5900	5867	5435
																				5215

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	6	6	5	5	5	5	5	5	5	5	0	0	0	0		117
22	21	22	22	23	24	25	26	27	28	28	29	29	30	30		807
18	18	19	19	19	19	19	19	19	19	19	18	18	18	18		525
6	6	6	6	6	5	5	5	5	5	5	5	6	6	6		217
35	35	35	35	35	35	34	35	35	35	35	34	34	34	34		1041
																0
5	4	4	7	9	12	15	17	20	23	23	23	23	0	0		241
2	12	11	8	10	10	15	16	11	14	10	11	9	6	6		317
6	43	43	43	42	45	45	47	53	52	52	52	53	53	55		1426
1	21	23	24	26	28	29	31	33	33	33	33	0	0	0		800
9	83	85	85	88	88	88	86	89	89	90	90	88	95	95		2681
0	0	0	0	6	6	6	6	6	6	6	6	0	0	0		72
0	11	11	11	12	12	12	11	10	9	9	8	7	6	5		305
33	92	95	99	102	105	109	113	116	114	111	109	106	104	101		3021
13	236	236	236	236	254	258	259	259	259	253	253	252	250	20		6990
0	0	0	0	4	4	4	4	4	4	4	4	0	0	0		32
14	12	11	12	14	15	17	18	20	21	19	18	16	15	13		509
0	0	0	14	14	14	14	14	14	14	14	0	0	0	0		259
44	42	41	43	46	48	51	53	55	57	54	51	47	44	40		1439
4	5	7	9	10	12	13	14	14	14	14	14	14	14	14		184
69	65	61	56	52	48	43	39	39	40	40	41	41	42	42		1583
31	31	31	30	30	29	29	28	28	29	30	31	32	33	35		847
8	7	6	6	5	4	4	4	4	4	4	0	0	0	0		129
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		72
1	1	7	7	7	7	7	7	7	9	9	9	9	9	9		168
55	53	51	53	55	57	59	61	63	65	62	60	58	55	53		1784
0	0	0	0	0	3	3	3	3	3	3	3	0	0	0		72
4	4	4	4	4	4	6	6	6	6	6	0	0	0	0		128
135	143	151	160	168	177	185	193	190	187	184	181	178	175	172		5025
74	74	74	74	74	74	69	85	85	85	74	85	85	60	82		2251
2205	2215	2311	2409	2551	2551	2573	2629	2735	2730	2696	2730	2702	2724	2646		77827
36	38	40	38	36	34	32	30	28	26	25	24	23	22	22		888
8	8	8	8	7	6	6	6	6	6	6	7	7	5	5		219
327	323	315	344	362	408	425	499	501	511	513	495	461	425	340		11865
501	501	527	514	526	553	555	556	553	557	563	563	560	476	479		16024
200	199	178	169	168	179	180	193	251	241	241	236	230	206	229		6392
1	1	1	1	1	2	2	2	2	2	2	2	3	3	3		40
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		307
213	220	265	328	385	391	371	375	358	375	375	363	79	79	172		8179
144	146	154	155	167	171	179	181	189	191	193	194	191	151	148		5150
0	0	0	4	4	4	4	4	4	4	4	0	0	0	0		32
10	10	10	10	11	11	11	12	12	12	12	11	11	11	10		344
31	29	28	26	25	23	22	23	25	26	28	29	31	33	35		867
12	12	14	16	17	19	20	22	24	23	22	21	20	19	19		520
3	4	5	6	8	9	11	12	12	12	12	12	0	0	0		130
20	4744	4906	5108	5382	5517	5572	5761	5932	5957	5900	5867	5435	5215	4950		161826

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	6	6	5	5	5	5	5	5	5	5	0	0	0	0		117
	22	21	22	23	24	25	26	27	28	28	29	29	30	30		807
	18	18	19	19	19	19	19	19	19	19	18	18	18	18		525
	6	6	6	6	5	5	5	5	5	5	5	6	6	6		217
	35	35	35	35	35	34	35	35	35	35	34	34	34	34		1041
																0
5	4	4	7	9	12	15	17	20	23	23	23	23	0	0		241
2	12	11	8	10	10	15	16	11	14	10	11	9	6	6		317
6	43	43	43	42	45	45	47	53	52	52	52	53	53	55		1426
1	21	23	24	26	28	29	31	33	33	33	33	0	0	0		800
99	83	85	85	88	88	88	86	89	89	90	90	88	95	95		2681
0	0	0	0	6	6	6	6	6	6	6	6	0	0	0		72
10	11	11	11	12	12	12	11	10	9	9	8	7	6	5		305
93	92	95	99	102	105	109	113	116	114	111	109	106	104	101		3021
13	236	236	236	236	254	258	259	259	259	253	253	252	250	20		6990
	0	0	0	4	4	4	4	4	4	4	4	0	0	0		32
14	12	11	12	14	15	17	18	20	21	19	18	16	15	13		509
0	0	0	14	14	14	14	14	14	14	14	0	0	0	0		259
44	42	41	43	46	48	51	53	55	57	54	51	47	44	40		1439
4	5	7	9	10	12	13	14	14	14	14	14	14	14	14		184
69	65	61	56	52	48	43	39	39	40	40	41	41	42	42		1583
31	31	31	30	30	29	29	28	28	29	30	31	32	33	35		847
8	7	6	6	5	4	4	4	4	4	4	0	0	0	0		129
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		72
1	1	7	7	7	7	7	7	7	9	9	9	9	9	9		168
	55	53	51	53	55	57	59	61	63	65	62	60	58	55	53	1784
0	0	0	0	0	3	3	3	3	3	3	3	0	0	0		72
4	4	4	4	4	4	6	6	6	6	6	0	0	0	0		128
135	143	151	160	168	177	185	193	190	187	184	181	178	175	172		5025
74	74	74	74	74	74	69	85	85	85	74	85	85	60	82		2251
2205	2215	2311	2409	2551	2551	2573	2629	2735	2730	2696	2730	2702	2724	2646		77827
36	38	40	38	36	34	32	30	28	26	25	24	23	22	22		888
8	8	8	8	7	6	6	6	6	6	6	7	7	5	5		219
327	323	315	344	362	408	425	499	501	511	513	495	461	425	340		11865
501	501	527	514	526	553	555	556	553	557	563	563	560	476	479		16024
200	199	178	169	168	179	180	193	251	241	241	236	230	206	229		6392
1	1	1	1	1	2	2	2	2	2	2	2	3	3	3		40
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		307
213	220	265	328	385	391	371	375	358	375	375	363	79	79	172		8179
144	146	154	155	167	171	179	181	189	191	193	194	191	151	148		5150
	0	0	0	4	4	4	4	4	4	4	0	0	0	0		32
10	10	10	10	11	11	11	12	12	12	12	11	11	11	10		344
31	29	28	26	25	23	22	23	25	26	28	29	31	33	35		867
12	12	14	16	17	19	20	22	24	23	22	21	20	19	19		520
3	4	5	6	8	9	11	12	12	12	12	12	0	0	0		130
720	4744	4906	5108	5382	5517	5572	5761	5932	5957	5900	5867	5435	5215	4950		161826
																199
																161965

DISCHARGE IN SECOND FEET OF BD
BY DAYS DURING THE IRRIGATION SEASON

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	JULY	
														14	15
AIKEN	0	0	4	4	4	4	4	4	4	5	5	5	5	5	5
ANDREWS	31	32	30	28	26	24	22	20	18	18	17	17	16	16	15
BALLENTYNE	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19
BAXTER	7	7	7	6	6	5	5	4	4	4	4	4	4	4	4
BOISE CITY	35	34	32	35	35	35	33	33	33	32	32	31	29	33	30
BOONE															
BOWMAN-SWISHER	0	0	0	0	0	9	9	9	9	9	9	9	0	0	0
BUBB (SOUTH BOISE MUTUAL)	6	7	10	8	8	10	13	13	14	13	12	12	13	15	13
CALDWELL HIGH LINE	55	52	44	44	46	46	47	45	44	40	42	42	40	47	49
CAMPBELL (CANYON)	0	19	20	20	21	21	22	22	22	21	21	20	20	19	19
CANYON COUNTY	92	82	78	86	85	83	81	92	85	85	84	83	88	87	79
CONWAY-HAMMING	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4
DAVIS DITCH	6	7	8	9	10	11	11	11	11	11	11	11	11	11	12
EUREKA #2	99	97	94	92	89	87	84	82	83	85	86	88	89	91	93
FARMERS UNION	200	203	217	217	217	243	251	251	263	264	252	254	254	253	252
GRAHAM-GILBERT	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3
HAAS	12	10	11	11	12	13	13	14	15	15	15	14	14	14	13
HART-DAVIS	0	0	0	13	13	13	13	14	14	15	15	16	16	14	12
ISLAND HIGH LINE	37	34	36	39	41	44	46	48	50	49	48	47	46	46	45
LEMP	14	12	10	8	6	4	3	3	3	3	2	2	2	2	2
LITTLE PIONEER	43	43	44	44	45	45	46	45	45	46	47	48	49	50	49
LOWER CENTER POINT	36	35	34	33	32	31	30	29	29	30	31	31	32	32	33
MACE-CATLIN	0	0	0	0	0	0	0	0	0	9	9	9	9	9	8
MACE-MACE	2	1	0	0	1	1	1	1	1	1	2	2	2	2	2
MAMMON	9	1	1	1	1	1	1	1	10	10	10	10	10	10	7
McCONNEL ISLAND	51	49	47	45	43	41	40	38	36	37	38	38	39	40	41
McMANUS & TEATER	0	0	0	0	0	0	0	0	0	0	0	8	8	8	9
MEEVES	0	0	0	0	0	4	4	4	4	4	4	4	2	2	2
MIDDLETON	169	170	171	172	173	174	175	176	177	178	179	180	181	182	180
NEW DRY CREEK	60	60	60	60	60	74	85	85	85	85	85	85	77	85	81
NEW YORK CANAL (B. OF C.)	2578	2584	2562	2567	2584	2584	2584	2567	2634	2651	2651	2651	2657	2702	2690
PARMA	21	20	20	20	20	20	20	20	20	20	21	21	22	22	23
PENITENTIARY	5	5	5	5	4	8	8	8	8	8	8	8	10	10	10
PHYLLIS	458	459	459	459	455	459	461	485	507	513	513	511	473	481	477
RIDENBAUGH	522	515	520	520	521	529	528	556	556	557	554	554	553	557	551
RIVERSIDE	198	197	190	167	168	166	164	170	168	179	185	184	197	179	190
ROEDEL	3	3	3	3	2	2	2	2	2	2	2	0	0	0	0
ROSSI MILL	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
SEBREE (FARMERS CO-OP)	184	110	263	205	258	268	348	362	354	354	354	351	363	357	359
SETTLERS	148	149	150	158	158	183	185	193	191	191	189	186	187	72	189
SEVEN SUCKERS	0	0	0	4	4	4	4	4	4	0	0	0	0	0	0
SIEBENBERG	10	10	11	12	13	14	15	16	16	17	17	18	18	19	19
THURMAN MILL	35	35	35	0	0	0	35	35	35	34	34	33	33	33	33
UPPER CENTER POINT	18	18	17	17	17	16	16	16	16	16	17	17	18	18	18
WARM SPRINGS SLOUGH	0	0	0	0	3	3	3	5	7	9	10	12	14	16	8
TOTAL CANAL DIVERSIONS	5172	5088	5221	5140	5209	5307	5440	5511	5605	5648	5650	5651	5636	5578	5670
MISCELLANEOUS															
TOTAL DIVERSIONS															

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1970, INCLUDING STORAGE

7	8	9	10	11	12	13	JULY		15	16	17	18	19	20	21	22	23	24	25	26	27	28
							14	15														
4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	5	5	4	4	3	3
12	20	18	18	17	17	16	16	15	15	15	16	16	16	16	17	17	17	17	18	18	19	19
8	18	18	18	18	18	18	18	19	19	19	20	20	21	21	21	21	20	20	20	19	19	19
5	4	4	4	4	4	4	4	4	4	4	5	6	7	8	8	9	10	11	12	13	14	16
33	33	33	32	32	31	29	33	30	29	29	29	29	29	28	27	29	26	28	28	27	28	28
9	9	9	9	9	9	9	9	9	9	9	9	9	9	6	6	6	6	6	6	5	5	5
13	13	14	13	12	12	13	13	13	12	12	9	10	11	13	14	12	13	13	13	12	14	14
47	43	44	40	42	42	40	47	49	49	49	49	49	49	49	49	45	48	49	49	48	47	47
22	22	22	21	21	20	20	19	19	19	20	20	21	21	21	22	22	22	21	21	21	20	20
81	92	83	83	84	83	84	87	79	82	81	80	83	82	82	82	76	76	71	76	76	74	78
0	0	0	0	4	4	4	4	4	4	5	5	5	5	6	6	7	7	8	8	9	9	9
11	11	11	11	11	11	11	11	12	12	13	13	14	14	14	14	14	13	13	13	12	12	12
84	82	83	83	86	88	89	91	93	98	103	109	114	119	124	129	124	124	120	115	111	106	102
131	231	263	264	232	234	234	233	232	231	248	247	246	245	245	226	225	223	222	219	218	216	217
0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4
13	14	15	13	13	14	14	14	13	13	12	11	10	9	8	7	6	7	8	10	12	14	14
13	14	14	13	13	16	16	14	12	12	12	12	12	11	11	11	11	11	11	12	12	12	14
46	48	50	49	48	47	46	46	45	44	44	44	44	44	43	43	43	43	44	46	48	49	50
3	3	3	3	8	8	8	8	8	3	4	5	5	5	6	8	8	8	8	7	7	7	7
46	43	43	46	47	48	49	50	49	47	46	44	47	49	52	52	52	52	52	53	53	53	50
30	29	29	30	31	31	32	32	33	34	35	36	37	38	39	40	41	43	44	46	47	49	50
0	0	0	9	9	9	9	9	8	8	7	7	6	6	7	8	8	9	9	10	11	12	13
1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	1	1	1
1	1	10	10	10	10	10	10	10	7	7	7	7	7	7	7	7	6	6	6	6	6	6
40	38	36	37	38	38	39	40	40	41	41	41	41	41	41	41	41	41	40	39	38	38	37
0	0	0	0	0	8	8	8	8	9	9	10	10	11	11	11	12	11	10	9	8	7	6
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2
173	176	177	178	179	180	181	182	180	179	177	175	174	172	171	168	165	162	159	157	154	151	150
83	83	83	83	83	83	77	83	83	81	81	81	83	82	80	80	74	81	83	83	77	63	63
1584	2367	2534	2631	2631	2631	2637	2702	2690	2708	2735	2735	2735	2735	2735	2735	2790	2790	2741	2690	2578	2584	2524
20	20	20	20	21	21	22	22	23	23	23	24	24	24	24	24	25	25	26	27	28	29	30
8	8	8	8	8	8	10	10	10	10	9	9	9	9	9	9	9	9	8	8	8	8	8
461	483	507	513	513	511	473	481	477	477	473	473	473	471	467	469	471	471	479	483	481	481	447
528	536	536	537	534	534	533	537	534	531	531	531	531	531	533	531	548	543	548	543	543	544	540
164	170	168	179	183	184	187	179	190	175	173	170	167	162	156	149	148	156	152	152	156	154	151
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	10	10	10	10	10
348	362	334	334	334	331	363	337	339	366	366	337	337	337	337	337	334	331	345	331	345	345	336
183	193	181	191	189	186	187	72	189	194	194	196	198	198	198	198	195	195	196	195	194	191	193
4	4	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
13	16	16	17	17	18	18	18	18	18	18	18	18	17	17	16	16	16	16	16	16	16	16
33	33	33	34	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
16	16	16	16	17	17	18	18	18	18	18	18	18	17	17	17	17	16	16	15	14	14	13
3	3	7	9	10	12	14	16	12	8	7	6	5	4	3	4	4	5	5	6	6	6	6
3440	3311	3603	3648	3630	3631	3636	3378	3670	3670	3701	3691	3710	3714	3677	3657	3647	3674	3602	3473	3486	3361	3

DISCHARGE IN SECOND FEET OF BO
BY DAYS DURING THE IRRIGATION SEASON

NAME OF CANAL	AUGUST														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	5	5	5	5	4	4	4	3	3	3	3	3	3	3	3
ANDREWS	20	20	20	19	19	19	19	19	19	18	18	18	18	18	18
BALLENTYNE	19	19	19	19	19	18	18	18	17	17	17	18	18	18	19
BAXTER	20	20	21	22	22	23	23	23	23	24	24	24	24	23	22
BOISE CITY	30	28	31	30	30	30	30	30	29	30	33	32	33	33	33
BOONE															
BOWMAN-SWISHER	5	5	5	6	6	6	6	7	7	8	8	9	10	10	10
BUBB (SOUTH BOISE MUTUAL)	11	11	13	14	14	14	14	9	10	13	14	14	14	14	14
CALDWELL HIGH LINE	49	50	50	48	40	0	0	0	0	0	51	48	39	37	37
CAMPBELL (CANYON)	20	19	19	19	19	21	23	26	28	31	34	37	35	34	33
CANYON COUNTY	65	67	70	65	63	61	49	67	71	71	71	61	72	76	75
CONWAY-HAMMING	0	0	0	0	0	0	0	7	7	7	7	7	7	6	6
DAVIS DITCH	12	12	12	12	12	13	13	13	14	14	14	13	13	13	12
EUREKA #2	99	100	100	101	101	103	105	106	108	109	111	113	110	106	102
FARMERS UNION	222	224	222	223	224	225	228	229	230	229	229	228	228	226	219
GRAHAM-GILBERT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
HAAS	14	12	11	10	8	7	8	9	10	12	13	14	15	16	16
HART-DAVIS	9	8	7	9	12	12	12	13	13	13	13	13	13	14	14
ISLAND HIGH LINE	49	47	45	43	41	39	40	41	42	43	45	46	47	46	44
LEMP	8	8	8	8	8	8	8	9	9	9	9	9	8	8	8
LITTLE PIONEER	43	41	39	37	37	37	37	38	38	38	38	37	37	36	36
LOWER CENTER POINT	41	38	35	32	29	29	28	28	27	27	26	26	27	28	29
MACE-CATLIN	15	16	17	17	16	16	16	15	15	15	15	15	15	14	14
MACE-MACE	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2
MAMMON	7	7	7	7	7	7	7	8	8	9	9	10	10	10	10
MCCONNEL ISLAND	38	39	40	41	43	44	42	40	39	37	35	34	32	31	31
MCMAHUS & TEATER	5	5	5	5	5	5	4	4	3	3	2	2	2	2	3
MEEVES	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MIDDLETON	149	148	148	147	149	152	154	157	159	162	164	164	164	164	163
NEW DRY CREEK	63	63	57	63	63	76	76	76	76	77	74	74	74	74	74
NEW YORK CANAL (B. OF C.)	2551	2551	2551	2546	2546	2551	2529	2535	2535	2529	2535	2535	2540	2623	2618
PARMA	27	25	22	20	17	15	14	13	13	12	11	10	9	11	14
PENITENTIARY	8	8	8	8	8	10	10	10	10	10	10	10	10	7	7
PHYLLIS	440	440	437	440	444	442	479	481	442	444	437	435	437	440	442
RIDENBAUGH	550	547	551	544	550	548	548	554	554	561	560	559	547	550	548
RIVERSIDE	152	152	151	144	145	153	155	147	148	156	149	145	144	142	143
ROEDEL	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
ROSSI MILL	11	11	11	11	11	11	10	10	10	10	10	10	10	11	11
SEBREE (FARMERS CO-OP)	339	339	339	339	324	303	303	303	303	303	315	334	342	345	336
SETTLERS	190	190	190	191	191	191	194	194	195	194	192	191	191	190	189
SEVEN SUCKERS	4	4	4	4	4	4	0	0	0	0	0	0	0	4	4
SIEBENBERG	15	14	14	13	13	13	13	13	14	14	14	14	14	14	14
THURMAN MILL	32	32	32	32	32	32	31	31	31	31	31	31	32	32	33
UPPER CENTER POINT	15	16	17	18	19	19	19	19	20	20	20	20	19	18	17
WARM SPRINGS SLOUGH	9	9	10	10	9	8	7	7	6	5	4	4	4	4	5
TOTAL CANAL DIVERSIONS	5369	5357	5350	5329	5311	5276	5283	5321	5295	5317	5374	5390	5376	5460	5437
MISCELLANEOUS															
TOTAL DIVERSIONS															5445

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1970, INCLUDING STORAGE

AUGUST																				
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	4	4
19	18	18	18	18	18	18	18	19	19	19	19	19	19	20	20	20	21	21	22	22
17	17	17	18	18	18	19	19	19	19	19	19	20	20	20	20	20	20	19	19	19
23	24	24	24	24	23	22	21	20	18	17	16	16	16	16	17	17	17	17	16	16
29	30	33	32	33	33	33	33	30	34	28	29	30	31	32	33	33	33	32	32	32
7	8	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9
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26	31	34	37	35	34	33	31	30	28	27	27	27	27	26	26	26	26	27	27	28
71	71	71	61	72	76	75	83	87	81	82	80	81	81	80	81	76	74	70	69	79
7	7	7	7	7	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	0
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108	109	111	113	110	106	102	99	95	92	89	90	92	93	95	96	98	99	100	102	103
230	229	229	228	228	226	219	215	216	216	215	215	214	214	213	205	205	204	204	203	203
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41	42	43	45	46	46	44	42	41	39	37	36	35	33	31	29	28	26	25	27	29
9	9	9	9	8	8	8	7	7	7	7	6	6	5	5	4	4	4	4	4	3
38	38	38	37	37	36	36	35	34	34	34	34	34	34	34	34	34	35	36	37	38
28	27	27	26	27	28	29	30	31	32	33	33	33	33	33	33	33	33	32	31	30
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40	39	37	35	34	32	31	31	30	29	29	28	27	29	30	32	33	35	36	37	40
4	3	3	2	2	2	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5
2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	2	2	2	2	2
157	159	162	164	164	164	163	163	163	163	163	163	163	163	163	163	163	161	159	157	154
76	76	77	74	74	74	74	74	74	75	74	74	66	66	66	66	66	71	71	71	71
2535	2535	2529	2535	2535	2540	2623	2618	2618	2623	2629	2601	2618	2567	2567	2578	2578	2578	2578	2573	2524
13	13	12	11	10	9	11	14	17	20	22	25	27	28	29	30	32	33	35	36	31
10	10	10	10	10	10	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
481	442	444	437	435	437	440	442	444	442	442	451	453	448	451	451	444	420	427	366	414
554	554	561	560	559	547	550	550	548	557	538	543	536	533	539	539	540	535	529	531	522
147	148	156	149	145	144	142	143	144	150	141	142	149	148	144	147	140	151	135	130	139
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303	303	303	315	354	342	345	336	345	345	336	323	321	321	297	333	309	309	309	306	309
194	195	194	192	191	191	190	189	188	188	188	187	188	188	189	188	188	187	187	185	184
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5321	5295	5317	5374	5390	5376	5460	5437	5445	5463	5425	5392	5397	5338	5319	5368	5328	5304	5292	5209	5274

