

**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1976**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1976

(DATE FOR THIS REPORT GATHERED BY THE
WRITER WHILE ACTING IN THE CAPACITY OF
WATERMASTER OF THE BOISE RIVER.)

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

BY
HENRY KOELLING
WATERMASTER, BOISE RIVER

C H A R T S

1. Map of Boise River, showing canal diversions. (DELETED)
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. Summary chart in acre-feet showing monthly and total drain discharges for the irrigation season.
14. Chart 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.

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ORGANIZATION

The Advisory Board of Water District #63 convened at 9:00 A.M., January 12, 1976 in the Valley View Grange Hall, Ada County, Idaho.

The Watermaster's 1976 proposed budget for Water District #63 was presented to the Advisory Committee. The proposed budget was reviewed by the Committee and recommended to be approved by the water users.

The Annual Meeting of Water District #63 convened at 10:00 A.M., January 12, 1976 in the Valley View Grange Hall, Ada County, Idaho.

The budget was approved as presented. Mr. Henry Koelling was elected watermaster and authorized to hire a part-time secretary, and the necessary assistance to regulate the river. The following waterusers were elected to the Advisory Committee.

M. A. Watkins, Chairman
Ava J. Shoemaker, Executive Secretary
Henry Dalrymple
Carl German
W. S. Hall
James Klahr
Wendell Knight
L. C. Mace
Wayne Naugle
June S. Walters

Any other meetings during the year are held, subject to call by the Chairman of the Advisory Committee.

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

We take this opportunity to express our appreciation and gratitude for the assistance of the Department of Water Resource, and the Central Snake Office of the Bureau of Reclamation.

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 waters of the 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 the 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 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.

Chart 13 shows a monthly summary of discharges of the drains.

NET GAIN

Chart 14 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 I

Chart 14 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 I, 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 Section I and 2.

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This section of the river is operated without any regulation what so ever, but it is measured and recorded the same as Section I 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 Department of Water Administration.

TRANSFERS

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

STEWART DECREE

Chart 24 is a condensed table of the Stewart Decree.

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.a. 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 not necessary to begin canal regulations until July 1, the natural flow was exceptionally good.

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 NATURAL FLOW AND AVAILABLE WATER SUPPLY

The total natural flow for the calendar year of 1976 was acre feet, and for the irrigation year was 1,784 acre feet. Irrigation started in early April with nearly all canals running water by the end of April. The demand for water was extremely high in late June and all of July, with most canals using storage water. In early August we had a good rain and water demand decreased sharply. By mid-august demand was again at peak and remained there until September 13, when following a heave rain, demand again decreased sharply, and never returned for the balance of the year. The return flow to the river supplied the demand for Sections #2 and Section #3. After flood control releases were stopped on May 28, the river reached a peak flow of 13,732 cfs on May and the low was 106 cfs on 23 August. The irrigation season ended 15 October, and beginning 15 October 110 cfs Fish and Game storage water and 140 of the uncontracted space were released by order of the U. S. Bureau of Reclamation. Therefore, 250 cfs will be passing Diversion Dam until further notice from the Fish and Game or the U. S. Bureau of Reclamation, or until their storage is depleted, or such time as flood release may become necessary.

STORAGE WATER

As of December 31, 1976 there was 344,014 acre feet of water in Anderson Ranch Reservoir, 146,000 acre feet of water in Arrowrock Reservoir and 57,644 acre feet in Lucky Peak Reservoir. On December 31, 1976, 190 cfs was being released from Anderson Ranch Reservoir, 0 cfs from Arrowrock Reservoir, and 250 cfs from Lucky Peak Reservoir; and 250 cfs passing Diversion Dam. The Natural Flow of the Boise River on December 31, 1976 was 674 cfs.

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

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 low places along the river.

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

18. At the present time, 6500 cfs passing the Capital Blvd. Bridge in Boise is the maximum flow to prevent serious flooding downstream. Several years ago this amount of water caused little or no flooding. In March 1975 with a 5000 cfs flow passing Boise, some flooding was experienced, and as the flow increased, also the flooding. Every year the flooding seems to start at a smaller flow. It is my opinion that if some channel cleaning and debris removal is not started, then it is only a matter of time until we will be flooding some land in the Eagle Island area when passing the summer irrigation demand.

NATURAL FLOW OF 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	930	900	990	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
0	1650	1490	1450	1430	1370	1330	1280	1240	1220	1240	1210	1140	1040	1070	950	1100	1140	1280	39,300
10	720	720	620	1010	1280	1350	1430	1870	1870	1870	1350	1280	1510	1680	1770	1680	1680	1590	36,720
20	620	620	620	570	570	570	720	830	830	950	770	720	720	620	620	830	950	1010	25,260
30				550			550				550			550			550	550	17,050
40	2780	2980	2980	2980	2980	2980	2980	2980	2980	2780	2780	2780	2780	2060	1580	1340	1220	1220	80,300
50	2480	4120	3910	3520	2810	2330	2260	2180	2040	2040	2040	1680	1680	1680	1680	1680	1680	1680	62,710
60	1350	1430	1270	1270	1200	1200	1270	1310	1350	1310	1270	1240	1200	1200	1200	1130	1130	1200	39,720
70	900	900	1000	1080	1120	1080	1040	1000	970	900	830	830	830	830	760	695	830	1120	30,650
80	500	500	570	640	678	715	790	1020	1950	1680	1380	2400	4100	2990	2400	2010	1680	1570	40,880
																			62,000
																			25,200
90	810	810	810	810	810	1060	960	880	810	960	880	810	810	960	880	810	810	750	25,405
																			62,700
100	1070	1180	1240	1100	1100	1070	1070	1240	1140	1070	930	1040	1180	1180	1100	1070	1040	1100	33,595
110	1020	1220	1490	3030	2610	3090	3990	5460	5780	5460	4060	3210	2850	2490	2270	2110	1960	1860	69,080
																			40,300
120	1000	1000	965	870	810	870	1140	1210	810	700	700	650	1000	675	1000	1140	1210	1320	31,505
130	1100	1230	1380	1640	1660	1460	1420	1340	1230	1230	1200	1300	1420	1550	1550	1380	1300	1230	39,210
																			27,125
140	950	1150	1150	1080	1080	1220	1150	1080	1150	1220	1220	1220	1220	1220	1370	1300	1150	1220	35,598
150	930	930	900	990	900	930	930	930	930	930	930	770	730	930	990	1050	1110	1050	29,790
160	764	759	717	723	719	733	746	745	918	1067	973	946	975	908	889	869	836	849	24,965
170	677	662	603	595	498	590	498	590	590	682	780	673	861	867	864	777	877	777	23,814
180	1445	1621	1583	1527	1450	1480	1517	1437	1360	1207	1145	1201	1380	1603	1659	1506	1413	1355	56,914
190	798	820	801	787	929	1109	1118	1073	1011	1028	1116	1072	1015	928	868	851	779	758	25,266
200	651	692	747	880	1047	1096	1083	1014	1012	934	901	889	976	1211	2381	2491	2430	1984	33,264
210	1155	1048	1819	1935	1700	1477	2586	2347	2032	1360	1560	1338	1760	1820	1565	1578	1380	1757	56,211
220	797	927	802	728	1028	1028	802	878	908	1078	999	978	1078	1203	1013	1043	943	958	30,491
230	897	938	1020	919	934	991	987	933	859	865	777	1106	1021	1038	846	901	1041	554	31,047
240	661	662	673	883	881	843	761	698	675	670	683	797	743	857	814	996	983	876	24,477
250	716	575	625	601	652	656	816	669	719	737	768	775	947	879	815	960	782	1172	24,207
260	740	692	776	801	902	862	760	738	739	711	697	747	861	746	693	694	807	955	24,208
270	1334	1066	1052	1083	1063	1211	1069	1075	776	551	751	768	819	895	989	1273	1123	1106	31,350
280	1745	1882	2109	1887	1228	1224	1205	1725	2132	1874	1490	1601	1475	1592	1337	1077	1221	1221	45,013
290	588	977	787	852	785	854	789	791	730	695	765	766	629	629	876	820	821	745	23,345
300	859	779	706	804	604	599	645	605	587	683	589	615	666	677	814	810	820	795	22,389
310	745	660	541	794	759	652	648	534	592	650	897	845	913	695	675	826	706	749	22,407
320	644	446	487	501	645	727	771	743	620	578	526	480	387	486	560	676	683	636	19,306
330	635	677	654	636	831	653	735	752	747	721	735	808	684	613	721	873	617	663	21,963
340	817	930	1026	957	867	871	833	861	887	1021	1159	2056	2184	1636	1477	1421	1301	1279	39,840
350	930	705	861	887	1228	492	739	717	506	667	848	924	939	893	812	826	923	836	26,128
360	1029	801	922	782	798	811	718	737	805	695	613	638	617	582	417	429	418	411	22,306
370	633	608	709	684	697	692	717	679	629	449	549	644	654	604	654	709	657	710	18,784
380	1074	914	1075	1325	1310	1220	1240	1225	1060	1250	1568	1445	1195	1020	1125	1165	1258	1358	33,746
390	791	791	790	786	786	804	931	835	839	825	493	481	818	813	743	1066	1058	848	26,118
400	749	740	673	670	697	857	784	660	857	630	699	738	695	842	896	895	711	808	26,929

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1941	953	664	662	690	704	967	890	959	778	857	761	699	622	926	1026	929	927	878	884	888	89
1942	869	647	1027	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	731	1306	866	756	86
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1550	1636	1300	1110	1315	2010	217
1944	998	895	979	759	575	685	876	673	670	671	674	676	684	688	962	934	945	1042	827	824	82
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1305	1169	1052	1034	1035	704
1946	2583	2013	2128	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057	983	866	1214	1246	1157	1111	940
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052	788	753	786	733	1073	1245	1132
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842	940	948	964	827	872
1949	866	878	818	730	730	825	800	822	861	868	773	760	777	824	830	850	841	814	785	780	788
1950	642	735	654	772	509	644	848	894	903	955	952	708	558	884	624	760	832	706	767	1079	1300
1951	1130	993	1241	1259	997	1017	1000	748	949	1190	1294	1188	1361	1172	1120	1231	1404	1165	1058	1107	1050
1952	797	526	852	469	1008	989	898	1201	1046	936	1194	1463	1735	903	1285	1545	1618	581	1254	1132	974
1953	806	694	1346	785	691	810	1165	731	1103	1275	1657	1090	1736	2332	1738	1740	1662	2309	4391	3813	2852
1954	278	1799	1016	784	1240	1021	466	974	1062	995	586	662	975	897	824	955	1091	947	1096	1069	787
1955	851	805	705	550	786	1101	299	364	84	955	1198	1206	588	925	750	804	596	567	967	677	93
1956	3113	3390	1830	2272	2298	2506	1782	2126	1688	1674	1593	1851	1841	1843	2197	5154	2314	2822	3641	2838	3115
1957	863	943	1057	1163	325	911	694	290	1034	977	681	1008	707	1042	1493	595	1022	687	907	483	1087
1958	381	758	230	655	926	421	680	603	787	1170	1363	1120	910	853	1153	808	932	1216	750	553	546
1959	1244	1185	672	589	372	1161	1076	1210	1664	871	860	1010	1639	1733	1350	1523	1413	1010	1443	1033	1052
1960	924	626	635	758	616	548	1834	(-96)	1760	1156	666	959	1091	515	1082	428	688	489	758	598	682
1961	977	574	545	754	496	685	687	849	673	931	762	660	701	621	805	891	806	438	611	593	515
1962	685	742	484	817	841	841	1009	1377	1237	1495	853	786	1107	770	931	969	843	916	1002	988	596
1963	756	1107	1063	1052	910	681	401	732	619	921	663	347	276	367	498	881	780	1009	659	640	762
1964	847	803	1015	712	672	828	1147	836	670	579	748	788	775	634	544	866	770	934	991	1356	756
1965	3669	2725	2775	2824	2681	2701	2594	2336	1813	2160	2321	2011	1836	1893	1941	1557	1885	1872	1915	1721	2169
1966	1150	961	1047	889	1091	1367	1899	1720	1519	1259	1098	1108	818	1275	1010	1192	730	627	572	830	650
1967	715	739	1534	805	(-25)	900	871	604	968	673	621	544	809	896	988	998	870	986	767	932	1523
1968	893	830	664	549	664	923	766	582	648	1055	626	831	765	783	909	805	953	763	757	736	663
1969	816	1260	986	855	1114	1151	1545	1469	1561	1288	1139	1493	2041	1658	2298	2055	1759	1508	1293	1808	3639
1970	636	609	629	458	847	685	753	641	719	816	873	1274	1088	1102	1413	1537	1670	2488	2060	2677	2475
1971	1174	1037	825	958	791	653	937	1030	1535	1635	2007	1596	1574	1464	1548	2302	2584	3892	5749	5953	5901
1972	966	978	1213	789	609	1018	1056	1029	861	1170	1101	1240	1202	1001	932	1043	1043	1300	1976	1820	3121
1973	1068	789	1098	920	834	730	717	1068	872	833	1010	1264	1769	1090	1670	1256	2595	2621	1423	1830	1117
1974	1381	1035	688	944	1008	866	1291	948	1186	941	764	842	1168	1805	1475	2622	4977	5961	4164	4140	4098
1975	149	1237	630	601	820	1203	858	1217	933	802	873	819	1033	1143	924	387	1028	834	1031	1125	1015
1976	564	756	1124	1086	1531	474	1154	1084	1391	1320	943	1155	1457	1087	1166	1057	1450	1305	1131	1230	1205

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

JANUARY

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
599	622	926	1026	929	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
551	841	946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
337	1344	1519	1550	1636	1300	1110	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
676	684	688	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752	24,706
899	902	1300	1461	1305	1169	1052	1034	1035	704	830	739	663	816	806	737	774	772	684	876	28,135
920	878	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
033	1074	1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	914	920	987	908	30,182
1494	1005	866	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
760	777	824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
708	558	884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1238	1257	1186	1271	1019	833	31,601
1188	1361	1172	1120	1231	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	762	34,974
1463	1735	903	1285	1545	1618	581	1254	1132	974	966	1374	1249	1256	975	1502	1015	1079	1120	1379	34,321
1090	1736	2332	1738	1740	1662	2309	4391	3813	2852	2256	1732	1452	1546	1524	1085	1647	1698	1258	1544	50,468
662	975	897	824	955	1091	947	1096	1069	787	699	1242	1207	1259	990	1389	1001	1500	1635	1687	32,133
1206	588	925	750	804	596	567	967	677	93	720	731	1513	1082	728	753	416	686	783	1075	23,358
1851	1841	1843	2197	5154	2314	2822	3641	2838	3115	2743	2933	2913	2149	2064	2359	1564	2367	1434	1192	73,606
1008	707	1042	1493	595	1022	687	907	483	1087	1155	727	788	915	998	648	837	922	721	544	26,224
1120	910	853	1153	808	932	1216	750	553	546	781	895	1215	747	1095	396	1760	552	1399	1186	26,841
1010	1639	1733	1350	1523	1413	1010	1443	1033	1052	741	1286	1382	1687	1578	1356	1980	1390	1594	1129	38,233
959	1091	515	1082	428	688	489	758	598	682	924	1179	965	607	840	1051	800	753	987	1009	25,832
660	701	621	805	891	806	438	611	593	515	476	690	657	701	669	649	582	587	895	747	21,227
786	1107	770	931	969	843	916	1002	988	596	787	450	557	882	1069	887	910	912	732	802	27,277
347	276	367	498	881	780	1009	659	640	762	466	784	551	524	707	960	111	890	750	939	21,806
788	775	634	544	866	770	934	991	1356	756	797	798	842	1009	966	908	916	741	805	1032	26,085
2011	1836	1893	1941	1557	1885	1872	1915	1721	2169	1922	2085	2359	2173	1776	1996	2706	4124	6216	7442	80,198
1108	818	1275	1010	1192	730	627	572	830	650	550	1156	1053	1103	784	746	952	862	684	882	31,584
544	809	896	988	998	870	986	767	932	1523	2071	1748	1233	1114	1073	1309	1316	1312	1821	2081	32,796
831	765	783	909	805	953	763	757	736	663	776	1112	723	167	803	753	613	625	892	891	23,520
1493	2041	1658	2298	2055	1759	1508	1293	1808	3639	6256	5379	3263	3570	1948	2473	2556	2144	2287	1356	63,968
1274	1088	1102	1413	1537	1670	2488	2060	2677	2475	3784	4324	5054	4261	3990	4065	4557	3324	2713	2007	63,529
1596	1574	1464	1548	2302	2584	3892	5749	5953	5901	4915	4297	3687	3128	3406	2863	2777	2633	2445	2716	78,012
1240	1202	1001	932	1043	1043	1300	1976	1820	3121	5188	4295	2899	2478	2073	1943	1653	1624	1563	1318	50,502
1264	1769	1090	1670	1256	2595	2621	1423	1830	1117	948	826	994	1103	1252	999	901	1158	1031	1100	36,886
842	1168	1805	1475	2622	4977	5961	4164	4140	4098	3266	2490	2725	2449	2590	1846	2134	2101	1910	1681	65,496
819	1033	1143	924	387	1028	834	1031	1125	1015	1053	820	985	1015	1426	1663	1241	1119	966	157	29,667
1155	1457	1087	1166	1057	1450	1305	1131	1230	1205	983	898	1244	1387	1266	1166	1141	1375	1207	1206	35,543

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1100	1010	1100	1180	1070	1100	1180	1210	1180	1220
1896	1590	1350	1350	1070	1070	950	950	1070	1070	1070	1010	1070	1070	1010	1070	1070	1010	1010	1070	1070
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	1140	1140	1070	1070	1070	1010	1010	950	950	890
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	1580
1900	1780	1790	1790	1790	1680	1520	1570	1570	1680	1570	1460	1460	1460	1460	1460	1460	1360	1460	1460	1460
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	1200	1270	1270	1240	1350	2430	2120	1870	2180	2180
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	1900	1800	1560	1350	1310	1270	1350	1440	1390	1350
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	1110	945	865	1020	790	945	1110	1020	1020	1020
1904																				
1905																				
1906	810	780	780	810	750	780	780	810	810	810	810	880	920	960	1010	1160	1240	1280	1330	1310
1907								3540	3540	3420	3060	2950	2900	2840	2900	2900	2950	2900	2900	2840
1908			1240	1240	1180	1100	1100	1070	1070	1040	1000	1000	930	930	965	1070	1040	1040	965	1000
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	1440	1580	1960	1760	1760	2160	3400	2970	2610	2550
1910																				
1911	2450	2340	1680	1600	1740	1640	1370	1300	1230	1325	1410	1325	1370	1230	1170	1140	1060	1230	1230	1230
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550	1380	1340	1300	1260	1300	1460	1880	1780	1550
1913																				
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220	1080	1080	1080	1080	950	1020	1220	1220	1300
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990	930	930	820	730	820	930	1050	1110	1110
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206	1182	1106	1066	1057	1074	1109	1111	1159	1158
1917	684	684	690	690	880	800	783	793	783	695	695	948	857	857	857	765	800	972	923	917
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1355	1488	1493	1583	1594	1477	1432	1382	1486	1417
1919	697	732	802	835	811	814	832	855	858	847	1062	1351	1356	1203	938	927	995	992	973	943
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021	976	1041	999	977	1017	1073	1130	1099	1102
1921	1453	1262	1416	1230	1267	1178	1208	1199	1239	1270	1485	1215	1680	1900	2094	2933	2414	1311	1236	1465
1922	973	788	788	787	872	794	952	1152	1383	1197	1110	1014	889	731	670	753	1023	1101	1280	1233
1923	678	629	730	781	841	781	554	817	982	861	932	671	759	772	873	928	761	934	831	936
1924	838	983	1066	962	985	981	1008	2050	2445	1966	1336	1107	1307	1222	1178	1282	1356	1334	1266	1142
1925	1023	1213	2195	2895	5775	5859	5169	3846	2972	2088	1758	1638	1637	1778	1775	1608	1381	1443	1443	1558
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497	1354	1252	1056	1033	1017	1000	1031	1004	1020
1927	1097	1214	1499	1876	1976	2057	1826	1661	1759	1043	1010	1171	1343	1350	1369	1263	1436	1312	1481	1777
1928	1336	1297	1434	1444	1326	1591	1436	1611	1311	1447	1449	1324	1166	1475	1166	924	1188	1192	1452	1442
1929	762	1172	1146	977	1067	1047	867	614	614	705	737	508	750	794	823	866	843	996	1049	1078
1930	846	823	832	924	760	846	847	1094	1087	975	1055	971	969	881	1343	1488	1268	1405	1290	1163
1931	752	761	761	765	792	855	850	782	466	772	836	837	688	630	862	890	887	974	925	908
1932	645	600	801	529	492	498	659	655	683	810	653	569	549	436	431	543	466	468	489	534
1933	697	770	755	638	584	708	677	692	593	585	655	788	781	713	770	940	702	768	777	769
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506	1465	1324	1322	1316	1382	1463	1465	1314	1192
1935	828	868	945	933	970	1076	1156	1257	1038	774	924	917	918	928	883	753	781	922	934	1062
1936	524	657	606	689	787	661	686	598	557	557	708	728	1003	835	1042	608	776	1012	716	896
1937	700	730	674	796	723	654	682	678	678	671	723	723	670	795	715	870	875	865	786	709
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1159	1412	1505	1707	1486	1459	1443	1199	1189	1128	1201
1939	699	591	609	860	885	895	1003	785	775	764	793	1045	811	811	813	911	675	799	798	909
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439	1273	987	910	1329	1058	947	1047	953	840

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

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
110	1070	1070	1010	1010	1070	1070	1070	1140	1140	1140	1210	1210	1280	1770	1870			33,830
170	1070	1010	1010	950	950	890	830	890	890	890	830	770	770	830				27,620
230			1750				1400				1400			1750				33,600
340	1460	1460	1580	1580	1580	1580	1460	1460	1340	1220	1220	1340	1460	1460				39,320
460	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
1020	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
987	910	1329	1058	947	1047	953	840	818	837	949	1051	1048	1246	2085	4011	4878		37,862

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041	1151
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	739	753
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944	2154
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	979	842
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396	1329
1946	1095	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956	1237
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145	1786
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227	1411
1949	682	929	852	933	842	855	943	876	787	694	698	792	700	454	754	841	611	739	1165	1074
1950	833	747	675	1415	1134	1344	1272	1182	1266	1259	1091	990	1165	917	1112	1042	1205	1203	1206	1299
1951	757	835	945	1261	2238	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334	2198
1952	900	1761	2068	1884	1607	1436	1290	1465	1611	1470	1068	1341	1323	1272	920	1187	1743	1714	1215	1309
1953	1128	1301	1834	2664	2912	2320	2086	2300	1921	1772	1697	1535	1519	1505	1495	1324	1466	1309	1398	1550
1954	1567	1410	940	1367	1387	1208	1363	1399	1252	1425	1432	1654	2038	2230	2217	2103	1965	2003	1663	1665
1955	687	545	88	232	942	500	734	661	1374	1388	228	605	610	778	968	960	574	723	695	962
1956	1617	804	1201	1368	1774	1696	1694	3490	2463	4125	1644	3147	1764	1968	1561	1358	1573	1604	1311	1053
1957	8	805	1053	2156	1014	710	986	750	1026	94	1862	753	760	1173	1346	741	1229	945	1039	1073
1958	1213	807	598	1558	897	1182	1005	1034	1201	1098	1211	1217	1392	1937	2689	3463	4304	2500	2199	2982
1959	1284	1019	993	1129	1414	1258	1114	1242	1150	1043	1242	1174	1086	766	1262	1199	1714	1476	1570	1524
1960	793	887	1088	888	905	826	1402	1802	2714	2270	1409	1453	1146	1237	1005	950	890	1113	700	991
1961	1239	913	1003	812	1157	471	864	878	1158	778	1236	1711	1449	1363	946	1322	1324	1222	826	920
1962	758	726	887	886	1034	900	932	1233	948	1226	1746	1874	2337	2535	2174	2248	1836	1814	1640	1552
1963	1684	6541	4042	6708	5525	4627	3771	3176	2849	2478	2312	2005	1830	1691	1816	1662	1636	1489	1593	1683
1964	948	838	1200	895	668	748	821	646	818	1225	804	653	920	1042	850	903	1205	527	1116	963
1965	7577	5853	4996	4606	4135	3991	3561	3300	3321	3318	2744	2403	2622	2878	2756	2401	2286	2403	2484	2433
1966	938	834	785	624	544	1038	889	894	832	918	779	700	929	828	679	682	804	955	1211	667
1967	1920	1593	1297	1383	1396	950	1258	917	1021	1040	1021	1046	1032	1019	1081	1032	954	995	876	1241
1968	930	491	1007	1035	960	503	839	792	685	672	957	847	448	1239	975	822	701	941	1596	1962
1969	2275	1265	1519	1572	1360	1461	1456	1514	1521	1633	1418	1489	1618	1781	1628	1640	1556	1195	1396	1821
1970	2083	2080	1706	1698	1484	1460	1332	1451	1335	1417	1542	1628	2003	2223	2006	1844	2072	2284	2120	1961
1971	2968	3499	3467	3321	3237	2653	2294	2417	2424	2442	2947	3145	2451	3610	3339	3720	3365	3390	3393	3622
1972	1171	1426	1187	1021	1706	1524	1227	1490	1358	1317	1272	1134	1374	841	1453	1554	1558	1627	2054	1804
1973	1078	927	659	996	1393	1152	1066	953	1060	723	1150	1231	1043	1005	932	885	718	1195	1445	500
1974	2267	1693	1808	1814	1796	1491	1357	1351	1136	1587	1506	1660	1527	1625	1515	1101	1963	1798	1823	2357
1975	1085	703	891	1222	1085	820	948	840	1083	1162	1246	980	1928	1987	1084	912	1621	1508	971	1406
1976	1298	1207	1653	1582	921	1715	911	1244	1669	758	1400	1107	1310	1178	1233	1509	1468	1452	1318	1497