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
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19	19	19	19	19	19	20	20	20	21	21	22	22	21	20	601	
19	19	19	19	20	20	20	20	20	20	19	19	19	18	18	581	
20	18	17	16	16	16	16	17	17	17	17	16	16	15	15	608	
30	34	28	29	30	31	32	33	33	33	32	32	32	31	31	966	
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11	12	12	12	12	12	12	14	14	14	14	12	12	12	14	396	
39	39	43	40	39	41	41	40	41	40	44	45	45	43	44	1110	
30	28	27	27	27	27	26	26	26	26	27	27	28	28	29	838	
87	81	82	80	81	81	80	81	76	74	70	69	79	79	81	2268	
5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	120	
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	384	
95	92	89	90	92	93	95	96	98	99	100	102	103	104	106	3127	
216	216	215	215	214	214	213	205	205	204	204	203	203	202	197	6727	
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18	18	19	20	18	16	15	13	11	9	7	7	7	7	6	383	
14	14	14	14	15	15	15	15	15	15	14	14	14	13	13	403	
41	39	37	36	35	33	31	29	28	26	25	27	29	30	32	1178	
7	7	7	6	6	5	5	4	4	4	4	4	3	3	3	204	
35	34	34	34	34	34	34	34	34	35	36	37	38	40	42	1138	
30	31	32	33	33	33	33	33	33	33	32	31	30	29	28	957	
14	14	14	14	13	13	13	12	12	12	12	13	13	14	14	441	
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10	10	10	10	10	10	10	10	10	10	3	3	4	4	5	252	
30	29	29	28	27	29	30	32	33	35	36	37	39	40	42	1105	
3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	126	
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163	163	163	163	163	163	163	163	163	163	161	159	157	154	151	4905	
74	73	74	74	66	66	66	66	69	66	71	71	71	71	63	2162	
2618	2623	2629	2601	2618	2567	2567	2578	2578	2578	2578	2573	2590	2524	2535	2477	79509
17	20	22	25	27	28	29	30	32	33	35	36	34	31	29	27	688
7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	261
444	442	442	451	453	448	451	451	444	420	427	366	410	414	366	342	13451
548	557	538	543	536	533	539	539	540	535	529	531	529	522	531	523	16840
144	150	141	142	149	148	144	147	140	151	135	130	131	139	138	139	4494
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345	345	336	323	321	321	297	333	309	309	309	306	312	309	312	312	9986
188	188	188	187	188	188	189	188	188	187	187	187	185	184	182	181	5858
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14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	427
33	33	33	33	33	32	32	32	32	31	31	30	30	29	28	28	974
17	16	16	15	16	17	18	18	19	20	21	20	19	18	17	15	559
5	5	5	5	5	5	4	4	4	4	5	6	7	8	8	9	190
5445	5463	5485	5398	5397	5338	5319	5368	5328	5304	5292	5209	5274	5212	5167	5074	165252
																308
																16556

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
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19	19	19	19	19	19	20	20	20	21	21	22	22	21	20	601
19	19	19	19	20	20	20	20	20	20	19	19	19	18	18	581
20	18	17	16	16	16	16	17	17	17	17	16	16	15	15	608
30	34	28	29	30	31	32	33	33	33	32	32	32	31	31	966
															0
10	10	10	10	10	10	10	10	10	10	10	9	9	8	8	262
11	12	12	12	12	12	12	14	14	14	14	12	12	12	14	396
39	39	43	40	39	41	41	40	41	40	44	45	45	43	44	1110
30	28	27	27	27	27	26	26	26	26	27	27	28	28	29	838
															2268
87	81	82	80	81	81	80	81	76	74	70	69	79	79	81	120
5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	384
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	3127
95	92	89	90	92	93	95	96	98	99	100	102	103	104	106	6727
216	216	215	215	214	214	213	205	205	204	204	203	203	202	197	
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3	3	3	3	3	3	0	0	0	0	0	0	2	2	2	383
7	18	18	19	20	18	16	15	13	9	7	7	7	7	6	403
4	14	14	14	14	15	15	15	15	15	14	14	14	13	13	1178
12	41	39	37	36	35	33	31	29	26	25	27	29	30	32	204
7	7	7	7	6	6	5	5	4	4	4	4	3	3	3	
															1138
35	34	34	34	34	34	34	34	34	35	36	37	38	40	42	957
30	31	32	33	33	33	33	33	33	33	32	31	30	29	28	441
14	14	14	14	13	13	13	12	12	12	13	13	13	14	14	55
2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	252
10	10	10	10	10	10	10	10	10	10	3	3	4	4	5	
															1105
30	29	29	28	27	29	30	32	33	36	37	39	40	42	43	126
3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	76
2	4	4	4	4	4	4	4	2	2	2	2	2	2	2	4905
163	163	163	163	163	163	163	163	163	161	159	157	154	151	149	2162
74	75	74	74	66	66	66	66	69	71	71	71	71	63	59	
															79509
2618	2623	2629	2601	2618	2567	2567	2578	2578	2578	2573	2590	2524	2535	2477	688
17	20	22	25	27	28	29	30	32	33	35	36	34	31	29	261
7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	13451
444	442	442	451	453	448	451	451	444	420	427	366	410	414	366	16840
548	557	538	543	536	533	539	539	540	535	529	531	529	522	531	
															4494
144	150	141	142	149	148	144	147	140	151	135	130	131	139	138	60
3	3	3	3	2	2	2	1	1	1	1	1	1	1	2	330
11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	9986
345	345	336	323	321	321	297	333	309	309	309	306	312	309	312	5858
188	188	188	187	188	188	189	188	188	187	187	187	185	184	182	
															96
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	427
14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	974
33	33	33	33	33	32	32	32	32	31	31	30	30	29	28	559
17	16	16	15	16	17	18	18	19	20	21	20	19	18	17	190
5	5	5	5	5	5	4	4	4	4	5	6	7	8	9	
															165252
5445	5463	5425	5392	5397	5338	5319	5368	5328	5304	5292	5209	5274	5212	5167	308
															165560

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1970, INCLUDING STORAGE

SEPTEMBER																				
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4
25	27	28	29	31	30	29	28	27	26	25	26	28	29	31	32	34	35	33	32	30
14	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13
13	14	14	14	14	14	14	14	13	13	13	13	13	13	12	12	12	12	11	10	10
29	28	28	28	26	26	26	25	25	25	25	24	23	22	21	20	20	20	18	18	18
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12	13	12	11	11	9	9	11	13	12	11	11	7	0	0	0	0	0	0	0	11
45	38	34	34	34	34	34	34	30	33	32	33	33	33	33	34	33	33	33	33	33
34	35	35	36	36	35	35	35	34	34	34	35	36	36	37	37	38	38	38	37	37
74	71	67	68	53	54	55	56	53	54	50	50	56	55	53	54	56	54	54	53	51
0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11
87	83	78	74	73	72	71	71	70	69	64	59	54	49	43	38	33	33	34	34	35
170	164	158	156	161	154	154	142	143	148	149	152	154	144	123	123	123	123	124	122	120
3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	10	11	12	13	13	13	14	14	15	15	15	15	15	14	14	14	14	13	12	12
12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	12	12	11	10	10	9
43	45	46	47	48	47	45	43	42	40	38	39	41	42	43	45	47	49	46	42	38
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5
39	39	38	37	36	34	33	32	30	31	31	32	32	33	33	34	34	34	34	34	34
17	16	14	14	14	16	16	16	17	17	17	17	17	16	16	16	16	16	16	16	15
10	10	9	9	9	9	9	9	9	9	8	8	8	7	7	7	7	7	0	0	0
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43	42	41	40	39	38	37	36	36	35	34	34	34	33	33	33	32	32	31	30	29
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134	132	131	130	129	129	128	127	126	125	124	124	123	123	122	121	117	113	109	105	101
54	54	38	38	38	38	38	41	38	38	38	38	38	38	38	38	38	38	38	38	38
1759	1718	1713	1708	1791	1796	1796	1796	1791	1782	1787	1787	1791	1787	1791	1727	1736	1731	1731	1722	1736
22	23	23	24	24	22	19	16	14	12	10	10	10	9	9	9	8	8	8	7	7
8	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5
263	229	228	223	228	226	226	226	226	226	226	230	230	230	230	214	203	185	183	183	181
485	461	462	452	446	440	423	442	392	386	369	374	359	355	354	334	319	310	310	313	317
137	140	136	133	132	128	130	128	121	121	120	120	124	140	144	143	138	132	128	140	137
3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	8	8	8	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
188	186	188	188	188	188	190	190	188	216	219	219	219	224	190	192	149	147	147	147	145
143	143	143	140	129	127	115	104	103	103	102	102	101	101	90	81	81	79	73	73	72
0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0
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16	25	25	25	24	23	23	22	21	20	19	18	17	16	15	14	12	10	8	7	6
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11	11	11	10	9	8	7	6	5	4	4	4	4	4	4	4	4	4	4	4	4
31	3977	3851	3802	3770	3821	3799	3763	3754	3671	3686	3654	3660	3652	3638	3567	3454	3381	3333	3301	3286

CHART NO. 5

7	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
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25	26	28	29	31	32	34	35	33	32	30	29	28	26		824
12	12	12	12	12	12	12	12	13	13	13	13	13	13		399
13	13	13	13	12	12	12	12	11	10	10	9	8	8		379
25	24	23	22	21	20	20	20	18	18	18	23	18	18		741
															0
0	0	0	0	0	0	0	0	0	0	0	0	0	0		44
11	11	7	0	0	0	0	0	0	0	11	7	10	13		252
32	33	33	33	33	34	33	33	33	33	33	33	33	33		1082
34	35	36	36	37	37	38	38	38	37	37	37	36	36		1050
50	50	56	55	53	54	56	54	54	53	51	51	49	49		1797
0	0	1	1	1	1	1	1	1	0	1	1	1	1		11
12	12	12	12	12	12	12	12	11	11	11	11	11	11		354
64	59	54	49	43	38	33	33	34	34	35	35	36	36		1940
149	152	154	144	123	123	123	123	124	122	120	123	131	132		4515
0	0	0	0	0	0	0	0	0	0	0	0	0	0		29
15	15	15	15	14	14	14	14	13	12	12	11	10	10		351
12	13	13	13	13	12	12	11	10	10	9	8	8	8		348
38	39	41	42	43	45	47	49	46	42	38	35	31	28		1239
6	6	6	6	6	6	6	6	6	5	5	5	5	5		163
	31	32	32	33	33	34	34	34	34	34	34	34	34		1065
7	17	17	17	16	16	16	16	16	16	15	15	15	15		521
9	8	8	8	7	7	7	7	7	0	0	0	0	0		223
3	3	3	2	2	2	2	2	2	2	2	2	2	2		74
0	0	0	0	0	0	0	0	0	0	0	0	0	0		59
35	34	34	34	33	33	33	32	32	31	30	29	27	26	24	1097
0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	37
3	3	3	3	3	0	0	0	0	2	2	2	2	2	2	41
25	124	124	123	123	122	121	117	113	109	105	101	97	93	93	3706
38	38	38	38	38	38	38	38	38	38	38	38	30	38	38	1308
1782	1787	1787	1791	1787	1791	1727	1736	1731	1731	1722	1736	1736	1731	1731	55831
12	10	10	10	9	9	9	8	8	8	7	7	6	6	5	442
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	180
226	226	230	230	230	230	214	203	185	183	183	181	181	183	183	7106
386	369	374	359	355	354	334	319	310	310	313	316	317	312	310	12086
121	120	120	124	140	144	143	138	132	128	140	137	126	123	118	3959
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	211
216	219	219	219	224	190	192	149	147	147	147	145	145	143	140	5842
103	102	102	101	101	90	81	81	79	73	73	72	72	72	72	3454
5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	46
11	11	11	11	10	10	10	10	10	10	10	9	9	9	9	313
19	18	17	16	15	14	12	10	8	7	6	4	3	3	3	522
12	11	11	10	9	9	8	7	7	7	6	6	6	5	5	276
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	193
686	3654	3660	3652	3638	3567	3454	3381	3333	3301	3286	3287	3258	3244	3230	114257
															177
															11443

DISCHARGE IN SECOND FEET OF BOISE V
BY DAYS DURING THE IRRIGATION SEASON OF 1

NAME OF CANAL	OCTOBER															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
AIKEN	3	3	3	2	2	2	2	2	2	2	2					
ANDREWS	25	25	25	25	25	25	25	25	25	25	25	25	25	25	12	
BALLENTYNE	13	12	12	12	12	12	12	12	11	11	11	11	11	11	5	
BAXTER	7	7	7	7	7	7	7	7	7	7	7	7	7			
BOISE CITY	18	18	18	18	16	18	18	17	17	17	17	16	16	16	8	
BOONE																
BOWMAN-SWISHER																
BUBB (SOUTH BOISE MUTUAL)	13	10	10	9	9	9	10	12	11							
CALDWELL HIGH LINE	33	33	31	31	31	30	30	29	30	30						
CAMPBELL (CANYON)	34	32	30	28	25	23	21	21	21	22	22	22	22	22	11	
CANYON COUNTY	49	46	46	45	45	44	47	47	57	58	45	45	44	44	22	
CONWAY-HAMMING																
DAVIS DITCH	11	12	12	12	12	12	12	12	12	12	12	12	12	12	6	
EUREKA #2	36	35	35	35	34	34	34	34	33	33	32	32	31	31	15	
FARMERS UNION	132	133	133	135	132	135	136	119	114	115	108	107	92	92	46	
GRAHAM-GILBERT																
HAAS	9	9	9	9												
HART-DAVIS	7	7	7	6	6	6	6	6	6	5	5	5	5	5	2	
ISLAND HIGH LINE	24	24	24	24	24	24	24	24	24	24	24	25	25	25	12	
LEMP	5	5	4	4	4	4	4	4	4	4	4	4	4	4	2	
LITTLE PIONEER	33	33	32	31	31	30	30	30	30	31	31	31	31	31	15	
LOWER CENTER POINT	15	16	16	17	17	18	19	19	19	19	18	18	18	18	7	
MACE-CATLIN	0	0	2	2	2	2	2	2	2	2	2	2	2	2	1	
MACE-MACE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	
MAMMON																
MCCONNELL ISLAND	22	22	22	22												
MCMAHUS & TEATER																
MEEVES																
MIDDLETON	92	91	91	90	90	89	89	89	89	88	88	88	88	88	44	
NEW DRY CREEK	38	38	38	38	18	38	38	38	38	38	38	27	38	38	19	
NEW YORK CANAL (B. OF C.)	1731	1718	1722	1718	1731	1731	1731	1722	1727	1727	1727	1731	1727	1727	576	
PARMA	5	5	4	3	3	2	2	1	1	1	1	1	1	1		
PENITENTIARY	5	5	5	5	5	5										
PHYLLIS	183	183	183	183	183	183	183	183	183	183						
RIDENBAUGH	308	317	315	313	310	313	312	309								
RIVERSIDE	124	124	135	139	136	135	138	142	147	148	147	140	140	143	148	
ROEDEL	0	0	0	0	0	0	0	0	0	4	4	4	4	4	2	
ROSSI MILL	6	6	6	6	6	6	6	6	6	6	6					
SEBREE (FARMERS CO-OP)	139	137	137	137	137	137	120	118	118	120	120	120	120	120	120	
SETTLERS	72	73	73	77	78	78	77	77	76	74	73	72	72	72	36	
SEVEN SUCKERS	0	0	2	2	2	2	2	2	2	3	3	3	3	3	2	
SIEBENBERG	9	9	9	8	8	8	8	8	8	8	8	8				
THURMAN MILL	3	3	3	3	3	3	3	3	3	3	3	3				
UPPER CENTER POINT	5	6	7	8	9	10	11	11	11	12	12	13	13	13	6	
WARM SPRINGS SLOUGH	4	4														
TOTAL CANAL DIVERSIONS	3215	3203	3210	3206	3155	3177	3161	3133	2836	2834	2597	2571	2553	2549	1118	
MISCELLANEOUS																
TOTAL DIVERSIONS																

OCTOBER

	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2	2	2																			
25	25	25	25	25	25	25	12														
11	11	11	11	11	11	11	5														
7	7	7	7	7	7																
17	17	17	16	16	16	16	8														
11																					
30	30																				
21	22	22	22	22	22	22	11														
57	58	45	45	44	44	44	22														
12	12	12	12	12	12	12	6														
33	33	32	32	31	31	31	15														
114	115	108	107	92	92	92	46														
6	6	5	5	5	5	5	5	2													
24	24	24	24	25	25	25	25	12													
4	4	4	4	4	4	4	4	2													
30	31	31	31	31	31	31	31	15													
19	19	18	18	18	18	18	18	7													
2	2	2	2	2	2	2	2	1													
2	2	2	2	2	2	2	2	1													
89	89	88	88	88	88	88	88	44													
38	38	38	38	38	27	38	38	19													
1727	1727	1727	1727	1731	1727	1727	1727	576													
1	1	1	1	1	1	1	1	1													
183	183	183																			
309																					
142	147	148	147	140	140	140	143	148													
0	0	4	4	4	4	4	4	2													
6	6	6	6																		
118	118	120	120	120	120	120	120	120													
77	76	74	73	72	72	72	72	36													
2	2	3	3	3	3	3	3	2													
8	8	8	8	8																	
3	3	3	3																		
11	11	12	12	13	13	13	13	6													
2833	2836	2834	2597	2571	2553	2549	1118														

	TOTAL
	25
	362
	168
	91
	248
	0
	0
	93
	308
	356
	684
	0
	173
	484
	1729
	0
	36
	84
	351
	60
	450
	254
	25
	29
	0
	88
	0
	0
	1294
	520
	24746
	31
	30
	1830
	2497
	2086
	22
	66
	1900
	1080
	31
	99
	33
	147
	8
	42518
	41
	42559

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1970

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
AIKEN	116	236	234	274	174	252	50	1336
ANDREWS	762	2066	1614	1224	1202	1648	724	9240
BALLENTYNE	508	1022	1050	1176	1162	786	336	6040
BAXTER	232	782	434	508	1216	746	182	4100
BOISE CITY	546	2116	2082	1898	1932	1482	496	10552
BOONE	0	0	0	0	0	0	0	0
BOWMAN & SWISHER	232	466	482	252	524	88	0	2044
BUBB	242	652	634	728	792	504	186	3738
CALDWELL HIGH LINE	1706	3968	2852	2914	2220	2164	616	16440
CAMPBELL	1186	2546	1600	1234	1676	2100	712	11054
CANYON COUNTY	2264	5288	5362	4974	4536	3594	1368	27386
CONWAY-HAMMING	0	210	144	216	240	22	0	832
DAVIS	226	668	610	712	768	708	346	4038
EUREKA #2	3048	6546	6042	6214	6254	3880	968	32952
FARMERS UNION	4336	14324	13980	14500	13454	9030	3458	73082
GRAHAM-GILBERT	6	128	64	140	138	58	0	534
HAAS	96	660	1018	744	766	702	72	4058
HART-DAVIS	0	816	518	698	806	696	168	3702
ISLAND HIGH LINE	1546	3102	2878	2788	2356	2478	702	15850
LEMP	292	300	368	360	408	326	120	2174
LITTLE PIONEER	1476	3628	3166	2960	2276	2130	900	16536
LOWER CENTER POINT	760	1454	1694	2296	1914	1042	508	9668
MACE-CATLIN	236	524	258	406	882	446	50	2802
MACE-MACE	0	196	144	102	110	148	58	758
MAMMON	12	352	336	382	504	118	0	1704
MCCONNEL ISLAND	1170	3476	3568	2508	2210	2194	176	15302
MCMANUS & TEATER	174	172	144	340	252	74	0	1156
MEEVES	58	138	256	160	152	82	0	846
MIDDLETON	5122	11208	10050	10500	9810	7412	2588	56690
MISCELLANEOUS	40	380	278	628	616	354	82	2378
NEW DRY CREEK	1428	4660	4502	4542	4324	2616	1040	23112
NEW YORK CANAL	87444	158680	155654	163652	159018	111662	49492	885602
PARMA	1030	2078	1776	1472	1376	884	62	8678
PENITENTIARY	0	466	438	496	522	360	60	2342
PHYLLIS	13838	27148	23730	29272	26902	14212	3660	138762
RIDENBAUGH	13650	33284	32048	33696	33680	24172	4994	175524
RIVERSIDE	9254	13640	12784	10482	8988	7918	4172	67238
ROEDEL	36	116	80	146	120	66	44	608
ROSSI MILL	130	620	614	634	660	422	132	3212
SEBREE	6472	13312	16358	20194	19972	11684	3800	91792

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1970

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
SETTLERS	1976	11112	10300	11278	11716	6908	2160	55450
SEVEN SUCKERS	62	88	64	104	192	92	62	664
SIEBENBERG	378	1034	688	978	854	626	198	4756
THURNAN MILL	362	2074	1734	1874	1948	1044	66	9102
UPPER CENTER POINT	332	974	1040	1012	1118	552	294	5322
WARM SPRINGS SLOUGH	0	114	260	372	380	386	16	1528
TOTALS	162784	336824	323930	342040	331120	228868	85118	1810684

CHART NO. 6 ONLY THE CANALS WHICH HAVE HEADINGS FROM THE BOISE RIVER.
FOR WATER THROUGH ANOTHER CANAL.
FROM ACTUAL AMOUNT DIVERTED BY EACH DECREED CANAL OR USER.
GROUP OF INDIVIDUAL USERS.

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1970

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
SETTLERS	1976	11112	10300	11278	11716	6908	2160	55450
SEVEN SUCKERS	62	88	64	104	192	92	62	664
SIEBENBERG	378	1034	688	978	854	626	198	4756
THURNAN MILL	362	2074	1734	1874	1948	1044	66	9102
UPPER CENTER POINT	332	974	1040	1012	1118	552	294	5322
WARM SPRINGS SLOUGH	0	114	260	372	380	386	16	1528
TOTALS	162784	336824	323930	342040	331120	228868	85118	1810684

THIS CHART SHOWS ONLY THE CANALS WHICH HAVE HEADINGS FROM THE BOISE RIVER.
SOME CANALS GET THEIR WATER THROUGH ANOTHER CANAL.
CHARTS #7 AND #8 SHOW ACTUAL AMOUNT DIVERTED BY EACH DECREED CANAL OR USER.
MISCELLANEOUS IS A GROUP OF INDIVIDUAL USERS.

NAME OF CANAL	1967	1968	1969	1970
AIKEN		1212	1122	1336
ANDREWS		8042	7708	9240
BALLENTYNE	5148	4518	6284	6040
BAXTER		4460	3210	4100
BOISE CITY	9812	10430	11110	10552
BOISE VALLEY	19988	19124	20358	17462
BOONE			106	0
BOWMAN-SWISHER		3474	3038	2044
BUBB (SOUTH BOISE MUTUAL)	5390	4452	4098	3738
CALDWELL HIGH LINE	21440	17308	19044	16440
CAMPBELL (CANYON)	9344	9536	11258	11054
CANYON COUNTY WATER CO.	24268	22428	24682	27386
CAPITAL VIEW IRRIG. DIST.	2072	2142	2730	2440
CONWAY-HAMMING		1238	1304	832
DAVIS DITCH	3834	4680	4124	4038
EUREKA WATER CO. #1	7574	8456	10568	10672
EUREKA #2	32866	36268	31052	32952
FARMERS UNION	51008	49316	52656	53180
GRAHAM-GILBERT		648	676	534
HAAS		4294	3330	4058
HART-DAVIS		5776	4382	3702
ISLAND HIGH LINE		13914	15988	15850
LEMP		2980	1504	2174
LITTLE PIONEER	11282	9114	14032	16536
LOWER CENTER POINT	12702	11292	8676	9668
MACE-CATLIN		2428	2408	2802
MACE-MACE		1114	814	758
MAMMON		1162	1384	1704
MCCONNELL ISLAND		10832	12894	15302
MCMANUS AND TEATER		1340	1564	1156
MEEVES		612	690	846
MIDDLETON WATER CO.	27928	29133	31028	32880
MIDDLETON MILL DITCH	20224	21097	22468	23810
MISCELLANEOUS	5962	6102	9960	2378
NEW DRY CREEK	19088	19964	21764	19110
NEW UNION	5158	5118	4024	4002
NEW YORK CANAL (B. OF C.)	908206	857014	930788	885602
PARMA		7462	6984	8678
PENITENTIARY	1954	2114	2008	2342
PHYLLIS	125032	105940	132490	128090
PIONEER DIXIE	24206	24766	23618	23700
RIDENBAUGH	174206	169182	177208	175524
RIVERSIDE #2	57026	54290	51356	43538
ROEDEL		1780	610	608
ROSSI MILL (SOUTH BOISE CANAL)	3232	3082	3478	3212

100

1

100

PLATE 10. 1000 FEET

1902

Chart No. 7

NAME OF CANAL	1967	1968	1969	1970
SEBREE (FARMERS CO-OP)	105780	101228	94108	91792
SETTLERS	52424	51430	51930	55450
SEVEN SUCKERS		1390	788	664
SIEBENBERG	4280	3736	4378	4756
THURMAN MILL	10512	10198	11564	9102
UPPER CENTER POINT	5270	5518	5186	5322
WARM SPRINGS SLOUGH		2558	2116	1528
TOTAL SUMMER DIVERSIONS	1785410	1755632	1870648	1810684
STORAGE WATER USED		581723	555489	471312
SUMMER RETURN FLOW USED	428828	253699	385530	423236
NATURAL FLOW USED IRRIGATION SEASON		920210	929629	916136
FLOOD CONTROL & OTHER LOSS TO IRRIGATION	0	0	239554	324006
LOSS TO THE BOISE RIVER @PARMA		237060	783482	573559
OUTFLOW LUCKY PEAK RESERVOIR				1823244
FISH AND GAME	37050	18992	10290	16126
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	93370	27416	0	4272
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM	0	0	709378	920626
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1785410	1802040	1880938	1831082
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	1487002	1364416	2519304	2295068
TOTAL LOSS TO THE BOISE RIVER @PARMA		454788	1527244	1218344
TOTAL OUTFLOW LUCKY PEAK	1647352	1466906	2384296	2102898

YEARS 1950 THRU 1966 IN PREVIOUS REPORTS

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1967

1970

91792

55450

664

4756

9102

5322

1528

1810684

471312

423236

916136

324006

573559

1823244

16126

4272

920626

1831082

2295068

1218344

2102898

IN ACRE FEET

CHART NO. 7

TABLE SHOWING ACRE FEET PER

FOR EACH IRRIGA
(ACREAGE TAKE

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968
AIKEN							
✓ ANDREWS						236	5.14
BALLENTYNE	763	9.04	763	6.99	6.75	1068	7.53
✓ BAXTER						763	5.92
BOISE CITY	1828	5.40	1828	5.67	5.37	200	2.23
						1828	5.71
BOISE VALLEY							
BOONE	2729	5.78	2729	8.12	7.32	2729	7.01
BOWMAN-SWISHER							
BUBB (SOUTH BOISE MUTUAL)	1057	4.23	1057	4.63	5.10	424	8.19
*CALDWELL HIGH LINE	3960	5.27	3960	4.25	5.41	1057	4.21
						3960	4.37
CAMPBELL (CANYON)	802	15.54	802	13.78	11.65	802	11.89
CANYON COUNTY	4007	6.30	4007	6.36	6.06	4007	5.60
CAPITAL VIEW						600	3.57
CONWAY-HAMMING						259	4.78
DAVIS DITCH	634	7.10	634	6.99	6.05	634	7.38
EAGLE ISLANDS CANALS	2637	5.85	2134	6.26	6.93	(LISTED INDIVIDUALLY)	
EUREKA WATER CO. #1	1800	5.24	1800	6.00	4.21	1800	4.70
EUREKA #2	2625	14.67	2625	16.48	12.52	2625	13.82
FARMERS UNION	8900	6.98	8900	6.04	5.96	8300	5.94
GRAHAM-GILBERT						200	3.24
HAAS							
HART-DAVIS						750	5.73
✓ ISLAND HIGH LINE						453	12.75
LEMP						945	14.72
LITTLE PIONEER	1286	10.53	1286	8.81	8.77	300	9.93
						1286	7.09
LOWER CENTER POINT	880	11.47	880	16.15	14.43	880	12.83
MACE-CATLIN						536	4.53
MACE-MACE						80	13.93
**HAMMON						168	6.92
✓ McCONNEL ISLAND						1600	6.77
McMANUS & TEATER							
MEEVES						168	7.98
MIDDLETON IRRIG. ASSOC.	5182	5.89	5180	6.01	5.39	90	6.80
MIDDLETON MILL	4400	5.02	4400	5.12	4.60	5180	5.62
MISCELLANEOUS	511	7.25	1428	6.74	3.53	4400	4.80
						957	6.38
NEW DRY CREEK	3059	7.21	3059	6.61	6.24	3059	6.53
NEW UNION	688	6.96	688	7.30	7.50	688	7.44
NEW YORK CANAL (B. OF C.)	164734	5.23	164729	5.33	5.51	164617	5.21
✓ PARMA						602	12.40
PENITENTIARY	321	7.79	433	6.02	4.51	321	6.59

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1965
(ACREAGE TAKEN FROM CHART NO. 9)

1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970
	236	5.14	236	4.75	236	5.66
	1068	7.53	1068	7.22	1068	8.65
6.75	763	5.92	763	8.24	763	7.92
	200	2.23	200	16.05	200	20.50
5.37	1828	5.71	1828	6.08	1828	5.77
7.32	2729	7.01	2729	7.46	2729	6.40
			517	.21	517	0
	424	8.19	424	7.17	424	4.82
5.10	1057	4.21	1057	3.88	1057	3.54
5.41	3960	4.37	3960	4.81	3960	4.15
11.65	802	11.89	802	14.04	802	13.78
6.06	4007	5.60	4007	6.16	4007	6.83
	600	3.57	600	4.55	600	4.07
	259	4.78	259	5.03	259	3.21
6.05	634	7.38	634	6.50	634	6.37
6.93	(LISTED INDIVIDUALLY)					
4.21	1800	4.70	1800	5.87	1800	5.93
12.52	2625	13.82	2625	11.83	2625	12.55
5.96	8300	5.94	8300	6.34	8300	6.41
	200	3.24	200	3.38	200	2.67
	750	5.73	867	3.84	867	4.68
	453	12.75	453	9.67	453	8.17
	945	14.72	945	16.92	945	16.77
	300	9.93	300	5.01	300	7.25
8.77	1286	7.09	1286	10.91	1286	12.86
14.43	880	12.83	880	9.86	880	10.99
	536	4.53	536	4.49	536	5.23
	80	13.93	80	10.18	80	9.48
	168	6.92	468	2.96	468	3.64
	1600	6.77	1600	8.06	1600	9.56
	168	7.98	168	9.31	168	6.88
	90	6.80	90	7.67	90	9.40
5.39	5180	5.62	5180	5.99	5180	6.35
4.60	4400	4.80	4400	5.11	4400	5.41
3.53	957	6.38	2610	3.82	763	3.12
6.24	3059	6.53	3059	7.11	3059	6.25
7.50	688	7.44	688	5.85	688	5.82
5.51	164617	5.21	164617	5.65	164617	5.38
	602	12.40	602	11.60	602	14.42
4.51	321	6.59	321	6.26	321	7.30

VALLEY CANALS

CHART NO. 8

ACRES
IRRIGATED 1970

236 5.66
1068 8.65
763 7.92
200 20.50
1828 5.77

2729 6.40
517 0
424 4.82
1057 3.54
3960 4.15

802 13.78
4007 6.83
600 4.07
259 3.21
634 6.37

1800 5.93
2625 12.55
8300 6.41
200 2.67

867 4.68
453 8.17
945 16.77
300 7.25
1286 12.86

880 10.99
536 5.23
80 9.48
468 3.64
1600 9.56

168 6.88
90 9.40
5180 6.35
4400 5.41
763 3.12

3059 6.25
688 5.82
164617 5.38
602 14.42
321 7.30

TABLE SHOWING ACRE FEET PER ACRE

FOR EACH IRRIGATION
(ACREAGE TAKEN FROM

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED
PHYLLIS	24362	5.53	24362	5.83	5.13	24362	4.35	2
PIONEER DIXIE	2030	10.42	2030	11.52	11.92	2030	12.20	2
RIDENBAUGH	26747	6.65	26877	6.34	6.48	26877	6.30	21
RIVERSIDE #2	10645	4.83	10645	5.18	5.36	10645	5.10	10
ROEDEL						160	11.13	
ROSSI MILL	500	6.94	500	6.48	6.46	500	6.16	
SEBREE (FARMERS CO-OP)	15500	6.23	15500	7.93	6.82	15500	6.53	15
SETTLERS	12282	4.14	12282	4.67	4.27	12282	4.19	122
SEVEN SUCKERS						70	19.00	
SIEBENBERG	646	6.07	646	8.53	6.63	646	5.78	6
THURMAN MILL	1799	5.78	1799	5.67	5.84	1799	5.67	17
UPPER CENTER POINT	641	9.05	641	10.63	8.22	641	8.61	6
WARM SPRINGS SLOUGH						494	5.18	49
TOTALS	307955	5.69	308604	5.88	5.79	314578	5.58	31812

* FRANKLIN DITCH COMPANY AND MASON CREEK DITCH COMPANY LANDS ONLY. THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE IS IRRIGATED BY THE CALDWELL DITCH COMPANY.

** THE BALANCE OF THE LAND UNDER COMMON DITCH IS IRRIGATED BY THE CALDWELL DITCH COMPANY.

ACREAGE TABLE WAS REVISED IN 1947, 1956, 1964, 1965, 1966 AND 1968

1947 THROUGH 1964 CAN BE FOUND IN PREVIOUS ANNUAL REPORTS.

THE USE OF WATER PER ACRE IS A GROSS FIGURE, FOR A NET FIGURE TO THE LAND ALLOW ABOUT 35% LOSS.

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1965
(ACREAGE TAKEN FROM CHART NO. 9)

1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970
5.13	24362	4.35	24362	5.44	24362	5.26
11.92	2030	12.20	3000	7.87	3000	7.90
6.48	26877	6.30	26877	6.59	26877	6.53
5.36	10645	5.10	10645	4.82	10645	4.09
	160	11.13	160	3.81	160	3.80
6.46	500	6.16	500	6.96	500	6.42
6.82	15500	6.53	15500	6.07	15500	5.92
4.27	12282	4.19	12282	4.23	12282	4.51
	70	19.00	70	11.26	70	9.49
6.63	646	5.78	646	6.78	646	7.36
5.84	1799	5.67	1799	6.43	1799	5.06
8.22	641	8.61	641	8.09	641	8.30
	494	5.18	494	4.28	494	3.09
5.79	314578	5.58	318135	5.88	316288	5.72

ANCE OF THE LAND UNDER THE CALDWELL HIGH LINE IS IRRIGATED WITH WATER DIVERTED FROM MASON DRAIN AND FIVE MILE CREEK.
XXXXXXXXXXXXXXXXXXXX.

LOW ABOUT 35% LOSS.

BY BOISE VALLEY CANALS

CHART NO. 8

FROM 1965
NO. 9)

1969	ACRES IRRIGATED	1970
5.44	24362	5.26
7.87	3000	7.90
6.59	26877	6.53
4.82	10645	4.09
3.81	160	3.80
6.96	500	6.42
6.07	15500	5.92
4.23	12282	4.51
11.26	70	9.49
6.78	646	7.36
6.43	1799	5.06
8.09	641	8.30
4.28	494	3.09
5.88	316288	5.72

IRRIGATED WITH WATER DIVERTED FROM MASON DRAIN AND FIVE MILE CREEK.

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 9

ANDREWS.....	1,068 ACRES	LOWER CENTER POINT.....	880 ACRES
BALLENTYNE.....	763 "	MAMMON.....	468 "
BAXTER.....	200 "	MCCONNEL ISLAND.....	1,600 "
BOISE CITY.....	1,828 "	MCMANUS & TEATER.....	168 "
BOISE VALLEY.....	2,729 "	MEEVES.....	90 "
BOWNE.....	517 "	MIDDLETON MILL.....	4,400 "
BOWMAN & SWISHER.....	424 "	MIDDLETON WATER.....	5,180 "
BUBB (SOUTH BOISE MUTUAL).....	1,057 "	MISCELLANEOUS.....	763 "
CALDWELL HIGH LINE.....	13,960 "	NEW DRY CREEK.....	3,059 "
CAMPBELL.....	802 "	NEW UNION.....	688 "
CANYON COUNTRY.....	4,007 "	NEW YORK	
CAPITAL VIEW.....	600 "	BIG BEND IRRIG. DIST.....	1,724 "
DAVIS & LITTLE DAVIS.....	634 "	BOISE-KUNA IRRIG. DIST.....	48,339 "
EAGLE ISLAND CANALS		NAMPA & MERIDIAN IRRIG. DIST..	40,344 "
AIKEN.....	236 "	NEW YORK IRRIG. DIST.....	17,629 "
CONWAY & HAMMING.....	259 "	WILDER IRRIG. DIST.....	56,581 "
GRAHAM & GILBERT.....	200 "	TOTAL - BOARD OF CONTROL....	164,617 ACRES
HART & DAVIS.....	453 "	PARMA DITCH CO.....	602 "
LEMP DITCH.....	300 "	PENITENTIARY.....	321 "
MACE & CATLIN.....	536 "	PIONEER IRRIG. DIST.....	24,362 "
MACE & MACE.....	80 "	PIONEER DIXIE.....	3,000 "
SEVEN SUCKERS.....	70 "	RIDENBAUGH.....	26,877 "
WARM SPRINGS SLOUGH.....	494 "	RIVERSIDE IRRIG. DIST.....	10,645 "
TOTAL-EAGLE ISLAND CANALS.	2,628 ACRES	ROEDEL.....	160 "
EUREKA WATER CO. #1.....	1,800 "	ROSSI MILL.....	500 "
EUREKA DITCH CO. #2.....	2,625 "	SEBREE.....	15,500 "
FARMERS UNION.....	8,300 "	SETTLERS.....	12,282 "
HAAS.....	867 "	SIEBENBERG.....	646 "
ISLAND HIGH LINE.....	945 "	THURMAN MILL.....	1,799 "
LITTLE PIONEER.....	1,286 "	UPPER CENTER POINT.....	641 "
		TOTAL.....	326,288 ACRES

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

BLACK CANYON IRRIGATION DISTRICT.....	6,894 ACRES
CALDWELL IRRIGATION DISTRICT.....	755 "
MORELAND & VIAL (DIXIE DRAIN).....	640 "
	8,289 ACRES

GRAND TOTAL..... 334,577 ACRES

THIS ACREAGE IS BASED, IN SOME INSTANCES, UPON ACTUAL SURVEYS, AND IN OTHER CASES UPON THE ACREAGE AS DETERMINED AT THE TIME OF THE STEWART DECREE, AND IS THE BEST INFORMATION AVAILABLE AT THE PRESENT TIME. IT WAS ORIGINALLY COMPUTED FEBRUARY 14, 1941, BUT HAS BEEN REVISED SEVERAL TIMES, PARTICULARLY TO REDUCE RIVER BOTTOM ACREAGES TO CONFORM TO STEWART DECREE ACREAGES AS DETERMINED BY SPECIAL COMMITTEE, AND TO ACCOMMODATE TRANSFERS FROM ONE CANAL OR USER TO ANOTHER.

RIDENBAUGH REPRESENTS OLD LANDS WITHIN THE NAMPA & MERIDIAN IRRIGATION DISTRICT THAT ARE WATERED BY THE OLD RIDENBAUGH WATER RIGHTS IN THE STEWART DECREE. THE BALANCE OF THE NAMPA & MERIDIAN IRRIGATION DISTRICT LANDS ARE INCLUDED UNDER THE BOARD OF CONTROL.

* 3960 ACRES ARE WATERED WITH LIVE WATER. THE BALANCE OF THE WATER COMES FROM FIVE MILE CREEK AND MASON DRAIN.