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

FEBRUARY

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
23	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
97	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
546	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
306	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,904
059	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
112	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	1030	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
3339	3720	3365	3390	3393	3622	2493	3032	2891	2755	2953	2658	2458	2716				83,660
1453	1554	1558	1627	2054	1804	1546	1496	2404	2338	2130	2039	2297	2285	5280			50,513
932	885	718	1195	1445	500	923	949	927	1073	1220	1288	1127	1467				29,085
1515	1101	1963	1798	1823	2357	1773	1432	864	1873	1592	1624	1590	1547				45,470
1084	912	1621	1508	971	1406	1125	938	664	1197	1094	1022	1120	1287				31,929
1233	1509	1468	1452	1312	1497	841	1539	1134	1146	1310	1270	1373	1160	1723			37,926

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	20
1895	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	1640	1610	1550	1490	1410	1370	1350	1370	1390	1390
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	1280	1280	1350	1350	1350	1350	1280	1350	1350	1590
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	1010	890	770	890	890	890	1090	1070	1010	950
1898	1750	1920	1920	1920	2260	2430	2430	2260	2260	2430	2770	2610	2430	1920	2090	1920	1750	1750	1750	1750
1899	1580	1580	1580	1580	1460	1460	1460	1460	1340	1340	1340	1400	1400	1340	1340	1340	1340	1580	1940	2060
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	4810	5990	5990	5860	5860	6120	6120	6390	6390	6120
1901	3930	4600	4270	3930	3060	2880	3260	3260	2880	2720	2640	2430	2180	2180	2180	2180	2570	2570	2570	2720
1902	1700	1610	1520	1480	1440	1440	1440	1440	1440	1420	1420	1390	1390	1350	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	1680
1904	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	5320	4890	4480	4090	3900	3540	3720	3900	4890	4680
1905																		1930	1850	1660
1906	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1430	1390	1350	1280	1160	880	750	810	880	1060
1907	3670	3060	3060	3000	2950	4550	4340	4480	4410	4200	4060	3930	3740	3480	3540	3670	3540	6220	10600	10800
1908	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1070	1210	1360	1560	2780	3950	3810	4940	4100	3270
1909	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2550	2610	2610	2850	3210	3780	4130	4130	3990	4130
1910	3360	5500	6700	6700	7170	6850	6550	6700	6700	6700	6850	7170	7490	8450	8770	9250	9890	10400	11800	15200
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	1495	1540	1540	1640	1895	2170	2555	2670	2980	3370
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	1230	1230	1230	1340	1380	1500	1460	1420	1380	1380
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	2140	2140	1840	1670	1500	1500	1500	1670	1670	1500
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	3220	3300	3520	3750	3830	4340	4730	5120	5530	5180
1915	1062	992	998	1060	1019	1009	1000	936	962	955	1093	1195	1186	1224	1206	1295	1379	1283	1540	1669
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	2600	3064	3552	3443	3345	3506	4057	4521	4902	5657
1917	1038	913	914	1006	1036	916	997	990	987	944	904	944	812	905	866	887	826	865	848	926
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	1700	1645	1744	1699	1758	2397	2209	2118	2637	2705
1919	1186	1278	1385	1290	1154	1178	1171	1163	1010	948	967	1069	1080	1063	1035	1123	1195	1138	1135	1280
1920	911	1059	1097	1107	1206	1059	1128	1022	1080	1171	1260	1257	1293	1490	1569	1470	1534	1444	1393	1342
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	3755	4010	4085	3895	4426	4168	4550	4450	5725	5346
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	889	917	990	725	485	777	1255	1822	2246	2395
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1083	962	1182	1242	1158	1014	1033	1057	1140	1122	1064
1924	1117	952	1202	1267	1155	1101	1113	1150	1093	1008	1106	1179	1044	1078	1016	974	969	958	964	964
1925	1718	1562	1671	1765	1930	2758	3451	3358	2995	2556	2114	2019	1995	1789	1790	1844	1983	1983	1988	2033
1926	1202	1301	1387	1487	1756	1725	1529	1619	1608	1688	1803	1666	1828	2490	2728	3083	3576	3135	2939	2805
1927	2493	2223	2479	2247	2925	2976	3333	3208	3065	3030	2588	2738	2436	3034	3845	3190	2992	3011	2748	2705
1928	1492	1361	1249	1366	1406	1406	1188	1707	1925	2706	3087	5849	4691	3988	3537	3243	3177	3458	3830	4490
1929	771	936	822	1150	1060	1102	1144	1245	1350	773	2902	2616	1838	1654	1582	1654	1735	1856	1860	1920
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045	1117	1113	1261	1479	1637	1565	1670	1653	1705
1931	678	658	830	917	838	866	863	725	836	964	906	1008	1288	1209	1220	1385	1416	1527	2571	2553
1932	1428	1349	1203	1001	797	936	968	772	612	587	523	425	1519	1339	1478	1533	1501	1836	4216	8578
1933	818	792	761	748	752	687	696	700	731	826	824	836	1117	1000	1002	1074	1221	1313	1257	1273
1934	1277	1437	1573	1798	1855	1797	1802	1685	1658	1644	1619	1710	1857	2141	2312	2658	2822	2573	2352	2330
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847	1094	1118	1364	1774	1797	1687	1588	1616	1413
1936	1060	1113	1325	1444	1573	1415	1504	1561	1549	1628	1656	1581	1767	1654	1434	1293	1444	1398	1468	1722
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089	1490	1505	1632	1906	2266	2159	2510	2013	1649
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239	2307	3039	3496	3291	3826	4726	4586	4644	4468
1939	860	775	908	1023	1004	1017	906	878	986	869	1097	1130	1378	1424	1283	1105	1621	1981	2445	3140
1940	4175	3300	2919	2488	2269	2210	1929	2065	2602	2525	2309	2061	1760	1737	1933	1711	1738	1859	2078	2107

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

MARCH

	4	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 ¹	31	TOTAL
30	1410	1370	1350	1370	1390	1390	1390	1390	1390	1390	1430	1550	1740	2060	3000	3430	2860	2590	51,590
50	1350	1350	1280	1350	1350	1590	2430	2970	3120	4100	4100	6490	8260	6810	6190	4100	3930	78,780	
90	890	890	1090	1070	1010	950	950	1010	1210	1510	1870	3120	3430	3120	2970	2690	2430	44,000	
20	2090	1920	1750	1750	1750	1750	1920	1750	1580	1400	1400	1400	1400	1400	1580	1750	1750	59,640	
40	1340	1340	1340	1580	1940	2060	2060	1820	1820	1940	3760	2130	2580	2780	2780	2780	2580	56,950	
60	5860	6120	6120	6390	6390	6120	6120	6120	6660	6660	6660	6920	6660	5330	5330	5060	5060	152,610	
80	2180	2180	2570	2570	2570	2720	2880	3930	3480	3060	3060	2640	2570	2430	2240	2180	2180	89,660	
150	1350	1350	1350	1350	1350	1350	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	44,460	
170	1570	1570	1570	1570	1620	1680	1680	1900	2010	2400	3340	3520	4100	4750	5970	7900	8070	71,680	
190	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	
280	1160	880	750	810	880	1060	1160	1240	1350	1490	2250	2840	3180	3180	3360	3480	4130	50,550	
480	3540	3670	3540	6220	10600	10800	11300	9990	8630	7910	7430	6740	6300	6070	5920	5770	5700	173,060	
560	2780	3950	3810	4940	4100	3270	3020	2840	2780	2900	3200	3020	2960	2720	2560	3020	2620	70,565	
850	3210	3780	4130	4130	3990	4130	3850	3850	4060	4130	4550	4840	3780	6280	6700	6450	6620	114,420	
450	8770	9250	9890	10400	11800	15200	15600	16600	16100	12100	10800	10200	9250	9090	8770	8450	8290	283,450	
640	1895	2170	2555	2670	2980	3370	3910	4200	4800	4800	4350	3840	3665	3500	3630	4500	4050	79,785	
340	1380	1500	1460	1420	1380	1380	1290	1300	1420	1600	1730	2030	2480	2970	3360	3230	3130	49,790	
670	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	4330	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	1588	1616	1413	1528	1418	1397	1234	1386	1433	1364	1349	1449	1709	1926	41,575	
1654	1434	1293	1444	1398	1468	1722	2304	2481	2260	2057	1858	1681	1624	1668	1624	1491	1393	50,030	
1632	1906	2266	2159	2510	2013	1649	1577	1462	1428	1285	1321	1402	1473	1493	1600	1723	1755	44,935	
3496	3291	3826	4726	4586	4644	4468	3838	3471	3509	3305	3402	2310	3581	3347	3439	3194	2840	95,513	
1424	1283	1105	1621	1981	2445	3140	3413	3878	4466	4809	5842	6017	5680	5766	5652	5231	5563	82,147	
1737	1933	1711	1738	1859	2078	2107	2227	2467	2746	3117	3521	5356	9146	8989	6379	5321	5712	100,756	

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1688	1527	1468	1432	1411	1414
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606	2820	2026
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446	1399	1366
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304	1172	1532
1946	1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2803	4144	5164
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387	4397	4613
1948	1087	1173	1121	1097	922	930	1157	899	1004	1343	6	1792	844	1088	1059	1126	1219	1228	1032	1160	913
1949	1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890	2995	3221	3356
1950	2648	2360	2377	2328	2154	2617	2476	2333	2225	2257	1929	1680	1486	1625	1605	1512	2191	3900	4785	3688	3185
1951	1594	1634	1469	1610	2029	1084	1520	1410	995	1322	1138	1463	1318	1359	1491	2022	1928	1587	1619	1817	1817
1952	1277	1325	916	1270	951	864	750	1289	1202	1187	1575	791	1219	743	1238	1622	918	1949	1592	1521	1790
1953	1424	1403	1427	1098	1399	1165	1524	976	1628	1672	1846	1871	2153	1965	1655	1796	1786	1337	1783	1997	1830
1954	1661	1596	1350	1774	1518	1621	1704	1870	3903	5830	5157	3972	3487	2794	2687	2351	2465	2141	2149	2119	2038
1955	1238	855	810	771	689	852	1053	825	1073	1090	911	753	703	859	801	639	1005	622	1032	895	697
1956	2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	2094	534	1473	1789	1575	1532	2794	2508	3242	3040	4132
1957	4123	3591	3195	2692	2752	2847	2741	2633	3376	3824	3272	3425	3264	2610	2484	2356	2937	2692	2435	2677	3212
1958	2711	2292	1534	2014	1587	1821	1427	462	1364	2007	1669	1533	1372	1187	1512	1592	1702	1615	1484	966	1708
1959	1347	1226	1556	1529	1516	1240	1499	1195	1614	1165	1314	1190	1181	1213	1124	1261	1144	1179	1514	1398	1351
1960	542	205	1006	804	1774	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	1605	2169	2912
1961	1077	866	1028	766	1007	951	920	802	721	1030	889	760	1072	1030	1201	1853	1979	1822	1679	1707	1843
1962	1049	1197	1208	1224	1313	1182	1182	1263	1223	1064	1227	919	1145	1117	1013	1035	840	1013	1065	1408	1448
1963	1852	1424	1539	1426	1257	1316	1275	1289	1294	1300	1230	1406	1289	1145	1097	1202	1178	1097	975	1174	1040
1964	1148	1300	1086	826	1021	1092	1000	921	880	942	914	991	952	976	930	898	898	1053	1260	1057	1249
1965	3363	2531	2886	3330	1915	2782	2927	2909	3201	3372	3686	3471	3449	3504	3260	3404	3249	3515	3263	3161	3016
1966	555	813	847	590	725	849	933	1013	1145	1359	1364	1367	1525	2089	2286	1956	1964	1501	1398	1306	1606
1967	1299	1011	1084	1049	1057	1168	934	961	1182	1046	1284	890	1234	966	1046	1143	864	1245	1477	1530	1035
1968	2792	2245	2276	2332	2344	2513	2468	2299	1915	2064	1796	1706	1724	1624	1721	1572	1751	1617	1471	1440	1393
1969	1374	1522	1779	1495	1472	1668	1809	1314	1739	1442	1300	1354	1404	1549	1825	1505	1678	1997	1933	2171	2118
1970	2210	2691	2439	2294	2009	1906	1858	2071	2538	2599	2349	2348	2168	2155	2372	2781	2896	2599	2411	2258	2199
1971	2484	2082	2103	2397	2444	1473	2801	2055	2065	2089	2405	2602	3113	3489	3290	3062	2817	2738	2474	2389	2693
1972	6302	4985	6083	7300	5401	5092	4896	4989	4829	5325	6749	8216	8522	9120	8603	8486	8855	9585	10958	10511	8869
1973	1461	1947	1516	1502	1552	1347	1302	1335	1307	1204	1570	1453	1176	1243	1248	1031	1220	1647	1470	1176	1452
1974	1611	1318	3388	1547	2006	2176	2417	2267	1439	2552	2520	1985	3351	3450	3187	3031	4072	5467	6791	5707	5690
1975	1517	1726	2300	2284	1987	2254	1965	1971	3579	2132	2855	2320	2139	1980	1664	2129	2155	2100	2411	3389	3054
1976	2034	1729	1324	1304	1249	899	1409	1505	1706	1421	1526	1536	1545	1304	2240	1929	1815	1599	2117	2189	1895

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

MARCH

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1372	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
1652	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
2525	3825	3899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
1174	1248	1012	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
1426	1746	1707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
4148	4131	3566	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
2114	2004	2490	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
844	1088	1059	1126	1219	1228	1032	1160	913	1061	1117	1133	1514	1383	1382	1209	1543	2076	2080	36,698
1977	2164	2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
1486	1625	1605	1512	2191	3900	4785	3688	3185	3006	2879	2728	2773	2855	2715	2572	2294	1968	2237	77,388
1318	1359	1491	2022	1928	1587	1619	1817	1817	2533	2601	2395	2538	3130	2173	4188	3971	3203	3578	62,536
1219	743	1238	1622	918	1949	1592	1521	1790	1934	1937	1186	670	2625	2871	3377	3221	3833	3867	51,510
2153	1965	1655	1796	1786	1337	1783	1997	1830	1830	1680	1877	2659	2967	2939	2966	3408	3928	5376	63,365
3487	2794	2687	2351	2465	2141	2149	2119	2038	2091	1880	1993	2050	1942	2093	2397	2149	2100	2036	74,918
703	859	801	639	1005	622	1032	895	697	766	1108	680	593	1318	999	678	715	1696	1244	27,970
1473	1789	1575	1532	2794	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7904	6699	6295	6332	114,129
3264	2610	2484	2356	2937	2692	2435	2677	3212	2855	2313	5227	3828	2810	2730	2830	2819	3563	4933	97,046
1372	1187	1512	1592	1702	1615	1484	966	1708	2745	3029	2485	3276	3070	2627	2901	3040	2648	2967	62,347
1181	1213	1124	1261	1144	1179	1514	1398	1351	1438	1455	1532	2174	1729	1953	1914	1953	2119	2248	46,271
1393	1295	1246	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415
1072	1030	1201	1853	1979	1822	1679	1707	1843	1771	1679	2573	2414	2072	2459	1909	1971	1713	2051	45,615
1145	1117	1013	1035	840	1013	1065	1488	1448	1494	1697	1184	1420	1506	1866	1960	2057	2053	2084	41,536
1289	1145	1097	1202	1178	1097	975	1174	1040	1268	1551	1550	1465	1341	1408	2060	3680	2616	2208	45,952
952	976	930	898	898	1053	1260	1057	1249	1406	1255	1053	1190	1462	1286	1259	1359	1600	2345	35,609
3449	3504	3260	3404	3249	3515	3263	3161	3016	2638	2899	2694	2360	2705	2885	2521	2452	2597	2820	92,765
1525	2089	2286	1956	1964	1501	1398	1306	1606	1264	1195	1153	1196	1393	1945	2708	3152	3641	4142	48,980
1234	966	1046	1143	864	1245	1477	1530	1035	1890	1650	1919	2011	1734	1842	1742	1882	2077	1538	41,790
1724	1624	1721	1572	1751	1617	1471	1440	1393	1427	1489	1786	1871	2159	2044	1644	1850	1935	2378	59,646
1404	1549	1825	1505	1678	1997	1933	2171	2118	2150	2522	3004	2684	2974	3391	4205	4209	5775	6602	71,964
2168	2155	2372	2781	2896	2599	2411	2258	2199	2271	2312	2269	2611	2713	2642	2546	2636	2839	2460	74,510
3113	3489	3290	3062	2817	2738	2474	2389	2693	2912	3301	3964	4499	5083	6644	6828	6589	6178	6684	105,747
8522	9120	8603	8486	8855	9585	10958	10511	8869	8433	8962	9833	8996	7690	5841	5521	5227	4724	4390	223,233
1176	1243	1248	1031	1220	1647	1470	1176	1452	1377	1530	1484	1892	1771	2001	1993	1827	1767	1659	46,460
3351	3450	3187	3031	4072	5467	6791	5707	5690	5008	4136	5181	5086	5361	6178	7088	8492	8094	9297	129,893
2139	1980	1664	2129	2155	2100	2411	3389	3054	2624	2808	2525	2811	3214	2326	2342	1736	1835	2745	72,877
1545	1304	2240	1929	1815	1599	2117	2189	1895	1894	1393	1968	2428	1992	1638	1976	2184	1658	2214	54,120

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1895	2470	2350	2460	2560	2330	2210	2120	2250	2520	2830	3020	3240	3510	3680	3850	4020	4200	4370	4510	4680	4
1896	3760	2970	2830	2830	2970	2970	4100	4470	3760	4890	3930	3930	6810	11000	7150	6190	5910	4890	4470	3930	3
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	5510	56
1899	2780	2980	2980	3170	3760	3760	3760	4580	5580	7000	7600	8320	8140	7450	7300	10170	8500	8690	7000	6700	67
1900	5060	6660	7450	6920	6660	7180	7720	7450	6650	6660	5860	6390	7180	6120	5600	6120	5860	6120	6120	6120	61
1901	2070	2240	2430	2360	2300	2300	2300	2300	2360	2720	3460	4380	5050	5720	5500	5050	5280	5500	6170	6840	684
1902	1390	1850	1930	2460	2460	2460	3365	4160	3030	2590	2590	2660	2660	2590	2730	3740	4160	5500	5950	6400	550
1903	7110	6520	5710	5710	5220	5220	5220	4310	4530	7740	6810	5710	4980	5220	5340	5710	6240	6520	6660	6810	774
1904	4090	4090	4480	5320	5770	6010	5770	5890	6760	10400	11500	13700	15500	18000	19700	17800	16400	15400	17200	18000	15400
1905	1650	1710	1750	1840	1970	2320	2810	2920	3050	2810	2570	2470	2570	2490	2490	2660	2820	2710	2980	3380	3380
1906	4550	3670	3240	3060	2900	3540	4340	5110	5250	5620	4830	4620	4760	4830	5470	6070	6300	6370	6440	6520	7430
1907	6520	6670	6970	7040	7270	7350	7510	8230	9030	11600	11600	13680	14600	15600	17000	16000	14500	13600	12300	11300	11400
1908	2190	2190	2290	2500	3140	2900	2780	2800	3140	5180	5580	6780	8670	7950	7770	8760	8040	7950	8850	9600	10100
1909	6650	7450	8200	7550	7100	6400	5900	5900	5600	6600	6550	6450	7150	8000	8450	9000	9150	9150	9050	8750	8450
1910	8290	8290	8930	8450	8450	8450	8610	8930	9890	10500	11500	12000	11800	11200	10500	10000	10000	10000	10200	10800	10500
1911	6150	6560	6550	6100	5750	5280	4970	4520	4790	5050	4750	4280	4120	3890	3780	3630	3750	4300	4430	4410	4250
1912	3230	3770	4740	5300	5280	4090	5060	6100	7200	8070	7870	7360	6560	5780	5600	5280	5240	5530	5350	5240	4970
1913	4640	4300	3840	3370	3730	4110	4050	3990	4230	4600	5280	5980	6980	7710	8310	7440	6900	7490	7910	7520	8100
1914	2690	2920	3260	4140	6260	7270	7360	7760	7840	8420	8500	8100	8510	8750	9650	11300	10100	9250	8870	8800	8900
1915	1975	2230	2616	2764	2684	2821	2763	2591	2640	2677	2799	2997	3574	3719	3501	3663	4073	4056	4108	4130	4300
1916	5108	5908	6338	6649	6947	6649	6611	7382	7735	8918	11761	11644	10551	10410	10620	10490	9840	9550	8500	7540	7470
1917	1538	1386	1557	1500	1522	2002	2515	3849	2374	3735	3881	4131	6451	4496	3948	3509	3093	2976	2850	3091	3701
1918	6402	6266	6621	5948	4910	4575	4018	4595	4356	4985	7036	7100	6877	6838	6577	6063	5537	5144	3862	4145	4422
1919	5805	6183	6303	7518	8333	7507	6650	5390	4657	4320	4467	4513	4483	4467	4267	4022	4083	4226	5155	5903	6490
1920	1549	1628	1531	1432	1533	1963	2111	2495	2798	3230	3602	3889	4069	4230	4214	4248	3943	3558	3452	3535	3694
1921	4960	5767	7327	8583	6136	7996	5956	5193	4763	4887	6514	5327	7017	8340	7536	6612	6002	6002	6172	6725	7155
1922	3260	2589	2775	4554	4485	4692	4458	6294	6242	5026	5028	3849	3758	3457	3506	3305	2840	2585	2630	3265	3935
1923	4206	4488	4476	4386	3861	3958	4326	3854	3633	3645	3874	5255	4705	4777	4548	4905	6311	6805	6347	6092	5045
1924	933	944	962	1132	962	1056	1305	1922	2506	2714	2762	2722	2699	3378	3415	2745	2250	2191	2015	2144	2124
1925	5595	5335	5480	5275	7895	7885	7895	7900	8830	10400	11355	13050	14200	12950	11335	11440	11755	12275	10665	8930	7786
1926	1991	1761	1894	1767	2703	1455	2316	2702	3180	3300	3319	3344	3483	4083	4321	4867	5381	5802	5848	6001	5862
1927	4414	5958	5366	4815	3911	4505	4553	5268	5579	5238	4703	4550	3980	4218	4603	4980	4937	5057	4629	4715	4181
1928	5834	5406	5252	4751	4587	4407	3818	3809	3590	3952	3737	4216	3607	3977	3797	4053	4198	4445	4659	4221	4380
1929	1871	1829	1951	2290	2609	2587	2202	2149	1920	1688	1726	1702	1558	1562	2046	2219	2552	3065	3471	4107	4235
1930	2581	3183	2944	3242	3610	4160	5125	5379	5540	5662	5685	5631	5525	5481	5290	4418	3885	3774	3343	3349	3400
1931	2199	3177	3354	2629	2470	2533	2709	3256	3326	3115	3192	3072	3206	3540	3143	2972	3083	3119	3354	2833	3070
1932	3195	3973	4861	5209	4783	4470	4032	4038	4045	4011	4576	5694	7652	8697	9076	8305	8060	6727	6413	6664	6338
1933	1590	1914	2492	3599	3806	3357	3080	2669	2455	1864	1512	1407	1486	1487	1809	2471	3328	3477	3250	3663	4220
1934	4654	4001	3629	3525	3291	2945	3039	3299	3634	3548	4155	4344	4924	5274	5156	4687	4476	3941	4048	3958	4144
1935	1763	1721	1651	1964	2515	2513	2285	3268	4057	4412	4198	4443	4871	5695	6446	8138	7767	6191	5524	6063	7305
1936	1390	1325	1255	1342	1284	1257	1301	1543	2409	3573	4529	6748	8620	10535	11125	13522	12154	15960	18600	18270	17980
1937	2008	2800	3385	2295	2160	1990	1889	1776	1642	1960	1960	1988	2287	4490	5662	7167	5220	4422	3785	3810	4022
1938	2807	2545	3270	2989	3119	3515	3893	4296	4548	4828	5365	5802	6088	6436	6674	7394	7848	8938	12800	14070	12825
1939	5941	6390	6610	6985	6927	6185	5572	5178	5441	4937	4823	4697	4700	4359	4117	3946	4252	4451	4701	5133	5708
1940	9288	8136	6835	5923	5711	5180	4692	4636	4581	4810	4623	4422	4762	5769	6669	6698	6023	5786	5661	6661	6781