BOISE RIVER STORAGE ACCOUNTS - 1970

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	USED JULY	BALANCE	USED AUGUST	BALANCE
BALLENTYNE	0	376	1284	1660	56	1604	284	1320
BOISE CITY	0	0	987	987	0	987	256	731
BOISE VALLEY	0	961	2468	3429	0	3429	524	2905
BUBB (SOUTH BOISE MUTUAL)	0	543	494	1037	0	1037	84	953
CANYON COUNTY	0	0	5924	5924	128	5796	1186	4610
CAPITAL VIEW	0	460	296	756	12	744	30	714
DAVIS	0	0	1481	1481	30	1451	256	1195
EAGLE ISLAND CANALS	0	0	7553	7553	32	7521	478	7043
EUREKA #1	0	0	2765	2765	0	2765	646	2119
FARMERS UNION	2874	5727	9874	18475	542	17933	4800	13133
LITTLE PIONEER	0	2174	494	2668	742	1926	900	1026
MIDDLETON	0	0	10861	10861	122	10739	2922	7817
NEW DRY CREEK	0	1296	2962	4258	66	4192	1048	3144
NEW UNION	0	0	1382	1382	0	1382	186	1196
NEW YORK	*253607	***358025	0	611632	89884	521748	153112	368636
PHYLLIS	21018	25582	15798	62398	6588	55810	18778	37032
RIDENBAUGH	3832	***17046	34558	55436	1930	53506	13628	39878
ROSSI MILL	0	0	691	691	0	691	106	585
SEBREE	1227	0	0	1227	0	1227	0	1227
SETTLERS	**3400	5810	9874	19084	378	18706	5180	13526
THURMAN MILL	0	0	790	790	0	790	0	790
OMER ANDERSON	6	0	0	6	6	0	0	0
BOISE CASCADE	214	0	0	214	38	176	70	106
FISH AND GAME DEPT.	0	0	49369	49369	0	49369	0	49369
KROEGER DITCH	162	0	0	162	84	78	78	0
LUCKY PEAK NURSERY	200	0	0	200	****60	140	36	104
MEEVES #2	24	0	0	24	24	0	0	0
PECORA DITCH	36	0	0	36	36	0	0	0
POWER	0	5200	0	5200	0	5200	0	5200
UNCONTRACTED LUCKY PEAK SPACE	0	0	114783	114783	0	114783	0	114783
TOTALS	286600	423200	274688	984488	100758	883730	204588	679142

* LESS 1622 ACRE FEET OF ARROWROCK STORAGE TO IRRIGATE GOVERNMENT LANDS IRRIGATED BY SETTLERS * INCREASED BY 22358 ACRE FEE
 ** SETTLERS ARROWROCK STORAGE INCREASED 1622 ACRE FEET TO IRRIGATE GOVERNMENT LANDS
 *** NEW YORK-BOARD OF CONTROL TRANSFERRED 1909 ACRE FEET OF ANDERSON STORAGE TO THE RIDENBAUGH CANAL FOR GOVERNMENT LANDS
 **** LUCKY PEAK NURSERY ACCUMULATED STORAGE USE FOR APRIL, MAY, JUNE & JULY

FISH AND GAME STORAGE TO BE RUN DURING WINTER MONTHS

BOISE RIVER STORAGE ACCOUNTS - 1970 - IN ACRE FEET

USED JULY	BALANCE	USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 15-1970	ANDERSON CARRYOVER	LUCAS CARRYOVER
56	1604	284	1320	48	1272	0	1272	388	0	
0	987	256	731	80	651	0	651	336	0	
0	3429	524	2905	88	2817	0	2817	612	349	
0	1037	84	953	108	845	0	845	192	351	
128	5796	1186	4610	702	3908	0	3908	2016	0	
12	744	30	714	20	694	0	694	62	398	
30	1451	256	1195	146	1049	0	1049	432	0	
32	7521	478	7043	250	6793	0	6793	760	0	
0	2765	646	2119	0	2119	0	2119	646	0	
542	17933	4800	13133	2690	10443	0	10443	8032	569	
742	1926	900	1026	604	422	186	236	2432	0	
122	10739	2922	7817	1216	6601	0	6601	4260	0	
66	4192	1048	3144	16	3128	0	3128	1130	166	
0	1382	186	1196	70	1126	0	1126	256	0	
89884	521748	153112	368636	105432	263204	39964	223240	388392	223240	
6588	55810	18778	37032	5880	31152	0	31152	31246	15354	1
1930	53506	13628	39878	5320	34558	0	34558	20878	0	34
0	691	106	585	4	581	0	581	110	0	
0	1227	0	1227	0	1227	0	1227	0	0	
378	18706	5180	13526	3014	10512	0	10512	8572	638	9
0	790	0	790	0	790	0	790	0	0	
6	0	0	0	0	0	0	0	6	0	
38	176	70	106	94	12	12	0	214	0	
0	49369	0	49369	0	49369	0	49369	0	0	49
84	78	78	0	0	0	0	0	162	0	
****60	140	36	104	20	84	2	82	118	0	
24	0	0	0	0	0	0	0	24	0	
36	0	0	0	0	0	0	0	36	0	
0	5200	0	5200	0	5200	0	5200	0	5200	
0	114783	0	114783	0	114783	0	114783	0	0	114
100758	883730	204588	679142	125802	553340	40164	513176	471312	246265	265

GATED BY SETTLERS * INCREASED BY 22358 ACRE FEET OF HILLCREST STORAGE
LANDS
TO THE RIDENBAUGH CANAL FOR GOVERNMENT LANDS

RE FEET

CHART NO. 10

<u>BER</u>	<u>BALANCE</u>	<u>USED</u> <u>OCTOBER</u>	<u>BALANCE</u>	<u>TOTAL USED</u> <u>APRIL THRU</u> <u>OCT. 15-1970</u>	<u>ANDERSON</u> <u>CARRYOVER</u>	<u>LUCKY PEAK</u> <u>CARRYOVER</u>	<u>ARROWROCK</u> <u>BALANCE</u> <u>NO CARRYOVER</u>
48	1272	0	1272	388	0	1272	0
80	651	0	651	336	0	651	0
88	2817	0	2817	612	349	2468	0
108	845	0	845	192	351	494	0
702	3908	0	3908	2016	0	3908	0
20	694	0	694	62	398	296	0
146	1049	0	1049	432	0	1049	0
250	6793	0	6793	760	0	6793	0
0	2119	0	2119	646	0	2119	0
2690	10443	0	10443	8032	569	9874	0
604	422	186	236	2432	0	236	0
1216	6601	0	6601	4260	0	6601	0
16	3128	0	3128	1130	166	2962	0
70	1126	0	1126	256	0	1126	0
5432	263204	39964	223240	388392	223240	0	0
5880	31152	0	31152	31246	15354	15798	0
5320	34558	0	34558	20878	0	34558	0
4	581	0	581	110	0	581	0
0	1227	0	1227	0	0	0	1227
3014	10512	0	10512	8572	638	9874	0
0	790	0	790	0	0	790	0
0	0	0	0	6	0	0	0
94	12	12	0	214	0	0	0
0	49369	0	49369	0	0	49369	0
0	0	0	0	162	0	0	0
20	84	2	82	118	0	0	82
0	0	0	0	24	0	0	0
0	0	0	0	36	0	0	0
0	5200	0	5200	0	5200	0	0
0	114783	0	114783	0	0	114783	0
5802	553340	40164	513176	471312	246265	265602	1309

T OF HILLCREST STORAGE

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BOISE PROJECT BOARD OF CONTROL	177,816	62.01
NAMPA & MERIDIAN	55,055	19.25
PIONEER IRRIGATION DISTRICT	21,018	7.333
FARMERS UNION DITCH CO.	2,874	1.000
SETTLERS IRRIGATION DISTRICT	1,778	.62
FARMERS CO-OP CANAL CO.	1,227	.428
RIDENBAUGH CANAL	3,832	1.337
HILLCREST	23,000	8.02
TOTAL	286,600	99.998

ANDERSON

BOISE-KUNA IRRIGATION DISTRICT	112,149	26.83
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
BIG BEND IRRIGATION DISTRICT	3,887	.93
NAMPA & MERIDIAN	77,784	18.61
TOTAL BOARD OF CONTROL	359,934	
RIDENBAUGH	15,137	3.62
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH CO.	5,727	1.37
NEW DRY CREEK DITCH CO.	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLENTYNE DITCH CO.	376	.09
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00
POWER	5,000	

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BALLENTYNE		
BOISE CITY	1,300	.467
BOISE VALLEY	1,000	.360
BURR (SOUTH BOISE MUTUAL)	2,500	.899
CANYON COUNTY	500	.180
CAPITAL VIEW IRRIG. DIST.	6,000	2.157
DAVIS DITCH (VILLAGE OF GARDEN CITY)	300	.108
EAGLE ISLAND WATER CO.	1,500	.539
EUREKA WATER CO. #1	7,650	2.750
FARMERS UNION	2,800	1.006
LITTLE PIONEER	10,000	3.595
MIDDLETON IRRIG. ASSN.	500	.180
MIDDLETON MILL	6,380	2.293
NEW DRY CREEK	4,620	1.661
NEW UNION	3,000	1.078
PHYLLIS (PIONEER IRRIG. DIST.)	1,400	.503
RIDENBAUGH	16,000	5.751
ROSSI MILL (SOUTH BOISE WATER)	35,000	12.580
SETTLERS	700	.252
THURMAN MILL	10,000	3.595
U. S. FISH & GAME	800	.288
	50,000	17.978
UNCONTRACTED SPACE		
	116,250	41.786
TOTAL	278,200	100.0

TRIBUTARY AND RETURN FLOW
IRRIGATION SEASON OF

NAME OF TRIBUTARY	APRIL														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOISE SEWER	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12
DIXIE DRAIN	135	121	107	93	79	65	51	37	45	53	60	68	76	83	91
DRAINAGE DISTRICT #3															
EAGLE DRAIN															
FIVE MILE CREEK															
HARTLEY DRAIN															
HARTLEY GULCH															
INDIAN CREEK															
MASON CREEK															
MASON DRAIN															
NORTH MIDDLETON DRAIN															
SOUTH MIDDLETON DRAIN															
THURMAN DRAIN															
WILLOW CREEK															
TOTALS	146	132	118	104	90	76	62	48	56	64	71	80	88	95	103

NAME OF TRIBUTARY	MAY														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOISE SEWER	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13
DIXIE DRAIN	196	186	176	166	156	146	136	155	174	193	212	231	250	269	265
DRAINAGE DISTRICT #3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
EAGLE DRAIN	39	40	40	41	42	44	45	46	48	49	50	51	53	54	55
FIVE MILE CREEK	50	44	38	31	25	19	19	19	20	20	20	20	21	21	21
HARTLEY DRAIN	53	54	55	57	58	59	61	62	63	64	66	67	68	69	70
HARTLEY GULCH	27	27	28	28	29	29	29	30	30	30	31	31	31	31	30
INDIAN CREEK	100	97	93	90	86	82	102	122	142	162	183	203	223	207	192
MASON CREEK	26	26	26	26	26	26	25	24	24	23	23	22	22	21	21
MASON DRAIN	55	55	55	55	55	55	61	67	73	79	85	91	97	103	109
NORTH MIDDLETON DRAIN	40	42	43	44	45	47	48	49	50	52	53	55	56	56	56
SOUTH MIDDLETON DRAIN	164	167	170	173	176	179	182	185	188	191	194	197	200	196	193
THURMAN DRAIN	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21
WILLOW CREEK	51	51	51	50	50	50	49	49	49	49	48	48	48	48	48
TOTALS	842	830	815	801	789	777	798	849	902	953	1006	1057	1110	1116	1101

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
IRRIGATION SEASON OF 1970

APRIL

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	3
53	60	68	76	83	91	99	106	114	122	129	137	145	152	160	168	175	183	191	198	206	
						26	27	28	29	30	31	32	33	33	34	35	36	37	37	38	
						106	106	106	106	106	106	106	100	94	88	81	75	69	63	56	
						30	32	33	35	36	38	39	40	42	43	45	46	48	50	51	
						16	17	17	18	19	20	20	21	22	23	24	24	25	26	26	
						134	134	134	134	133	133	133	130	127	123	119	115	111	108	104	
						21	22	22	23	24	24	25	25	25	25	25	25	25	25	26	
						52	52	53	53	53	54	54	54	54	54	54	54	54	54	55	
						25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
						102	107	111	115	119	124	128	133	137	141	145	150	154	158	161	
						52	52	52	52	52	52	52	52	52	23	23	23	23	23	22	
64	71	80	88	95	103	675	693	709	727	748	767	783	790	797	826	831	837	845	851	855	

MAY

13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
93	212	231	250	269	265	261	257	253	249	245	241	246	252	257	262	267	273	278	274	270	264
7	7	7	7	7	7	7	7	7	8	8	9	9	9	10	10	10	11	11	11	11	12
49	50	51	53	54	55	57	58	59	59	58	58	58	57	57	57	56	56	56	55	55	55
20	20	20	21	21	21	21	22	22	22	22	25	28	30	33	36	38	41	44	46	49	51
64	66	67	68	69	70	71	72	73	75	76	77	78	79	80	82	83	84	83	82	81	79
30	31	31	31	30	30	29	29	28	28	28	27	27	27	27	26	26	26	26	27	27	28
62	183	203	223	207	192	176	161	146	130	115	115	115	115	115	115	115	115	114	114	114	114
23	23	22	22	21	21	20	20	19	19	18	19	20	20	21	22	23	24	24	25	26	27
79	85	91	97	103	109	115	121	127	133	139	140	141	142	143	144	145	146	146	147	148	149
52	53	55	56	56	56	55	55	55	54	54	54	53	53	53	52	52	52	56	60	64	67
91	194	197	200	196	193	190	187	184	180	177	174	171	168	164	161	158	155	158	161	164	167
21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	23	23	23	24	
49	48	48	48	48	48	48	48	48	48	48	47	47	47	47	47	47	47	48	49	50	50
53	1006	1057	1110	1116	1101	1085	1071	1056	1039	1022	1021	1027	1033	1042	1049	1055	1066	1080	1087	1095	1100

RIVER

CHART NO. 12

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
12	12	12	12	12	12	12	12	12	12	12	12	12	12		349
06	114	122	129	137	145	152	160	168	175	183	191	198	206		3449
		6	6	6	6	6	6	6	6	6	7	7	7		69
27	28	29	30	31	32	33	33	34	35	36	37	37	38		486
06	106	106	106	106	106	100	94	88	81	75	69	63	56		1368
32	33	35	36	38	39	40	42	43	45	46	48	50	51		608
17	17	18	19	20	20	21	22	23	24	24	25	26	26		318
134	134	134	133	133	133	130	127	123	119	115	111	108	104		1872
22	22	23	24	24	25	25	25	25	25	25	25	25	26		362
52	53	53	53	54	54	54	54	54	54	54	54	54	55		804
26	27	28	29	30	31	32	33	34	35	36	37	38	39		480
107	111	115	119	124	128	133	137	141	145	150	154	158	161		1985
								23	23	23	23	23	22		137
52	52	52	52	52	52	52	52	52	52	52	52	52	52		780
693	709	727	748	767	783	790	797	826	831	837	845	851	855		13067
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	399
257	253	249	245	241	246	252	257	262	267	273	278	274	270	264	7060
7	7	8	8	9	9	9	10	10	10	11	11	11	11	12	255
58	59	59	58	58	58	57	57	57	56	56	56	55	55	55	1608
22	22	22	22	25	28	30	33	36	38	41	44	46	49	51	918
72	73	75	76	77	78	79	80	82	83	84	83	82	81	79	2181
29	29	28	28	28	27	27	27	26	26	26	26	27	27	28	880
161	146	130	115	115	115	115	115	115	115	115	114	114	114	114	4073
20	19	19	18	19	20	20	21	22	23	24	24	25	26	27	708
121	127	133	139	140	141	142	143	144	145	146	146	147	148	149	3321
55	55	54	54	54	53	53	53	52	52	52	56	60	64	67	1625
187	184	180	177	174	171	168	164	161	158	155	158	161	164	167	5474
21	21	21	21	21	21	21	22	22	22	23	23	23	23	24	667
48	48	48	48	47	47	47	47	47	47	47	48	49	50	50	1505
1071	1056	1039	1022	1021	1027	1033	1042	1049	1055	1066	1080	1087	1095	1100	30674

TRIBUTARY AND RETURN FLOW TO E
IRRIGATION SEASON OF 197

JUNE

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
DIXIE DRAIN	260	254	250	244	240	234	230	225	221	216	212	210	208	206	204	202
DRAINAGE DISTRICT #3	12	12	12	13	13	13	13	14	14	14	14	15	15	15	15	15
EAGLE DRAIN	55	55	55	55	55	55	55	55	56	56	56	56	56	56	56	56
FIVE MILE CREEK	54	57	60	59	58	56	55	53	52	50	49	47	48	46	45	43
HARTLEY DRAIN	78	77	76	75	74	72	71	70	69	68	68	69	69	70	70	71
HARTLEY GULCH	28	29	29	29	30	30	30	31	31	31	31	30	30	29	29	29
INDIAN CREEK	114	114	114	118	123	127	132	136	141	145	150	154	158	162	167	171
MASON CREEK	27	28	29	29	29	29	29	28	28	28	28	28	27	27	27	27
MASON DRAIN	150	151	152	152	151	151	151	150	150	149	149	149	148	148	148	147
NORTH MIDDLETON DRAIN	71	75	79	82	86	90	94	98	101	105	103	101	99	97	95	93
SOUTH MIDDLETON DRAIN	170	173	176	179	182	185	188	191	194	198	191	183	176	168	160	153
THURMAN DRAIN	24	24	24	24	24	24	24	24	25	25	25	25	25	25	25	25
WILLOW CREEK	51	52	52	53	54	55	56	57	57	58	55	53	50	47	44	42
TOTALS	1108	1115	1122	1126	1133	1135	1142	1146	1153	1157	1145	1134	1123	1110	1099	1088

JULY

BOISE SEWER	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
DIXIE DRAIN	152	149	145	142	139	135	132	128	125	129	134	138	143	147	151	155
DRAINAGE DISTRICT #3	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
EAGLE DRAIN	63	63	63	63	62	62	62	62	61	61	61	61	61	61	60	60
FIVE MILE CREEK	68	69	70	72	73	74	75	76	77	78	79	80	82	83	84	85
HARTLEY DRAIN	69	69	68	68	67	67	66	66	66	66	66	67	67	67	67	68
HARTLEY GULCH	22	22	21	21	20	20	19	19	19	20	20	21	21	22	22	22
INDIAN CREEK	257	248	238	229	220	210	201	191	181	171	161	151	141	131	121	129
MASON CREEK	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19
MASON DRAIN	177	176	175	174	173	172	171	169	168	167	166	165	164	163	162	164
NORTH MIDDLETON DRAIN	64	62	60	59	57	55	53	51	51	52	53	54	54	55	55	56
SOUTH MIDDLETON DRAIN	88	87	86	86	85	84	84	83	87	91	95	99	103	107	111	115
THURMAN DRAIN	19	19	19	19	20	20	20	21	21	21	21	22	22	22	23	24
WILLOW CREEK	25	26	26	27	27	28	28	29	29	28	28	27	27	26	26	26
TOTALS	1051	1037	1018	1007	990	974	958	942	933	932	932	933	933	932	930	952

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
IRRIGATION SEASON OF 1970

JUNE

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15
216	212	210	208	206	204	202	200	198	195	192	188	185	181	175	172	168	165	162	158	155
14	14	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14
56	56	56	56	56	56	56	55	55	56	58	58	59	60	60	61	61	62	62	63	63
50	49	47	48	46	45	43	42	44	46	48	50	51	53	55	57	58	60	62	64	66
68	68	69	69	70	70	71	71	72	72	72	73	73	74	74	73	72	72	71	70	70
31	31	30	30	29	29	29	28	28	28	27	27	27	26	26	25	25	24	24	23	23
145	150	154	158	162	167	171	175	181	187	193	200	205	211	217	223	228	233	239	245	251
28	28	28	27	27	27	27	26	25	25	24	24	23	23	22	22	22	21	20	20	19
149	149	149	148	148	148	147	147	149	151	154	156	158	160	162	164	166	168	170	173	175
105	103	101	99	97	95	93	92	90	88	86	84	82	80	78	76	74	72	70	68	66
198	191	183	176	168	160	153	145	137	130	122	115	107	100	92	91	91	90	89	89	89
25	25	25	25	25	25	25	25	24	24	23	23	22	22	22	21	21	21	20	20	19
58	55	53	50	47	44	42	39	37	35	32	29	27	24	21	22	22	23	24	24	25
1157	1145	1134	1123	1110	1099	1088	1075	1070	1066	1061	1056	1049	1042	1033	1035	1037	1040	1043	1046	1050

JULY

5	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16
4	129	134	138	143	147	151	155	157	159	162	164	166	169	171	173	175	178	180	182	184	186	188	190	192	194	196	198	200
1	61	61	61	61	61	60	60	59	59	58	57	56	55	55	54	54	53	53	53	53	53	53	53	53	53	53	53	53
7	78	79	80	82	83	84	85	86	88	89	90	92	93	94	95	97	98	99	100	101	103	105	107	109	111	113	115	117
6	66	66	67	67	67	67	68	68	68	68	69	69	69	70	70	71	72	73	74	74	75	75	75	75	75	75	75	75
9	20	20	21	21	22	22	22	23	23	24	24	25	25	25	25	26	26	26	27	27	27	28	28	28	28	28	28	28
1	171	161	151	141	131	121	129	137	145	153	161	168	176	184	192	200	208	216	224	232	240	248	256	264	272	280	288	296
9	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
8	167	166	165	164	163	162	164	166	168	170	172	174	176	178	180	182	184	186	188	190	189	188	187	186	185	184	183	182
1	52	53	54	54	55	55	56	56	57	58	58	59	60	58	57	56	54	52	51	49	48	46	44	42	40	38	36	34
7	91	95	99	103	107	111	115	119	123	127	131	135	139	136	134	132	130	128	126	123	121	119	117	115	113	111	109	107
1	21	21	22	22	22	23	24	25	26	26	27	28	28	29	30	31	31	32	33	32	32	31	30	29	28	27	26	25
9	28	28	27	27	26	26	26	25	25	25	24	24	24	24	24	23	23	23	23	22	22	22	22	22	22	22	22	22
3	932	932	933	933	932	930	952	969	989	1008	1026	1045	1063	1074	1085	1098	1108	1119	1132	1138	1136	1130	1124	1118	1112	1106	1100	1094

TO BOISE RIVER
1970

CHART NO. 12

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
14	14	14	14	14	14	14	14	14	14	15	15	15	15	15		425
202	200	198	195	192	188	185	181	175	172	168	165	162	158	155		6110
15	15	15	15	15	15	15	14	14	14	14	14	14	14	14		421
56	55	55	56	58	58	59	60	60	61	61	62	62	63	63		1721
43	42	44	46	48	50	51	53	55	57	58	60	62	64	66		1588
71	71	72	72	72	73	73	74	74	73	72	72	71	70	70		2156
29	28	28	28	27	27	27	26	26	25	25	24	24	23	23		837
171	175	181	187	193	200	205	211	217	223	228	233	239	245	251		5214
27	27	26	25	25	24	24	23	23	22	22	21	20	20	19		769
147	147	149	151	154	156	158	160	162	164	166	168	170	173	175		4649
93	92	90	88	86	84	82	80	78	76	74	72	70	68	66		2575
153	145	137	130	122	115	107	100	92	91	91	90	90	89	89		4355
25	25	24	24	23	23	22	22	22	21	21	21	20	20	19		699
42	39	37	35	32	29	27	24	21	22	22	23	24	24	25		1220
1088	1075	1070	1066	1061	1056	1049	1042	1033	1035	1037	1040	1043	1046	1050		32799

15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	473
153	157	159	162	164	166	169	171	173	175	178	180	182	184	186	185	4835
14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	446
60	59	59	58	57	56	55	55	54	54	53	53	53	53	53	53	1811
85	86	88	89	90	92	93	94	95	97	98	99	100	101	103	105	2655
68	68	68	68	69	69	69	70	70	71	72	73	74	74	75	75	2139
22	23	23	24	24	25	25	25	25	26	26	26	27	27	27	28	712
129	137	145	153	161	168	176	184	192	200	208	216	224	232	230	228	5834
19	19	19	19	19	19	19	20	20	20	20	20	20	20	19	19	588
164	166	168	170	172	174	176	178	180	182	184	186	188	190	189	188	5397
56	56	57	58	58	59	60	58	57	56	54	52	51	49	48	46	1710
115	119	123	127	131	135	139	136	134	132	130	128	126	123	121	119	3414
24	25	26	26	27	28	28	29	30	31	31	32	33	32	32	31	774
26	25	25	25	24	24	24	24	24	23	23	23	23	22	22	22	786
952	969	989	1008	1026	1045	1063	1074	1085	1098	1108	1119	1132	1138	1136	1130	31574

TRIBUTARY AND RETURN FLOW TO BOI
IRRIGATION SEASON OF 1970

AUGUST

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
DIXIE DRAIN	184	183	183	182	181	180	176	173	170	166	163	159	156	156	156	157
DRAINAGE DISTRICT #3	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16
EAGLE DRAIN	53	53	54	54	54	54	54	54	54	54	54	54	54	54	54	54
FIVE MILE CREEK	107	109	111	112	114	116	118	120	121	123	125	127	125	123	122	121
HARTLEY DRAIN	76	76	77	78	78	78	78	78	79	79	79	79	80	80	80	80
HARTLEY GULCH	28	28	29	29	29	29	29	29	29	30	30	30	30	30	31	31
INDIAN CREEK	226	225	224	222	221	220	218	217	216	214	213	212	214	217	219	221
MASON CREEK	19	19	18	18	18	18	18	17	17	17	17	17	17	17	17	17
MASON DRAIN	186	185	184	183	181	180	179	178	176	175	174	173	173	174	174	174
NORTH MIDDLETON DRAIN	45	43	42	40	39	39	40	40	41	42	42	43	44	45	45	46
SOUTH MIDDLETON DRAIN	116	114	112	109	107	109	111	113	115	117	119	121	123	125	127	129
THURMAN DRAIN	31	31	30	30	30	29	29	29	28	28	28	27	27	26	26	25
WILLOW CREEK	22	21	21	21	21	21	21	21	21	20	20	20	20	20	19	19
TOTALS	1124	1118	1116	1109	1104	1104	1102	1100	1098	1096	1095	1093	1094	1098	1102	1106

SEPTEMBER

BOISE SEWER	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
DIXIE DRAIN	170	172	174	176	178	180	182	184	186	188	190	191	193	194	196	197
DRAINAGE DISTRICT #3	18	18	18	18	19	19	19	19	19	18	18	17	17	16	16	15
EAGLE DRAIN	53	53	53	53	53	53	53	53	53	52	51	50	50	49	48	47
FIVE MILE CREEK	129	132	136	140	143	146	154	158	162	165	164	162	160	158	156	155
HARTLEY DRAIN	76	76	75	75	74	74	73	73	72	71	71	70	70	69	68	68
HARTLEY GULCH	36	36	36	36	36	36	36	36	36	37	37	37	37	37	37	37
INDIAN CREEK	285	292	298	305	311	317	324	330	336	343	340	337	334	330	327	324
MASON CREEK	17	17	17	17	17	16	16	16	16	16	16	16	16	15	15	15
MASON DRAIN	184	185	186	187	188	189	190	191	193	194	195	196	197	198	199	201
NORTH MIDDLETON DRAIN	50	50	51	52	52	53	54	54	55	56	57	58	59	60	61	61
SOUTH MIDDLETON DRAIN	134	134	135	136	138	139	140	142	143	144	145	146	148	149	150	149
THURMAN DRAIN	22	22	22	23	23	23	24	24	24	24	24	24	24	24	24	24
WILLOW CREEK	21	21	22	23	23	24	25	26	26	27	28	28	29	29	30	30
TOTALS	1211	1224	1239	1257	1271	1285	1306	1322	1337	1351	1352	1348	1350	1344	1343	1339

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
IRRIGATION SEASON OF 1970

AUGUST

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15
166	163	159	156	156	156	157	157	157	157	158	158	158	158	159	159	159	159	161	163	163
15	15	15	15	15	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17
54	54	54	54	54	54	54	54	53	53	53	53	53	53	53	53	53	53	53	53	53
123	125	127	125	123	122	121	120	119	118	117	116	115	113	111	109	107	111	115	119	122
79	79	79	80	80	80	80	81	81	81	81	80	80	80	79	79	79	78	78	78	77
30	30	30	30	30	31	31	31	31	31	31	32	32	33	33	33	34	34	34	35	35
214	213	212	214	217	219	221	224	226	229	232	235	238	240	243	245	247	253	260	266	272
17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18
175	174	173	173	174	174	174	175	175	175	176	176	177	177	177	178	178	179	180	181	182
42	42	43	44	45	45	46	46	47	47	47	47	48	48	48	48	49	49	49	49	50
117	119	121	123	125	127	129	131	133	135	135	135	135	135	135	135	135	134	134	134	134
28	28	27	27	26	26	25	24	23	23	22	22	21	21	20	20	20	20	20	21	21
20	20	20	20	20	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	21
1096	1095	1093	1094	1098	1102	1106	1111	1113	1117	1122	1124	1126	1127	1128	1129	1131	1140	1154	1170	1182

SEPTEMBER

5	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15
5	188	190	191	193	194	196	197	199	200	201	203	204	206	208	209	207	205	203	201	199
9	18	18	17	17	16	16	15	15	14	14	13	13	13	14	14	15	15	15	16	16
9	52	51	50	50	49	48	47	46	45	45	44	43	43	43	43	43	42	42	42	42
2	165	164	162	160	158	156	155	153	152	150	149	148	146	145	141	138	134	130	126	118
2	71	71	70	70	69	68	68	67	65	63	61	59	58	56	55	53	52	50	49	47
16	37	37	37	37	37	37	37	37	37	36	36	36	35	35	34	34	34	34	33	33
16	343	340	337	334	330	327	324	320	317	314	310	307	304	301	296	292	288	284	279	275
6	16	16	16	16	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14
13	194	195	196	197	198	199	201	203	204	205	206	207	208	209	208	207	207	206	205	204
55	56	57	58	59	60	61	61	61	61	61	60	60	60	60	60	59	59	59	59	59
43	144	145	146	148	149	150	149	148	147	146	145	144	143	142	141	140	139	137	136	135
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
26	27	28	28	29	29	30	30	29	28	27	26	25	24	24	23	22	21	20	19	17
37	1351	1352	1348	1350	1344	1343	1339	1333	1325	1316	1307	1300	1294	1291	1278	1264	1250	1234	1219	1204

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	486
157	157	157	157	158	158	158	158	159	159	159	159	161	163	165	168	5121
16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	18	495
54	54	53	53	53	53	53	53	53	53	53	53	53	53	53	53	1658
121	120	119	118	117	116	115	113	111	109	107	111	115	119	122	125	3631
80	81	81	81	81	80	80	80	79	79	79	78	78	78	77	77	2444
31	31	31	31	31	32	32	33	33	33	34	34	34	35	35	36	966
221	224	226	229	232	235	238	240	243	245	247	253	260	266	272	279	7188
17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	548
174	175	175	175	176	176	177	177	177	178	178	179	180	181	182	183	5518
46	46	47	47	47	47	48	48	48	48	49	49	49	49	50	50	1398
129	131	133	135	135	135	135	135	135	135	135	134	134	134	134	134	3881
25	24	23	23	22	22	21	21	20	20	20	20	20	21	21	21	773
19	19	19	19	19	19	19	19	20	20	20	20	20	21	21	21	624
1106	1111	1113	1117	1122	1124	1126	1127	1128	1129	1131	1140	1154	1170	1182	1198	34731
6	16	16	16	16	16	16	16	16	16	16	16	16	15	15		478
6	197	199	200	201	203	204	206	208	209	207	205	203	201	199	197	5793
6	15	15	14	14	13	13	13	14	14	15	15	15	16	16	16	487
18	47	46	45	45	44	43	43	43	43	43	42	42	42	42	42	1429
16	155	153	152	150	149	148	146	145	141	138	134	130	126	122	118	4372
58	68	67	65	63	61	59	58	56	55	53	52	50	49	47	46	1936
37	37	37	37	36	36	36	35	35	34	34	34	34	33	33	33	1070
27	324	320	317	314	310	307	304	301	296	292	288	284	279	275	271	9291
15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	456
99	201	203	204	205	206	207	208	209	208	207	207	206	205	205	204	5957
61	61	61	61	61	60	60	60	60	60	59	59	59	59	59	59	1720
50	149	148	147	146	145	144	143	142	141	140	139	137	136	135	135	4250
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	711
30	30	29	28	27	26	25	24	24	23	22	21	20	19	18	17	735
43	1339	1333	1325	1316	1307	1300	1294	1291	1278	1264	1250	1234	1219	1204	1191	38685

TRIBUTARY AND RETURN FLOW TO
IRRIGATION SEASON OF 19

OCTOBER

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOISE SEWER	15	15	15	15	15	15	15	15	15	15	15	14	14	14	7
DIXIE DRAIN	195	195	191	189	187	185	183	181	181	181	181	181	181	181	90
DRAINAGE DISTRICT #3	17	17	18	18	18	18	18	18	18	18	18	18	18	18	9
EAGLE DRAIN	41	41	41	41	41	41	41	41	41	41	41	41	41	41	20
FIVE MILE CREEK	115	111	108	104	101	97	94	94	94	94	94	94	94	94	47
HARTLEY DRAIN	46	46	46	46	46	46	46	46	46	46	46	46	46	46	23
HARTLEY GULCH	33	33	33	33	33	33	33	33	33	33	33	33	33	33	16
INDIAN CREEK	267	262	258	254	250	245	241	241	241	241	241	241	241	241	120
MASON CREEK	14	14	14	14	14	14	14	14	14	14	14	14	14	14	7
MASON DRAIN	203	202	202	201	200	199	198	198	198	198	198	198	198	198	99
NORTH MIDDLETON DRAIN	59	59	59	59	59	59	59	59	59	59	59	59	59	59	29
SOUTH MIDDLETON DRAIN	135	135	135	135	135	135	135	135	135	135	135	135	135	135	67
THURMAN DRAIN	24	24	24	24	24	24	24	24	24	24	24	24	24	24	12
WILLOW CREEK	17	17	17	17	17	17	17	17	17	17	17	17	17	17	8
TOTALS	1181	1169	1161	1150	1140	1128	1118	1116	1116	1116	1116	1115	1115	1115	554

IRRIGATION SEASON OF 1970

OCTOBER

[illegible]

CHART NO. 12

8	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
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214

2680

259

594

1435

667

478

3584

203

2890

855

1957

348

246

16410

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 13

CANAL DELIVERIES = TRIBUTARY GAIN + SEEPAGE GAIN - NET GAIN BY MONTHS IN ACRE FEET

JULY 1, 1970 THRU OCTOBER 15, 1970

	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTALS
BOISE RIVER AT DIVERSION DAM	304266	265160	179628	49492	798546
TRIBUTARY GAIN	68662	74194	80698	34066	257620
TOTAL AVAILABLE	372928	339354	260326	83558	1056166
DELIVERIES TO CANALS	342040	331120	228868	85118	987146
NET TRIBUTARY GAIN	30888	8234	31458		70580
SEEPAGE GAIN				1560	1560
TOTAL TRIBUTARY GAIN					69020

CHART NO. 15

[illegible]

CHART NO. 16

[illegible]

1970

[illegible]

SUMMARY TABLE IN SECOND FEET
SHOWING AVERAGE DAILY RETURN FLOW TO BOISE RIVER
FOR LAST 15 YEARS

CHART NO. 17

MONTH	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
APRIL	569	694	769	700	570	377	440	638	532	849	1003	345	289	592	457
MAY	1424	1569	1110	1562	1879	1007	1254	894	1179	776	1226	702	927	1016	1063
JUNE	1578	1300	1601	1213	1461	998	946	1505	1625	1386	1416	682	1017	1181	1205
JULY	1322	1329	1266	1162	1318	878	1143	1180	1227	1327	1088	802	1086	947	1107
AUGUST	1441	1337	1288	1484	1510	817	1164	1225	1412	1520	1064	867	1055	1010	1197
SEPTEMBER	1347	1338	1425	1379	1442	1096	1299	1481	1475	1430	1169	735	910	1048	1345
OCTOBER									1277	2922	1152	672	1028	1065	1136
AVERAGE	1280	1261	1243	1250	1363	862	1041	1154	1247	1459	1160	686	902	980	1073

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

	PERCENT OF TOTAL		PERCENT OF TOTAL
FARMERS UNION	20.99	CANYON COUNTY	12.68
BOISE VALLEY	10.03	BALLENTYNE	3.04
NEW DRY CREEK	9.47	BOISE CITY	3.01
NEW UNION	1.21	CONSUMERS	.11
MIDDLETON CANAL	35.00	LITTLE PIONEER	4.46

THE CREDITS GIVEN ABOVE ARE BASED ON A DRAINAGE FLOW OF 100 SECOND FEET.

JUDGE BRINK ORDERS, AUGUST, 1928, GIVES 90 INCHES ADDITIONAL TO FARMERS UNION.

DRAINAGE DISTRICT NO. 3

	PERCENT OF TOTAL		PERCENT OF TOTAL
BOARD OF CONTROL	49.00	ROSSI MILL	10.00
RIDENBAUGH	24.00	MEEVES	2.00
BUBB (SOUTH BOISE MUTUAL)	15.00		

THE CREDITS GIVEN ARE BASED UPON A DRAINAGE DISCHARGE OF 15 SECOND FEET.

DRAINAGE DISTRICT NO. 4

THURMAN MILL	570.98 INCHES
RIDENBAUGH	51.34 "
WARM SPRINGS SLOUGH	127.68 "

THE CREDITS ABOVE ARE BASED ON A DRAINAGE DISCHARGE OF 750 INCHES, AND THE AMOUNTS ARE A DIRECT COURT ORDER.

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF REC. FILE NO.
				SEC. FT.	INCHES	
66-A	4-1-1878	J. S. KRAUS	BALLENTYNE	.80	40	373
129-A	4-1-1877	H. E. PLAIN	NEW DRY CREEK	.54	27	373
66-C	4-1-1878	J. W. KOLANDER	BALLENTYNE	1.40	70	373
66-D	4-1-1878	M. T. GRIFFITH	BALLENTYNE	.80	40	373
73-A	4-1-1880	GOBLE & SONGER	NEW DRY CREEK	.54	27	373
74-A	6-1-1880	C. B. FRANK	NEW DRY CREEK	1.816	90.8	380
85-A	6-1-1882	LEO MARSTERS	WARM SPRINGS SLOUGH	1.76	88	324
85-C	5-1-1883	WM. HUCKBA	NEW DRY CREEK	.2232	11.16	321
85-D	5-1-1883	C. H. SCHMELZER	BALLENTYNE	.8256	41.28	320
85-E	5-1-1883	C. W. MCCLURG	NEW DRY CREEK	.385	19.25	319
124-A	5-1-1893	W. D. CHARTERS	NEW DRY CREEK	.825	41.25	318
85-B	4-1-1883	JACOB BINGHAM	SETTLERS	1.00	50	317
77-E	4-15-1882	ROC HELMS	RIVERSIDE IRRIG. DIST.	3.674	183.70	295
B-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	412
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	412
35-A	6-1-1867	RALPH T. KNIGHT	CANYON COUNTY	1.76	88	419
116-A	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	12-A MISC.
116-B	6-1-1890	WILLIS B. SPENCER	RIVERSIDE IRRIG. DIST.	.10	5	12-A MISC.
116-C	6-1-1890	REBECCA BELL	RIVERSIDE IRRIS. DIST.	.40	20	12-A MISC.
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	466
114-B	5-1-1889	GUS A. BARTH	O'DONNELL & BARTH	.80	40	467
77-A	6-1-1881	GUS A. BARTH	PARMA DITCH CO.	1.60	80	467
77-B	6-1-1881	CHARLES JURRIES	PARMA DITCH CO.	.34	17	467
77-C	6-1-1881	JAMES FINLAY	PARMA DITCH CO.	.80	40	467
77-D	6-1-1881	LESTER J. SHIPPY	PARMA DITCH CO.	1.30	65	467
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	482
31-B	6-1-1866	MINNIE & JERRY COUZENS	MIDDLETON WATER	.60	30	482
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	482
71-A	4-1-1879	ISLAND HIGHLINE DITCH CO.		3.00	150	491
137-A	4-1-1910	ISLAND HIGHLINE DITCH CO.		7.00	350	491
73-B	1880	ALBERT LEMP ET AL	LARSEN-BAXTER & LEMP	3.20	160	496
8-C	1865	LOUISE SIMONSON	LEMP DITCH-EAGLE ISLAND	6.00	300	496
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	497
8-D	1865	S.G. HARDIES & AMELIA EISLEY	BUBB	.50	25	498
50-A	1870	S.G. HARDIES & AMELIA EISLEY	BUBB	1.00	50	498
106-A	3-1-1889	S.G. HARDIES & AMELIA EISLEY	BUBB	.84	42	498
99-A	5-1-1875	KARL F. & OTTO W. ROEDEL	INDIAN CREEK	3.20	160	648
123-A	4-15-1893	OTTO & MARIE MULLER	MIDDLETON MILL DITCH	1.60	80	
136	5-1-1906	H. E. WIMER	BALLENTYNE	.392	19.6	325
137	5-1-1909	B. P. WEAVERLING	MACE & MACE	1.76	88	324
138	6-14-1912	WESLEY A MACE	MACE & CATLIN	.44	22	293
139	4-1-1915	ISLAND HIGHLINE DITCH CO.	ISLAND HIGHLINE DITCH	10.00	500	491

NO. OF CHANGE
OF POINT OF
DIVERSION

POINT OF DIVERSION

FROM

TO

DATE OF
CHANGEPRIORITY
NO.

DATE

NO. OF
ACRES

3	EUREKA NO. 2	EUREKA NO. 2	4-2-1912	96	10-1-87	80
9	PIONEER DIXIE	PIONEER DIXIE	7-31-1912			
29	CALDWELL HIGH LINE	CANYON COUNTY	8-26-1918			50
32	DAVIS	DAVIS DITCH	7-15-1919	119	6-1-91	
35	PIONEER DIXIE	RIVERSIDE	4-3-1919			160
36	CANYON COUNTY	MIDDLETON WATER	4-12-1918	35	6-1-67	
38	HART & DAVIS	SEVEN SUCKERS	9-24-1915	57	6-1-72	
39	HART & DAVIS	SEVEN SUCKERS	6-12-1918	57	6-1-72	
48	PIONEER DIXIE	PIONEER DIXIE	9-26-1919			
50	LOWER CENTER POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-65	
51	LOWER CENTER POINT	BOWMAN & SWISHER	3-31-1920	20	6-1-65	
54	CANYON COUNTY	MIDDLETON MILL	4-24-1920	35	6-1-67	
57	MIDDLETON WATER	BALLENTYNE	12-2-1920	65	6-1-77	35
59	KENNEDY	CANYON COUNTY	3-18-1921	31	6-1-66	
61	KENNEDY & LAWRENCE	MIDDLETON WATER	6-22-1921	31-B	6-1-66	
64	BALLENTYNE	DRY CREEK	12-21-1921	102	6-1-88	
75	MIDDLETON MILL	CANYON COUNTY	11-25-1924			
76	SETTLERS	SETTLERS	3-12-1925	85-B	4-1-83	
77	BUBB	BAHLER	4-26-1925	8-A	4-1-65	80
77	BUBB	BAHLER	4-26-1925	47-A	4-1-70	
83	WARM SPRINGS	SETTLERS	4-29-1926	85-A	6-1-82	
84	MIDDLETON WATER	FARMERS UNION	3-9-1926	65	6-1-77	
85	UPPER CENTER POINT	EUREKA NO. 2	5-7-1926			
91	BALLENTYNE	DRY CREEK	6-23-1926	103		
103	PARMA DITCH	PARMA DITCH	10-3-1928			
126	LAWRENCE & KENNEDY	MIDDLETON WATER	3-25-1931	31-A	6-1-66	
127	BOWMAN & SWISHER	LARSEN, BAXTER & LEMP	8-15-1930		6-1-65	
131	EUREKA NO. 2	LOWER CENTER POINT	1-16-1932	89	11-9-83	
140	BALLENTYNE	NEW DRY CREEK	4-23-1934	85-D	5-1-83	
141	FISCHER POWER	FISCHER POWER	12-18-1934		7-9-12	
147	MIDDLETON MILL	CANYON COUNTY	1-8-1936		6-1-67	
148	PIONEER DIXIE	UPPER CENTER POINT NO. 1	4-17-1936	96	10-1-87	
151	NEW DRY CREEK	BALLENTYNE	2-18-1937		5-1-93	
152	BAHLER DITCH	RIDENBAUGH	5-15-1937	47-A	4-1-70	
153	REIN-KEOGH-BAHLER	RIDENBAUGH	5-15-1937		5-1-95	
154	BAHLER DITCH	RIDENBAUGH	5-15-1937	8-A	4-1-65	
159	UPPER CENTER POINT	EUREKA NO. 2	3-27-1939		6-1-65	
161	BALLENTYNE	NEW DRY CREEK	5-5-1940	103	6-1-88	
174	BALLENTYNE	NEW DRY CREEK	3-28-1944	103	6-1-88	
175	RIVERSIDE	EUREKA	4-11-1944		6-1-83	
176	MAMMON DITCH	HAAS DITCH	4-18-1944		6-1-78	
179	CATLIN-MACE	SEVEN SUCKERS	3-31-1945	51	6-1-64	
				52	6-1-71	
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-83	
227	O'DONNELL	BOISE RIVER	12-17-54	114-A	5-1-89	
245	EUREKA #2	LOWER CENTER POINT	6-30-58	89	11-9-83	
243	RIVER	BOISE VALLEY	6-30-58		7-19-21	
257	O'DONNELL DITCH	PARMA DITCH	10-10-62	114-B	5-1-89	
287	EUREKA #2	LOWER CENTER POINT	1-18-66	89	11-9-83	70
289	EUREKA #2	UPPER CENTER POINT	3-10-66	89	11-9-83	25
254	ROBIE CREEK	MORES CREEK	12-20-61		10-28-06	
305	MEEVES NO. 1	MEEVES NO. 2	6-10-68	53	6-1-71	
1575	LAWRENCE & KENNEDY	LITTLE PIONEER	9-23-68	31-C	6-1-66	55