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

APRIL

CHART NO. 2

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
510	3680	3850	4020	4200	4370	4510	4680	4890	4470	4890	5380	5910	6810	6490	6840	6220	6490		121,570
5810	11000	7150	6190	5910	4890	4470	3930	3760	4890	5130	5130	5910	7150	5640	5380	5640	5130		147,520
7880	8660	14300	19000	26200	27000	29500													238,000
3800	5170	5510	6020	6360	6360	5510	5510	5680	5580	5680	5680	5850	6540	6540	6540	6360	6190		125,850
8140	7450	7300	10170	8500	8690	7000	6700	6700	7960	10910	13130	11280	11650	9060	7960	7300	6700		212,870
7180	6120	5600	6120	5860	6120	6120	6120	6120	6120	6120	6120	6120	5860	5860	5860	5860	6120		190,060
5050	5720	5500	5050	5280	5500	6170	6840	6840	7180	7740	8640	7850	8080	7290	7070	7520	8410		152,950
2660	2590	2730	3740	4160	5500	5950	6400	5500	5050	4600	4160	3840	3940	3940	3740	3550	3740		106,735
4980	5220	5340	5710	6240	6520	6660	6810	7740	11500	11000	11500	12100	13300	12700	10500	8410	8070		224,110
5500	18000	19700	17800	16400	15400	17200	18000	15400	12200	10100	9120	9120	11100	13600	11800	11100	10600		335,920
2570	2490	2490	2660	2820	2710	2980	3380	3380	3320	3540	3540	3950	4410	4570	4070	3760	3590		88,100
4760	4830	5470	6070	6300	6370	6440	6520	7430	8070	8550	7830	7430	6520	6300	6220	6520	6600		168,960
14600	15600	17000	16000	14500	13600	12300	11300	11400	11400	12500	12500	12500	12100	11900	11500	11300	11300		336,770
8670	7950	7770	8760	8040	7950	8850	9600	10100	10600	9900	8940	7940	7590	7140	6690	6510	6690		191,160
7150	8000	8450	9000	9150	9150	9050	8750	8450	8000	8200	8350	8000	9400	10500	10200	9000	7460		236,610
11800	11200	10500	10000	10000	10000	10200	10800	10500	10400	10500	10500	11000	11300	11500	11300	11000	10200		304,990
4120	3890	3780	3630	3750	4300	4430	4410	4250	4280	4620	5330	6500	8200	8500	8300	7640	7300		161,980
6560	5780	5600	5280	5240	5530	5350	5240	4970	4970	4800	4900	5780	5760	5740	6000	6440	8450		170,460
6980	7710	8310	7440	6900	7490	7910	7520	8100	8670	7650	6790	6430	7140	7870	8290	7430	6730		187,480
8510	8750	9650	11300	10100	9250	8870	8800	8900	9490	9590	9360	9300	7970	8070	7840	7630	6620		234,520
3574	3719	3501	3663	4073	4056	4108	4130	4300	4090	3728	3387	3212	3296	3292	3357	3493	3743		98,279
10551	10410	10620	10490	9840	9550	8500	7540	7470	7660	7490	9450	11390	13460	14960	14020	12050	10430		277,531
6451	4496	3948	3509	3093	2976	2850	3091	3701	5092	5900	7547	8193	9086	9314	9990	7615	6699		133,541
6877	6838	6577	6063	5537	5144	3862	4145	4422	4966	5569	6797	7647	7167	6552	6124	5937	5984		173,020
4483	4467	4267	4022	4083	4226	5155	5903	6490	6946	7273	8021	9470	10433	10516	10355	10215	9956		197,927
4069	4230	4214	4248	3943	3558	3452	3535	3694	3728	3664	3246	2931	2893	3152	3518	4078	4608		94,522
7017	8340	7536	6612	6002	6002	6172	6725	7155	7138	7674	8104	7287	6537	5830	6050	6402	7250		197,242
3758	3457	3506	3305	2840	2585	2630	3265	3935	5425	7240	8120	8815	8870	9270	9976	10412	9160		159,821
4705	4777	4548	4905	6311	6805	6347	6092	5045	4455	3962	3538	2938	3222	3601	4610	5280	5760		136,863
2699	3378	3415	2745	2250	2191	2015	2144	2124	2476	2907	3094	2821	2761	2548	2741	2873	3123		68,225
14200	12950	11335	11440	11755	12275	10665	8930	7786	7050	6760	5857	5668	5365	5140	5220	5640	6000		250,931
3483	4083	4321	4867	5381	5802	5848	6001	5862	5023	4796	4214	3991	4071	4313	4525	4976	5103		116,392
3980	4218	4603	4980	4937	5057	4629	4715	4181	4286	4181	4808	6796	9970	13595	14317	14549	14555		187,217
3607	3977	3797	4053	4198	4445	4659	4221	4380	4232	3978	4641	5988	6929	10105	11480	10460	9495		158,004
1558	1562	2046	2219	2552	3065	3471	4107	4235	3966	3860	4207	4109	4013	4434	4832	5308	5551		89,619
5525	5481	5290	4418	3885	3774	3343	3349	3400	4141	4781	5185	6194	5909	5666	4546	4786	4674		137,089
3206	3540	3143	2972	3083	3119	3354	2833	3070	2981	2784	3070	2662	2521	2502	2601	2746	3367		88,586
7652	8697	9076	8305	8060	6727	6413	6664	6338	5443	4868	4325	4181	4438	5337	5997	6088	6507		168,003
1486	1487	1809	2471	3328	3477	3250	3663	4220	4186	4820	5649	6315	7220	8267	9084	9592	9602		119,671
4924	5274	5156	4687	4476	3941	4048	3958	4144	4688	4838	5466	4520	4964	4277	3896	3826	3677		124,824
4871	5695	6446	8138	7767	6191	5524	6063	7305	8311	7747	6145	5407	3092	5494	6314	6208	6221		149,729
8620	10535	11125	13522	12154	15960	18600	18270	17980	17140	18345	19790	17200	15155	13250	11980	10965	10250		288,797
2287	4490	5662	7167	5220	4422	3785	3810	4022	4497	3958	3501	3206	3345	4635	5338	4678	3803		103,679
6088	6436	6674	7394	7848	8938	12800	14070	12825	12541	13191	13278	13122	14180	14188	13469	13329	15202		252,550
4700	4359	4117	3946	4252	4451	4701	5133	5708	6149	6521	6366	6153	5456	5092	5044	5579	7046		164,459
4762	5769	6669	6698	6023	5786	5661	6661	6781	6276	5848	5853	5685	5717	6531	6620	6097	5647		177,921

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445	4460	6135
1946	6008	4982	4552	4717	4841	5216	6160	6164	6222	5847	5218	5919	7596	10219	12352	13581	14780	17389	18812	18660	15103
1947	4810	4145	4006	3747	3576	3468	3434	2289	3477	2684	2917	2808	3062	3230	4471	5632	6149	6379	6439	6284	6172
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6896	6096
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413	10308	8503
1950	2888	3787	4629	4125	4107	3895	4251	4659	5124	4670	5841	5821	6521	7418	7543	7141	8012	8713	9289	8968	9687
1951	3609	3674	4934	5892	7194	8634	9861	10722	10963	10360	10651	3941	9843	11541	11209	13094	10778	11159	11616	11612	10306
1952	3257	3410	3399	3712	4754	6669	8193	9277	7784	6989	6942	7143	8548	9935	11088	9967	10520	12544	14976	14725	12961
1953	4733	3869	3833	3881	4380	4107	4957	3346	3502	3669	2608	2514	2635	2480	1856	2836	2255	3181	3909	3531	6349
1954	1854	1675	1808	2259	3119	4933	5009	4438	4362	4339	3999	4072	4879	6936	7452	7233	7449	9296	10020	9628	8427
1955	1222	1007	1639	1090	1161	1218	1436	2087	2675	3028	3344	2583	1928	2156	1764	1674	1764	2184	2109	2192	1887
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497	14959	15071
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132	6122	6532
1958	2915	3061	3506	3911	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371	6712	7606	8555	9242	8944	8577
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5227	4912	4487	3814	3799	3649	3545
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182	4772	4571
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2297	2346	2087	3175	4469	4050	3214
1962	2688	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4455	5557	6996	8598	8570	8559	9027	10169	11343
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3959	4432	3516	3092	2913	3106	2831
1964	3694	4487	3919	3680	4020	4352	3938	3744	3812	4341	5212	5891	4233	3896	4063	4865	5505	4471	4524	4556	4945
1965	3160	4099	6098	5322	5339	5508	6152	6046	6034	6833	6161	5868	5878	6459	7256	8547	10007	9260	8789	12273	16365
1966	5060	5170	5575	4908	4200	3951	4352	4745	4953	5404	5750	4817	4292	3703	3933	3753	4559	4971	4464	3739	3487
1967	1866	1502	1505	1523	1774	2302	2053	2040	2234	2257	2718	2728	2741	2944	3155	2986	2738	2389	2321	3000	2460
1968	2511	2859	3177	2985	2942	3113	2833	2578	2321	2242	2397	3013	2950	2904	2723	2773	2597	2521	2261	2381	2223
1969	8134	8871	9402	10143	10081	11500	13417	11777	9706	9890	10362	11117	10887	11770	11006	10361	10181	10526	12042	11193	10447
1970	2516	2247	2370	2248	2249	2650	3545	4343	3952	4006	5127	4799	4166	3991	3672	3831	2937	2884	3038	3283	3045
1971	7027	6466	6414	6492	6755	7533	8465	9539	9507	9374	8938	7977	7229	7614	8612	9736	10380	9911	9406	10088	11573
1972	4902	4876	5204	6512	6586	7497	9010	9080	8002	7873	7222	7185	6841	6296	5404	5886	5793	5712	5269	5138	5195
1973	1799	1699	1676	1667	1989	2187	2358	2523	2156	2317	2424	2511	2871	4685	4343	4046	4007	4027	3557	3194	2803
1974	9015	8408	6921	6284	5769	5585	5958	6075	6606	7119	7068	7847	7990	7280	7634	8467	9193	10399	11991	13264	13754
1975	2173	1974	1949	2071	1843	2082	2165	1959	1822	2024	1973	1934	2310	3046	3614	3740	3715	3609	4515	4142	4679
1976	2396	2732	3458	3697	4169	5866	7155	7009	8668	10394	9143	9095	8789	8065	7908	7940	6883	5895	5782	5451	5685

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

APRIL

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
215	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
504	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
326	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		82,000
045	1985	2296	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	3729	3768	4622		101,184
1596	10219	12352	13581	14780	17389	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
3062	3230	4471	5632	6149	6379	6439	6284	6172	6318	6123	6001	5481	5356	5760	6190	6992	7300		144,700
2155	2437	2318	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
7761	5943	5790	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
6521	7418	7543	7141	8012	8713	9289	8968	9687	11164	11174	10063	7848	7196	6937	7247	6579	6012		201,309
9843	11541	11209	13034	10778	11159	11616	11612	10306	9734	8254	8001	8088	7476	7865	8281	11575	11017		278,484
8548	9935	11088	9967	10520	12544	14976	14725	12961	12931	13206	13984	17015	18667	22302	23429	21634	18984		338,945
2635	2480	1856	2836	2255	3181	3909	3531	6349	7202	9882	9941	10535	9020	9669	11656	12779	9568		164,683
4879	6936	7452	7233	7449	9296	10020	9628	8427	7933	8059	8101	8442	8974	8939	9397	9390	8438		190,860
1928	2156	1764	1674	1764	2184	2109	2192	1887	2528	3387	3314	2892	2590	2950	2668	2198	2241		64,916
9577	10213	11061	12390	13489	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13854	13131	11892		318,251
6591	6719	6943	6944	6696	6323	6132	6122	6532	6317	6556	6892	6880	6243	5500	5385	5949	7427		180,628
4066	5274	6371	6712	7606	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565		161,889
4861	5598	5227	4912	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025		138,367
7933	7136	6422	5500	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3885		179,494
2594	2392	2297	2346	2087	3175	4469	4050	3214	3265	3260	2072	2364	2358	2186	2368	2765	2835		86,032
4455	5557	6996	8598	8570	8559	9027	10169	11343	9548	8780	8620	9355	8675	8000	8306	8152	6612		203,928
2554	2882	3959	4432	3516	3092	2913	3106	2831	2487	2413	2531	2412	2571	2858	3276	3528	4028		90,149
4233	3896	4063	4865	5505	4471	4524	4556	4945	5258	5310	4826	3814	3665	3757	3326	3702	5277		131,083
5878	6459	7256	8547	10007	9260	8789	12273	16365	20258	20854	18531	17595	17086	16351	16794	16395	16772		312,090
4292	3703	3933	3753	4559	4971	4464	3739	3487	3107	2968	2830	2930	3267	3397	3332	3001	3533		124,151
2741	2944	3155	2986	2738	2389	2321	3000	2460	2426	2157	2105	2099	2106	2198	2209	2604	2075		69,215
2950	2904	2723	2773	2597	2521	2261	2381	2223	2203	2018	2000	2170	2313	2169	2227	2288	2672		76,364
10887	11770	11006	10361	10181	10526	12042	11193	10447	10772	13232	15935	15071	12032	10124	9214	8729	9170		327,092
4166	3991	3672	3231	2937	2884	3038	3283	3045	2800	2837	2752	2863	2746	2808	2580	2584	2565		94,834
7229	7614	8612	9736	10380	9911	9406	10088	11573	12622	12336	11545	10590	9870	9505	9295	9328	10054		274,181
6841	6296	5404	5886	5793	5712	5269	5138	5195	5746	5820	6000	6891	6703	6355	6855	8157	9127		197,137
2871	4685	4343	4046	4007	4027	3557	3194	2803	2668	2804	2852	3103	3434	3780	4282	4433	4160		90,355
7990	7280	7634	8467	9193	10399	11991	13264	13754	13420	13766	15710	17437	17801	15525	12624	11024	10023		299,957
2310	3046	3614	3740	3715	3609	4515	4142	4679	4611	5084	5578	5450	5869	5156	4851	4164	4027		102,329
8789	8065	7908	7940	6883	5895	5782	5451	5685	6073	6375	5937	5982	7075	6388	6220	5762	5626		191,618

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1895	6810	6190	7150	7510	6490	7880	7510	7150	6810	6190	5640	5640	5640	6490	6810	6810	6490	6190	6190	6490
1896	5640	4890	5640	7880	7880	6490	6810	7151	6490	5910	6190	5910	5380	4890	4890	4890	4670	4490	4280	4280
1897																				
1898	6190	6020	6020	5510	4650	4310	4480	4480	4480	4820	4820	4820	5510	5510	5680	5590	5590	5000	4820	5000
1899	6120	5300	5060	4820	5300	5850	9060	9800	13500	19000	17200	14200	13500	12800	11300	10200	9800	9060	7600	7300
1900	6390	6660	6920	7450	7450	8780	9300	10100	10400	11400	11960	11960	8510	8510	8780	8780	8510	8240	8510	8240
1901	8860	10200	9640	10200	11100	10400	10200	9980	10300	10700	11200	11300	12000	12200	12200	12700	12700	12400	11500	9980
1902	3740	3550	3190	3190	3190	3550	3940	6170	6840	6400	6400	6840	7740	7740	7070	7070	6840	5950	5500	5160
1903	7740	7420	7420	8410	9150	10000	10000	10000	9560	9560	9560	9560	11000	12700	12700	11500	10000	10000	8870	7110
1904	10100	10100	11500	12800	12200	12300	12200	11800	11800	12300	12300	12800	12800	13200	13600	13600	13600	13900	13900	15000
1905	3350	3470	3590	3490	3260	3100	3080	3120	3510	3350	2980	2900	2710	2580	2610	2650	3300	4600	4740	4710
1906	6820	6970	7430	8070	7430	7200	7040	7350	7510	8150	8310	8710	8710	8470	8390	7430	6440	5920	5700	5700
1907	10800	10800	10800	10900	10900	10900	11300	11700	11900	12100	12500	11200	11100	10100	9700	10300	11100	12500	13400	13300
1908	7410	8040	7590	8040	7590	8220	9220	9800	9030	8130	6870	6340	6170	5740	5580	5340	5100	4860	4860	4700
1909	7460	7630	8900	10500	12400	11600	10800	10500	10200	10200	9000	8200	8000	7630	8200	8600	8400	8200	8600	9300
1910	9250	8610	7650	7650	7170	6700	6850	7490	8450	10200	10000	8990	9890	9730	9250	8610	8130	8130	8130	7650
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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

MAY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5490	6810	6810	6490	6190	6190	6490	6810	6190	5640	5380	5130	6490	7880	6810	5640	4890	4670	197,610
4890	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
12700	12700	11500	10000	10000	8870	7110	5710	5220	4980	4980	5220	5340	6240	6660	6810	7740	9150	260,310
13200	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
13156	14742	17174	18739	18115	15158	13165	12974	12930	12541	12865	13949	15565	16723	15919	15515	15115	14000	412,019
9843	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
5179	5011	5100	5142	5186	4675	4490	4074	4020	3888	3711	3338	3312	3040	2876	2505	2306	2130	121,600
10765	10945	11500	11900	12500	13500	14350	14350	13870	12690	11780	11090	10725	10000	10855	11600	11513	10516	350,243
2976	3106	3160	3417	3436	3625	3822	4404	4192	3967	3964	3735	3315	3033	2769	3051	2762	2993	123,965
10172	13252	16652	19349	20061	17226	13754	10652	8469	8305	7954	7331	8001	9138	9786	8958	8085	7455	330,022
14770	12847	11587	11522	12190	13145	13409	12700	14513	14995	14810	15145	15975	15944	14976	13632	12294	10471	426,097
6215	6317	6532	6431	6411	6696	6424	7067	7767	8614	9196	9374	8661	6911	5882	5099	4639	4515	179,768
3382	3772	4247	4169	4856	4552	4844	4902	5365	5164	4767	4518	4524	4740	5434	6571	7559	7289	147,623
4646	5265	5201	5228	4870	4208	3632	3266	3062	2718	2828	3154	3577	3752	3550	3494	3274	3405	125,769
13580	13569	12341	10987	11458	11607	12051	12114	12710	10953	8933	7079	6384	5838	5841	5783	5880	5991	282,088
3373	3814	4758	5068	5745	4621	4861	4866	5561	5879	6017	6201	6925	8055	8577	7771	8254	9359	170,805
3376	3299	3138	3216	3409	3434	3252	3099	2995	2829	2950	2918	2862	2553	2644	2459	2400	2367	102,004
5706	5358	5307	6201	6411	5944	5963	6039	6926	7983	9299	9501	9016	8784	8402	8204	8005	8375	214,264
13995	14946	14675	12418	10608	9822	9807	8582	7622	6831	6225	6750	7498	8365	9154	9524	9492	9126	312,953
5755	6329	6530	6276	6467	6706	6535	6045	5598	5827	6462	6098	6658	6286	6269	6315	5787	5017	190,596
10208	11343	11734	12691	12971	12173	10396	9033	8327	8402	9447	11025	11983	14127	16428	15847	14345	12313	355,657
5334	5218	5272	5551	5486	5468	5275	4987	4246	4115	3860	3410	3487	3285	3479	3664	4124	4620	170,918
9587	9164	8237	7997	7395	7081	7261	7275	7288	7106	7107	7859	7933	7868	7286	6819	6630	6476	217,240

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
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	5101	48
1942	3999	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	3906	3693	40
1943	13118	14472	15282	15085	15650	14752	12884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	6906	7316	80
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	5688	5036	43
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	6601	5903	53
1946	11798	10583	10259	10837	12416	13481	13844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	10750	10746	1013
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	7143	6705	740
1948	4839	4538	3728	4393	4204	4307	5953	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750	12004	1115
1949	8007	7859	7339	6690	6507	6211	6444	7197	8178	9179	9784	10290	11540	11885	12413	12829	11584	12100	11233	10978	10315
1950	5296	6568	5497	6494	5130	5004	4336	4438	5086	4557	5445	5562	6917	9553	11897	13368	13673	12924	12338	9612	9297
1951	9166	8345	7297	7238	7299	8201	9727	12301	11980	12328	12460	13137	12371	10539	9707	8739	9206	10377	11258	11492	11650
1952	14339	15047	16512	18001	18955	15799	16476	15533	15390	15082	14555	13359	16047	16522	16170	14230	12349	11652	12802	12544	13861
1953	7935	6443	5512	5136	4792	6975	7543	8156	7593	6041	6151	5339	5134	5266	5443	5816	6208	7529	7119	9554	9160
1954	7649	6395	5818	6257	6124	8165	8936	9704	10854	11776	13307	12854	11973	11088	10493	10814	11452	12331	12276	13444	14660
1955	3601	4105	4040	3296	4134	5011	6697	7088	8417	8309	7326	7939	7918	7917	6984	5892	4734	4318	4549	5889	7548
1956	10218	10200	9871	10211	10496	10826	11384	10702	11094	11328	10238	9987	8960	8698	7933	8258	9716	11258	14370	15780	16976
1957	9409	10872	11712	11176	10375	9666	11185	12224	12850	12759	13083	12803	13328	13687	13506	13044	13377	13270	16619	16752	16930
1958	4928	6924	8263	9839	11248	13513	14715	13949	13445	14578	15390	17413	17483	14213	12587	12839	12626	15234	17097	18188	21254
1959	5870	7805	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040	7963	7080	6054	5228	4541
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6909	8763	10699	11842	11130	8927	7912	7473	6667	6028	5170	5073
1961	3605	3983	4617	4084	4042	3808	3334	2429	3246	2857	4098	3591	3619	3057	3477	4048	3907	4219	3877	4241	5448
1962	5923	5454	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872	5189	5656	6199	6284
1963	5324	5703	5653	5674	5329	5798	6273	6450	6695	6577	6139	5546	5105	5078	4751	4947	5387	5940	6881	8164	8736
1964	7016	7799	6326	5226	4862	4139	4017	4340	4358	4562	5850	6130	6761	7602	8271	8506	9883	9949	9920	10053	10938
1965	20503	19705	17118	14545	13382	11788	10434	8291	9438	8986	8298	9611	11222	12687	14355	15060	15555	16142	15059	14140	14144
1966	2953	2974	3397	4545	5655	6340	7666	8082	7676	8225	7761	7303	5982	5063	5044	4127	4032	3783	3695	3808	4193
1967	1974	1734	1825	2055	2322	2523	3457	4587	6759	7886	8157	6279	5159	4313	4099	5150	7036	9056	10116	11138	11392
1968	3707	3910	4448	4102	4785	4681	3950	3401	3149	3253	3505	3978	4484	4568	4186	3518	2842	3045	3392	3991	6212
1969	8412	8161	7515	7224	7211	8197	9647	11346	12959	14478	15175	15306	15251	14736	15503	15133	14151	12841	13059	12634	11537
1970	2640	2864	3509	4953	6718	8831	10103	11354	7914	8348	8112	6703	6292	4875	5453	4900	6311	9647	13481	13590	13932
1971	10959	12680	15962	18576	18600	18022	17645	17624	17953	17779	17985	18414	18989	20253	19203	17182	16564	14143	12074	10706	9830
1972	8101	7530	7725	8999	10745	12437	12976	14066	14162	12567	11829	11362	11766	12342	13746	14976	15526	16345	14871	13565	13181
1973	3885	3718	3588	3820	3943	4076	4000	4508	5044	4767	4554	4346	4571	5147	5508	6605	7449	8334	9289	9555	8720
1974	11706	12060	13114	13253	13694	14674	15830	16728	18469	18091	16513	13957	12490	11386	9885	8978	7937	7541	7054	6713	6493
1975	4213	4508	5119	7046	6620	5637	5504	4154	5099	6308	8473	11186	10878	12894	15877	19598	20618	18122	17160	16004	11787
1976	6133	7306	8617	9318	9676	9412	9315	8899	10435	10677	12376	13732	12517	12461	13423	12619	11857	12008	11841	11214	10548

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

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	236,573
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
11885	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
10539	9707	8739	9206	10377	11258	11492	11650	11353	12580	12793	13796	12825	12646	13881	14065	12879	10811	342,447
16522	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
11088	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
13687	13506	13044	13377	13270	16619	16752	16930	12150	11422	10232	9263	8974	9657	10360	11241	12253	12791	376,970
14213	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
11130	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
12687	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
4313	4099	5150	7036	9056	10116	11138	11392	11900	13697	15178	15598	14202	11443	10418	11078	11004	10037	241,572
4568	4186	3518	2842	3045	3392	3991	6212	6092	5605	4966	4677	4540	3949	3628	3703	4058	5318	129,643
14736	15503	15133	14151	12841	13059	12634	11537	10399	10076	10967	11394	12672	13146	12396	10897	9837	9901	362,161
4875	5453	4900	6311	9647	13481	13590	13932	12633	11660	14472	13140	13797	14685	14847	12533	10667	9541	288,505
20253	19203	17182	16564	14143	12074	10706	9830	9058	8672	8910	9231	10126	12161	14400	15838	16027	15741	461,307
12342	13746	14976	15526	16345	14871	13565	13181	12620	11234	10194	9774	9868	9772	10727	12353	14460	16312	376,131
5147	5508	6605	7449	8334	9289	9555	8720	7848	6641	6196	6364	6991	5801	4988	4634	4548	4671	174,109
11386	9885	8978	7937	7541	7054	6713	6493	6444	6581	7363	8120	9812	12265	16170	16950	15057	13059	368,387
12894	15877	19598	20618	18122	17160	16004	11787	10546	9344	9211	8905	9026	7991	8168	8846	9646	11004	309,492
12461	13423	12619	11857	12008	11841	11214	10548	9706	9264	9467	9460	9669	9291	9765	9480	9508	8525	318,525

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1895	4470	4100	3930	3930	4100	3930	4100	3930	3760	3590	3430	3430	3760	3590	3760	3590	3430	3120	2970	3120
1896	27000	27000	32100	29500	27000	24500	24500	25300	23700	25300	22900	22900	29500	35500	32100	32100	32100	31200	30400	27000
1897																	5100	4530	3900	3900
1898	4910	4820	4820	4480	4310	4480	4140	3970	4140	4650	4910	5170	5510	5680	6020	6020	6020	5850	5850	5680
1899	10200	10500	12800	13900	13900	11300	10500	10500	9800	10200	11600	13900	10200	11300	10500	11300	13900	16100	17200	18700
1900	6120	6120	6660	6920	7180	7850	7450	6920	6920	6120	5330	4940	4940	4940	4810	5730	4810	4230	4230	4230
1901	7740	7740	7740	7070	6400	5720	5500	5050	4830	4600	4380	4270	3930	3710	3710	3930	4380	4600	4830	5280
1902	7070	6170	5500	5280	5160	5050	5160	5840	6730	7520	7290	6840	6510	5950	5280	4380	4160	3940	3940	3740
1903	13300	16800	16200	14400	13300	12700	13300	13800	14400	14400	13800	12700	11500	10500	10000	10500	10000	10000	7740	7110
1904	11800	11800	10400	9440	9440	10100	9770	9600	9440	9440	8800	8180	8480	8800	10100	10800	10400	10100	8960	8480
1905	6070	6260	5890	5380	5180	4940	4860	5360	5360	5010	5010	4920	5090	4930	4460	4000	3990	3650	3110	2930
1906	5700	5470	5620	6070	6140	6440	5700	5700	5470	5540	5920	7430	7990	6900	6740	6600	6600	6000	5620	5400
1907	11700	12200	12200	11900	11100	10900	11300	10700	10300	10000	9700	9320	9320	8850	8130	7410	6340	5740	5830	6170
1908	4030	3820	3960	4260	4030	3890	3960	4400	4780	5500	6260	7770	8670	8310	4550	5180	8490	7770	6870	5830
1909	11600	13900	15400	15900	16000	16000	14600	13000	11800	10800	9400	8230	8230	8230	11800	13000	12800	12800	12000	11600
1910	9090	9250	8290	6850	6700	6850	6250	5950	5200	5050	5650	5950	5500	5350	5350	5200	5050	4900	4190	4050
1911	10500	11500	12400	13400	13400	12800	13300	13800	13500	12400	12500	14100	15100	14700	15100	15000	14400	13500	14000	13900
1912	13200	13300	13700	13600	14000	14400	14800	15300	15600	15100	13900	13300	14300	13800	12000	10500	9410	8770	8610	8950
1913	11400	11000	10900	10500	9920	9680	9280	9360	9280	8720	8160	7600	7360	7120	6580	6060	5980	5600	5530	5160
1914	8020	8150	8750	8400	7550	6430	5800	5620	4820	4510	4200	4160	4280	4280	4140	4720	5020	5320	5620	5320
1915	5048	5114	4524	4067	3842	3890	3822	3999	4124	3945	3630	3428	3149	2848	2699	2666	2802	2798	2820	2743
1916	6620	6470	6960	8179	9468	10068	10178	10582	11262	11622	10902	10012	9570	10158	11058	12138	13142	14280	15450	13190
1917	10945	10482	10360	9902	9270	8811	9153	9429	11048	12940	12928	10816	9286	7885	8621	10266	11395	13840	14535	14566
1918	4749	5176	5636	6558	7437	8777	9016	10176	10760	11557	12061	11855	12282	12601	11324	9414	7893	7507	7440	7170
1919	10255	7472	6089	5464	5206	5145	5188	4899	4586	4265	3990	3755	3557	3436	3383	3392	3334	3276	3154	3099
1920	6487	5870	5308	4985	4893	5269	6030	6487	7077	7214	6868	6349	6153	6119	6316	6708	6845	6440	5909	5372
1921	14670	14220	14340	14695	15550	15973	17037	17258	17540	16818	16617	17625	16612	15901	13645	11422	8661	7218	7047	7591
1922	11577	12915	12786	13520	14444	15650	16463	14815	13022	12475	10466	10142	10280	11675	16005	12185	11735	11621	11721	11290
1923	6042	5198	4530	4716	4888	5297	6345	7213	8065	8744	9037	10502	9524	7543	5722	7972	5150	4877	5162	5152
1924	1935	1858	2013	2026	1969	1634	1948	1302	1610	1463	1260	1293	1160	1265	1103	1194	1061	1009	994	998
1925	8833	8046	7281	6584	5910	5445	4939	4668	4456	4555	4763	4857	4997	5108	5234	5415	5470	5210	5640	6391
1926	2718	2626	2718	2576	2516	2597	2566	2340	2403	2135	1977	1714	1732	1565	1599	1482	1379	1507	1324	1439
1927	6947	6653	6698	7545	8288	9452	12595	15620	19709	15676	14749	16150	16294	15969	15574	14651	13880	12861	12882	13360
1928	8085	8413	7355	6921	6982	7153	6716	6596	6177	5303	5541	5158	4938	4695	4404	4352	4304	3931	3857	3787
1929	4659	4708	3982	4456	4007	3865	4717	5046	5655	5839	5492	5381	5414	5543	5797	6342	7305	6060	4896	4273
1930	6967	4563	4532	4368	4000	3929	4236	5477	6346	5983	6399	6649	6288	5115	4867	4237	4229	4593	4238	3786
1931	3335	3636	3543	3254	2910	2647	2580	2501	2502	2161	2134	2028	1619	2004	1549	1557	1612	1453	1298	1261
1932	5747	5425	5100	5332	6021	8061	7489	6278	5952	6154	6787	7159	8423	8638	9594	11250	10637	9668	8333	8291
1933	11448	12048	12091	12508	11191	9955	10361	9261	9038	11474	11156	11117	11423	12035	12093	12214	11586	9977	8216	7127
1934	2163	2214	1945	1870	2016	1690	1398	1823	2026	1928	1835	1530	1568	1510	1392	1319	1382	1255	995	961
1935	8859	8727	8204	7712	7596	7983	8495	8603	8779	8648	7399	7437	7305	6893	6609	5901	5174	4585	4679	4618
1936	9965	9828	8690	7783	7050	6627	7284	8334	7421	6245	5807	5408	5523	5579	5326	5307	4841	4555	4223	4012
1937	4446	3857	3969	4140	4323	3737	3532	3159	3329	3796	3510	3291	2979	2708	2697	2762	2797	2776	2610	2537
1938	12041	12283	13053	13791	13719	13699	13906	13723	13000	11393	9451	8936	9236	9148	8857	8741	8587	8585	7465	6657
1939	4184	3820	3378	3153	2996	2798	2702	2364	2324	2327	2259	2226	2131	2218	2211	2269	2305	2220	2001	1968
1940	6577	6623	6228	5771	5412	4936	4592	4410	4362	3753	3865	3782	4243	4395	4385	4048	3864	3613	3570	3328

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

JUNE

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3																			
0	3590	3760	3590	3430	3120	2970	3120	3270	3590	4100	4100	4100	4100	3930	3930	3930	3760		112,850
0	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
0	5680	6020	6020	6020	5850	5850	5680	5680	5680	5680	5510	5170	4650	4650	3970	3800	3460		149,680
0	11300	10500	11300	13900	16100	17200	18700	15000	11300	10500	12000	12000	11300	10500	11300	12200	11300		365,700
10	4940	4810	5730	4810	4230	4230	4230	4460	4340	3910	3710	3520	3330	2980	2810	2480	2330		150,320
30	3710	3710	3930	4380	4600	4830	5280	5500	5280	4830	4380	3710	3060	2880	2720	2880	3060		143,710
10	5950	5280	4380	4160	3940	3940	3740	3550	3550	3550	3740	3550	3190	3030	2730	2660	2520		143,580
00	10500	10000	10500	10000	10000	7740	7110	6520	6240	6240	5460	5220	5220	5100	4980	4980	4530		300,940
80	8480	8800	10100	10800	10400	10100	8960	8480	8180	7580	6500	6010	5540	5540	5540	5770	5770		260,530
90	4930	4460	4000	3990	3650	3110	2930	3120	2990	2930	2880	2880	2770	2670	2560	2390	2240		123,830
90	6900	6740	6600	6600	6000	5620	5400	5320	5180	5040	4760	4760	4900	5040	5920	5040	4480		173,490
120	8850	8130	7410	6340	5740	5830	6170	7050	7770	7220	6510	6510	7770	7950	8670	9500	9220		267,280
570	8310	4550	5180	8490	7770	6870	5830	5660	4860	4400	4250	4180	5020	5830	5420	5100	5340		162,390
230	8230	11800	13000	12800	12800	12000	11600	9600	9200	8230	8040	7860	7500	7050	7680	7680	7680		327,610
500	5350	5350	5200	5050	4900	4190	4050	4050	3840	3490	3360	3360	3360	3360	3360	3230	3100		155,180
100	14700	15100	15000	14400	13500	14000	13900	13100	12500	12300	11200	9500	8750	8150	9160	8400	7970		370,330
300	13800	12000	10500	9410	8770	8610	8950	9600	9300	8990	9170	8710	8560	8260	7150	6400	6100		338,780
360	7120	6580	6060	5980	5600	5530	5160	4640	4500	4640	4640	4360	3940	3660	4080	3660	3400		206,710
280	4280	4140	4720	5020	5320	5620	5320	5020	4720	4140	3870	3730	3640	3540	3450	3360	3270		153,850
149	2848	2699	2666	2802	2798	2820	2743	2732	2609	2598	2578	2635	2581	2339	2045	1955	1920		95,950
1570	10158	11058	12138	13142	14280	15450	13190	10262	8651	7470	7140	7652	8584	9314	9784	9420	7796		297,382
1286	7885	8621	10266	11395	13840	14535	14566	13453	12962	11684	10531	10248	9269	9101	9485	9517	8933		321,661
2282	12601	11324	9414	7893	7507	7440	7170	6675	6964	6615	6750	5485	4699	4072	3663	3394	3524		231,230
3755	3557	3436	3383	3392	3334	3276	3154	3099	2937	2871	2719	2621	2430	2319	2248	2150	2078		120,436
6153	6119	6316	6708	6845	6440	5909	5372	5213	5177	5181	5128	4799	4317	3859	3554	3342	3465		166,734
6612	15901	13645	11422	8661	7218	7047	7591	7649	8270	8770	9205	9133	8310	6694	6628	7439	6826		359,364
0280	11675	16005	12185	11735	11621	11721	11290	11142	10158	8827	7840	6940	6928	6536	6080	5557	5137		329,932
9524	7543	5722	7972	5150	4877	5162	5152	5247	6730	6028	5878	5423	4917	5132	5037	5765	6268		188,104
1160	1265	1103	1194	1061	1009	994	998	989	984	976	971	925	979	913	848	844	872		38,396
4997	5108	5234	5415	5470	5210	5640	6391	7203	8280	8590	8012	7286	6638	6298	5927	5747	5902		183,685
1732	1565	1599	1482	1379	1507	1324	1439	1382	1332	1274	1083	1116	1047	1244	945	1009	973		52,318
6294	15969	15574	14651	13880	12861	12882	13360	12600	11844	11701	11590	11419	11187	13198	9724	8546	7506		364,868
4938	4695	4404	4352	4304	3931	3857	3787	3733	3868	3825	3952	4065	4047	4042	3394	3358	3328		152,880
5414	5543	5797	6342	7305	6060	4896	4273	3946	4154	4135	4073	3962	3936	4005	3839	3798	3699		142,984
6288	5115	4867	4237	4229	4593	4238	3786	3579	3310	3101	2872	2987	2716	2563	2375	2333	2212		128,850
1619	2004	1549	1557	1612	1453	1298	1261	1337	1121	1178	1172	1026	926	795	664	741	878		55,422
8423	8638	9594	11250	10637	9668	8333	8291	8168	7948	9118	9447	8649	8662	7123	7040	6545	6073		229,112
11423	12035	12093	12214	11586	9977	8216	7127	6552	6375	5944	6374	5249	4887	4988	4345	4269	3797		269,099
1568	1510	1392	1319	1382	1255	995	961	1197	1027	936	1019	758	842	1039	1133	1121	920		42,812
7305	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	2111		159,642
2979	2708	2697	2762	2797	2776	2610	2537	2601	2822	2965	2580	2294	2115	1911	1769	1838	1648		89,498
9236	9148	8857	8741	8587	8585	7465	6657	6267	6787	6962	6537	6114	6286	6412	6067	5592	5774		279,069
2131	2218	2211	2269	2305	2220	2001	1968	1876	1831	1649	1757	1602	1697	1532	1407	1516	1429		68,150
4243	4395	4385	4048	3864	3613	3570	3328	3012	2827	2612	2354	2123	2041	1855	1717	1899	1432		113,629

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1941	5876	3273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	406
1942	6271	3732	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	479
1943	13587	14754	12362	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871	12584	1124
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506	3582	3881
1945	7248	7384	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806	6460	7091
1946	7950	7333	7763	9115	10131	9775	8965	8249	7785	7457	7621	6965	6209	6199	6482	6365	5913	5539	5244	5054	5103
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4350	4903	4539	4785	4962	5051	5334	5103	4814
1948	10313	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495	4918	5009
1949	8699	7652	6364	5665	5905	5817	6324	6597	7045	7415	7043	7446	6959	6315	5459	4899	4940	4153	3798	3618	3623
1950	11474	11539	11330	10773	10648	10989	11703	11065	9479	8074	7526	8071	8765	7834	8115	8634	9085	9759	8926	9710	9794
1951	9487	8447	7815	6970	6177	7805	6913	6277	5708	5396	5479	6034	7203	7536	8584	9851	10463	10017	9533	8705	8506
1952	12410	11937	11735	13213	13471	13830	13581	13854	11979	12614	10938	10492	7689	7938	7471	7157	6311	6438	5554	6755	6336
1953	9489	7336	8969	8880	9395	9933	9685	11613	6482	8841	9177	10758	13803	14790	13028	11255	11285	12359	12650	11478	10079
1954	5809	4707	4385	4038	4415	4753	4700	4500	4322	4429	4617	4547	4386	4684	5270	6412	6806	6022	5342	5289	5580
1955	6665	6734	6046	6080	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760	5810	6345
1956	18139	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561	7223	7256
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7862	6677	6235	5575	5046	5094	5582	5913
1958	12658	11471	10461	10328	9988	9513	10055	10402	10499	10045	9345	8848	9282	8774	8230	7494	8033	8428	8462	8155	7722
1959	3900	4148	5030	5848	6420	7308	8523	8266	7246	6374	6120	5707	6829	8182	8097	7934	6442	6576	6556	6426	6383
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575	4208	3939
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4923	5095	3585	4531	3622	3459	3333	3142	2892	2500
1962	6631	6960	7399	8823	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671	7308	8388
1963	9313	8832	8018	7732	7905	7631	6881	6681	6484	7143	6852	6110	6453	7112	7817	8486	8495	8559	7644	7509	7389
1964	6911	7308	8650	8393	8594	8456	9027	9249	8072	7337	6629	6329	5640	5471	5789	6545	8214	7688	7064	6263	5613
1965	16246	14692	14116	15031	15908	15845	16184	15912	16274	16537	16415	16777	16910	15016	12332	10399	9527	8926	8747	8667	9854
1966	5469	4699	4352	3907	3554	3315	3194	3320	3144	3452	3537	3384	2879	2756	2790	3020	3044	3263	2217	3257	2621
1967	8946	10050	9084	8166	7859	9244	9134	8763	9211	9332	8758	9028	8307	7998	7893	8286	8955	9786	9938	10077	10865
1968	5100	4910	5643	7048	6327	5870	6614	5669	6051	5767	5440	5346	5280	4985	4435	4095	3986	4249	4532	4845	4930
1969	10112	9092	8696	8950	9641	10373	10259	9591	8927	8699	8725	8109	7055	6745	6116	5838	5487	4878	4772	4808	4738
1970	8806	8886	10183	11832	13419	13226	12755	12989	13370	13097	10574	8591	7795	7415	7225	6986	6592	6511	6717	7629	8162
1971	14218	12808	11211	9900	9184	8962	8976	9707	11593	13300	13351	13007	12901	13363	13599	12558	12176	12155	11893	11074	11105
1972	17776	19359	12285	17750	16619	15280	15631	17421	18600	18558	18508	16036	13337	11331	10927	11285	11641	11630	11040	9378	8434
1973	3003	3023	4986	4394	4411	4039	4259	4626	4936	4953	4948	4222	3795	3862	5323	4665	3728	3541	3221	3029	2720
1974	11987	12621	13206	14533	15324	16517	14309	12132	10462	9923	10421	11847	13767	15788	16574	17560	18375	17685	16711	15889	14625
1975	12304	14269	16285	17660	15072	15073	16839	17527	14917	12733	11316	11024	11048	12296	12548	13350	13283	11551	10023	8421	7772
1976	7349	7269	5825	6929	6821	6625	7064	7060	7117	6748	7544	7175	6277	5884	4933	4737	4420	4893	4883	5120	5322

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

JUNE

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
6400	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
4137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
6696	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
6209	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3467	3541	3406		189,411
4350	4903	4539	4785	4962	5051	5334	5103	4814	4215	3548	3663	3798	3631	3738	3324	2971	2842		148,620
9047	8398	7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
6959	6315	5459	4899	4940	4153	3798	3618	3623	3421	3111	3262	3094	3073	2911	2608	2619	2377		152,212
8765	7834	8115	8634	9085	9759	8926	9710	9794	10318	10052	8978	7742	6845	5212	6581	6984	8136		274,141
7203	7536	8584	9851	10463	10017	9533	8705	8506	7929	7085	6458	6370	5833	6313	5807	5948	5641		220,290
7689	7938	7471	7157	6311	6438	5554	6755	6336	5379	5548	5239	5379	5419	5276	5236	4724	5238		259,141
13803	14790	13028	11255	11285	12359	12650	11478	10079	9422	9291	9365	9096	8038	6925	6975	6895	7246		294,478
4386	4684	5270	6412	6806	6022	5342	5289	5580	6370	6892	7729	7691	7429	9902	7880	6139	5388		169,833
9799	9361	7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4104		209,680
10650	10277	9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603		291,294
8409	7862	6677	6235	5575	5046	5094	5582	5913	5501	5085	5021	5504	4690	5069	5091	5358	5073		259,006
9282	8774	8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083		250,783
6829	8182	8097	7934	6442	6576	6556	6426	6383	6351	6145	5574	4988	5223	4157	3920	3117	3288		181,078
6043	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	8977	7798	7656	8035	7180	7671	7908	8388	7736	7496	6954	6273	6788	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
16910	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		159,303
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
12901	13363	13599	12558	12176	12155	11893	11074	11105	12423	13466	13930	12600	11922	13434	11743	9688	8060		354,307
13337	11331	10927	11285	11641	11630	11040	9378	8434	8052	8097	8094	7515	6809	6039	5751	6068	6327		372,778
3795	3862	5323	4665	3728	3541	3221	3029	2720	2718	2667	3068	2621	2614	2610	2620	2538	2404		113,541
13767	15788	16574	17560	18375	17685	16711	15889	14625	12308	11865	11527	11669	11317	10216	8706	8015	7979		393,858
11048	12296	12548	13350	13283	11551	10023	8421	7772	7709	7732	8468	9456	9639	8253	7586	6795	6565		348,114
6277	5884	4533	4737	4420	4893	4883	5120	5322	5054	4695	4527	4271	3725	3920	3439	3191	3688		168,102

NATURAL FLOW OF BOISE RIVER

BEGINNING 1895

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1895	3590	3430	3430	3430	3120	3120	3430	3430	3270	3270	3120	3120	3120	3120	3120	3120	2830	1870	1870	1770
1896	9080	11500	12500	12500	11500	11000	10500	9980	9080	8660	8260	8260	7510	7150	6490	5910	4890	4470	4100	3120
1897	3460	4080	3600	3260	3260	3070	2880	2810	2420	2290	2360	2360	2290	2290	2290	2160	2160	2290	2160	1900
1898	3290	3120	2600	2600	2430	2600	2430	2430	2600	2600	2430	2600	2260	2260	2090	1920	1750	1660	1580	1490
1899	11300	10200	10200	9800	8690	7960	7780	8320	7780	7600	7300	7000	6700	6120	5580	5060	4820	4580	4480	4160
1900	2180	2040	1980	1910	1680	1620	1570	1460	1460	1520	1520	1520	1460	1410	1270	1270	1230	1190	1160	1100
1901	2880	2880	2880	2800	2430	2300	2300	2300	2180	2180	2070	1970	1970	1870	1780	1780	1690	1640	1600	1600
1902	2280	2400	2340	2660	2220	2110	2000	1900	1900	1950	1950	2000	2060	1950	1900	1850	1800	1700	1700	1610
1903	4310	3900	3520	3080	2990	3020	2990	2830	2610	2400	2400	2260	2400	2330	2260	2400	2470	2400	2010	1950
1904	5770	5540	5540	5540	4680	4680	4680	4680	4680	4090	3720	3370	3210	3050	2900	2760	2500	2500	2440	2380
1905	2150	2150	2060	1970	1870	1790	1710	1630	1550	1470	1430	1350	1270	1210	1170	1140	1070	1030	1010	990
1906	4130	4220	4480	4550	4340	4200	4060	3860	3670	3420	3240	3180	2950	2780	2510	2350	2200	2060	1950	1780
1907	8940	8670	8850	9220	8940	7770	6000	6260	6990	6870	6510	6260	6260	5420	5100	4700	4480	4250	4250	4320
1908	5580	5660	5740	4400	5500	4940	4400	4400	4320	4100	3960	3560	3430	3690	3960	3070	2470	2420	2320	2170
1909	7680	7500	7500	6780	6260	6010	5770	5470	5170	3910	3720	3650	3410	3170	3050	2930	2810	2590	2540	2370
1910	2970	2780	2660	2600	2720	2360	2250	2140	2140	2030	1980	1880	1830	1780	1730	1680	1380	1550	1550	1420
1911	7230	6360	6100	6300	6350	6240	6280	5720	4880	4370	3950	3820	3680	3540	3540	3480	3280	3150	2960	2710
1912	5500	5050	4610	4050	3910	3770	3630	3490	3230	3100	2970	2970	2840	2840	2720	2600	2480	2480	2480	2250
1913	3530	3400	3270	3400	3140	3140	3140	3020	2770	2650	2420	2200	2100	1990	1890	1800	1710	1710	1620	1710
1914	3180	3030	2890	2760	3770	2960	2710	2470	2280	2200	2340	2160	1980	2010	1840	1780	1710	1620	1540	1550
1915	1899	1843	1780	1767	1672	1872	1894	2065	1762	2001	1666	1582	1539	1517	1370	1162	1228	1196	1111	1102
1916	7236	8410	8074	6851	6408	7015	7302	7394	7511	6736	6069	5816	5584	5211	4830	4471	4661	4001	3584	3258
1917	8347	8083	7952	8089	7896	7188	7099	6683	6293	5838	5125	4666	4300	3940	3492	3222	3052	2971	2744	2579
1918	3181	2916	2773	2605	2470	2176	2197	2210	2055	1368	1934	2086	1858	1735	1698	1819	1718	1480	1719	1651
1919	1934	1869	1728	1626	1537	1460	1448	1411	1384	1334	1272	1218	1122	1094	1119	1087	1047	940	914	863
1920	3529	3574	3425	3139	2987	2825	2654	2470	2315	2167	2047	1998	1990	1889	1752	1589	1537	1431	1424	1360
1921	5928	5285	4216	4407	3896	3750	3922	3772	3731	3650	3313	3645	2956	2907	2538	2670	2392	2293	2277	2086
1922	4597	4132	4014	3657	3499	3258	3454	3009	2946	2656	2512	2506	2385	2241	2007	2334	1919	1936	1861	1838
1923	6345	6011	5031	5109	4710	4275	4065	3834	3931	3472	3246	3702	3204	3249	3091	2602	2790	2609	2362	2191
1924	789	695	686	684	675	629	650	615	615	563	554	590	587	580	561	540	523	522	531	544
1925	5650	4866	4388	4062	3889	3613	3299	2852	3004	2639	2536	2674	2361	2203	2092	2054	1884	1917	1803	1793
1926	944	957	835	883	851	795	857	776	929	867	821	735	857	628	753	655	753	596	658	561
1927	7314	6826	6685	6340	5880	5249	5104	5014	4905	4723	4366	4296	4170	3947	3643	3553	3168	3209	2778	2887
1928	2922	3023	2923	2683	2696	2729	2403	2319	2309	2102	2098	2084	1974	1723	1939	1852	1659	1584	1571	1528
1929	3459	3250	2978	2513	2288	2302	1852	2064	1906	1682	1786	1625	1467	1419	1428	1280	1439	1114	1202	1169
1930	2044	1881	1861	1989	1687	1688	1709	1449	1354	1490	1435	1430	1279	1369	1228	1107	1379	1059	950	1042
1931	762	781	730	719	631	652	660	632	657	657	688	627	570	523	604	573	565	396	565	447
1932	5403	5232	4608	3919	3729	3321	2775	2850	2956	2703	2467	2595	2242	2710	2887	2349	1977	2026	1906	2214
1933	3548	2842	2789	2615	2883	2446	2832	2318	1702	2191	1927	1832	1736	1667	1686	1398	1839	1098	1224	1286
1934	911	1102	585	765	619	735	690	833	718	700	686	518	420	606	591	590	494	600	639	422
1935	2474	2521	2509	2368	1918	2899	2372	1941	1937	1795	1550	1697	1670	1552	1424	1456	1392	1244	1240	1300
1936	1945	1795	1638	1667	1516	1766	1353	1349	1037	1607	1354	1413	1778	1270	1261	1233	1158	1224	1157	1266
1937	1701	1497	1450	1252	1358	1152	1390	1260	1232	1068	1029	983	944	804	1001	867	918	1084	617	877
1938	6644	5707	5906	5470	5398	5031	4585	4216	3980	3947	3606	3488	3017	3083	2792	2965	2968	2719	2522	2304
1939	1324	1490	1204	1456	1328	1651	1338	1211	1079	1118	1103	1058	982	887	983	913	817	815	825	706
1940	1637	1635	1475	1577	1557	1383	1488	1295	1227	1224	1224	1034	1010	937	973	1008	728	894	856	825