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREED RIGHTS ON BOISE RIVER

OF ANGE	PRIORITY NO.	DATE	NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	
2-1912	96	10-1-87	80		THOS. T. JOHNSTON	
31-1912					ALBERT F. CLEMONS	
26-1918			50	50	J. C. HUGHES	
13-1919	119	6-1-91		27	ED DAVIS	
3-1919			160	100	REBECCA BELL	
12-1918	35	6-1-67		19	DRAPER & OTHERS	
24-1915	57	6-1-72		52	SHAFFER & OTHERS	
12-1918	57	6-1-72			GEORGE RAMBO	
26-1919					JAS. D. RUARK	TO INDIAN C
31-1920	19	6-1-65		144	JOHN S. SWISHER	
31-1920	20	6-1-65		320	BIRD BOWMAN	
24-1920	35	6-1-67		55 $\frac{1}{2}$	H. G. DUDLEY	FOOTE & WIS
2-1920	65	6-1-77	35	30	EDWARD MCCLINTICK	
18-1921	31	6-1-66		130	W. KENNEDY	
22-1921	31-B	6-1-66		30	MINNIE COUZENS	
21-1921	102	6-1-88		10	HARRY SEAVEY	
25-1924				25	DETWEED ETC. BANK	
12-1925	85-B	4-1-83		50	JACOB BINGHAM	
26-1925	8-A	4-1-65	80	40	ADOLPH BAHLER	
26-1925	47-A	4-1-70		40	ADOLPH BAHLER	
29-1926	85-A	6-1-82		36	LEO MARSTERS	
9-1926	65	6-1-77		40	J. C. RALPH	
5-7-1926				25	J. C. BRUCE	
6-23-1926	103			32 $\frac{1}{2}$	IRA E. BARBER	NOT APPROVED
0-3-1928					CHARLES JURRIES	SECRETARY (I
3-25-1931	31-A	6-1-66		115	WM MUSSER	
8-15-1930		6-1-65		40	WM BAXTER	
1-16-1932	89	11-9-83		35	R. E. MCGUIRE	
4-23-1934	85-D	5-1-83		3	CHAS. H. SCHMELZER	
12-18-1934		7-9-12			FISCHER POWER ONLY	BELOW FAIRVIE
1-8-1936		6-1-67		10	CORA M. CLIFTON	
4-17-1936	96	10-1-87		75	DORA GREER	DECREED TO AM
2-18-1937		5-1-93		6.75	J. H. CONE	
5-15-1937	47-A	4-1-70		40	ADOLPH BAHLER	
5-15-1937		5-1-95		50	ADOLPH BAHLER	
5-15-1937	8-A	4-1-65		40	ADOLPH BAHLER	
5-27-1939		6-1-65		5	RAYMOND T. BRESHEARS	
5-5-1940	103	6-1-88		32 $\frac{1}{2}$	SID BARBER	
3-28-1944	103	6-1-88		12	FRANK M. RAY	
4-11-1944		6-1-83		85	WILBUR BRESHEARS	
4-18-1944		6-1-78		440	CHARLOTTIE D. ALLEN	
3-31-1945	5)	6-1-64)		12	IDAHO FISH & GAME DEPT.	
	52)	6-1-71)				
9-3-1954	89	11-9-83		45	J. E. HOUSTON	
12-17-54	114-A	5-1-89		80	ARNOLD C. CRAWFORTH	TO BE PUMPED FI
6-30-58	89	11-9-83		30	J. E. EKBERG	
6-30-58		7-19-21		60	MARIE ECHEVARRIA & I. N. KESSINGER	LICENSED WATER
10-10-62	114-B	5-1-89		40	BERT L. TREDWAY	O'DONNELL DITCH
1-18-66	89	11-9-83	70	70	JOHN E. EKBERG	
3-10-66	89	11-9-83	25	25	EARL GILES	
12-20-61		10-28-06		200	HARVEY BURNETT	
6-10-68	53	6-1-71		90	CHARLES LITTLE	
9-23-68	31-C	6-1-66	55	55	MILTON SPARKS	

BY WHOM	REMARKS
THOS. T. JOHNSTON	
ALBERT F. CLEMONS	
J. C. HUGHES	
ED DAVIS	
REBECCA BELL	
DRAPER & OTHERS	
SHAFFER & OTHERS	
GEORGE RAMBO	
JAS. D. RUARK	TO INDIAN CREEK
JOHN S. SWISHER	
BIRD BOWMAN	
H. G. DUDLEY	FOOTE & WISEMAN
EDWARD MCCLINTICK	
W. KENNEDY	
MINNIE COUZENS	
HARRY SEAVEY	
DETWEED ETC. BANK	
JACOB BINGHAM	
ADOLPH BAHLER	
ADOLPH BAHLER	
LEO MARSTERS	
J. C. RALPH	
J. C. BRUCE	
IRA E. BARBER	NOT APPROVED BY DITCH COMPANIES
CHARLES JURRIES	SECRETARY (NEW DIVERSION POINT)
WM MUSSER	
WM BAXTER	
R. E. MCGUIRE	
CHAS. H. SCHMELZER	
FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
CORA M. CLIFTON	
DORA GREER	DECREED TO AMERICAN DITCH ASSOC.
J. H. CONE	
ADOLPH BAHLER	
ADOLPH BAHLER	
ADOLPH BAHLER	
RAYMOND T. BRESHEARS	
SID BARBER	
FRANK M. RAY	
WILBUR BRESHEARS	
CHARLOTTIE D. ALLEN	
IDAHO FISH & GAME DEPT.	
J. E. HOUSTON	
ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER DIRECT
J. E. EKBERG	
MARIE ECHEVARRIA & I. N. KESSINGER	LICENSED WATER RIGHT #13242 FORMERLY DIVERTED FROM A SLOUGH
BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
JOHN E. EKBERG	
EARL GILES	
HARVEY BURNETT	
CHARLES LITTLE	
MILTON SPARKS	

TRANSFERS OF DECREE RIGHTS

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES
	FROM	TO	NO.	DATE		
34	SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	15
34	"	"	122	6-1-91	3-16-1909)	
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100
38	AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-87	9-1-1909	605
43	SETTLERS	SETTLERS	92)	10-17-84	2-5-1910	10
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-70	2-4-1910	112
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	1475
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210
50	SETTLERS	SETTLERS	92)	10-17-84	6-7-1910	20
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	30
71	UPPER CENTER POINT	EUREKA NO. 2	24	6-1-65	3-14-1911	40
105	SIEBENBERG	CANYON DITCH	9	6-1-65	9-18-1912	25
111	EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	60
111	PIONEER DIXIE	HILLCREST	8	9-1-64)	11-25-1912)	1017
111	"	"	45	6-1-69)	11-25-1912)	
136	JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	1000
219	PIONEER IRRIG. DIST.	PIONEER IRRIG. DIST.			7-15-1918	432
300	MIDDLETON MILL	DRY CREEK	3)	6-1-64	4-20-1921	17
301	MIDDLETON MILL	DRY CREEK	120)	6-1-91	4-20-1921	77
347	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
349	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5-1925	10
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56
373	BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	18
374	MIDDLETON WATER #1	FARMERS UNION	65	6-1-77	5-6-1926	20
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	8-13-1926	7
			54)	6-1-71)		
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20
393	MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	9-15-1926	14.
393	MIDDLETON MILL	FARMERS UNION	54)	6-1-71)		
393	MIDDLETON MILL	FARMERS UNION	120)	6-1-91)		
395	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25
412	THURMAN	SETTLERS	81	6-1-82	12-2-1927	20
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.
466	RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	445
468	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5
477	SETTLERS	SETTLERS	92	10-17-84	11-18-1929	10
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-1934	15
542	FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.37
595	JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	10
595	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10
608	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	50
644	RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	50
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
3-16-1909)	15	WALTER S. BRUCE	
3-16-1909)			
4-19-1909	100	C. H. ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
9-1-1909	605	WM. M. MESSLER	
2-5-1910	10	J. E. MOORE	
2-4-1910	112	BARBER LUMBER CO.	
3-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
3-31-1910	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
6-7-1910	20	J. P. CLEEK	
11-14-1910	50	J. A. CARTRIGHT	CHANGE IN POINT OF DIVERSION
3-14-1911	40	J. D. ROLAND	CHANGE IN POINT OF DIVERSION ONLY
9-18-1912	25	H. E. MEEK	
11-25-1912	60	H. L. RANDALL & OTHERS	
11-25-1912)	1017	H. L. RANDALL & OTHERS	
11-25-1912)			
6-8-1914	1000	BOISE FRUIT TRACT CO.	
7-15-1918	432	PIONEER IRRIG. DIST.	LICENSED RIGHT INDIAN CREEK
4-20-1921	17.5	EMMA M. FOWLER	
4-20-1921	77	JOHN F. GROOME	
2-6-1925	7	C. E. WHITE	
2-6-1925	7	FRANK WEASEL	
2-6-1925	7	CARL A. GISH	
5-1925	10	NELLIE B. WHITAKER	
3-16-1926	56.2	HENRY W. BARTLETT	
4-26-1926	18.7	L. A. RICE	
5-6-1926	20	H. D. PARKS	
5-6-1926	10	A. G. WING	
7-8-1926	20	MARY F. LEACH	
7-8-1926	13.3	H. E. MCCONNELL	
7-8-1926	20	H. W. BARTLETT	
7-8-1926	20	E. E. SMITH	
8-13-1926	7.5	RUSH CHASE	
8-21-1926	20	FRED EGGERS	
9-15-1926	14.4	A. C. BOWERMAN	
11-16-1926	25	G. R. MCGUIRE	
12-2-1927	20	CHAS. P. MACE	
7-2-1928	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
7-6-1929	445	W. H. TULLER	
7-12-1929	5	C. C. WOOD	
11-18-1929	10	CHASE N. WALKER	
4-7-1930	9	FRANK P. WEASEL	
5-27-1932	50	W. SCOTT ANDERSON	
5-27-1932	25	FARMERS UNION DITCH	
5-15-1934	15	A. B. WHITNEY	
12-31-1934	34.37	FEDERAL LAND BANK	
9-9-1938	10	BOISE TRUST CO.	SOMERMEIR
9-9-1938	10	BOISE TRUST CO.	FALK
4-29-1940	50	W. F. TRACY	
11-12-1942	35	S. E. SMITH	
10-18-1943	25	W. W. HOWELL	LARSON TRACT
10-18-1943	50	W. W. HOWELL	HAMMING TRACT
10-18-1943	25	W. W. HOWELL	BUDGE TRACT

	<u>REMARKS</u>
OM	
<u>RR</u>	
S. BRUCE	
ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
MESSLER	
MOORE	
LUMBER CO.	
AN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
S & COOPER	CHANGE IN POINT OF DIVERSION ONLY
CLEEK	
CARTRIGHT	CHANGE IN POINT OF DIVERSION
ROLAND	CHANGE IN POINT OF DIVERSION ONLY
NEEK	
RANDALL & OTHERS	
RANDALL & OTHERS	
FRUIT TRACT CO.	
ER IRRIG. DIST.	LICENSED RIGHT INDIAN CREEK
M. FOWLER	
F. GROOME	
. WHITE	
K WEASEL	
A. GISH	
IE B. WHITAKER	
Y W. BARTLETT	
A. RICE	
D. PARKS	
G. WING	
Y F. LEACH	
E. MCCONNELL	
W. BARTLETT	
E. SMITH	
H CHASE	
ED EGGERS	
C. BOWERMAN	
R. MCGUIRE	
AS. P. MACE	
E. ALLISON	FORMERLY MIDDLETON WATER
H. TULLER	
C. WOOD	
SE N. WALKER	
INK P. WEASEL	
SCOTT ANDERSON	
MERS UNION DITCH	
B. WHITNEY	
ERAL LAND BANK	
SE TRUST CO.	SOMERMEIR
SE TRUST CO.	FALK
. TRACY	
. SMITH	
. HOWELL	LARSON TRACT
. HOWELL	HAMMING TRACT
. HOWELL	BUDGE TRACT

TRANSFERS OF DECREE

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY NO.	DATE	DATE OF TRANSFER	
	FROM	TO				
660	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-11-1944	
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	
694	"	"	30	5-1-66	4-29-1946	
694	"	"	30	5-1-66	4-29-1946	
694	"	"	30	5-1-66	4-29-1946	
701	"	NEW YORK	30	5-1-66	4-29-1946	
702	"	SETTLERS	30	5-1-66	12-20-1946	
712	"	"	30	5-1-66	12-20-1946	
712	"	"	30	5-1-66	6-14-1947	
712	"	"	30	5-1-66	6-14-1947	
713	"	"	30	5-1-66	6-14-1947	
717	SIEBENBERG	NEW DRY CREEK	30	5-1-66	6-14-1947	
720	CONSUMERS	FARMERS CO-OP	9	6-1-65	11-25-1947	
720	"	SETTLERS	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
736	THURMAN MILL	"	30	5-1-66	5-4-1948	
737	CONSUMERS	"	37	6-1-68	3-9-1949	
739	"	"	30	5-1-66	3-9-1949	
753	"	"	30	5-1-66	4-2-1949	
754	"	"	30	5-1-66	4-14-1950	
790	HILLCREST	MIDDLETON MILL	30	5-1-66	4-14-1950	
790	"	NEW YORK	8	9-1-64	3-28-1952	
790	"	"	45	6-1-69	3-28-1952	
823	CONSUMERS	"	96	10-1-87	3-28-1952	
829	"	SETTLERS	30	5-1-66	7-13-1954	
871	THURMAN MILL	"	30	5-1-66	9-3-1954	
872	"	"	36	6-1-68	10-2-1956	
879	CONSUMERS	"	36	6-1-68	10-2-1956	
890	"	"	30	5-1-66	10-2-1956	
906	"	"	30	5-1-66	7-11-1957	
917	"	"	30	5-1-66	4-3-58	
918	"	"	30	5-1-66	12-15-58	
940	"	"	30	5-1-66	12-15-58	
976	"	NEW YORK	30	5-1-66	2-15-60	
977	"	SETTLERS	30	5-1-66	1-17-62	
979	"	"	30	5-1-66	1-17-62	
980	"	"	30	5-1-66	2-23-62	
989	"	"	30	5-1-66	2-23-62	
990	"	"	30	5-1-66	5-29-62	
991	"	"	30	5-1-66	7-5-62	
1007	"	"	30	5-1-66	7-5-62	
1009	NEW DRY CREEK	NEW YORK	30	5-1-66	4-17-63	
1010	CONSUMERS	DRAIN DITCH	73-A	4-1-80	5-16-63	
1011	"	NEW YORK	30	5-1-66	6-14-63	100
1017	"	RIVER	30	5-1-66	6-3-63	150
1035	"	NEW YORK	30	5-1-66	9-26-63	30
1038	"	MORE'S CREEK	30	5-1-66	9-4-64	100
1048	BOISE CITY	PHYLLIS	30	5-1-66	10-28-64	1085.7
1059	"	FARMERS UNION	33	6-1-66	5-20-65	4.31
1074	MORE'S CREEK	"	33	6-1-66	10-28-65	5.00
		NEW YORK	30	5-1-66	10-13-66	100

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

TE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
3	4-11-1944	30	D. W. BALDWIN	
6	4-29-1946	8	W. W. HOWELL	KENNETH D. EARL
6	4-29-1946	6	"	L. R. FEWKES
6	4-29-1946	7	"	D. G. STARK
6	4-29-1946	13	"	G. W. KYLE
6	12-20-1946	100	"	REX JENSON (BOISE-KUNA IRRIG. DIST.)
6	12-20-1946	30	"	MRS. EDITH CURTIS
6	6-14-1947	10	"	CLYDE SIMPSON
6	6-14-1947	10	"	JOHN DEMOND
6	6-14-1947	25	"	LEN SIMPSON
6	6-14-1947	27	"	J. S. BEEDE
6	11-25-1947	32	R. M. TUCKER	
6	5-4-1948	10	W. W. HOWELL	W. E. DOTY
6	5-4-1948	10	"	TOM ERQUIAGA
6	5-4-1948	7	"	LOUIS ODERMOTT
6	5-4-1948	10	"	W. H. CALDWELL
6	5-4-1948	20	"	NORMAN C. STEELE
6	5-4-1948	10	"	GEORGE BERT ROYLANCE
6	3-9-1949	50	AIRCRAFT SERVICE CO.	
6	3-9-1949	55	W. W. HOWELL	
6	4-2-1949	7.5	"	
6	4-14-1950	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
6	4-14-1950	20	J. R. FIELD	BRINK TRACT
6	3-28-1952	1000	FOREST SOWER	
6	3-28-1952	17	"	
6	3-28-1952	60	"	
6	7-13-1954	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
6	9-3-1954	24	"	10" TO THE GOLDEN KENT TRACT AND 14" TO
6	10-2-1956	14.4	J. FRANK BRYCE	
6	10-2-1956	11	GEORGE D. KEYSER, JR.	
6	10-2-1956	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
6	7-11-1957	5	FRANCIS H. NEITZEL	R. S. POTTER TRACT
6	4-3-58	5	"	R. W. WHITE TRACT
6	12-15-58	10	"	EDWARD C. MAW & F. LEROY SPRAGUE TRACT
6	12-15-58	1.25	"	H. P. IRBY TRACT
6	2-15-60	2.5	"	EARL M. & DELLA LUKEHART TRACT
6	1-17-62	75	G. S. TAYLOR	SYMMS FRUIT RANCH, INC.
6	1-17-62	10	"	EVERETT RAMBO TRACT
6	2-23-62	5	"	R. E. DAISY M. THOMPSON TRACT
6	2-23-62	6	"	CHESNEY LITTLE TRACT
6	5-29-62	10	"	THERION E. CHRISTENSEN TRACT
6	7-5-62	4	"	LYLE F. TRAPP TRACT
6	7-5-62	8	"	CHARLES G. HYDE TRACT
6	4-17-63	50	"	GLENN DRAPER
6	5-16-63	5	NEW DRY CREEK	R. B. BETTY
6	6-14-63	100	G. S. TAYLOR	JOHN DOBSON
6	6-3-63	150	"	SURPRISE VALLEY FARMS
6	9-26-63	30	"	FRANCIS HERMAN
6	9-4-64	100	"	CARL NICHOLSON
6	10-28-64	1085.75	"	PIONEER IRRIGATION DIST.
6	5-20-65	4.38	BOISE CITY CANAL	LEATHERMAN & BINGMAN
6	10-28-65	5.00	"	W. T. & HATTIE M. SPRINGER
6	10-13-66	100	CARL NICHOLSON	

BY WHOM
TRANSFERRED

REMARKS

D. W. BALDWIN

W. W. HOWELL

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R. M. TUCKER

W. W. HOWELL

"

"

"

"

AIRCRAFT SERVICE CO.

W. W. HOWELL

"

J. R. FIELD

J. R. FIELD

FOREST SOWER

"

"

G. S. TAYLOR

"

J. FRANK BRYCE

GEORGE D. KEYSER, JR.

G. S. TAYLOR

FRANCIS H. NEITZEL

"

"

"

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G. S. TAYLOR

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"

NEW DRY CREEK

G. S. TAYLOR

"

"

"

"

BOISE CITY CANAL

"

CARL NICHOLSON

KENNETH O. EARL

L. R. FEWKES

D. G. STARK

G. W. KYLE

REX JENSON (BOISE-KUNA IRRIG. DIST.)

MRS. EDITH CURTIS

CLYDE SIMPSON

JOHN DEMOND

LEN SIMPSON

J. S. BEEDE

W. E. DOTY

TOM ERQUIAGA

LOUIS ODERMOTT

W. H. CALDWELL

NORMAN C. STEELE

GEORGE BERT ROYLANCE

8" HAGER TRACT, 15" KIMBLE TRACT
BRINK TRACT

BOISE-KUNA IRRIGATION DIST.

10" TO THE GOLDEN KENT TRACT AND 14" TO THE EDMUND BUCKLEY TRACT

THEODORE L. JOHNSON TRACT

R. S. POTTER TRACT

R. W. WHITE TRACT

EDWARD C. MAW & F. LEROY SPRAGUE TRACT

H. P. IRBY TRACT

EARL M. & DELLA LUKEHART TRACT

SYMMS FRUIT RANCH, INC.

EVERETT RAMBO TRACT

R. E. DAISY M. THOMPSON TRACT

CHESNEY LITTLE TRACT

THERION E. CHRISTENSEN TRACT

LYLE F. TRAPP TRACT

CHARLES G. HYDE TRACT

GLENN DRAPER

R. B. BETTY

JOHN DOBSON

SURPRISE VALLEY FARMS

FRANCIS HERMAN

CARL NICHOLSON

PIONEER IRRIGATION DIST.