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

JULY

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
120	3120	3120	3120	2830	1870	1870	1770	1680	1680	1510	1430	1350	1350	1350	1280	1350	1350	1280	76,190
510	7150	6490	5910	4890	4470	4100	3120	2560	1870	2560	3120	3120	2310	2080	1870	2310	2310	2190	192,760
290	2290	2290	2160	2160	2290	2160	1900	1840	1640	1980	1840	1770	1640	1640	1580	1510	1380	1440	71,650
260	2260	2090	1920	1750	1660	1580	1490	1400	1320	1230	1150	1060	978	892	892	892	978	892	58,424
700	6120	5580	5060	4820	4580	4480	4160	4160	3760	3560	2980	2980	2780	2580	2580	2390	2490	2390	178,080
460	1410	1270	1270	1230	1190	1160	1100	1080	1080	1050	1050	1120	1120	1050	1050	990	978	960	42,078
1970	1870	1780	1780	1690	1640	1600	1600	1540	1510	1560	1600	1560	1510	1350	1200	1130	1080	1060	58,200
2060	1950	1900	1850	1800	1700	1700	1610	1520	1350	1190	1190	1190	1120	1120	1120	1120	1120	1040	53,360
2400	2330	2260	2400	2470	2400	2010	1950	2010	2130	2010	1900	1900	1780	1780	1570	1470	1380	1330	73,790
3210	3050	2900	2760	2500	2500	2440	2380	2380	2380	2440	2260	2140	1920	1810	1810	1810	1700	1600	100,960
1270	1210	1170	1140	1070	1030	1010	990	970	950	930	880	860	840	820	820	810	780	750	39,430
2950	2780	2510	2350	2200	2060	1950	1780	1660	1590	1660	1740	1410	1370	1310	1300	1260	1240	1200	81,670
6260	5420	5100	4700	4480	4250	4250	4320	4100	3950	3810	3600	3460	3270	3200	3340	3270	3020	2840	167,920
3430	3690	3960	3070	2470	2420	2320	2170	2120	2030	2030	1850	1810	1690	1580	1540	1470	1440	1330	98,980
3410	3170	3050	2930	2810	2590	2540	2370	2200	2150	2050	1970	1870	1820	1970	2080	1820	1680	1500	113,400
1830	1780	1730	1680	1380	1550	1550	1420	1420	1420	1340	1300	1260	1230	1160	1160	1130	1100	1070	55,020
3680	3540	3540	3480	3280	3150	2960	2710	2590	2420	2300	2190	2080	2020	1970	1860	1760	1720	1670	116,520
2840	2840	2720	2600	2480	2480	2480	2250	2250	2030	2030	1830	1830	1640	1640	1550	1460	1830	1930	86,990
2100	1990	1890	1800	1710	1710	1620	1710	1620	1620	1620	2310	3940	3800	3400	3140	2650	2420	2200	79,330
1980	2010	1840	1780	1710	1620	1540	1550	1810	1630	1470	1470	1395	1320	1250	1250	1270	1210	1210	62,065
1539	1517	1370	1162	1228	1196	1111	1102	1041	1007	960	929	892	871	870	845	831	813	849	41,936
5584	5211	4830	4471	4661	4001	3584	3258	3110	2894	2704	2591	2465	2424	2274	2162	2050	1944	1869	146,909
4300	3940	3492	3222	3052	2971	2744	2579	2380	2210	2055	2047	1881	1789	1743	1716	1640	1574	1514	130,108
1858	1735	1698	1819	1718	1480	1719	1651	1566	1585	1272	1111	1283	1265	1192	1118	1054	1241	1327	56,263
1122	1094	1119	1087	1047	940	914	863	888	835	770	762	747	746	729	747	741	743	753	34,868
1990	1889	1752	1589	1537	1431	1424	1360	1333	1270	1243	1180	1119	1109	1116	1140	1042	1046	962	58,662
2956	2907	2538	2670	2392	2293	2277	2086	1840	2042	1872	1694	1812	1677	1600	1436	1345	1389	1354	87,695
2385	2241	2007	2334	1919	1936	1861	1838	1891	1776	1739	1662	1599	1575	1450	1421	1442	1370	1347	74,033
3204	3249	3091	2602	2790	2609	2362	2191	2146	2125	1893	1950	2277	1986	1790	1772	1538	1484	1462	96,252
587	580	561	540	523	522	531	544	544	544	544	544	544	520	500	470	450	430	425	17,648
2361	2203	2092	2054	1884	1917	1803	1793	1619	1735	2095	1675	1532	1380	1410	1433	1233	1350	1258	76,299
857	628	753	655	753	596	658	561	471	520	556	464	498	464	446	452	456	526	532	21,096
4170	3847	3643	3553	3168	3209	2778	2887	2756	2365	2375	2078	2229	1979	2061	1834	1808	1930	1649	117,021
1974	1723	1939	1852	1659	1584	1571	1528	1287	1518	1399	1183	1247	1207	1187	1215	1215	1183	1219	57,981
1467	1419	1428	1280	1439	1114	1202	1169	1000	1078	928	1021	968	848	875	875	854	767	804	48,241
1279	1369	1228	1107	1379	1059	950	1042	1003	1042	875	933	830	828	923	860	807	620	712	38,863
570	523	604	573	565	396	565	447	469	463	460	441	412	416	392	415	253	379	482	17,021
2242	2710	2887	2349	1977	2026	1906	2214	1802	1793	1722	1596	1506	1352	1503	1199	1327	1187	1166	77,022
1736	1667	1686	1398	1839	1098	1224	1286	1230	1006	1160	1119	1054	1000	1020	950	983	951	897	53,229
420	606	591	590	494	600	639	422	450	442	498	407	423	443	477	419	472	398	447	18,100
1670	1552	1424	1456	1392	1244	1240	1300	1167	1279	1094	962	1048	1041	1032	935	979	950	1364	49,110
1778	1270	1261	1233	1158	1224	1157	1266	1059	1202	1010	1044	1020	999	1059	1000	783	758	819	39,540
944	804	1001	867	918	1084	617	877	679	774	827	686	719	647	738	682	541	580	636	29,993
3017	3083	2792	2965	2968	2719	2522	2304	2261	2146	1977	1979	1816	1865	1786	1687	1729	1695	1357	100,646
982	887	983	913	817	815	825	766	710	838	428	856	630	717	685	685	707	600	575	30,179
1010	937	973	1008	728	894	856	825	813	835	705	868	677	673	766	874	800	817	640	32,455

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	2322	2243	2092	1988	2114	1578	1751	1612	1641	1462	1425	1359	1289	1414	1279	1385	1197	1289	1147	1133
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108	2075	1941	1913	1883	1732	1679	1609
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5338	5040	5053	4694	4405	4363	4274
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1809	1680	1737	1605	1432	1576	1544	1403	1508	1233
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555	2355	2179	2136	2081	1791	1789	1709
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2373	2385	2246	1949	1825	1810	1555	1820	1720	1568	1480
1947	2782	2548	2736	2656	2687	2532	2413	2406	2537	2125	2244	2144	1825	1807	1814	1681	1557	1504	1404	1350
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1796	1500	1614	1522	1362	1355	1287
1949	2294	2260	2150	2128	2121	2094	2269	2067	1736	1699	1705	1662	2302	1357	1481	1440	1295	1244	1104	1083
1950	8217	8402	7729	7344	6707	6356	6114	5721	5235	4323	5143	3939	3924	3506	3215	3369	3035	2818	2518	2452
1951	5444	5458	5281	5084	5275	4488	4558	3960	3758	3835	3622	3408	3003	2998	2845	2940	2681	2766	2448	2407
1952	4669	4151	3932	4208	4487	3143	3848	3333	3218	3076	3152	3534	3300	3177	2507	2564	2219	2354	2504	2070
1953	7247	7169	6741	6586	6778	6412	6905	5985	6033	5369	5284	5022	4683	4618	4497	3800	3229	3205	2872	2749
1954	5109	4877	4529	4360	4410	4445	4208	4228	3523	3367	3170	3119	2958	2756	2748	2948	2581	2549	2358	2044
1955	3473	3184	2743	2676	3036	2560	2832	1883	2303	2361	2751	2133	2506	2465	2116	2312	2027	2196	1963	1824
1956	5291	4759	4458	4281	3976	3916	3949	3804	4021	3266	3583	3423	3858	2854	3341	3069	2438	2619	2616	2203
1957	4843	4563	4422	3840	3605	3299	3239	2994	2949	2714	2453	2702	2577	2035	2157	2286	1967	1814	1697	1672
1958	4113	3444	3513	3324	3253	3197	2988	2733	2786	2580	2621	2242	2188	2170	2145	1957	2225	1777	2134	1720
1959	3072	2569	2524	2726	2485	2262	2345	2267	2176	1814	1888	1902	1746	1671	1528	1795	1538	1323	1340	1423
1960	2124	2136	2040	1947	2087	2086	1714	1753	1572	1647	1421	1451	1151	1476	1242	1473	1079	1247	1136	881
1961	1011	985	1669	1329	1260	1002	1311	1066	1021	998	969	1002	1020	995	836	799	900	608	773	776
1962	4588	4326	3991	3533	3329	2993	3096	2914	2549	2827	2431	2345	2388	2241	2261	2074	1950	1682	1772	1638
1963	3998	3563	3599	3904	3691	3719	3327	3187	3107	3029	2802	2678	2461	1975	2595	2369	2138	1952	1565	2216
1964	4714	4550	4525	4187	3895	3671	3589	3167	3082	3028	2813	2609	2443	2385	2277	2153	1898	2106	1857	1805
1965	8567	8759	8336	7977	8208	8593	7919	8033	7635	7867	7118	6426	5829	5229	4902	4894	4779	4570	4694	4397
1966	1886	1177	1436	1410	1416	1123	1226	1007	786	1108	954	998	862	890	693	651	723	718	165	441
1967	6365	5985	5564	5221	5065	4523	4248	3494	3490	3228	3156	2900	2696	2511	2369	2167	2259	2542	2208	2163
1968	2081	1686	1727	1601	1587	1725	1527	1446	1560	1511	1451	1454	1379	1238	1136	1126	1183	1103	1034	984
1969	2880	2804	2607	2747	2705	2739	2862	2818	2615	2496	2422	2256	2519	2231	2174	2064	1912	1829	1757	1761
1970	7292	5629	5432	5384	5233	5293	4873	4392	4056	3828	4584	4173	3339	3265	3018	2664	2800	2501	2534	2096
1971	7281	7332	7399	7436	7164	6518	6245	6152	5755	5754	5905	5427	5030	4878	4753	4678	4518	4564	4287	4264
1972	6486	6094	5750	5201	4973	4693	4811	4621	4291	3993	3638	3563	3437	3376	3240	3175	2773	2727	2538	2483
1973	2191	1957	2107	1641	1735	1670	1405	1597	1160	1039	1420	1170	1143	220	2350	1164	1071	930	879	874
1974	7807	7697	7274	5735	5458	5419	5174	4806	4798	4544	4369	4287	3806	3680	3272	3686	3475	3230	3045	2972
1975	7192	8252	3012	9540	3837	10405	10178	9694	8668	8215	7805	6828	7216	6701	5717	4728	4466	4165	3732	3245
1976	3292	3454	3107	2965	2371	2353	2798	2632	2679	2316	2508	1911	2098	2028	1751	1654	1563	1592	1777	2074

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

JULY

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
89	1414	1279	1385	1197	1289	1147	1133	1088	1083	963	926	1012	892	902	1157	1139	933	911		42,726
08	2075	1941	1913	1883	1732	1679	1609	1571	1554	1484	1454	1446	1187	1385	1049	1274	1118	1026		69,556
08	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638		179,799
37	1605	1432	1576	1544	1403	1508	1233	1387	1378	1418	1156	1221	1478	966	1054	1095	973	1045		53,163
55	2355	2179	2136	2081	1791	1789	1709	1623	1644	1471	1533	1244	1340	1233	1203	1196	1261	1075		69,520
149	1825	1810	1555	1820	1720	1568	1480	1659	1496	1298	993	1320	1493	1484	1485	1165	1225	1250		62,960
125	1807	1814	1681	1557	1504	1404	1350	1360	1328	1160	1145	1128	1112	1097	1080	1063	1065	1033		55,323
114	1736	1500	1614	1522	1362	1355	1287	1384	1228	1237	1222	1077	966	900	890	920	918	814		54,686
302	1357	1481	1440	1295	1244	1104	1083	1457	1190	1125	1093	972	902	866	925	1033	829	888		46,771
324	3506	3215	3369	3035	2818	2518	2452	2039	2219	2040	2053	1089	1902	1736	1862	1755	1529	1408		119,699
003	2998	2845	2940	2681	2766	2448	2407	2338	2136	2073	1912	1688	1956	1755	2221	1677	1978	1541		97,534
300	3177	2507	2564	2219	2354	2504	2070	2245	1904	2106	1989	1965	1657	1702	1726	1596	1745	1668		85,749
683	4618	4497	3800	3229	3205	2872	2749	2313	2386	2327	2097	2154	1909	1883	1931	1769	1604	1678		127,235
958	2756	2748	2948	2581	2549	2358	2044	1968	2099	1813	1878	1733	1851	1694	1647	1759	1341	1439		89,509
506	2465	2116	2312	2027	2196	1963	1824	1660	1616	1489	1732	1628	1422	1295	1371	1533	1355	1424		65,869
3858	2854	3341	3069	2438	2619	2616	2203	2504	2516	2360	1941	2194	2032	1974	1712	1981	2036	1447		94,422
2577	2035	2157	2286	1967	1814	1697	1672	1751	1647	1587	1464	1439	1282	1464	1299	1329	1487	1576		74,153
2188	2170	2145	1957	2225	1777	2134	1720	1808	1779	1840	1407	1817	1355	1617	1566	1465	1556	1913		71,233
1746	1671	1528	1795	1538	1323	1340	1423	1235	1495	1201	1170	873	1127	1052	1108	666	1108	1019		52,448
1151	1476	1242	1473	1079	1247	1136	881	925	1132	1104	584	876	763	730	589	1024	392	1005		40,787
1020	995	836	799	900	608	773	776	761	733	754	752	665	630	685	1082	739	562	717		28,410
2388	2241	2261	2074	1950	1682	1772	1638	1631	1608	1368	1597	1457	1536	1890	1523	1366	1343	1209		71,456
2461	1975	2595	2369	2138	1952	1565	2216	1769	1624	1606	1690	1171	1802	1460	1420	1351	1334	1282		74,384
2443	2385	2277	2153	1898	2106	1857	1805	1549	1557	1453	1408	1667	1211	1226	1359	1360	1432	1497		76,473
5829	5229	4902	4894	4779	4570	4694	4397	3995	3836	3732	3302	3244	3072	2685	2903	2907	2438	2616		169,482
862	830	693	651	723	718	165	441	1046	946	382	687	753	720	706	535	532	324	759		27,000
2696	2511	2369	2167	2259	2542	2208	2163	1787	1969	1560	1847	1547	1603	1332	1325	1297	1093	1127		88,641
1379	1238	1136	1126	1183	1103	1034	984	999	879	896	922	911	1020	879	487	831	779	921		38,063
2519	2231	2174	2064	1912	1829	1757	1761	1581	1634	1559	1510	1529	1507	1606	1338	1421	1308	1237		64,428
3339	3265	3018	2664	2800	2501	2534	2096	2128	2180	2213	1894	1960	1949	1611	1681	1604	1651	1519		102,776
5030	4878	4753	4678	4518	4564	4287	4264	4082	3635	3617	3627	3224	2824	2736	2628	2447	2338	2220		148,718
3437	3376	3240	3175	2773	2727	2538	2483	2318	2345	2582	2001	2087	1963	1995	1925	1795	1762	1623		104,259
1143	220	2350	1164	1071	930	879	874	1083	1208	950	1069	876	838	869	704	1036	562	636		37,554
3806	3680	3272	3686	3475	3230	3045	2972	2856	2716	2595	2555	2170	2144	2124	2070	1883	1859	1862		119,368
7216	6701	5717	4728	4466	4165	3732	3245	3188	2998	2780	2717	2504	2061	2223	2108	1877	2045	2598		172,735
2098	2028	1751	1654	1563	1592	1777	2074	2285	1600	1525	1424	1410	1502	948	1110	1372	1079	1278		63,056

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	20
1895	1280	1210	1210	1210	1210	1140	1140	1140	1070	1070	1070	1070	1070	1070	1070	1010	1010	950	950	950
1896	2190	1870	2190	1770	1680	1680	1590	1590	1590	1510	1510	1350	1280	1210	1210	1210	1210	1070	1070	1010
1897	1380	1380	1250	1320	1320	1320	1320	1250	1250	1180	1180	1180	1120	1120	1120	1060	990	990	925	925
1898	892	1060	892	892	892	892	892	892	892	892	892	806	806	806	721	721	550	550	721	721
1899	2390	2060	2060	2060	2060	2060	2200	2390	2390	2060	1940	1940	1760	1700	1700	1700	1700	1580	1520	1580
1900	930	920	905	905	895	905	895	895	895	830	822	855	870	880	845	830	845	830	822	830
1901	1060	1060	1060	1050	1010	955	860	758	758	758	800	830	818	830	800	830	818	800	800	818
1902	1040	970	900	900	830	900	900	830	527	575	635	830	865	879	886	865	830	830	830	795
1903	1240	1200	1110	1070	1280	865	905	828	828	828	828	828	790	790	790	768	828	752	752	715
1904	1560	1500	1500	1500	1450	1600	1550	1660	1660	1160	1160	1120	1120	1120	1100	1070	1100	1070	1100	1100
1905	820	760	760	760	760	760	700	675	650	650	650	650	650	625	625	625	625	625	600	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

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1070	1070	1070	1010	1010	950	950	950	950	890	890	890	890	890	890	950	890	890	890	31,810
1280	1210	1210	1210	1210	1070	1070	1010	1010	950	1010	1010	950	1010	950	1010	1010	1070	1210	40,980
1120	1120	1120	1060	990	990	925	925	860	795	860	860	860	990	990	990	990	990	860	33,625
806	806	721	721	550	550	721	721	721	721	550	550	550	550	550	550	550	636	550	22,860
1760	1700	1700	1700	1700	1580	1520	1580	1700	1820	1820	1700	1580	1460	1400	1220	1220	1100	1100	54,970
870	880	843	830	845	830	822	830	822	822	855	880	905	870	855	855	822	830	830	26,750
818	830	800	830	818	800	800	818	830	830	800	800	740	770	740	788	770	800	770	26,111
883	879	886	865	830	830	830	795	795	774	760	760	760	728	728	728	695	695	708	24,748
790	790	790	768	828	752	752	715	715	715	715	715	715	752	790	865	905	828	790	26,500
1120	1120	1100	1070	1100	1070	1100	1070	1160	1160	1160	840	840	750	682	682	682	930	930	35,986
630	623	623	623	625	625	625	600	600	580	580	580	580	580	580	580	560	560	560	19,935
810	840	810	730	750	725	675	700	700	750	845	920	880	780	780	725	780	780	750	26,205
1600	1320	1480	1440	1400	1360	1320	1320	1280	1210	1280	1320	1400	1400	1400	1400	1320	1240	1210	50,800
930	960	1220	1030	1080	990	990	960	990	990	1020	990	900	900	870	870	870	870	870	32,460
1020	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	890	870	850	890	850	830	830	830	830	850	830	850	830	850	27,985
1200	1200	1160	1130	1130	1100	1100	1100	1070	1070	1070	1070	1040	1040	1020	1020	1020	1020	993	37,453
1300	1230	1230	1230	1160	1160	1160	1160	1160	1100	1040	1040	1040	1040	1040	1040	990	990	990	41,690
1380	1310	1310	1310	1230	1160	1160	1160	1160	1020	1020	1020	1020	1020	1020	1020	1020	956	956	41,482
937	937	937	873	873	873	873	873	873	812	812	806	800	794	788	782	776	776	776	29,371
631	640	636	640	618	577	582	588	582	578	579	598	620	595	591	569	534	536	538	20,463
1264	1239	1207	1198	1251	1277	1390	1287	1234	1187	1138	1081	1055	1021	1002	1000	983	1052	1016	40,051
1008	997	971	969	1010	1093	1076	1007	967	925	905	881	849	831	874	862	827	809	790	32,612
814	893	875	964	1064	1021	981	893	820	700	809	925	848	850	807	817	879	930	784	28,146
670	667	624	621	585	593	563	556	546	537	543	522	494	492	482	484	490	502	503	18,202
621	378	553	571	579	595	558	526	480	504	553	624	620	592	604	632	657	670	639	20,293
1109	1069	1074	996	975	998	928	802	906	762	879	619	748	831	780	747	551	687	683	31,454
1003	980	989	926	961	943	987	935	910	883	862	827	804	825	846	836	854	867	887	32,605
1091	1033	854	1103	1030	898	829	1027	1612	1212	1070	1135	684	1051	892	884	815	779	821	33,776
386	366	376	376	370	370	370	413	461	431	415	401	387	374	365	361	386	381	381	12,213
1177	1208	1278	1096	1073	974	1004	1023	908	901	817	802	874	754	750	664	821	735	755	30,365
314	432	306	399	438	462	658	782	639	553	536	487	499	508	474	489	441	509	503	15,429
1163	1380	1423	1498	1297	1284	1323	1089	1147	1025	1040	925	978	867	950	938	724	920	974	37,227
841	761	834	767	802	641	840	887	658	702	673	687	671	612	713	623	695	645	737	25,923
580	539	594	492	490	409	562	553	535	482	502	523	389	502	625	609	579	652	596	17,858
1061	848	974	904	783	798	738	764	725	661	569	574	540	577	540	640	564	731	465	22,461
473	429	310	464	401	390	388	381	363	354	355	360	360	355	360	347	361	361	356	11,976
1006	849	960	873	836	843	779	734	739	800	796	859	691	684	727	914	865	952	841	28,762
666	673	702	684	783	687	678	600	563	555	692	510	699	674	713	643	626	533	657	21,982
370	450	380	366	362	384	310	368	356	333	337	474	346	321	323	353	318	404	451	11,785
540	559	599	810	494	671	656	572	548	510	549	432	519	521	472	602	560	556	421	19,029
934	844	932	823	519	608	624	518	608	619	596	600	596	614	589	544	527	509	693	21,677
436	324	320	365	423	367	417	333	357	338	247	342	386	444	462	447	381	457	466	12,974
1073	1101	1192	1171	1099	996	1093	1054	959	1167	1093	1113	1000	1066	952	940	971	896	886	35,595
519	539	559	443	326	408	402	316	300	426	398	354	453	340	383	399	450	428	424	14,227
410	499	564	400	381	416	497	391	496	470	368	481	370	540	451	435	364	405	404	15,404

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	991	891	848	894	776	760	706	873	706	600	740	1357	1754	1117	913	854	877	861	1240	962
1942	1036	1059	1043	1031	827	1049	826	849	949	769	890	705	897	672	906	639	617	718	677	567
1943	2472	2509	2404	2325	2303	2145	2016	1848	1868	2033	1608	1490	1672	1704	1570	1432	1519	1397	1520	1192
1944	1032	1089	1124	1007	865	917	731	675	1018	820	650	665	674	707	647	621	644	703	619	499
1945	1113	1029	1248	985	1109	992	1039	1307	979	988	1084	926	890	840	788	853	767	801	635	735
1946	1385	1289	1241	1032	1020	1124	1138	993	947	870	867	870	895	684	933	734	989	590	772	811
1947	865	900	972	902	913	857	796	799	631	735	737	761	649	733	699	698	696	695	693	692
1948	822	842	841	811	789	782	775	759	748	745	751	751	735	715	694	697	693	695	693	682
1949	714	1286	686	531	614	519	568	576	606	736	686	737	708	848	758	765	892	780	745	690
1950	1557	2489	1707	1301	1602	1840	1591	1597	1323	1350	1472	1452	1300	1400	1136	1127	1017	1025	949	976
1951	1515	1604	1521	1631	1721	1769	1389	1309	1254	1341	1165	1414	892	1130	968	867	816	1110	976	759
1952	1299	2104	1336	1563	1186	1213	1262	1486	1364	1243	1214	1188	998	1392	1495	804	823	1077	948	1009
1953	1336	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	1305	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	1818	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	1505	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
1971	2352	1999	1989	2019	1958	1869	1931	1931	1524	1649	1623	1473	1590	1412	1522	1404	1443	1408	1214	1342
1972	1759	1619	1623	1593	1636	1379	1433	1259	1279	1129	1309	1030	1164	1103	1231	1408	998	1004	948	1159
1973	659	613	743	817	836	700	749	485	813	635	671	688	621	807	555	713	632	601	584	623
1974	1694	1658	1728	1757	1481	1762	1463	1657	1577	1438	1414	1411	1295	1223	1264	1245	1124	1065	1085	1105
1975	2032	1982	1751	1703	1647	1550	1485	1580	459	2316	1373	1360	1122	1215	927	1288	1257	1067	1298	1239
1976	1498	1683	1894	601	1694	1334	1264	1352	832	1066	1034	939	923	1050	852	947	1289	576	1160	1184
																			1185	92

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

AUGUST

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
54	1117	913	854	877	861	1240	962	832	878	800	709	864	813	815	701	752	710	654	27,248	
97	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	
195	684	933	734	989	590	772	811	768	705	934	790	904	919	808	919	899	763	776	28,309	
549	733	699	698	696	693	693	692	693	692	691	692	692	690	688	684	709	676	754	23,084	
735	715	694	697	693	695	693	682	683	673	675	676	675	677	667	652	644	636	628	22,306	
708	848	758	765	892	780	745	690	617	525	544	602	589	459	600	515	544	549	571	20,560	
300	1400	1136	1127	1017	1025	949	976	1019	1059	945	1010	1094	894	863	960	801	729	725	38,310	
892	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	1032	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	
1199	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	539	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	
1590	1412	1522	1404	1443	1408	1214	1342	1054	1274	788	1122	1145	1119	954	942	1135	832	1233	45,250	
1164	1103	1231	1408	998	1004	948	1159	832	966	885	798	879	847	1154	690	782	762	780	35,438	
621	807	555	713	632	601	584	623	665	637	596	600	620	713	724	621	726	866	622	20,935	
1295	1223	1264	1245	1124	1065	1085	1105	1238	1206	1136	990	1186	1187	753	856	788	795	902	39,483	
1122	1215	927	1288	1257	1067	1298	1239	1415	1248	1277	1371	1722	1357	1125	1106	1023	1090	900	42,351	
923	1050	852	947	1209	976	1160	1184	1185	988	106	1763	1234	977	1066	1000	888	649	809	34,302	

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	20	21
1895	830	830	830	890	890	890	890	890	890	950	1070	1070	1070	1070	1140	1140	1070	1010	950	1010	950
1896	1210	1210	1070	1010	950	950	950	890	890	890	950	950	890	950	950	950	890	890	830	890	890
1897	860	990	990	990	1120	1120	1120	990	990	1120	1120	1120	1250	1250	1120	1120	1120	990	990	990	1120
1898	550	550	636	636	636	636	636	636	636	721	721	721	721	721	721	721	721	636	550	550	550
1899	1340	1340	1340	1340	1280	1220	1220	1220	1220	1220	1220	1100	1100	1100	1220	1280	1160	1100	1100	1100	1100
1900	810	810	802	810	930	990	905	855	855	870	905	822	822	810	830	810	822	830	870	855	845
1901	770	770	770	830	830	800	800	800	800	770	770	740	770	770	770	800	770	800	770	770	830
1902	728	728	695	695	665	665	653	635	635	665	695	665	635	665	695	665	635	665	695	695	695
1903	828	752	715	715	715	715	715	715	715	715	715	828	945	945	945	905	828	790	715	715	715
1904	840	622	622	622	622	622	280	280	280	280	840	840	840	840	840	840	840	750	795	750	840
1905	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	580	580	580	580
1906	750	750	780	725	700	700	675	675	675	675	675	675	780	810	750	725	700	700	675	675	650
1907	1210	1240	1240	1280	1210	1240	1180	1100	1070	1040	1070	1100	1070	1040	1040	1000	1000	965	1000	965	930
1908	870	840	810	810	782	810	840	990	930	870	900	930	900	870	840	930	990	1260	1120	1020	990
1909	1020	1170	1250	750	1050	1170	1170	1090	1010	940	970	970	1000	910	870	840	840	840	840	840	780
1910	830	850	850	850	830	850	830	830	810	810	780	780	780	810	965	1100	1380	1230	1230	1100	1040
1911	993	969	969	969	993	1020	1070	1070	1070	1020	993	993	969	969	947	947	969	969	969	993	993
1912	1040	1100	1040	1230	1300	1160	1160	1160	1160	1100	1040	1160	1160	1160	1100	1100	1100	1160	1160	1100	1040
1913	956	892	956	956	892	892	892	892	956	1160	1020	956	892	892	830	830	830	892	892	886	880
1914	718	718	718	718	718	718	718	718	718	718	718	718	836	836	1030	1170	1100	1100	1100	1030	1030
1915	678	868	753	675	660	653	646	619	624	627	632	609	679	682	656	665	648	630	631	607	597
1916	976	944	940	969	962	944	933	916	929	1025	1006	988	957	925	917	905	880	855	843	843	836
1917	781	766	783	754	741	731	725	713	698	683	694	701	705	765	772	736	715	699	679	667	655
1918	752	718	858	725	659	520	623	619	655	878	1037	1044	856	912	900	1008	927	948	936	1527	817
1919	502	493	503	511	511	500	504	524	542	546	523	495	470	464	491	523	581	736	797	739	712
1920	684	653	657	590	517	473	464	519	544	555	565	588	528	570	620	725	708	673	749	638	630
1921	756	718	733	730	774	842	721	686	726	680	693	632	748	867	847	767	717	751	839	883	1037
1922	940	969	947	927	905	865	845	823	807	801	797	793	767	756	735	715	715	715	745	785	756
1923	832	859	770	817	766	797	714	631	716	685	679	628	753	645	701	697	652	598	640	638	645
1924	386	381	381	390	377	395	390	391	385	394	385	380	386	382	388	388	388	387	402	434	455
1925	743	736	669	658	544	686	825	1055	950	903	805	796	816	768	832	856	833	770	731	768	877
1926	529	509	506	479	493	456	481	460	469	460	456	460	460	460	461	490	526	521	483	503	498
1927	803	929	909	835	971	752	768	782	838	864	972	1120	976	1069	1143	1009	1057	859	934	889	1022
1928	717	545	682	590	592	665	619	629	718	646	691	703	868	880	793	716	697	662	640	735	690
1929	546	547	535	458	491	525	595	406	783	574	518	585	504	407	381	515	476	393	448	450	535
1930	621	537	467	526	584	737	508	562	599	562	552	783	772	676	664	589	555	602	567	574	499
1931	347	346	346	346	339	331	339	325	326	360	355	370	373	377	384	384	379	375	374	379	430
1932	828	894	841	764	734	654	677	703	656	724	601	921	778	745	793	501	892	550	650	642	672
1933	700	611	527	697	671	600	556	623	656	521	674	475	577	503	534	677	736	693	611	744	569
1934	485	423	354	374	376	384	381	378	380	378	367	470	405	350	465	501	498	633	520	376	403
1935	453	507	447	547	552	625	519	516	505	517	527	465	460	508	487	500	499	538	461	482	421
1936	666	646	664	707	805	356	826	706	682	670	630	630	592	622	809	607	601	688	584	597	631
1937	490	488	398	390	487	407	522	472	387	352	385	453	184	300	342	555	267	438	391	447	474
1938	884	992	794	943	767	849	776	900	868	822	791	792	832	669	836	690	784	732	749	710	693
1939	445	432	431	477	486	475	488	440	502	461	514	384	538	649	629	599	627	621	585	551	596
1940	378	527	547	523	797	653	676	617	644	650	599	573	574	787	698	696	661	649	684	822	833

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

SEPTEMBER

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1	1070	1140	1140	1070	1010	950	1010	950	950	950	950	1010	1010	950	950	950	950		29,000
1	950	950	950	890	890	830	890	890	830	890	1010	1070	1040	1010	1010	950	890		28,750
1	1250	1120	1120	1120	990	990	990	1120	1120	1120	1120	1120	860	860	860	860	860		31,260
1	721	721	721	721	636	550	550	550	550	721	636	721	636	636	636	721	721		19,584
1	1100	1220	1280	1160	1100	1100	1100	1100	1050	1050	1050	1050	986	986	986	986	986		34,450
2	810	830	810	822	830	870	855	845	830	845	830	855	870	888	880	870	880		25,606
0	770	770	800	770	800	770	770	830	860	920	990	990	976	976	890	890	860		24,852
5	665	695	665	635	665	695	695	695	695	695	695	695	695	695	695	695	728		20,457
5	945	945	905	828	790	715	715	715	752	730	715	715	715	715	828	828	828		23,172
0	840	840	840	840	750	795	750	840	750	840	840	840	840	930	930	930	930		21,915
0	560	560	560	560	580	580	580	580	580	580	580	600	600	625	625	650	650		17,330
80	810	750	725	700	700	675	675	650	625	625	625	625	625	625	625	625	625		20,545
70	1040	1040	1000	1000	965	1000	965	930	965	930	930	900	900	870	810	870	870		31,035
00	870	840	930	990	1260	1120	1020	990	960	930	930	930	960	990	930	930	900		27,762
00	910	870	840	840	840	840	840	780	790	850	850	880	850	850	920	1070	1230		28,610
80	810	965	1100	1380	1230	1230	1100	1040	990	940	940	965	965	965	965	965	965		28,195
69	969	947	947	969	969	969	993	993	993	993	993	993	993	993	993	993	1020		29,818
60	1160	1100	1100	1100	1160	1160	1100	1040	1040	1040	1040	1040	1040	1040	1040	1040	990		33,040
82	892	830	830	830	892	892	886	880	873	1000	867	861	918	855	849	842	836		27,145
36	836	1030	1170	1100	1100	1100	1030	1100	1030	963	963	963	898	898	898	898	898		26,327
579	682	656	665	648	630	631	607	607	597	594	596	592	600	839	772	708	689		19,836
957	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
778	745	793	501	892	550	650	642	863	672	657	657	679	627	679	679	651	653		21,365
577	503	534	677	736	693	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	674	721	708	703	766	803		23,455	
538	649	629	599	627	621	585	551	596	576	4	561	518	519	445	446	374	382		15,218
574	787	698	696	661	649	684	822	853	727	75	715	650	658	581	618	672	794		19,774

SEPTMBER

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	708
1942	590	698	519	647	559	574	499	521	533	505	620	622	681	634	606	647	627	619	554	775
1943	1164	1144	1073	1106	1027	1032	957	1034	987	826	809	1008	861	966	842	859	738	753	662	814
1944	416	563	575	641	562	728	670	609	577	560	528	764	413	532	432	443	467	546	726	725
1945	685	629	583	565	528	608	543	508	658	508	659	629	572	538	174	651	625	611	646	667
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	708	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
1971	998	871	855	1002	1333	767	770	1294	1329	1160	1163	1095	1086	999	1041	963	1053	1028	954	1130
1972	803	870	904	801	885	1055	1029	1037	809	874	839	1049	1192	1072	1010	924	966	894	1224	1333
1973	549	764	761	722	597	676	641	584	888	758	642	662	587	557	613	609	698	754	4	512
1974	770	794	929	708	887	702	690	409	815	1235	1069	1092	1108	1251	786	1017	966	715	1007	962
1975	359	998	1083	915	858	783	886	815	928	776	602	574	1112	1084	1084	1021	1025	999	975	930
1976	841	820	763	936	845	629	979	857	1128	867	833	1548	1711	1164	1101	1363	1188	1098	1445	1350
																				1268

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

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
2155	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
999	1041	963	1053	1028	954	1130	1112	1080	1065	1027	1144	1118	1022	1082	1204	1278		32,023
1072	1010	924	966	894	1224	1333	1315	1079	1198	1014	1145	657	1148	1361	1176	1081		30,744
557	613	609	698	754	4	512	1392	1189	837	827	1209	1131	928	943	1662	(-16)		22,680
1251	786	1017	966	715	1007	962	904	1134	1028	740	873	1070	866	893	911	815		27,146
1084	1084	1021	1025	999	975	930	996	904	588	1086	797	1004	866	906	963	923		27,740
1164	1101	1363	1188	1098	1445	1350	1268	1226	762	2096	1179	1311	1430	1078	895	1263		33,974

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	20
1895	950	950	950	950	890	890	890	890	950	950	950	950	950	950	890	890	890	890	950	950
1896	890	950	830	830	890	830	950	890	830	830	890	830	830	830	890	830	830	890	890	830
1897	860	925	925	925	925	925	990	925	925	990	1060	1120	1120	1060	1060	1060	990	990	1060	925
1898	550	636	721	721	721	721	721	721	721	892	978	892	892	978	892	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	2060
1900	880	930	930	930	1050	1120	990	960	930	930	930	930	920	920	905	905	880	905	1020	1020
1901	860	860	941	990	1020	1080	990	1020	990	890	890	890	890	890	890	878	860	860	860	860
1902	728	728	708	708	695	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	865
1904	930	885	750	682	750	840	930	930	975	1020	1020	1020	975	930	930	1120	1120	1120	1160	1020
1905	650	650	625	625	625	600	600	650	650	675	675	675	675	700	700	730	760	730	700	675
1906	625	600	625	675	725	725	700	650	650	625	625	650	700	675	625	675	700	725	700	700
1907	900	900	900	900	900	900	900	900	930	965	900	870	965	1110	965	965	930	930	930	930
1908	870	870	870	900	900	900	870	870	840	840	840	840	870	900	2580	2030	1470	1330	1220	1260
1909	1070	1030	950	1030	1120	1120	1120	1120	1080	1030	1000	1000	970	930	930	950	950	950	990	1100
1910	965	965	990	1340	1300	1100	1070	1040	1020	1020	990	990	990	990	990	990	1020	1130	1040	1020
1911	990	1095	1140	1095	1060	1060	1095	1035	1010	1060	1265	1170	1170	1170	1170	1110	1095	1060	1060	1060
1912	990	990	990	990	1070	1230	1160	1100	1130	1100	1070	1070	1070	1040	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	1020
1914	898	961	1170	1100	1030	1030	1030	1030	1030	1030	1100	1030	1030	1030	961	961	961	1170	1410	1330
1915	635	663	665	710	697	686	677	672	664	672	682	666	695	702	708	700	691	696	687	679
1916	909	1009	980	954	949	925	988	1077	1003	984	1022	1038	987	964	941	933	934	941	940	919
1917	732	730	721	721	719	705	696	701	698	698	692	687	690	690	726	775	764	772	714	779
1918	867	891	909	893	817	576	1013	1346	1312	1178	1095	1049	1024	980	968	1009	1127	1245	1186	1102
1919	611	838	973	1080	972	875	822	817	815	841	774	763	719	749	723	750	784	813	768	727
1920	828	823	803	786	746	730	766	839	886	903	1048	1180	1288	1203	1230	1215	1190	1079	1037	1088
1921	865	872	890	879	858	937	961	861	878	975	1002	908	835	786	728	645	750	1022	934	972
1922	789	783	791	764	764	764	771	785	785	764	757	778	835	880	831	803	794	773	794	796
1923	841	762	732	738	1013	1078	1043	1393	1199	1087	1001	945	912	827	804	961	973	1019	1010	943
1924	483	476	521	657	576	550	540	533	541	538	610	621	596	584	590	586	549	596	565	603
1925	961	832	768	731	866	899	1252	1035	991	943	808	1069	1220	1009	1030	1179	1131	948	990	952
1926	553	544	538	549	529	530	525	528	528	538	528	556	540	523	560	571	569	591	524	562
1927	1297	1306	1228	1273	1299	1173	807	1426	1131	1052	1082	1009	930	886	1071	861	845	755	723	1091
1928	642	667	663	636	845	925	884	771	814	808	811	811	860	850	840	846	840	819	771	800
1929	580	607	590	562	563	510	620	581	630	598	600	598	697	688	798	669	662	720	663	670
1930	861	1023	1048	991	790	869	985	900	1655	1374	1028	1058	826	877	806	785	748	654	693	638
1931	486	460	448	441	426	442	466	485	417	451	465	456	444	446	437	456	506	501	478	488
1932	644	533	766	594	614(-2566)	699	769	804	760	756	727	715	708	714	686	695	907	892	698	879
1933	666	616	627	667	632	637	626	610	592	910	953	787	729	599	761	833	592	591	587	597
1934	471	419	443	479	483	474	466	607	571	537	556	515	451	378	539	550	556	554	560	566
1935	518	518	491	516	493	498	498	515	496	517	516	532	535	541	534	474	521	577	581	554
1936	620	626	602	578	580	608	592	617	605	627	573	556	746	641	585	654	631	638	638	656
1937	466	480	470	497	471	483	434	540	485	524	516	509	494	491	491	520	885	1130	924	730
1938	808	931	997	1136	1012	891	935	960	946	899	952	865	979	924	906	1155	1261	1207	1142	1082
1939	475	654	683	672	658	712	837	853	725	697	658	661	663	618	602	628	622	614	602	619
1940	773	929	1193	1252	1102	1023	883	878	827	830	738	791	764	720	783	667	728	730	682	710

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

OCTOBER

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
150	950	890	890	890	890	950	950	890	890	890	950	950	950	890	890	890	890	920	28,520
130	830	890	830	830	890	890	830	830	890	890	890	830	830	950	950	950	830	1010	27,110
120	1060	1060	1060	990	990	1060	925	990	990	990	1120	1250	1250	1120	1060	1060	1060	1060	31,710
892	978	892	892	892	892	892	892	892	892	978	978	892	892	978	978	978	978	978	26,631
100	1160	1160	1160	1220	1460	1880	2060	2390	2060	1940	1820	1580	1460	1460	1460	1460	1460	1340	41,832
920	920	905	905	880	905	1020	1020	1360	1190	1410	1230	1120	1120	1120	1070	1080	1050	1050	31,785
890	890	890	878	860	860	860	860	860	878	860	860	860	860	860	955	990	920	920	28,232
695	695	695	695	695	695	695	695	695	728	760	830	900	900	865	830	795	760	760	22,815
070	1070	1020	945	945	865	865	865	865	865	865	842	790	790	828	842	842	842	828	29,277
975	930	930	1120	1120	1120	1160	1020	1020	948	930	930	930	930	975	930	930	930	930	29,490
675	700	700	730	760	730	700	675	700	730	730	760	790	760	730	730	730	730	730	21,490
700	675	625	675	700	725	700	700	700	700	700	700	700	700	700	725	725	725	725	21,175
965	1110	965	965	930	930	930	930	930	930	930	930	900	900	900	965	965	965	1040	28,945
870	900	2580	2030	1470	1330	1220	1260	1400	990	1120	1080	1080	1080	1080	1080	1080	1080	1080	34,220
970	930	930	950	950	950	990	1100	1070	1030	990	990	990	990	950	990	1030	990	1110	31,570
990	990	990	990	1020	1130	1040	1020	1020	990	990	990	965	965	965	940	940	940	940	31,605
1170	1170	1170	1110	1095	1060	1060	1060	1035	1035	1035	1035	1060	1060	1060	1035	1010	990	1010	33,335
1070	1040	1040	1040	1040	1040	1040	1040	1040	990	1070	1100	1040	1040	1100	1300	1265	1195	1100	33,480
1150	1220	1080	1020	1080	1020	1020	1020	1080	1080	1020	1020	1020	1020	1020	1020	950	950	950	31,762
1030	1030	961	961	961	1170	1410	1330	1410	1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	34,842
695	702	708	700	691	696	687	679	683	680	668	681	690	707	708	695	693	700	653	21,205
987	964	941	933	934	941	940	919	926	922	902	898	934	936	936	939	922	921	920	29,553
690	690	726	775	764	772	714	779	791	760	778	774	789	800	805	785	789	643	878	23,002
1024	980	968	1009	1127	1245	1186	1102	1088	1153	1015	984	985	969	930	1017	1098	1169	1151	32,146
719	749	723	750	784	813	768	727	742	727	725	718	750	717	694	653	661	678	705	23,984
1288	1203	1230	1215	1190	1079	1037	1088	1038	1035	990	980	956	925	928	933	935	800	795	29,983
835	786	728	645	750	1022	934	972	921	908	912	821	904	869	958	1057	923	993	922	27,746
835	880	831	803	794	773	794	796	796	800	1155	1017	984	1063	992	906	1058	719	793	26,084
912	827	804	961	973	1019	1010	943	973	973	1402	1287	1064	1033	1005	968	977	908	925	30,796
596	584	590	586	549	596	565	603	563	557	561	540	550	538	544	683	1314	1303	1141	19,609
1220	1009	1030	1179	1131	948	990	952	861	920	848	844	827	900	872	799	840	993	894	29,212
340	523	560	571	569	591	524	562	592	570	571	523	587	570	565	664	691	610	612	17,441
930	886	1071	861	845	755	723	1091	708	820	1036	1094	1019	1098	1381	1510	1409	1196	1386	33,902
860	850	840	846	840	819	771	800	674	943	800	779	713	760	794	780	870	900	1012	24,928
697	688	798	669	662	720	663	670	645	644	631	631	631	631	635	637	689	648	650	19,678
826	877	806	785	748	654	693	638	688	734	917	771	803	842	815	729	821	746	781	27,256
444	446	437	456	506	501	478	488	518	508	573	639	639	637	654	602	556	596	591	15,712
715	708	714	686	695	907	892	698	879	627	705	1101	761	682	752	760	723	881	585	19,571
729	599	761	833	592	591	587	597	609	595	610	616	598	591	580	592	603	650	1186	20,842
451	378	539	550	556	554	560	566	575	619	717	760	1020	997	877	757	720	697	699	18,613
535	541	534	474	521	577	581	554	556	481	636	585	574	671	621	548	575	571	565	16,808
746	641	585	654	631	638	638	656	618	727	640	623	716	696	702	757	672	656	696	19,886
494	491	491	520	885	1130	924	730	680	634	624	612	602	521	570	598	576	563	593	18,113
979	924	906	1155	1261	1207	1142	1082	1067	996	954	910	932	852	877	951	906	906	972	30,313
663	618	602	628	622	614	602	619	656	627	624	699	639	632	631	583	503	852	533	20,237
764	720	783	667	728	730	682	710	757	691	681	795	884	1025	973	944	941	889	993	26,584

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1941	592	699	661	649	748	781	812	797	732	715	591	676	783	804	698	802	849	849	797	855	9
1942	567	748	695	662	697	665	659	684	454	502	459	605	740	744	844	563	683	718	692	895	7
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940	1122	939	927	1006	876	1012	883	11
1944	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807	673	632	55
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746	689	777	846	792	81
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995	925	93
1947	536	648	559	703	619	638	645	518	632	876	803	947	941	874	777	822	2138	1452	1234	1063	981
1948	631	616	536	551	715	779	728	755	791	697	698	742	742	750	748	751	778	783	780	781	782
1949	523	572	575	794	757	945	995	893	834	861	999	851	855	817	777	801	825	834	746	749	703
1950	1159	1164	672	1056	1194	796	1258	919	1006	1431	840	1014 (-111)	1519	968	971	971	971	971	971	971	974
1951	971	1440	1748	1289	992	1113	1240	1236	681	948	1367	828	1338	1565	940	1752	1489	564	1047	1923	1634
1952	649	575	1515	745	854	547	1021	718	1198	565	690	798	489	891	948	855	759	976	789	875	809
1953	1120	651	838	320	945	660	269	725	668	864	516	931	733	866(-1531)	1483	874	834	911	998	659	
1954	476	1023	737	736	706	880	829	842	870	586 (-133)	1942	679	952 (-610)	1111	1246	907	863	851	905		
1955	982	835	426	380	798	711	587	929	920	1102	194	1254	986	1257	622	1702	660	591	1042	840	821
1956	1428	1040	1210	1055	955	1001	1050	956	1066	1386	1095	1440	1132	1153	591	834	767	1098	993	1042	800
1957	961	862	354	826 (-675)	684	1015	1104	994	932	940	1008	1004	896	1321	824	826	787	740	834	923	
1958	1068	969	983	968	1033	986	976	470	344	825	746	841	866	851	770	788	785	624	910	865	955
1959	1375	1133	1082	1038	897	1079	945	1358	1470	2135	1743	1741	1946	1248	1732	1360	1229	1076	1485	1213	1612
1960	689	371	550	83	378	684	1291	649	946	841	1051	1422	1067	748	716	715	648	655	790	721	743
1961	814	901	565	856	942	964	883	1058	436	487	1211	1020	819	963	801	786	765	686	641	712	707
1962	827	872	748	647	853	729	828	747	937	1148	1471	1452	1927	1567	2636	1803	1389	1570	1213	1234	929
1963	857	688	757	910	881	755	1003	1209	307	1201	1319	804	785	1123	695	1200	917	803	728	945	723
1964	599	678	780	782	818	657	804	787	776	904	792	689	548	812	716	950	791	730	778	709	689
1965	1041	1290	1004	1182	999	1286	1016	1133	1135	1052	1171	1312	914	1044	1379	1121	1123	1093	965	993	1042
1966	651	333	1002	503	537	539	516	710	733	654	617	595	766	707	335	807	884	686	569	605	627
1967	1044	1100	916	1040	871	835	556	1006	1587	1036	927	1027	989	630	895	1135	687	797	670	746	772
1968	914	870	752	865	879	836	781	864	689	774	800	897	1096	1480	1748	1833	1437	1267	1115	1026	1273
1969	866	835	950	929	833	870	872	834 (-525)	2460	1202	965	1273	1068	915	927	1060	981	899	853	832	85
1970	908	804	1003	914	716	855	856	960	869	1046	1178	1413	915	880	858	854	761	915	829	863	1037
1971	1223	1282	1187	1186	1246	1121	1212	1502	963	1042	1237	1044	1104	992	1115	1011	1066	1082	1001	1232	1089
1972	955	1154	1066	973	1125	1213	1093	1074	1009	1133	1206	1145	1102	1571	1157	1183	1157	1503	913	1080	1095
1973	924	705	814	681	765	762	769	897	825	809	730	791	775	733	856	656	752	691	617	621	641
1974	1090	946	1002	947	878	1026	946	1011	945	1179	946	928	980	970	894	1254	842	928	888	843	1119
1975	1012	969	902	969	951	106	1024	1185	1002	1051	1017	1447	1258	1022	1161	926	1004	1164	899	1011	1063
1976	1097	1035	1175	1167	1190	885	1077	1135	926	945	1024	1072	1080	964	814	1121	1204	1082	429	564	857