LEATHERMAN & BINGMAN

W. T. & HATTIE M. SPRINGER

NO.	DATE	NAME	AMOUNT DECREED		NO.	DATE	NAME
			SEC.	FT. INCHES			
1.	6-1-64	THOMAS DAVIS	2.20	110	46.	6-1-69	MASON CREEK DITCH CO.
2.	6-1-64	JACOBS CANAL CO.	20.00	1000	47.	X6-1-69	T. W. BOONE
3.	6-1-64	MIDDLETON MILL DITCH	12.80	640	50.	6-1-70	BARBER LUMBER CO.
4.	6-1-64	THOMAS ANDREWS	3.30	165	48.	6-1-70	W. J. HAMMING
5.	6-1-64	CATLIN & MACE	2.86	143	49.	6-1-70	PIONEER CANAL
6.	6-1-64	T. C. CATLIN	3.30	165	51.	X6-1-70	THOMAS ANDREWS
7.	6-1-64	C. C. HAVIRD	3.30	165	52.	6-1-71	CATLIN & MACE
8.	X9-1-64	PIONEER DIXIE DITCH CO.	20.00	1000	53.	6-1-71	PETER MEEVES
9.	X6-1-65	SIEBENBERG DITCH CO.	13.42	671	54.	6-1-71	MIDDLETON MILL DITCH CO.
10.	6-1-65	ALLEN V. WEBSTER	1.20	60	55.	6-1-72	J. F. YARYAN
11.	6-1-65	J. F. YARYAN	.66	33	56.	6-1-72	J. F. YARYAN
12.	6-1-65	GRAHAM & GILBERT	4.40	220	57.	6-1-72	MARY C. DAVIS
13.	6-1-65	EUREKA WATER CO.	33.32	1666	58.	6-1-72	EDWARD N. HART
14.	6-1-65	NEW UNION DITCH CO.	13.76	688	59.	X6-1-74	J. W. BOONE
15.	6-1-65	BOISE VALLEY IRRIG. DITCH CO.	54.58	2729	60.	X6-1-75	FARMERS COOPERATIVE DITCH
16.	6-1-65	RIDENBAUGH & ROSSI	9.20	460	61.	6-1-76	EDWARD & MARY CLARK
17.	6-1-65	RIDENBAUGH & ROSSI (POWER)	265.80	13290	62.	6-1-76	JOHN CECIL
18.	6-1-65	DENVER & IDAHO LAND CO.	.80	40	63.	6-1-77	THOMAS AIKENS
19.	X6-1-65	MARTHA BOWMAN	2.88	144	64.	6-1-77	W. H. CONWAY
20.	X6-1-65	BIRD BOWMAN	6.40	320	65.	6-1-77	MIDDLETON WATER CO.
21.	X6-1-65	G. W. GESS	2.90	145	66.	7-1-77	PERRAULT & JOHNSON (POWER)
22.	X6-1-65	ROBERT MCGUIRE	3.20	160	67.	5-1-78	NAMPA MERIDIAN IRRIG. DIST.
23.	X6-1-65	G. W. COOPER	3.20	160	68.	X6-1-78	JOHN MAMMON
24.	X6-1-65	J. W. ROLAND	2.40	120	69.	X6-1-78	JULIA MAMMON
25.	X6-1-65	DRAPER & WELLS	3.94	197	70.	X6-1-78	CHARLES ALLEN
26.	X6-1-65	THOMAS J. PALMER	1.60	80	71.	X6-1-78	R. H. STOCKTON
27.	X6-1-65	NOAH W. PALMER	1.58	79	72.	6-1-79	NEW DRY CREEK DITCH CO.
28.	X6-1-65	J. N. TUCKER	7.00	350	73.	X6-1-79	D. MUMFORD
29.	X6-1-65	THOMAS ANDREWS	6.00	300	74.	X6-1-80	SMITH STOCKTON
30.	5-1-66	J. PERRAULT & R. JOHNSON	50.00	2500	75.	6-1-80	ISHAM JOPLIN
31.	6-1-66	WILLIAM P. KENNEDY	2.60	130	76.	10-20-80	JOSEPH GOBLE
32.	6-1-66	MANVILLE & LEONARD	3.50	175	77.	10-29-80	FRANKLIN DITCH CO.
33.	6-1-66	BOISE CITY CANAL CO.	38.06	1903	78.	6-1-82	ALLEN V. WEBSTER
34.	6-1-66	FRANKLIN DITCH CO.	15.40	770	79.	6-1-82	SUSIE CAMPBELL
35.	6-1-67	CANYON CO. WATER CO.	75.80	3790	80.	6-1-82	J. T. BARBER
36.	6-1-68	MARTHA E. MCCARTHY	14.10	705	81.	6-1-82	SONORA JOPLIN
37.	6-1-68	H. D. & DORA GOODMAN	3.70	185	82.	6-1-82	S. W. HUTCHINSON
38.	X6-1-68	T. T. JOHNSON	3.20	160	83.	6-1-82	JOHNSON
39.	X6-1-68	ROSS, ALLEN, DILLEY & ROSS	8.54	427	84.	6-1-82	ANDREW J. JOPLIN
40.	6-1-68	S. S. GRAY	1.40	70	85.	6-1-82	JAMES L. GRAHAM
41.	X6-1-69	JOHN MAMMON	1.80	90	86.	X6-1-83	FARMERS CO-OP. DITCH
42.	6-1-69	ISAAC REDAL	1.60	80	87.	6-1-83	FRANCIS M. JOPLIN
43.	X6-1-69	FREDERICH ODE	3.60	180	88.	X6-1-83	W. A. BLACK
44.	X6-1-69	PRIOR BURNETT	8.50	425	89.	X11-9-83	EUREKA DITCH CO. NO. 2
45.	X6-1-69	PIONEER DIXIE DITCH CO.	35.44	1772	90.	6-1-84	PIONEER IRRIG. DIST.

STEWART DECREE

DATE	NAME	AMOUNT DECREE		NO.	DATE	NAME	AMOUNT DECREE
		SEC. FT.	INCHES				SEC.
6-1-89	MASON CREEK DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00
X8-1-89	T. W. BOONE	3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.00
6-1-90	BARBER LUMBER CO.	2.24	112	93.	6-1-86	NEW DRY CREEK DITCH	15.00
6-1-90	W. J. HAMMING	2.60	130	94.	6-1-86	THOMAS DAVIS	13.40
6-1-90	PIONEER CANAL	25.72	1286	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00
X8-1-90	THOMAS ANDREWS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80
6-1-91	EATLIN & MACE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.80
6-1-91	PETER NEEVES	1.80	90	98.	6-1-88	A. V. LINDER	4.00
6-1-91	MIDDLETON MILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH	1.30
6-1-92	J. F. YARVAN	.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40
6-1-92	J. F. YARVAN	1.40	70	101.	6-1-88	ED. J. LINDER	1.40
6-1-92	MARY C. DAVIS	4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20
6-1-92	EDWARD N. HART	3.30	165	103.	6-1-88	JESSIE WILSON	1.40
X8-1-94	J. W. BOONE	2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90
X8-1-95	FARMERS COOPERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00
6-1-96	EDWARD & MARY CLARK	2.30	115	106.	8-20-88	NAMPA MERIDIAN IRRIG. DIST.	370.84
6-1-96	JOHN CECIL	.44	22	107.	5-1-89	CHAS. S. MILLER	.06
6-1-97	THOMAS AIKENS	5.20	260	108.	5-1-89	LOUIS S. HOSELEY	.02
6-1-97	W. H. CONWAY	.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40
6-1-97	MIDDLETON WATER CO.	114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00
7-1-97	HERRAULT & JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94
7-1-98	NAMPA MERIDIAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05
8-1-98	JOHN NANNON	4.20	210	113.	5-1-89	GRACE CALL	.10
9-1-98	JULIA NANNON	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03
10-1-98	CHARLES ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN	.06
1-1-98	R. H. STOCKTON	4.40	220	116.	6-1-89	SONORA JOPLIN	1.20
2-1-98	NEW DRY CREEK DITCH CO.	31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT	200.00
3-1-98	D. MUNFORD	4.00	200	118.	6-1-91	W. H. CONWAY	2.20
4-1-98	SMITH STOCKTON	1.76	88	119.	6-1-91	THOMAS DAVIS	.54
5-1-98	IBHAM JOPLIN	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00
6-1-98	JOSEPH GOBLE	.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50
7-1-98	FRANKLIN DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	73.44
8-1-98	ALLEN V. WEBSTER	.90	45	123.	6-1-91	THOMAS AIKEN	.80
9-1-98	SUSIE CAMPBELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00
10-1-98	J. T. BARBER	1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76
11-1-98	SONORA JOPLIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00
12-1-98	S. W. HUTCHINSON	.44	22	127.	5-1-95	CHARLES REIN & JANE KEON	1.00
13-1-98	JOHNSON	.44	22	128.	7-1-95	MATHEW CASEY	.66
14-1-98	ANDREW J. JOPLIN	2.86	143	129.	X7-1-96	FARMERS CO-OP. DITCH CO.	83.50
15-1-98	JAMES L. GRAHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00
16-1-98	FARMERS CO-OP. DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10
17-1-98	FRANCIS M. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00
18-1-98	W. A. BLACK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00
19-1-98	EUREKA DITCH CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54
20-1-98	PIONEER IRRIG. DIST.	53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34

AMOUNT DECREED		NO.	DATE	NAME	AMOUNT DECREED	
SEC. FT.	INCHES				SEC. FT.	INCHES
37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000
3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4953
2.24	112	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761
2.60	130	94.	6-1-86	THOMAS DAVIS	13.40	670
25.72	1286	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393
1.80	90	98.	6-1-88	A. V. LINDER	4.00	200
33.70	1685	99.	6-1-88	LEVI SMITH	1.30	65
.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70
1.40	70	101.	6-1-88	ED. J. LINDER	1.46	73
4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20	60
3.30	165	103.	6-1-88	JESSIE WILSON	1.40	70
2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45
DITCH CO. 10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
2.30	115	106.	8-20-88	NAMPA MERIDIAN IRRIG. DIST.	370.84	18542
.44	22	107.	5-1-89	CHAS. S. MILLER	.06	3
5.20	260	108.	5-1-89	LOMMIS S. HOSELEY	.02	1
.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40	120
114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
(POWER) 200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
G. DIST. 170.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05	2
4.20	210	113.	5-1-89	GRACE CALL	.10	5
3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1
8.80	440	115.	6-1-89	SONORA JOPLIN	.06	3
4.40	220	116.	6-1-89	SONORA JOPLIN	1.20	60
H Co. 31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
4.00	200	118.	6-1-91	W. H. CONWAY	2.20	110
1.76	88	119.	6-1-91	THOMAS DAVIS	.54	27
2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00	850
.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50	175
27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	73.44	3672
.90	45	123.	6-1-91	THOMAS AIKEN	.80	40
.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00	4000
1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76	88
3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
.44	22	127.	5-1-95	CHARLES REIN & JANE KEOM	1.00	50
.44	22	128.	7-1-95	MATHEW CASEY	.66	33
2.86	143	129.	X7-1-96	FARMERS CO-OP. DITCH CO.	83.50	4175
2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
CH 20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
O. 2 21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277
T. 53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34	2817

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER NO.	PRIORITY DATE	AMOUNT DECREED			TOTAL SEC. FT.
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES
ANDREWS DITCH		4	6-1-1864	3.30			165
		29	6-1-1865	6.00			300
		44	6-1-1869	8.50			425
		51	6-1-1870	1.30			65
		104	6-1-1888	.90			45
		121	6-1-1891	3.50			175
							23.50
BALLENTYNE		98	6-1-1888	4.00			200
		99	6-1-1888	1.30			65
		100	6-1-1888	1.40			70
		101	6-1-1888	1.46			73
		102	6-1-1888	1.20			60
		103	6-1-1888	1.40			70
		123	6-1-1891	.80			40
		66-A	4-1-1878		.80		40
		66-C	4-1-1878		1.40		70
		66-D	4-1-1878		.80		40
		85-D	5-1-1883		.8256		41.28
		136	5-1-1906		.392		19.6
	57	65	6-1-1877	.60			30
	64*	102	6-1-1888	.20*			10*
	140*	85-D	5-1-1883		.07*		3.5*
	151	124-A	5-1-1893		.135		6.75
	161*	103	6-1-1888	.65*			32.5*
	174*	103	6-1-1888	.24*			12*
							15.3526
BOISE CITY		33	6-1-1866	38.06			1903
	370*	33	6-1-1866	1.124*			56.2*
	373*	33	6-1-1866	.374*			18.7*
	1048*	33	6-1-1866	.0875*			4.375*
	1059*	33	6-1-1866	.10*			5*
							36.3745

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	STEWART DECREE	AMOUNT DECREED			TOTAL SEC. FT.
						INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
BOISE VALLEY									
LICENSED RIGHT #15242		243	15	6-1-1865	54.58			2729	
				7-19-1921		(1.20)		60	55.78
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.80*			40*	
	224		89	11-9-1883	.90			45	9.38
BUBB (SOUTH BOISE MUTUAL)			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
			109	5-1-1889	2.40			120	
			110	5-1-1889	6.00			300	
			111	5-1-1889	2.94			147	
			112	5-1-1889	.05			2.5	
			113	5-1-1889	.10			5	
			114	5-1-1889	.03			1.5	
			8-B	4-1-1865		1.80		90	
			8-D	4-1-1865		.50		25	
			50-A	1870		1.00		50	
			106-A	3-1-1889		.84		42	
				4-1-1905			5.40	270	21.14

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
CALDWELL HIGH LINE			34	6-1-1866	15.40			770	
			46	6-1-1869	37.20			1860	
			77	10-29-1880	27.60			1980	
	29*		46	6-1-1869	1.00*			50*	79.20
CAMPBELL (CANYON DITCH CO.)			132	5-17-1900	10.00			500	
			134	10-25-1901	5.54			277	
		38	96	10-1-1887	12.10			605	
		105	9	6-1-1865	.50			25	28.14
CANYON COUNTY			35	6-1-1867	75.80			3790	
			35-A	6-1-1867		1.76		88	
	29		46	6-1-1869	1.00			50	
	36*		35	6-1-1867	.38*			19*	
	54*		35	6-1-1867	1.11*			55.5*	
	59		31	6-1-1866	2.60			130	
	75				.50			25	
	147		35	6-1-1867	.20			10	80.37
DAVIS (LITTLE DAVIS)			94	6-1-1886	13.40			670	
			119	6-1-1891	.54			27	13.94

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
EAGLE ISLAND CANALS								
AIKEN			63	6-1-1877	5.20		260	5.20
CONWAY & HAMMING			48	6-1-1870	2.60		130	
			64	6-1-1877	.90		45	
			118	6-1-1891	2.20		110	5.70
GRAHAM & GILBERT			12	6-1-1865	4.40		220	4.40
HART & DAVIS			6	6-1-1864	3.30		165	
			57	6-1-1872	4.40		220	
			58	6-1-1872	3.30		165	
	38*)		57	6-1-1872	1.04*		52*	9.96
	39*)							
LEMP DITCH			8-C	1865		6.00	300	6.00
MACE & CATLIN			5	6-1-1864	2.86		143	
			52	6-1-1871	7.86		393	
	179*		51	6-1-1864			12*	
			52)	6-1-1871	.24*		22	10.92
			138	6-1-1912		.44		
MACE & MACE			137	5-1-1909		1.76	88	1.76
SEVEN SUCKERS	38)		57	6-1-1872	1.04		52	
	39)		51	6-1-1864	.24		12	
	179		52)	6-1-1871				1.28

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL INCHES SEC. FT.	
EAGLE ISLAND CANALS									
WARM SPRINGS SLOUGH			61	6-1-1876	2.30			115	
			82	6-1-1882	.44			22	
			83	6-1-1882	.44			22	
			84	6-1-1882	1.36			68	
			85	6-1-1882	2.20			110	
			81	6-1-1882	.80			40	
			115	6-1-1889	.06			3	
			116	6-1-1889	1.20			60	8.80
EUREKA NO. 1			13	6-1-1865	33.32			1666	33.32
EUREKA NO. 2			89	11-9-1883	21.70			1085	
		47	96	10-1-1887	29.50			1475	
		62	96	10-1-1887	1.00			50	
		71	24	6-1-1865	.80			40	
	85			6-1-1865	.50			25	
		111*	96	10-1-1887	1.20*			60*	
	131*		89	11-9-1883	.70*			35*	
	159			6-1-1865	.10			5	
	175		88	6-1-1883	1.70			85	
	224*		89	11-9-1883	.90*			45*	
	225*		89	11-9-1883	.60*			30*	
	287*		89	11-9-1883	1.40*			70*	
	289*		89	11-9-1883	.50*			25*	50.00

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREE				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
FARMERS UNION			126	7-2-1894	110.00				
		136	2	6-1-1864	20.00			5500	
		370	33	6-1-1866	1.124			1000	
		373	33	6-1-1866	.374			56.2	
		374	65	6-1-1877	.40			18.7	
		375	65	6-1-1877	.20			20	
		384	65	6-1-1877	.40			10	
		385	65	6-1-1877	.266			20	
		386	65	6-1-1877	.40			13.3	
		387	65	6-1-1877	.40			20	
		391	3)	6-1-1864				20	
		391	54)	6-1-1871	.15			7.5	
		393	3)	6-1-1864					
		393	54)	6-1-1871	.288			14.4	
		393	120)	6-1-1891					
		395	65	6-1-1877	.50			25	
		430*	65	6-1-1877	.25*			12.5*	
	84		65	6-1-1877	.80			40	
		512	1	6-1-1864	1.00			50	
		513	1	6-1-1864	.50			25	
		530	1	6-1-1864	.30			15	
				7-2-1894			54.46	2723	
	1048		33	6-1-1866	.0875			4.375	
	1059		33	6-1-1866	.10			5	191.4995
HAAS DITCH			39	6-1-1868	8.54			427	
	176		70	6-1-1878	8.80			440	17.34
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150	
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	20.00
LARSEN-BAXTER-LEMP			73-B	1880		3.20		160	
	127		20	6-1-1865	.80			40	4.00
LAWRENCE & KENNEDY (DOES NOT DIVERT FROM RIVER	1575*		31-C	6-1-1866		1.10		55	1.10
			31-C	6-1-1866		1.10*		55*	0.00
LITTLE PIONEER			49	6-1-1870	25.72			1286	25.72
	1575		31-C	6-1-1866		1.10		55	26.82

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED					TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS			INCHES	
						STEWART DECREE	BRYAN DECREE			
LOWER CENTER POINT										
			19	6-1-1865	2.88				144	
			20	6-1-1865	6.40				320	
			21	6-1-1865	2.90				145	
			22	6-1-1865	3.20				160	
			38	6-1-1868	3.20				160	
			43	6-1-1869	3.60				180	
			73	6-1-1879	4.00				200	
	50*		19	6-1-1865	2.88*				144*	
	51*		20	6-1-1865	6.40*				320*	
	131		89	11-9-1883	.70				35	
	245		89	11-9-1883	.60				30	
	287		89	11-9-1883	1.40				70	19.60
MAMMON										
			41	6-1-1869	1.80				90	
			68	6-1-1878	4.20				210	
			69	6-1-1878	3.36				168	
			70	6-1-1878	8.80				440	
	176*		70	6-1-1878	8.80*				440*	9.36
MEEVES										
			53	6-1-1871	1.80				90	1.80
MIDDLETON MILL										
			3	6-1-1864	12.80				640	
			40	6-1-1868	1.40				70	
			54	6-1-1871	33.70				1685	
			120	6-1-1891	17.00				850	
	54		35	6-1-1867	1.11				55.5	
	75*				.50*				25*	
	147*		35	6-1-1867	.20*				10*	
		300*	3)	6-1-1864						
		300*	54)	6-1-1871	.35*				17.5*	
		300*	120)	6-1-1891						
		301*	3)	6-1-1864						
		301*	54)	6-1-1871	1.54*				77*	
		301*	120)	6-1-1891						
		347*	3	6-1-1864	.14*				7*	
		349*	3	6-1-1864	.14*				7*	
		350*	3	6-1-1864	.14*				7*	
		391*	3)	6-1-1864						
		391*	54)	6-1-1871	.15*				7.5*	
		393*	3)	6-1-1864						
		393*	54)	6-1-1871	.288*				14.4*	
		393*	120)	6-1-1891						
		754	30	5-1-1866	.40				20	
		123-A	5-15-1893			1.60			80	64.562

*SUB TRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL INCHES SEC. FT.
MIDDLETON WATER	36		65	6-1-1877	114.08			5704
	57*		35	6-1-1867	.38			19
	61		65	6-1-1877	.60*			30*
	84*		31-B	6-1-1866		.60		30
	126		65	6-1-1877	.80*			40*
			31-A	6-1-1866		2.30		115
		357*	65	6-1-1877	.20*			10*
		374*	65	6-1-1877	.40*			20*
		375*	65	6-1-1877	.20*			10*
		384*	65	6-1-1877	.40*			20*
		385*	65	6-1-1877	.266*			13.3*
		386*	65	6-1-1877	.40*			20*
		387*	65	6-1-1877	.40*			20*
		392*	65	6-1-1877	.40*			20*
		395*	65	6-1-1877	.50*			25*
								112.794

MISCELLANEOUS

R. B. BETTY		1009	73-A	5-1-1866		.10		5	.10
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		80	1.60
DRAINAGE DIST.#4			80	6-1-1882	1.60			80	1.60
DRAINAGE DIST.#4 (MARSTERS DITCH)	83*		85-A	6-1-1882		1.76		88	
			85-A	6-1-1882		.72*		36*	1.04
MANVILLE-LEONARD			32	6-1-1866	3.50			175	3.50
MCCURRY PUMP (LICENSED RIGHT #33487)				2-22-1967	(.56)			28	.56
SURPRISE VALLEY FARMS		1011	30	5-1-1866	3.00			150	3.00

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	AMOUNT DECREED					
			PRIORITY NO.	DATE	INTERVENORS			TOTAL SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	
NEW DRY CREEK			72	6-1-1879	31.32			1566
			93	6-1-1886	15.22			761
			97	6-1-1888	7.86			393
			129-A	4-1-1897		.54		27
			73-A	4-1-1880		.54		27
			74-A	6-1-1880		1.816		90.8
			85-C	5-1-1883		.2232		11.16
			85-E	5-1-1883		.385		19.25
			124-A	5-1-1893		.825		41.25
		300	3)	6-1-1864				
		300	54)	6-1-1871	.35			17.5
		300	120)	6-1-1891				
		301	3)	6-1-1864				
		301	54)	6-1-1871	1.54			77
		301	120)	6-1-1891				
	64		102	6-1-1888	.20			10
	140		85-D	5-1-1883		.07		3.5
	151*		124-A	5-1-1893		.135*		6.75*
	161		103	6-1-1888	.65			32.5
	174		103	6-1-1888	.24			12
		713	30	5-1-1866	.54			27
	1009*		73-A	4-1-1880		.10*		5*
								62.0842
NEW UNION			14	6-1-1865	13.76			688
								13.76

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
		TRANSFER NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
NEW YORK		131	3-23-1900	219.10			10955	
			3-23-1900			58.86	2943	
			12-14-1903			1354.58	67729	
			6-16-1909			926.50	46325	
		(790-111) 8	9-1-1864	20.34			1017	
		45	6-1-1869					
		(790-111) 96	10-1-1887	1.20			60	
		466 106	8-20-1888	8.90			445	
		701 30	5-1-1866	2.00			100	
		823 30	5-1-1866	6.00			300	
		976 30	5-1-1866	1.50			75	
		1007 30	5-1-1866	1.00			50	
		1010 30	5-1-1866	2.00			100	
		1017 30	5-1-1866	.60			30	
		1074 30	5-1-1866	2.00			100	2604.58
O'DONNELL DITCH		114-A	5-1-1889		1.60		80	
		114-B	5-1-1889		.80		40	
	227*	114-A	5-1-1889		1.60*		80	
	257*	114-B	5-1-1889		.80*		40*	0.00
PARMA DITCH		71	6-1-1878	4.40			220	
		74	6-1-1880	1.76			88	
		125	6-1-1894	1.76			88	
		77-A	6-1-1881		1.60		80	
		77-B	6-1-1881		.34		17	
		77-C	6-1-1881		.80		40	
		77-D	6-1-1881		1.30		65	
	257	114-B	5-1-1889		.80		40	12.76
PENITENTIARY	46	50	6-1-1870	2.24			112	2.24
PHYLLIS		90	6-1-1884	53.10			2655	
		117	9-1-1890	200.00			10000	
		135	4-1-1904	56.34			2817	
			4-1-1905			306.56	15328	
			4-1-1908			54.50	2725	
		1038 30	5-1-1866	21.715			1086	692.215