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

OCTOBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
304	698	802	849	849	797	855	902	900	761	755	870	840	882	842	914	876	868	24,300
744	844	563	683	718	692	895	720	764	720	760	651	626	702	792	737	835	699	21,282
122	939	927	1006	876	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
511	652	642	821	807	673	632	598	664	671	674	693	659	958	436	669	638	718	20,414
542	865	746	689	777	846	792	814	838	768	797	776	785	800	781	802	819	924	22,911
898	932	865	995	910	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
874	777	822	2138	1452	1234	1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
750	748	751	778	783	780	781	782	722	738	741	735	736	734	675	686	685	735	22,321
817	777	801	825	834	746	749	703	812	825	826	852	803	707	744	752	835	780	24,642
519	968	971	971	971	971	971	974	973	974	971	972	991	718	(-569)	1538	1588	1950	30,820
565	940	1752	1489	564	1047	1923	1634	512	703	2189	1316	1247	1554	2152	1275	1177	1422	39,652
891	948	855	759	976	789	875	809	1033	1026	753	831	587	892	1249	1315	631	471	26,054
866(-1531)	1483	874	834	911	938	659	916	769	735	906	902	974	628	791	789	691		22,435
952 (-610)	1111	1246	907	863	851	905	891	846	849	659	715	1018	883	761	732	824		24,666
257	622	1702	660	591	1042	840	821	769	919	722	645	883	698	1023	706	746	1102	25,852
153	591	834	767	1098	993	1042	800	909	1055	900	907	1336	1165	1318	1130	1443	1051	33,306
896	1321	824	826	787	740	834	923	1036	950	1020	914	1088	988	1165	753	1076	908	27,058
851	770	788	785	624	910	865	955	798	498	967	960	900	815	696	748	887	1029	25,921
248	1732	1360	1229	1076	1485	1213	1612	1190	1284	2293	1644	1448	1315	1657	1256	1106	1364	43,454
748	716	715	648	655	790	721	743	742	719	594	824	797	761	509	1030	1020	768	23,522
963	801	786	765	686	641	712	707	780	847	805	791	681	1175	1107	1287	725	860	26,075
1567	2636	1803	1389	1570	1213	1234	929	1285	1082	981	954	1091	967	1103	847	783	906	35,526
1123	695	1200	917	803	728	945	723	838	712	795	778	1064	766	643	782	753	779	26,520
812	716	950	791	730	778	709	689	735	741	707	816	775	778	913	780	928	742	23,704
1044	1379	1121	1123	1093	965	993	1042	1004	981	942	1191	1228	665	838	896	609	1076	32,725
707	335	807	884	686	569	605	627	706	772	756	742	707	587	687	420	619	682	20,054
630	895	1135	687	797	670	746	772	1166	639	767	874	717	767	1001	1419	1623	961	29,200
480	1748	1833	1437	1267	1115	1026	1273	1067	404	857	1161	937	916	1101	912	955	1109	31,615
068	915	927	1060	981	899	853	832	851	881	809	964	920	585	774	892	774	695	28,044
880	858	854	761	915	829	863	1037	981	1116	1568	1137	1129	970	806	903	1015	918	29,977
992	1115	1011	1066	1082	1001	1232	1089	1220	1089	1035	1041	949	1124	981	921	926	994	34,217
1571	1157	1183	1157	1503	913	1080	1095	1009	1041	996	937	1046	1020	985	877	976	844	33,650
733	856	656	752	691	617	621	641	690	709	776	897	949	782	776	812	844	814	23,863
970	894	1254	842	928	888	843	1119	1443	447	774	1008	959	785	996	982	1158	873	29,987
092	1161	926	1004	1164	839	1011	1063	1144	1475	1139	1028	1519	1514	1622	1139	1202	1174	34,969
964	814	1121	1204	1082	429	564	857	1039	1096	682	734	855	1212	1173	1052	718	862	30,291

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	20
1895	950	950	950	950	890	890	720	890	950	950	950	950	950	950	1010	1010	1010	950	950	950
1896																				
1897	1060			990				990			1060				990			1250		
1898	978	978	1060	1060	978	978	978	978	978	978	978	721	721	721	721	721	892	1150	1060	1150
1899	1340	1340	1220	1340	1340	1340	1340	1460	1400	1340	1520	1760	1820	1700	1580	1700	1640	1580	1580	1580
1900	1120	1120	1120	1120	1120	1120	1050	1050	1050	1020	990	960	990	990	990	990	990	1050	1050	960
1901	920	920	920	890	920	920	890	890	890	890	890	848	890	848	890	890	860	860	860	860
1902	760	760	760	760	795	830	900	984	1000	1000	1040	1040	1000	970	900	830	900	970	970	900
1903								828		828										
1904																				1110
1905	730	700	700	675	675	650	650	675	700	675	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	1160
1907	1040	1000	965	965	930	900	930	930	900	900	870	840	870	900	900	870	900	930	840	870
1908	1120	1120	1120	1080	990	990	990	1020	990	990	990	1020	1020	960	930	755	870	990	990	1050
1909	1190	1360	1360	1360	1310	1270	1270	1110	1150	1230	1390	1230	1150	1190	1070	990	1070	1150	1570	3850
1910	940	940	940	940	915	890	965	990	1160	1160	1230	1730	1600	1230	1160	1100	1100	1160	1160	1130
1911	1010	1010	990	1010	1060	1085	1085	1110	1230	1170	1060	930	970	1170	1300	1495	1300	1495	1230	1265
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	1220
1914	1170	1100	1100	1100	1100	1100	1030	1030	1030	961	961	961	1030	1030	961	780	830	898	731	839
1915	662	668	670	672	673	664	684	695	712	701	684	725	721	731	769	919	771	781	797	818
1916	922	918	916	906	899	913	901	873	883	905	854	733	622	824	1037	1057	1052	1052	1129	969
1917	932	773	924	887	795	896	786	786	792	780	786	774	822	822	792	804	807	1103	915	671
1918	1210	1166	1148	1056	1053	1032	1026	977	980	967	964	932	925	941	950	1005	1030	1037	994	960
1919	758	843	1035	1247	1430	1485	1424	1237	1054	964	931	906	888	821	783	806	889	969	985	1007
1920	779	877	869	869	886	886	888	907	921	895	824	787	806	868	914	898	1063	1444	1837	2402
1921	925	925	830	876	884	886	869	869	920	898	803	874	795	871	877	933	777	723	786	910
1922	865	924	830	794	764	734	769	869	1000	914	962	944	823	876	598	776	807	1013	1070	1066
1923	904	890	933	837	903	899	876	855	866	884	895	827	851	838	856	828	821	835	809	782
1924	1017	1180	937	902	1000	987	806	839	619	775	912	875	775	659	709	765	652	629	568	812
1925	767	777	952	828	684	775	671	797	826	829	1072	920	949	864	761	838	932	891	852	775
1926	525	552	556	523	568	528	681	709	709	595	695	907	1016	891	771	838	969	851		
1927	1131	1031	1132	1021	1235	1083	1309	1533	1649	4067	4329	2886	2420	2243	2191	1743	2746	2905	852	939
1928	1003	866	994	887	899	955	961	795	904	875	900	776	762	811	909	814	783	852	2331	2228
1929	653	650	650	577	678	581	655	555	616	561	561	752	613	529	535	601	567	674	611	622
1930	700	819	650	822	667	747	753	695	716	801	860	797	709	961	693	681	769	777	784	653
1931	515	518	522	526	476	516	526	648	591	646	582	489	444	474	558	616	614	536	506	465
1932	678	646	3322	826	764	884	1017	937	959	1148	949	778	853	897	822	794	908	937	1050	942
1933	1213	993	848	848	729	828	807	803	748	777	780	751	737	733	757	745	706	764	918	842
1934	753	761	823	728	687	860	1028	987	1062	872	847	781	717	775	680	673	693	778	954	898
1935	496	607	650	606	573	589	648	652	665	696	607	618	725	156	1050	544	767	750	755	683
1936	731	650	599	488	696	770	730	680	575	620	546	664	637	605	688	587	736	742	642	839
1937	582	596	653	629	649	555	541	556	639	664	659	655	661	729	818	777	754	851	613	1044
1938	1001	1201	1065	1606	2113	1509	1129	1117	1264	1276	1188	890	851	1318	1111	1031	1349	1343	1099	1097
1939	763	706	660	733	754	711	630	657	663	689	562	647	624	714	665	612	658	525	580	554
1940	1063	1136	1416	1253	1222	961	1092	1268	1206	1124	1056	952	930	633	780	963	924	1012	1077	561

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

NOVEMBER

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	950	1010	1010	1010	950	950	950	950	890	770	770	770	890	950	770	950	1010		27,490
		990			1250				1120			1250				990			30,650
721	721	721	721	892	1150	1060	1150	1060	1060	892	892	892	892	892	892	892	978		32,050
1820	1700	1580	1700	1640	1580	1580	1580	1460	1460	1460	1340	1340	1340	1340	1460	1820	2060		28,121
990	990	990	990	990	1050	1050	960	930	960	990	1050	1050	1080	1120	990	930	990		45,000
																			30,940
890	848	890	890	860	860	860	860	860	920	990	1200	1050	990	1060	990	1020	1120		27,946
1000	970	900	830	900	970	970	900	865	830	865	900	935	970	1040	900	900	935		27,209
							1110			2130		1680							33,900
675	675	675	675	675	675	675	675	675	700	700	700	700	700	700	700	675	675		27,000
																			20,505
1060	2350	2620	5250	2110	1470	1200	1160	1240	1240	1060	960	960	920	920	920	845	810		36,690
870	900	900	870	900	930	840	870	965	900	930	965	1040	1070	1040	930	930	965		27,985
1020	960	930	755	870	990	990	1050	1120	1190	1080	1080	1020	930	870	755	650	960		29,640
1150	1190	1070	990	1070	1150	1570	3850	4190	5400	15200	13000	9450	7370	5800	4700	4050	3850		100,280
1600	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
1530	1370	1300	1300	1300	1220	1220	1220	1220	1080	1080	1080	1150	1230	1300	1450	1300	1220		33,910
1030	1030	961	780	830	898	731	839	839	839	961	1030	961	961	898	961	1030	961		40,090
721	731	769	919	771	781	797	818	869	859	867	886	830	790	788	683	767	957		29,183
																			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	899	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	839	641	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	515	541	670	649	655	703	630	705	658		19,499
930	633	780	963	924	1012	1083	930	850	58	704	664	857	855	863	806	1000	1326		29,882

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

NOVEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1941	781	821	822	930	1393	1076	1022	894	905	852	802	903	780	894	1387	2533	1954	1566	1420	1187	91
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186	1150	1007	81
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967	1087	1141	110
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682	577	656	68
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888	936	976	83
1946	1031	1033	929	844	934	947	1063	971	983	972	1028	937	844	850	944	936	856	947	1115	2186	1660
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928	1024	865	754
1948	813	1214	1689	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883	854	838	818
1949	805	700	726	794	680	690	694	774	990	1089	971	841	855	836	911	871	796	734	789	764	726
1950	1073	2011	1952	1253	1350	1264	1461	1647	1640	1352	950	1333	1115	1313	1197	1140	1183	1327	1659	1697	1595
1951	1030	906	1003	1365	1001	1304	1093	827	1116	447	147	1470	1072	1368	952	1394	87	1272	53	2770	775
1952	401	562	788	1205	800	921	921	778	625	635	523	1159	1188	1634	1240	843	525	947	894	961	643
1953	678	951	844	716	853	798	735	1074	763	749	1072	921	916	803	829	957	776	784	732	528	609
1954	773	403	949	810	888	743	663	713	717	728	709	914	961	891	903	1181	1329	1059	907	875	1050
1955	973	847	778	561	910	824	838	702	880	881	1074	1000	858	939	1029	478	613	1034	1115	1028	2455
1956	1245	1077	1093	1225	906	997	1220	964	1172	1182	1213	1248	1087	1024	934	841	1052	1114	1167	736	1048
1957	823	899	1037	894	733	536	682	969	635	792	1181	804	908	1081	1332	827	843	721	432	1252	1201
1958	606	567	752	930	869	764	1436	2330	1567	1066	1436	1047	1039	1297	1571	824	591	947	862	1345	1495
1959	1268	1246	1236	1165	1207	818	1199	1039	1152	978	984	1116	1017	652	518	718	1102	847	1010	1057	873
1960	554	980	805	836	1038	595	849	735	763	730	737	795	1333	1091	748	904	368	1466	1201	1145	923
1961	745	806	941	901	1098	467	619	148	1618	546	1192	991	540	689	1031	941	610	546	650	646	1092
1962	1429	856	1207	484	1267	784	1066	1083	1031	456	898	1071	1322	1255	1441	522	569	794	941	923	958
1963	689	943	720	832	956	1054	1007	1099	1526	1654	1473	1043	769	1083	1558	1547	1623	1337	936	1296	1109
1964	684	774	1180	810	760	696	816	883	851	736	957	988	922	632	589	665	478	576	1132	807	707
1965	1090	1006	1047	805	856	1036	884	884	1062	937	849	763	1176	1100	1316	1307	1025	1217	1346	1017	1041
1966	539	753	625	652	532	722	931	1061	733	709	741	874	602	908	1554	1010	1061	963	681	667	996
1967	1213	942	1007	721	832	919	677	856	330	1118	1271	955	1010	874	976	946	1136	832	1143	1254	971
1968	1076	936	1088	1161	1105	953	931	831	1114	1747	1639	1605	2072	1694	1538	1299	1228	1430	1420	1546	1183
1969	600	947	1020	670	920	332	1661	1106	954	626	1058	653	820	712	690	823	1024	915	678	723	739
1970	989	1124	958	941	928	1067	1221	1167	1125	1518	1441	1610	1075	1140	1026	1053	1052	1071	1078	998	853
1971	1104	1214	1118	895	952	890	888	811	1009	1025	955	897	1073	1147	1228	1006	984	815	795	898	912
1972	840	1047	1093	1044	1386	1436	1098	1003	1108	1019	887	903	1167	855	999	987	1004	950	1039	1060	926
1973	912	1411	818	812	813	1160	1156	1335	1485	1604	1723	1842	3936	3267	2468	2176	2070	2080	1839	1860	1560
1974	892	882	905	1000	927	822	948	980	1021	898	1061	853	1231	907	842	901	838	907	1123	924	795
1975	1073	1204	1149	1167	1206	1152	1233	1205	1246	1274	1174	1183	917	1008	1029	1283	1366	1264	675	870	985
1976	906	887	937	879	859	831	818	905	958	901	814	781	765	690	681	1207	1029	875	799	842	889

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

NOVEMBER

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
34	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871			31,600
42	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098			32,034
06	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935			35,352
75	860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581			26,100
40	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905			26,835
50	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676			36,107
85	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998			28,791
12	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784			26,959
96	911	871	796	734	789	764	726	630	792	1425	1580	1368	1300	1348	1197	1905			28,581
13	1197	1140	1183	1327	1659	1697	1595	1881	1274	1274	1366	1406	1356	1455	1228	1472			42,224
368	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
303	829	957	776	784	732	528	609	1225	1989	2112	1272	666	1721	1369	1292	1130			29,864
891	903	1181	1329	1059	907	875	1050	803	883	786	783	876	749	795	742	506			25,089
339	1029	478	613	1034	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413			34,343
024	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238			31,232
081	1332	827	843	721	432	1252	1201	280	300	1521	413	1067	1053	1339	1098	421			26,074
297	1571	824	591	947	862	1345	1495	1612	1404	961	1068	926	448	517	646	975			31,898
652	518	718	1102	847	1010	1057	873	1112	1141	1276	1154	1232	806	753	855	893			30,426
091	748	904	368	1466	1201	1145	923	808	693	985	1226	972	1318	1027	706	590			26,921
689	1031	941	610	546	650	646	1092	839	1327	1142	894	1154	905	971	868	913			25,830
255	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162			32,507
083	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	903			33,499
632	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154			27,144
100	1316	1307	1025	1217	1346	1017	1041	1117	1063	1156	1019	1088	1125	903	862	512			30,609
908	1554	1010	1061	963	681	667	996	1071	758	389	628	525	492	247	755	1078			23,257
874	976	946	1136	832	1143	1254	971	532	936	1091	896	920	888	478	680	1167			27,571
694	1538	1299	1228	1430	1420	1546	1183	1349	1192	1435	1784	1508	1107	1486	1023	1020			39,500
712	690	823	1024	915	678	723	739	765	697	734	671	669	802	671	603	584			23,867
140	1026	1053	1052	1071	1078	998	853	885	922	1618	5328	6031	3302	2480	2208	2326			48,535
147	1228	1006	984	815	795	898	912	1134	958	851	1007	1048	1469	1218	1408	1243			30,952
855	999	987	1004	950	1039	1060	926	795	537	915	952	946	1895	1156	943	861			30,851
267	2468	2176	2070	2080	1839	1860	1560	1629	1352	1366	1462	1323	1236	1216	1202	1443			48,556
907	842	901	838	907	1123	924	795	951	778	1064	922	982	828	653	1032	656			27,523
008	1029	1283	1366	1269	675	870	985	801	976	1159	1132	1113	1244	1116	847	893			32,975
690	681	1207	1029	875	799	842	889	877	864	856	806	885	595	377	405	358			24,276

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	20
1895	950	950	770	720	720	950	950	950	950	830	1010	1010	1010	770	830	670	620	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	2770
1899	2060	1700	1520	1280	1220	1220	1340	1340	1460	1580	1580	1460	1460	1460	1340	1340	1580	1580	1820	1820
1900	1050	1050	990	1050	1050	1050	1050	1050	1050	990	990	930	930	990	1050	1050	1120	1050	1050	1050
1901	1130	2180	2070	2070	1870	1600	1350	1240	1310	1200	1130	1060	920	830	1060	955	990	1020	1020	920
1902	970	970	1040	1080	970	970	970	970	1040	1270	1290	1190	1000	830	695	695	695	747	1040	1080
1903			1200		1110			1020				865				850				
1904																		945		
1905	675	675	675	650	560	560	520	480	480	450	450	480	520	600	675	940	940	940	880	820
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	1480
1910	1300	1300	1340	2140	1680	1460	1380	1340	1460	1380	1380	1460	1160	990	990	1020	1160	1100	1100	1070
1911	1060	1035	990	1085	1110	1170	1140	1085	1110	1100	1085	1060	1085	970	990	1085	1085	950	870	910
1912																				
1913	1150	950	950	950	950	950	950	886	824	824	1020	1080	1080	1220	1080	950	824	1020	1080	886
1914	898	783	898	1100	1030	961	783	731	683	638	783	961	731	638	559	559	559			824
1915	859	812	947	1000	1103	985	949	918	892	843	790	784	757	884	765	574	641	854	704	739
1916	747	982	1088	1185	1117	1034	901	698	493	859	949	976	1089	976	760	658	763	878	1162	885
1917	2121	1942	1323	915	885	972	1042	827	985	1022	917	909	1179	1640	1553	1192	1191	1529	1633	1737
1918	829	842	896	927	955	1092	1090	1084	926	901	807	723	774	838	947	895	787	717	617	664
1919	829	989	1058	918	835	852	836	786	733	628	673	752	829	966	601	539	588	638	757	903
1920	1236	1260	1249	1211	1168	1011	951	817	872	1019	1222	1225	1170	1019	905	745	802	894	1097	1134
1921	3353	3890	2723	1816	1582	1435	1470	1310	1218	1350	1360	1552	1372	1431	1350	1136	978	521	1184	1124
1922	709	688	650	716	649	1000	662	821	784	612	670	655	674	666	527	873	706	655	1010	1118
1923	991	710	685	646	662	798	999	1103	819	615	486	524	702	812	1089	1009	968	848	911	972
1924	680	847	950	936	793	796	798	751	772	647	672	754	835	837	833	727	775	639	458	434
1925	967	1522	2346	1549	1348	1231	1128	1047	937	926	888	979	1017	915	914	915	1016	940	1031	906
1926	3325	2469	2389	2701	2522	2191	2020	1506	1264	1240	1088	1471	1312	1044	591	755	1171	1291	1296	989
1927	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804	1534	1660	1634	591	755	1171	1291	1296	989
1928	589	799	444	698	405	619	584	685	813	857	968	974	849	913	839	843	701	691	647	606
1929	686	719	640	575	609	732	688	696	686	941	2221	1670	1818	2649	1613	1827	2297	1692	1250	1271
1930	678	749	842	975	938	911	835	685	604	575	752	920	893	888	725	671	819	701	715	730
1931	380	445	563	635	610	462	582	583	572	431	416	532	479	398	377	434	239	671	765	806
1932	729	763	841	828	819	632	562	613	426	366	290	300	304	306	373	416	650	461	1046	832
1933	765	690	740	805	802	652	809	837	767	781	795	827	902	994	959	872	836	402	701	886
1934	814	823	778	850	869	814	793	608	726	668	602	586	688	910	1112	800	788	799	804	862
1935	444	399	403	424	575	679	729	656	811	725	657	833	808	739	611	388	339	350	363	359
1936	581	578	614	581	518	513	779	818	801	654	530	534	659	553	701	851	822	785	720	742
1937	630	675	643	684	679	641	692	404	734	596	2998	10641	7374	4097	2965	2697	2301	1926	1760	1389
1938	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043	903	468	589	791	1146	1053	790	984	1010
1939	534	617	592	592	586	575	715	644	640	934	1197	1096	876	820	699	836	1135	1420	1131	945
1940	1136	1045	1008	900	953	949	945	980	871	877	706	476	391	299	405	343	604	794	1148	1122

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1895

DECEMBER

3	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
0	770	830	670	620	620	620	620	620	670	670	770	830	950	950	770	815	860	905	25,390
																			32,300
																			30,750
20	2430	2430	2770	2770	2770	2770	2770	2770	2600	2600	2600	2600	2940	3290	3290	2940	2940	2770	75,820
60	1460	1340	1340	1580	1580	1820	1820	1580	1580	1580	1820	1580	1580	1580	1820	1820	1580	1820	48,500
30	990	1050	1050	1120	1050	1050	1050	1460	1360	1120	1050	1120	1050	1050	930	880	930	990	32,530
20	830	1060	955	990	1020	1020	920	890	1080	1200	1430	1350	1200	1130	1130	955	890	1020	38,200
100	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
520	600	675	940	940	940	880	820	790	560	520	520	580	625	625	760	820	760	675	20,205
																			37,000
040	1000	900							1180	1180	1180	1240	1180	1360	1180	1140	1000	1100	31,650
020	810	650							1050	1080	930	930	1050	1120	990	930	755		29,000
200	2050	1850	1800	1660	1660	1700	1480	1390	1570	1700	1660	1660	1750	1570	1390	1310	1390	1570	62,380
160	990	990	1020	1160	1100	1100	1070	1100	1160	1160	1300	1100	990	990	1040	1100	1100	1160	38,410
1085	970	990	1085	1085	950	870	910	930	850	1010	1010	930	950	930	1035	1060	1035	1035	31,750
																			30,340
1080	1220	1080	950	824	1020	1080	886	824	824	1080	950	1080	1150	1020	1020	950	1020	1150	30,692
731	638	559	559	559				600					650			826			22,400
757	884	765	574	641	854	704	739	946	1102	1157	1079	955	825	728	837	849	676	719	26,673
1089	976	760	658	763	878	1162	885	992	989	897	883	873	679	663	669	679	671	656	26,851
1179	1640	1553	1192	1191	1529	1633	1737	1627	2038	1737	2965	2871	2416	3536	5050	6972	5420	4150	64,296
774	838	947	895	787	717	617	664	712	745	757	670	660	628	640	637	617	588	594	24,559
829	966	601	539	588	638	757	903	986	1126	1160	1199	1016	955	927	998	872	815	741	26,505
1170	1019	905	745	802	894	1097	1134	1117	1042	950	909	890	936	956	982	1074	1359	2331	33,553
1372	1431	1350	1136	978	521	1184	1124	1295	1175	1163	1220	1106	1109	1194	1191	1127	1177	1067	44,979
674	666	527	873	706	655	1010	1118	974	954	790	804	1052	1085	1172	1246	1361	1017	1136	26,436
702	812	1089	1009	968	848	911	972	963	799	635	608	902	979	879	847	898	1008	776	25,643
835	837	833	727	775	639	458	434	420	422	425	421	539	515	507	663	753	975	882	21,456
1017	915	914	915	1016	940	1031	906	916	904	923	1016	1026	882	859	765	682	639	607	31,741
1312	1044	591	755	1171	1291	1296	989	1051	815	794	906	869	844	840	928	838	911	920	42,351
1660	1634	1724	1253	1635	1385	744	551	1927	950	1573	1345	1255	1147	1144	1173	1490	1373	1128	49,051
849	913	839	843	701	691	647	606	599	615	606	706	745	995	841	1030	1043	889	792	23,385
1818	2649	1613	1827	2297	1692	1250	1271	838	1047	1076	1012	971	917	843	732	729	625	704	34,774
893	888	725	671	819	701	715	730	570	493	505	552	533	509	760	666	634	613	613	22,054
479	398	377	434	239	671	765	806	762	745	718	718	694	726	751	837	750	620	557	18,188
304	306	373	416	650	461	1046	832	851	496	750	690	1081	929	761	822	780	825	756	20,298
902	994	959	872	836	402	701	886	976	972	943	996	998	1106	1241	1215	1127	1110	1322	27,828
688	910	1112	800	788	799	804	862	989	1017	1008	928	946	897	926	965	813	750	671	25,604
808	739	611	388	339	350	363	359	550	578	480	570	698	737	798	739	805	686	743	18,676
659	553	701	851	822	785	720	742	756	710	755	663	723	728	698	667	478	670	596	20,778
7374	4097	2965	2697	2301	1926	1760	1389	1226	1161	1291	1288	1111	1319	1328	1174	1172	1097	1187	57,880
468	589	791	1146	1053	790	984	1010	932	928	752	1038	948	866	764	885	985	985	693	30,490
876	820	699	836	1135	1420	1131	945	891	833	770	715	685	552	552	659	697	778	918	24,634
391	299	405	343	604	794	1148	1122	1004	1168	185	1248	1127	1173	1073	1280	1068	968	1071	28,317