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				
			NO.	DATE	INTERVENORS			INCHES	SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE		
PIONEER DIXIE			8	9-1-1864	20.00			1000	
			45	6-1-1869	35.44			1772	
		36	96	10-1-1887	2.00			100	
		48	96	10-1-1887	4.20			210	
		62*	96	10-1-1887	1.00*			50*	
		111*	8)	6-1-1864					
			45)	6-1-1869	20.34*			1017*	
		608	88	6-1-1883	1.00			50	
		644	88	6-1-1883	.70			35	
		660	88	6-1-1883	.60			30	
	35*				2.00*			100*	
	148*		96	10-1-1887	1.50*			75*	
				7-9-1914					
							20.90	1045	60.00
RIDENBAUGH (NAMPA & MERIDIAN)			67	5-1-1878	170.00			8500	
			106	8-20-1888	370.84			18542	
		392	65	6-1-1877	.40			20	
	152		47-A	4-1-1870		.80		40	
	153		127	5-1-1895	1.00			50	
	154		8-A	4-1-1865		.80		40	
		466*	106	8-20-1888	8.90*			445*	
		595	1	6-1-1864	.20			10	535.14
RIVERSIDE			88	6-1-1883	12.00			600	
			91	6-1-1884	20.00			1000	
			95	1-23-1887	4.00			200	
			124	5-1-1893	80.00			4000	
			130	10-1-1899	20.00			1000	
			133	6-1-1901	70.00			3500	
			77-E	4-15-1882		3.674		183.7	
			116-A	6-1-1890		.72		36	
			116-B	6-1-1890		.10		5	
			116-C	6-1-1890		.40		20	
				4-1-1910			63.78	3189	
				4-1-1914			17.70	885	
		608*	88	6-1-1883	1.00*			50*	
		644*	88	6-1-1883	.70*			35*	
		660*	88	6-1-1883	.60*			30*	
					2.00			100	
	35				1.70*			85*	290.374
	175*		88	6-1-1883					
ROEDEL DITCH			59-A	5-1-1875		3.20		160	3.20

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL INCHES	TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
ROSSI MILL			16	6-1-1865	9.20			460	
			18	6-1-1865	.80			40	10.00
SEBREE (FARMERS CO-OP)			60	6-1-1875	10.00			500	
			86	6-1-1883	20.00			1000	
			105	7-1-1888	50.00			2500	
			129	7-1-1896	83.50			4175	
				4-1-1905				7722	
		717	9	6-1-1865	.64		154.45	32	318.59

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER NO.	PRIORITY DATE	AMOUNT DECREED			TOTAL SEC. FT.
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
SETTLERS		92	10-17-1884	99.06			4953
		122	6-1-1891	73.44			3672
		347	3 6-1-1864	.14			7
		349	3 6-1-1864	.14			7
		350	3 6-1-1864	.14			7
		357	65 6-1-1877	.20			10
		412	81 6-1-1882	.40			20
	76	85-B	4-1-1883		1.00		50
	83	85-A	6-1-1882		.72		36
		430	65 6-1-1877	.25			12.5
		595	1 6-1-1864	.20			10
		654	30 5-1-1866	.50			25
		654	30 5-1-1866	1.00			50
		654	30 5-1-1866	.50			25
		694	30 5-1-1866	.16			8
		694	30 5-1-1866	.12			6
		694	30 5-1-1866	.14			7
		694	30 5-1-1866	.26			13
		702	30 5-1-1866	.60			30
		712	30 5-1-1866	.20			10
		712	30 5-1-1866	.20			10
		712	30 5-1-1866	.50			25
		720	30 5-1-1866	1.34			67
		736	37 6-1-1868	1.00			50
		737	30 5-1-1866	1.10			55
		739	30 5-1-1866	.15			7.5
		753	30 5-1-1866	.46			23
		829	30 5-1-1866	.48			24
		871	36 6-1-1868	.288			14.4
		872	36 6-1-1868	.22			11
		873	30 5-1-1866	.20			10
		890	30 5-1-1866	.10			5
		906	30 5-1-1866	.10			5
		917	30 5-1-1866	.20			10
		918	30 5-1-1866	.025			1.25
		940	30 5-1-1866	.05			2.5
		977	30 5-1-1866	.20			10
		979	30 5-1-1866	.10			5
		980	30 5-1-1866	.12			6
		989	30 5-1-1866	.20			10
		990	30 5-1-1866	.08			4
		991	30 5-1-1866	.16			8
SIEBENBERG		9	6-1-1865	13.42			671
		105*	9 6-1-1865	.50*			25*
		717*	9 6-1-1865	.64*			32* 12.28

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.	
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		INCHES
THURMAN MILL			7	6-1-1864	3.30			165	
			10	6-1-1865	1.20			60	
			11	6-1-1865	.66			33	
			36	6-1-1868	14.10			705	
			37	6-1-1868	3.70			185	
			42	6-1-1869	1.60			80	
			55	6-1-1872	.70			35	
			56	6-1-1872	1.40			70	
			62	6-1-1876	.44			22	
			75	6-1-1880	2.40			120	
			76	10-20-1880	.90			45	
			78	6-1-1882	.90			45	
			79	6-1-1882	.60			30	
			81	6-1-1882	2.60			130	
			84	6-1-1882	1.50			75	
			87	6-1-1883	.90			45	
			128	7-1-1895	.66			33	
		412*	81	6-1-1882	.40*			20*	
		736*	37	6-1-1868	1.00*			50*	
		871*	36	6-1-1868	.288*			14.4*	
		872*	36	6-1-1868	.22*			11*	35.652
UPPER CENTER POINT			23	6-1-1865	3.20			160	
			24	6-1-1865	2.40			120	
			25	6-1-1865	3.94			197	
			26	6-1-1865	1.60			80	
			27	6-1-1865	1.58			79	
		71*	24	6-1-1865	.80*			40*	
				6-1-1865	.50*			25*	
			96	10-1-1887	1.50			75	
				6-1-1865	.10*			5*	
			89	11-9-1883	.50			25	13.32
	85*								
	148								
	159*								
	289								

*SUBTRACT

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
AN APPROXIMATE AMOUNT
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1	THOMAS DAVIS	1	2.20	1.65	1.32	1	1323	1632
*2	JACOBS CANAL CO.	1	20.00	20.00	20.00	21		
3	MIDDLETON MILL DITCH CO.	1	12.80	9.60	7.68	29	1325	1635
4	THOMAS ANDREWS	3	3.30	2.48	1.98	31		
5	CATLIN & MACE	1	2.86	2.15	1.72	33	1325	1636
6	T. C. CATLIN	1	3.30	2.48	1.98	35	1326	1637
7	C. C. HAVIRD	1	3.30	2.48	1.98	37	1326	1638
8	PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00			
8A	ADOLPH BAHLER	1	.80	.60	.48		1327	
8B	FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08	38	1327	
8C	LOUISE SIMONSON	1	6.00	4.50	3.60	42		
8D	S.G. HARDIES & AMELIA EISLEY	1	.50	.38	.30			
9	SIEBENBERG	2	13.42	10.07	8.05			
10	ALLEN V. WEBSTER	1	1.20	.90	.72	43	1327	1639
11	J. F. YARYAN	1	.66	.50	.40		1327	
12	GRAHAM & GILBERT	1	4.40	3.30	2.64	46	1328	1640
13	EUREKA WATER CO.	1	33.32	24.99	19.99	66	1333	1648
14	NEW UNION DITCH CO.	1	13.76	10.32	8.26	74	1335	1652
15	BOISE VALLEY IRRIG. CO.	1	54.58	40.94	32.75	107	1343	1665
16	RIDENBAUGH & ROSSI	1	9.20	6.90	5.52	112	1345	1667
17	RIDENBAUGH & ROSSI (POWER)	1						
18	DENVER & IDAHO LAND CO.	1	.80	.60	.48	113		1668
19	MARTHA BOWMAN	2	2.88	2.16	1.73			
20	BIRD BOWMAN	2	6.40	4.80	3.84			
21	G. W. GESS	2	2.90	2.18	1.74			
22	ROBERT MCGUIRE	2	3.20	2.40	1.92			
23	C. W. COOPER	2	3.20	2.40	1.92			
24	J. W. ROWLAND	2	2.40	1.80	1.44			
25	DRAPER & WELLS	2	3.94	2.96	2.36			
26	THOMAS J. PALMER	2	1.60	1.20	.96			
27	NOAH W. PALMER	2	1.58	1.19	.95			
28	J. N. TUCKER	3	7.00	5.25	4.20			
29	THOMAS ANDREWS	3	6.00	4.50	3.60			
29	THOMAS ANDREWS	1	50.00	50.00	50.00	163		
*30	J. PERRAULT & R. JOHNSON	1	2.60	1.95	1.56	164		
31	WILLIAM P. KENNEDY	1	2.30	1.73	1.38	166	1345	1669
31A	WM. MUSSER	1	.60	.45	.36			
31B	MINNIE & JERRY COUZENS	1	1.10	.83	.66			
31C	ALBERT C. BOWERMAN	1	3.50	2.63	2.10	168	1346	1670
32	MANVILLE & LEONARD	1	38.06	28.55	22.83	191	1352	1679
33	BOISE CITY CANAL CO.	1	15.40	11.55	9.24	200	1354	1683
34	FRANKLIN DITCH CO.	1	75.80	56.85	45.48	246	1365	1702
35	CANYON COUNTY WATER CO.	1	1.76	1.32	1.06	247		1703
35A	RALPH T. KNIGHT	1	14.10	10.58	8.46	255	1368	1706
36	MARTHA E. MCCARTHY	1	3.70	2.78	2.22	257	1368	1707
37	H. D. & DORA GOODMAN							

*THESE RIGHTS HAVE BEEN ADJUDICATED BY THE SUPREME COURT AND ARE NOT CUT BELOW 100%

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
AN APPROXIMATE AMOUNT
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
38	T. T. JOHNSON	2	3.20	2.40	1.92			
39	ROSS, ALLEN, DILLEY & ROSS	3	8.54	6.41	5.12			
40	S. S. GRAY	1	1.40	1.05	.84	258		
41	JOHN MAMMON	3	1.80	1.35	1.08			
42	ISSAC BEDAL	1	1.60	1.20	.96	259	1369	1708
43	FREDERICH ODE	2	3.60	2.70	2.16			
44	PRIOR BURNETT	3	8.50	6.38	5.10			
45	PIONEER DIXIE DITCH CO.	2	35.44	26.58	21.26			
46	MASON CREEK DITCH CO.	1	37.20	27.90	22.32	282	1374	1717
47	T. W. BOONE	3	3.50	2.63	2.10			
47A	ADOLPH BAHLER	1	.80	.60	.48	284	1374	1718
48	W. J. HAMMING	1	2.60	1.95	1.56	299	1375	1724
49	PIONEER CANAL	1	25.72	19.29	15.43	301	1379	1725
50	BARBER LUMBER CO.	1	2.24	1.68	1.34	301	1379	1725
50A	S.G. HARDIES & AMELIA EISLEY	1	1.00	.75	.60			
51	THOMAS ANDREWS	3	1.30	.98	.78	302		
52	CATLIN & MACE	1	7.86	5.90	4.72	306	1380	1727
53	PETER MEEVES	1	1.80	1.35	1.08	307		
54	MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	327	1385	1736
55	J. F. YARYAN	1	.70	.53	.42	328		
56	J. F. YARYAN	1	1.40	1.05	.84	329	1386	1737
57	MARY C. DAVIS	1	4.40	3.30	2.64	331		
58	EDWARD N. HART	1	3.30	2.48	1.98	333	1387	1739
59	T. W. BOONE	3	2.20	1.65	1.32			
59A	KARL F. & OTTO W. RODEL	2	3.20	2.40	1.92			
60	FARMER'S CO-OP. DITCH CO.	2	10.00	7.50	6.00			1742
61	EDWARD & MARY CLARK	1	2.30	1.73	1.38	335		1743
62	JOHN CECIL	1	.44	.33	.26			
63	THOMAS AIKEN	1	5.20	3.90	3.12	338	1388	1744
64	W. H. CONWAY	1	.90	.68	.54	339		
65	MIDDLETON WATER CO.	1	114.08	85.56	68.45	407	1405	1773
66	PERRAULT & JOHNSON (POWER)	1						
66A	J. S. KRAUS	1	.80	.60	.48	408		
66C	J. W. KOLANDER	1	1.40	1.05	.84	409		
66D	M. T. GRIFFITH	1	.80	.60	.48		1406	
67	NAMPA, MERIDIAN IRRIG. DIST.	1	170.00	127.50	102.00	511	1431	1816
68	JOHN MAMMON	3	4.20	3.15	2.52			
69	JULIA MAMMON	3	3.36	2.52	2.02			
70	CHARLES ALLEN	3	8.80	6.60	5.28			
71	R. H. STOCKTON	3	4.40	3.30	2.64			
72	ISLAND HIGHLINE DITCH CO.	3	3.00	2.25	1.80			
73	NEW DRY CREEK DITCH CO.	2	31.32	23.49	18.79	530	1436	1824
74	D. MUMFORD	1	4.00	3.00	2.40			
75	GOBLE & SONGER	1	.54	.41	.32			
76	ALBERT LEMP ET AL	3	3.20	2.40	1.92			
77	SMITH STOCKTON	3	1.76	1.32	1.06			
78	C. B. FRANK	1	1.816	1.36	1.09	530	1437	1825
79	ISHAM JOPLIN	1	2.40	1.80	1.44	533	1437	1825
80	JOSEPH GOBLE	1	.90	.68	.54			

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
AN APPROXIMATE AMOUNT
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
77	FRANKLIN DITCH CO.	1	27.60	20.70	16.56	550	1441	1832
77A	GUS A. BARTH	3	1.60	1.20	.96			
77B	CHARLES JURRIES	3	.34	.26	.20			
77C	JAMES FINLAY	3	.80	.60	.48			
77D	LESTER J. SHIPPY	3	1.30	.98	.78			
77E	ROC HELMS	2	3.674	2.76	2.20			
78	ALLEN V. WEBSTER	1	.90	.68	.54			
79	SUSIE CAMPBELL	1	.60	.45	.36	551		
80	J. T. BARBER	1	1.60	1.20	.96	552		1833
81	SONORA JOPLIN	1	3.40	2.55	2.04	554	1442	1834
82	S. W. HUTCHINSON	1	.44	.33	.26	554		
83	JOHNSON	1	.44	.33	.26	554		
84	ANDREW J. JOPLIN	1	2.86	2.15	1.72	556	1443	1835
85	JAMES L. GRAHAM	1	2.20	1.65	1.32	557		
85A	LEO MARSTERS	1	1.76	1.32	1.06	558		1836
85B	JACOB BINGHAM	1	1.00	.75	.60	558		
85C	WM. HUCKBA	1	.2232	.17	.13	558		
85D	C. H. SCHMELZER	1	.8256	.62	.50	559		
85E	C. W. MCCLURG	1	.385	.29	.23	559		
86	FARMERS CO-OP. DITCH	2	20.00	15.00	12.00			1841
87	FRANCIS M. JOPLIN	1	.90	.68	.54	560	1444	
88	W. A. BLACK	2	12.00	9.00	7.20			1844
89	EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1849
90	PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	592	1452	1863
91	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			1868
92	SETTLERS CANAL CO.	1	99.06	74.30	59.44	652	1466	1893
93	NEW DRY CREEK	1	15.22	11.42	9.13	661	1469	1897
94	THOMAS DAVIS	1	13.40	10.05	8.04	669	1471	1900
95	WM. E., L. & E. YOUNG	2	4.00	3.00	2.40			1901
96	AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68			1913
97	NEW DRY CREEK DITCH	1	7.86	5.90	4.72	674	1472	1915
98	A. V. LINDER	1	4.00	3.00	2.40	677	1473	1916
99	LEVI SMITH	1	1.30	.98	.78	677		
100	CHARLOTTE CALHOUN	1	1.40	1.05	.84	678		1917
101	ED J. LINDER	1	1.46	1.10	.88	679		
102	LIZZIE EVERETT	1	1.20	.90	.72	680	1474	
103	JESSIE WILSON	1	1.40	1.05	.84	681		1918
104	THOMAS ANDREWS	3	.90	.68	.54			
105	FARMERS CO-OP. DITCH	2	50.00	37.50	30.00			1931
106	NAMPA MERIDIAN IRRIG. DIST.	1	361.94	271.46	217.16	898	1528	2021
106	BOARD OF CONTROL	1	8.90	6.67	5.34	903	1529	2023
106A	S.G. HARDIES & AMELIA EISLEY	1	.84	.63	.50	904		
107	CHARLES S. MILLER	1	.06	.05	.04	904		
108	LAMMIS L. HOSLEY	1	.02	.015	.01	904		
109	S. J. UTTER & C. B. TAYLOR	1	2.40	1.80	1.44	905		2024
110	SOUTH BOISE MUTUAL IRRIG. CO.	1	6.00	4.50	3.60	909	1531	2026
111	ESTATE OF J. H. GALLAGHER	1	2.94	2.21	1.76	910		
112	ANNA H. FOGARTY	1	.05	.04	.03	910		
113	GRACE CALL	1	.10	.08	.06	910		

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
AN APPROXIMATE AMOUNT
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
114	SAMUEL H. CANFIELD	1	.03	.02	.02	910		
114A	NEIL & PATRICK O'DONNELL	3	1.60	1.20	.96			2027
114B	GUS A. BARTH	3	.80	.60	.48			
115	SONORA JOPLIN	1	.06	.05	.04	910		
116	SONORA JOPLIN	1	1.20	.90	.72	911		
116A	ANNA SPENCER	2	.72	.54	.43			
116B	WILLIS SPENCER	2	.10	.08	.06			
116C	REBECCA BELL	2	.40	.30	.24			
117	PIONEER IRRIG. DIST.	1	200.00	150.00	120.00	1031	1562	2077
118	W. H. CONWAY	1	2.20	1.65	1.32	1032		2078
119	THOMAS DAVIS	1	.54	.41	.32	1033		
120	MIDDLETON MILL DITCH	1	17.00	12.75	10.20	1043	1565	2082
121	THOMAS ANDREWS	3	3.50	2.63	2.10			
122	SETTLERS CANAL CO.	1	73.44	55.08	44.06	1087	1576	2083
123	THOMAS AIKEN	1	.80	.60	.48	1088		2102
123A	OTTO & MARIE MULLER	1	1.60	1.20	.96	1089		
124	RIVERSIDE IRRIG. DIST.	2	80.00	60.00	48.00			2122
124A	W. D. CHARTERS	1	.825	.62	.50	1089		
125	R. H. STOCKTON	3	1.76	1.32	1.06			
126	FARMERS UNION DITCH	1	110.00	82.50	66.00	1155	1589	2150
127	CHARLES REIN & JAMES KEOH	1	1.00	.75	.60	1155		
128	MATHEW CASEY	1	.66	.50	.40	1156		
129	FARMERS CO-OP. DITCH	2	83.50	62.63	50.10	1156		2171
129A	H. E. PLAIN	1	.54	.41	.32	1156		
130	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			2176
131	NEW YORK CANAL CO.	1	219.00	164.33	131.46	1288	1622	2231
132	CANYON DITCH CO.	2	10.00	7.50	6.00			2234
133	RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2251
134	CANYON DITCH CO.	2	5.54	4.16	3.32			2253
135	PIONEER IRRIG. DIST.	1	56.34	42.26	33.80	1321	1630	2267
136	H. E. WIMER	1	.392	.29	.24	1321		
137	B. P. WEAVERLING	1	1.76	1.32	1.06	1323	1631	
137A	ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20			2269
138	WESLEY A. MACE	1	.44	.33	.26	1323		2273
139	ISLAND HIGHLINE DITCH CO.	3	10.00	7.50	6.00	1323		

TABLE SHOWING DECREED RIGHTS (BRYAN DECREE) & FLOW IN SECOND FEET
AN APPROXIMATE AMOUNT
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 27

PRIORITY DATE	NAME	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
7-2-94	FARMERS UNION	54.46	40.85	32.68	2306	4071	4523
3-23-00	NEW YORK IRRIGATION DIST. BOISE KUNA IRRIG. DIST.	58.86	44.15	35.32	2341	4079	4538
12-14-03	UNITED STATES OF AMERICA	1354.58	1015.94	812.75	3154	4283	4877
4-1-05	PIONEER IRRIGATION DIST.	306.56	229.92	183.94	3338	4329	4953
4-1-05	FARMERS COOPERATIVE DITCH CO.	154.45	115.84	92.67	3430	4352	4992
4-1-05	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3434	4353	4993
4-1-08	PIONEER IRRIGATION DIST.	54.50	40.88	32.70	3466	4361	5007
6-1-09	UNITED STATES OF AMERICA	926.50	694.88	555.90	4022	4500	5239
4-1-10	RIVERSIDE IRRIGATION DIST.	63.78	47.84	38.27	4060	4509	5255
4-1-10	MCMANUS & TEATER	3.36	2.52	2.02	4062	4510	5255
*1-13-11	UNITED STATES OF AMERICA	8000.00	(ARROWROCK STORAGE)				13255
4-1-14	RIVERSIDE IRRIGATION DIST.	17.70					13273
7-9-14	PIONEER DIXIE DITCH CO.	20.90	15.68	12.54			13294

*FOR FURTHER INFORMATION SEE TEXT OF THIS REPORT, UNDER HEADING, "DECREE".