NATURAL FLOW OF BOISE RIVER

IN SECOND FEET

BEGINNING 1941

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	943	947	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1838	1871	2130
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920	942
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	746	770	748	759	939	974	1002
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640	866
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833	691
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870	1845
1947	1182	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991	844
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720	739
1949	1304	1122	1148	775	799	860	789	842	891	780	701	326	650	903	718	818	789	994	1106	565
1950	1398	1398	1485	1441	1551	1451	1561	1878	1630	1645	1760	1650	1652	2108	1284	1179	1669	1304	1206	1181
1951	2368	3459	2250	2024	1569	1834	1117	879	711	916	962	1493	1338	1059	1098	754	1072	1273	1362	807
1952	723	779	1163	823	753	701	875	1006	902	742	931	938	1424	1071	1096	1443	879	733	444	1164
1953	996	1167	917	971	1236	1037	677	1271	960	1221	1025	877	864	854	527	792	1004	968	526	1599
1954	309	588	953	1001	682	902	817	859	702	604	707	858	712	913	817	697	454	504	967	1329
1955	535	1329	854	1401	739	746	1021	1181	558	1705	1160	923	876	919	784	970	897	1438	1641	2250
1956	385	1145	643	1060	1198	554	733	797	542	483	2817	2027	1978	2196	1817	1811	1316	1170	1588	897
1957	503	609	1285	630	553	1042	1317	1215	689	899	(-127)	1561	864	1238	1019	238	1458	1391	1035	1195
1958	809	1308	1419	940	1271	1190	791	1164	1547	951	1404	3044	2870	2586	1169	1251	1932	1401	1286	1009
1959	871	1051	725	1083	916	495	273	713	548	704	892	844	838	1003	571	829	735	862	931	897
1960	986	617	1099	1012	840	1310	397	(-309)	671	616	722	679	734	845	924	713	742	1054	1221	995
1961	832	1033	874	1052	1024	647	597	597	853	418	701	386	849	706	952	929	813	980	705	1199
1962	1027	1132	1674	1987	1547	1338	1057	1415	1034	1168	826	737	806	902	1564	1156	1029	1149	1207	939
1963	715	815	774	635	870	495	1073	893	1024	746	999	1034	576	789	985	854	961	862	1124	869
1964	1168	1687	1680	1361	1039	949	819	734	816	1226	1288	1034	754	880	1116	989	597	592	651	760
1965	714	767	1091	1178	976	1193	963	665	749	971	1481	906	941	582	819	766	746	747	501	407
1966	842	804	784	1012	1147	955	912	679	1156	656	671	1049	666	1088	1283	795	444	670	998	573
1967	912	871	625	922	730	1014	957	854	698	700	1054	602	692	374	374	410	583	870	954	724
1968	1132	1183	1018	1251	1038	1290	974	942	1030	1127	1012	1105	1004	753	906	1082	1114	782	943	779
1969	567	616	727	646	743	722	606	873	835	1131	1155	1256	351	728	1115	536	836	798	831	1017
1970	2435	1989	1858	1877	1493	1578	1638	2589	2722	2743	2154	1602	1423	1779	1566	1729	1766	1443	1116	668
1971	980	881	736	1189	1061	1424	1361	754	614	1125	1037	1169	1260	1149	1239	1057	1107	890	972	973
1972	946	205	700	2029	813	546	594	779	884	606	605	670	1033	386	1141	947	1110	1347	1332	1784
1973	1422	1433	1264	1457	1265	1051	1338	1426	1231	1151	989	1247	1291	1351	1125	988	1718	2059	1987	1701
1974	707	821	644	1106	1135	1130	905	1104	934	540	532	684	1596	739	773	834	870	1010	816	895
1975	922	1362	1725	1992	1013	1886	1987	1944	2267	2055	1808	1814	1410	1635	1548	1381	1517	1092	954	822
1976	442	913	724	739	759	816	725	733	884	898	797	831	810	696	928	884	677	607	570	556

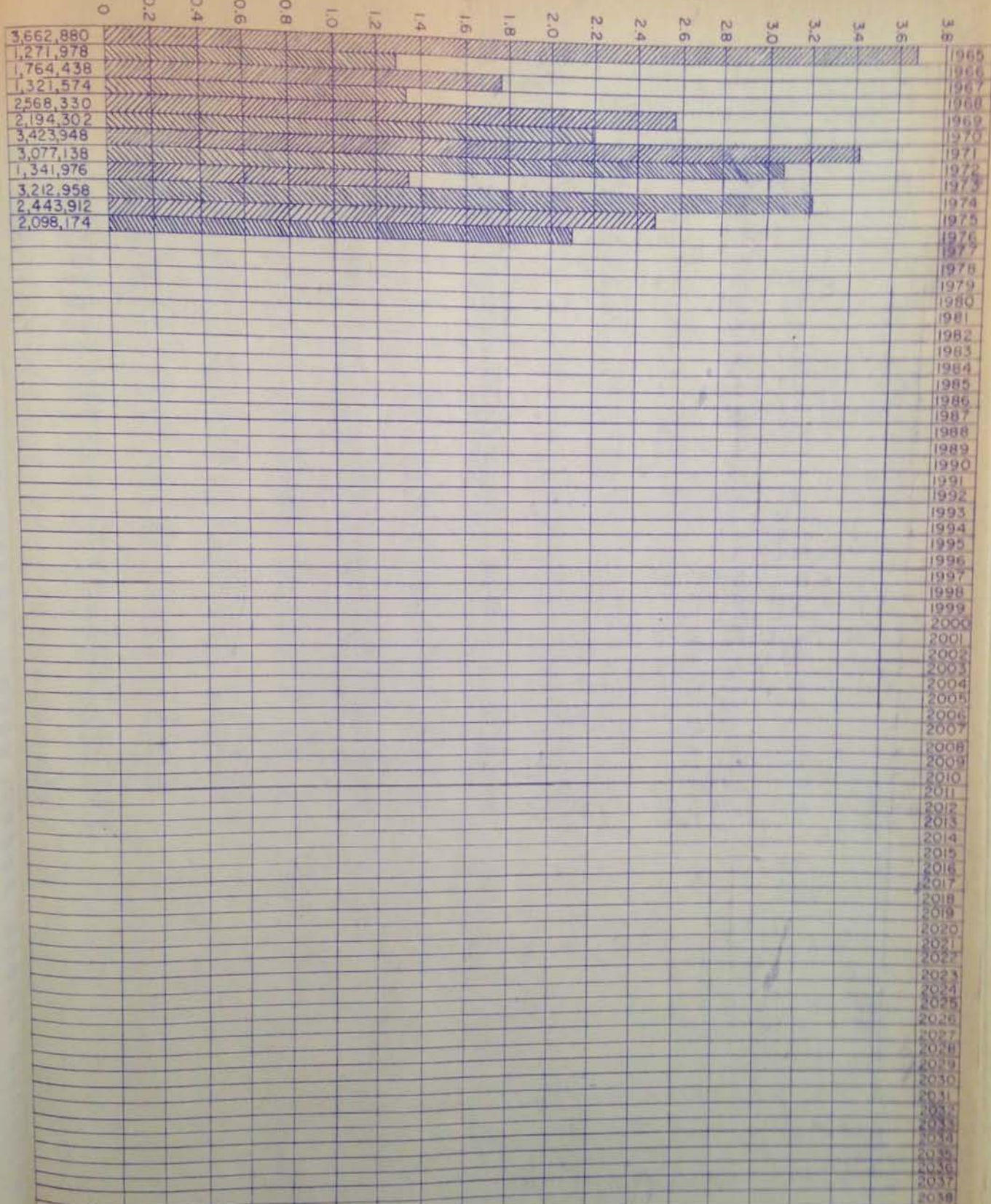
NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

CHART NO. 2

DECEMBER

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
1285	1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
746	746	770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,884
396	406	464	505	765	610	640	866	1052	818	1137	906	839	783	615	621	588	906	826	21,451
664	571	568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
3056	4053	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696
709	995	922	901	811	959	991	844	951	798	792	974	746	737	736	779	961	790	514	27,702
988	999	980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547
650	903	718	818	789	994	1106	565	729	778	931	907	764	779	795	975	725	739	748	25,750
1652	2108	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1248	670	907	1599	1440	44,493
1338	1059	1098	754	1072	1273	1362	807	959	2049	2046	1243	1237	629	1252	1145	1739	1438	1333	43,415
1424	1071	1096	1443	879	733	444	1164	658	1763	1202	71	227	465	806	1020	1020	579	922	27,323
864	854	527	792	1004	968	526	1599	1237	1317	791	503	829	717	1112	673	519	950	729	28,866
712	913	817	697	454	504	967	1329	246	(-288)	891	601	737	1043	1092	588	966	862	957	23,070
876	919	784	970	897	1438	1641	2250	2221	4106	16700	20551	11314	7381	5053	4416	3637	2732	2871	102,909
1978	2196	1817	1811	1316	1170	1588	897	932	1058	1009	605	1392	622	992	309	807	1031	840	34,754
864	1238	1019	238	1458	1391	1035	1195	1001	1370	455	(-56)	2216	1268	1033	417	1472	809	465	29,064
2870	2586	1169	1251	1932	1401	1286	1009	1382	1356	1401	998	1312	1203	1269	1094	1039	690	901	41,987
838	1003	571	829	735	862	931	897	593	685	623	1058	1251	972	814	716	717	353	694	24,257
734	845	924	713	742	1054	1221	995	493	751	892	632	951	955	558	871	860	418	734	23,983
849	706	952	929	813	980	705	1199	818	1295	789	966	1017	752	678	708	833	1044	889	25,936
806	902	1564	1156	1029	1149	1207	939	1127	994	1234	800	295	414	706	736	976	1145	838	32,959
576	789	985	854	961	862	1124	869	768	763	724	648	687	867	836	840	963	802	595	25,586
754	880	1116	989	597	592	651	760	1046	2152	18378	27294	19240	11963	8143	6823	5706	4580	3940	129,405
941	582	819	766	746	747	501	407	546	576	889	815	1030	924	829	1184	803	879	707	26,345
666	1088	1283	795	444	670	998	573	1117	553	642	633	605	704	498	368	551	1074	630	24,559
692	374	374	410	583	870	954	724	994	740	527	880	1213	940	720	1243	865	766	899	24,707
1004	753	906	1082	1114	782	943	779	679	899	950	946	1335	1476	1180	1113	822	1040	879	31,784
351	728	1115	536	836	798	831	1017	1074	1426	1387	1266	865	945	919	767	834	355	548	26,475
1423	1779	1566	1729	1766	1443	1116	668	1332	1424	1338	996	953	1283	1122	1277	1703	1364	1297	50,257
1260	1149	1299	1057	1107	890	972	973	1064	1102	1250	957	1414	1274	1385	1270	122	902	887	32,605
1033	386	1141	947	1110	1347	1332	1784	1598	1662	1817	1946	1924	1893	1206	1189	1126	1008	1056	34,882
1291	1351	1125	988	1718	2059	1987	1701	1373	1866	1844	1712	1697	1594	1145	1809	1417	1511	1540	45,002
1596	739	773	834	870	1010	816	895	1112	1007	1086	395	793	977	870	681	786	604	1126	27,212
1410	1635	1548	1381	1317	1092	954	822	1002	1211	1210	1197	963	1359	1304	1248	1265	1176	1108	43,977
810	696	928	884	677	607	570	556	655	678	423	510	572	465	595	1697	853	571	674	22,682

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 80 YEAR PERIOD, 1895 THRU 1975

CHART NO. 3

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1126	1233	1686	3727	7052	8740	4378	1251	759	808	900	1084
2.	1118	1249	1773	3824	7184	8651	4224	1233	776	828	939	1140
3.	1130	1236	1726	4051	7284	8629	4082	1188	773	837	933	1118
4.	1036	1328	1716	4162	7543	8601	3919	1142	761	822	918	1184
5.	1013	1339	1712	4259	7739	8463	3788	1121	764	815	959	1068
6.	1048	1283	1741	4434	7934	8401	3603	1087	743	789	935	1065
7.	1037	1300	1759	4685	8152	8447	3489	1050	730	859	966	1022
8.	1031	1370	1815	4809	8344	8490	3319	1035	728	887	958	1016
9.	1045	1368	1955	4888	8531	8356	3174	996	766	842	977	997
10.	1033	1334	1945	5153	8619	8281	3021	987	768	910	992	993
11.	1030	1291	1976	5339	8568	7982	2897	982	784	874	1018	1060
12.	1020	1294	2032	5503	8515	7901	2771	932	772	929	997	1184
13.	1026	1309	2068	5830	8524	7853	2638	956	778	888	985	1136
14.	1049	1341	2104	6203	8597	7792	2476	938	788	904	991	1110
15.	1122	1331	2130	6415	8714	7588	2387	923	796	863	1008	1054
16.	1180	1337	2188	6671	8775	7547	2276	891	798	932	1018	1007
17.	1193	1382	2239	6721	8777	7351	2138	872	793	906	962	1036
18.	1227	1349	2441	6936	8891	7131	2030	853	776	895	1007	1029
19.	1280	1345	2660	7070	8902	6896	1935	874	760	883	971	1051
20.	1299	1372	2772	6911	8770	6604	1842	866	818	894	1058	1031
21.	1327	1317	2815	6860	8711	6492	1772	850	789	899	1070	1044
22.	1303	1418	2886	7066	8608	6302	1725	836	791	895	1142	1116
23.	1377	1424	2946	7140	8557	6060	1657	824	780	884	1194	1306
24.	1338	1517	3032	7160	8693	5860	1591	809	790	922	1171	1631
25.	1318	1507	3107	7206	8765	5585	1549	777	794	905	1196	1454
26.	1263	1493	3144	7276	8890	5360	1486	794	777	909	1158	1267
27.	1232	1570	3234	7339	8891	5282	1418	766	737	899	1135	1181
28.	1226	1603	3185	7270	8938	4961	1398	757	769	908	1042	1157
29.	1199	1664	3459	7181	8882	4744	1358	776	791	920	1035	1201
30.	1203		3527	7097	8766	4570	1310	756	781	913	1079	1157
31.	1188		3621		8792		1295	751		920		1131

357.4 518.5 426.5 158.6 2.67

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

CHART 3-A

YEAR	AMOUNT PRODUCED OCT 1 - SEPT. 30	HIGH-MONTH	AMOUNT PRODUCED FOR MONTH	HIGH-DAY	24 HR. CFS AMOUNT PRODUCED	INSTANTANEOUS HIGH DURING THE DAY
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 (APRIL 28-1952)	25,040 23,429	
1951-1952	2,866,216	MAY	901,634	MAY 5	18,955	
1955-1956	3,173,886	MAY	841,354	MAY 25 (MAY 1, 1965)	22,949 20,503	
1964-1965	3,662,880	MAY	836,232	DECEMBER 24	27,294	44,000
1970-1971	3,423,948	MAY	922,614	MAY 14 (MAY 16, 1972)	20,253 16,345	
1971-1972	3,077,138	MAY	752,262	JUNE 2 (MAY 9, 1974)	19,559 18,469	
1973-1974	3,212,958	JUNE	787,716	JUNE 17	18,375	

TOTAL MONTHLY FLOW OF BOISE RIVER

FOR IRRIGATION YEARS BEGINNING

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	152380
1895-96	57040	54980	50780	73440	67660	157560	295040	555382	1464280	385520
1896-97	54220	61300(3)	64600	50520	55240	88000	476000(5)	508000(6)	415000(5)	143300
1897-98	63420	64100	61500(7)	34100	67200	119280	251700	320280	299360	116848
1898-99	53262	56242	151640	160600	78640	113900	425740	608020	731400	356160
1899-1900	83664	90000	97000	125420	100500	305220	380120	510720	300640	84156
1900-01	63570	61880	65060	79440	98340	179320	305900	626460	287420	116400
1901-02	56464	55892	76400	61300	90440	88920	213470	353460	287160	106720
1902-03	45630	54418	63474	81760	63570	143360	448220	520620	601880	147580
1903-04	58554	67800(7)	67800	124000(1)	108000(1)	264140	671840	828600	521060	201920
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	229820	247660	78860
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	163340
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673540	683520	534560	335840
1907-08	57890	55970	63300	67190	63282	141130	382320	370360	324780	197960
1908-09	68440	59280	58000	138160	110680	228840	473220	605240	655220	226800
1909-10	63140	200560	124760	79900	66600	566900	609980	511760	310360	110040
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	233040
1911-12	66670	66700	63500	78420	76120	99580	340920	684180	677560	173980
1912-13	66960	67820	60680	53800	51400	101800	374960	573740	413420	158660
1913-14	63524	80180	61384	71196	74968	216040	469040	553660	307700	124130
1914-15	69684	58366	44800	59580	59726	94782	196558	274128	191900	83872
1915-16	42410	45626	53346	49930	63262	197486	555062	563752	594764	293818
1916-17	59106	54020	53702	47628	47694	61740	267082	654156	643322	260216
1917-18	46004	49506	128592	113828	77736	181442	346040	409954	462460	112526
1918-19	64292	56578	49118	50532	52844	114916	395854	509192	240872	69736
1919-20	47968	56548	53010	66528	66714	89254	189044	449790	333468	117324
1920-21	59966	75678	67106	112422	94098	271472	394484	824038	718728	175390
1921-22	55492	78176	89958	60982	53180	113692	319642	752474	659864	148066
1922-23	52168	48886	52872	62094	50860	92700	273726	454010	376208	192504
1923-24	61592	52930	51286	48954	72446	63550	136450	243200	76792	35296
1924-25	39218	53862	42912	48414	129386	192378	501862	700486	367370	152598
1925-26	58424	51982	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

CHART NO. 4

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
3140	395220	225700	152380	63620	58000	1,559,520
5040	555382	1464280	385520	81960	57500	3,301,142
6000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,950
1700	320280	299360	116848	45720	39168	1,482,676
5740	608020	731400	356160	109940	68900	2,914,444
10120	510720	300640	84156	53500	51212	2,182,152
15900	626460	287420	116400	52222	49704	1,985,716
3470	353460	287160	106720	49496	40914	1,480,636
18220	520620	601880	147580	53000	46344	2,269,856
71840	828600	521060	201920	71972	43830	3,029,516
76200	229820	247660	78860	39870	34660	1,183,050
37920	428100	346980	163340	52410	41090	1,703,390
73540	683520	534560	335840	101600	62070	3,207,380
82320	370360	324780	197960	64920	55524	1,844,626
73220	605240	655220	226800	63690	57220	2,744,790
09980	511760	310360	110040	55970	56390	2,756,360
23960	549120	740660	233040	74906	59636	2,494,052
40920	684180	677560	173980	83380	66080	2,477,090
74960	573740	413420	158660	82964	54290	2,060,494
69040	553660	307700	124130	58742	52654	2,133,218
96558	274128	191900	83872	40926	39672	1,213,994
55062	563752	594764	293818	80102	53686	2,593,244
67082	654156	643322	260216	65224	43950	2,257,840
46040	409954	462460	112526	56292	51122	2,035,502
95854	509192	240872	69736	36404	34262	1,674,600
89044	449730	333468	117324	40586	39234	1,549,408
94484	824038	718728	175390	62908	48784	2,905,074
19642	752474	659864	148066	65210	47974	2,444,710
73726	454010	376208	192504	67552	42946	1,766,526
36450	243200	76792	35296	24426	25320	892,242
01862	700486	367370	152598	60730	47302	2,336,518
32784	247930	104636	42192	30858	29480	1,114,298
74434	660044	729736	234042	74454	57570	2,673,106
16008	852194	305760	115962	51846	38016	2,434,530
79238	359536	285968	96482	35716	31802	1,338,510
74178	295246	257700	77726	44922	36050	1,344,356

(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 BOISE RIVER

FOR IRRIGATION YEARS BEGINNING 1

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	
1930-31	54512	45418	44108	44814	45298	91246	177172	251538	110
1931-32	31424	31224	36376	38612	36754	135826	336006	564176	458
1932-33	39142	56478	40596	43926	41136	64474	239342	341610	538
1933-34	41684	47684	55656	79680	78948	151696	249648	204008	856
1934-35	37226	49444	51208	52256	54336	83150	299458	428528	3632
1935-36	33616	38268	37352	44612	47356	100060	577594	625906	3192
1936-37	39772	36600	41556	37568	41728	89870	207358	381192	17899
1937-38	36226	49828	115760	67492	71566	191026	505100	711314	55813
1938-39	60626	67394	60980	52236	47170	164294	328918	341836	13630
1939-40	40474	38998	49268	53858	75724	201512	355842	434480	22725
1940-41	53168	59764	56634	54260	65368	113448	188300	365336	266776
1941-42	48600	63200	106838	62182	63162	87804	341622	325576	362374
1942-43	42564	64068	81782	153190	116564	235138	1006532	722804	627754
1943-44	61802	70704	55768	49412	52610	68094	164000	303208	247726
1944-45	40828	52200	42902	56270	80124	99160	202368	473146	405996
1945-46	45822	53670	74712	79530	65808	218604	639804	651660	378822
1946-47	67394	72214	109392	60364	87278	181276	289400	545764	297240
1947-48	56244	57582	55404	65522	60480	73396	264424	505792	459706
1948-49	44642	53918	51094	49038	45314	146834	416548	571670	304424
1949-50	49284	57162	51500	63202	75010	154776	402618	563086	548282
1950-51	61640	84448	88986	69948	125878	125072	556968	684894	440580
1951-52	79304	63432	86830	68642	77070	103020	677890	901634	518282
1952-53	52108	48642	54646	100936	88486	126730	329366	403582	588956
1953-54	44870	59728	57732	64266	92288	149836	381720	597550	339666
1954-55	49332	50178	46140	46716	40444	55940	129832	397270	419360
1955-56	51704	68686	205818	147212	104470	228258	636502	841354	582588
1956-57	66612	62464	69508	52448	92880	194092	361256	753940	518012
1957-58	54116	52148	58128	53682	121836	124694	323778	946374	501566
1958-59	51842	63796	83974	76466	69702	92542	276734	331594	362156
1959-60	86908	60852	48514	51664	64890	172830	358988	374362	333350
1960-61	47044	53842	47966	42454	58830	91230	172064	298818	229386
1961-62	52150	51660	51872	54554	78326	83072	407856	406458	425398
1962-63	71052	65014	65918	43612	147124	91904	180298	452916	411904
1963-64	53040	66998	51172	52170	53860	71218	262166	457280	407856
1964-65	47408	54288	258810	160396	182606	185530	624180	836232	778888
1965-66	65450	61218	52690	63168	47170	97960	248302	327154	178048
1966-67	40108	46514	49118	65592	60048	83580	138430	483144	526106
1967-68	58400	55142	49414	47040	98090	119292	152728	259286	278606
1968-69	63230	79000	63568	127936	87134	143928	654184	724322	396216
1969-70	56088	47734	52950	127058	101728	149020	189668	577010	571508

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

CHART NO. 4

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

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

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1970-71	59954	97070	100514	156024	167320	211494	548362	922614	708614	297436
1971-72	68434	61904	65210	101004	101026	446586	394274	752262	745556	208518
1972-73	67300	61702	69764	73772	58170	92920	180710	348218	227082	75108
1973-74	47726	97112	90004	130992	90940	259786	599914	736774	787716	238736
1974-75	59974	55046	54424	59334	63858	145754	204658	618984	696228	345470
1975-76	69938	65950	87954	71086	75852	108240	383236	637050	336204	126112

CHART NO. 4

FLOW OF BOISE RIVER - IN ACRE FEET

TEN YEARS BEGINNING 1894 - 1895

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1894	348362	422614	708614	297436	90500	64046	3,423,948
1895	394274	732262	745556	208518	70876	61488	3,077,138
1896	180710	348218	227082	75108	41870	45360	1,341,976
1897	399914	736774	787716	238736	78966	54292	3,212,976
1898	204638	618984	696228	345470	84702	55480	2,443,912
1899	383236	637050	336204	126112	68604	67948	2,098,174

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALLEN															
ANDREWS															
BALLESTYN															
BAXTER															
BUSE CITY															
BOWMAN-SWISHER															
BURB (SOUTH FOLSE MUTUAL)															
CALDWELL HIGH LINE														31	31
CAMPBELL (CANYON DITCH)															
CANYON COUNTY															
CINWAY-HAMMING															
DAVIS DITCH															
EUREKA #2															
FARMERS UNION															
GRAHAM-GILBERT						36	36	36	43	43	43	43	64	64	
HAAS															
HART-DAVIS															
ISLAND HIGH LINE															
LEMP												38	48	58	58
LITTLE PIONEER															
LOWER CENTER POINT															
MACE-CATLIN															2
MACE-MACE															
MAMRON															
MCCONNELL ISLAND															
MCMAHON'S A TEATER															
NEEVES #1															
NEEVES #2															
MIDDLETON															
NEW DRY CREEK															
NEW YORK CANAL (B. OF C.)														6	6
PARMA															
PENITENTIARY															
PHYLLIS															
RIDENBAUGH															
RIVERSIDE															
ROSSI MILL															
SEBALEE (FARMERS CO-OP)															
SETTLERS															
SEVEN SUCKERS															
STERNBERG															
THURMAN MILL															
UPPER CENTER POINT															
WARM SPRINGS DITCH															
TOTAL CANAL DIVERSIONS															
MISCELLANEOUS															
TOTAL DIVERSIONS						36	155	221	662	963	1177	1474	1731	1785	1987

CHART NO. 5

[illegible]

CHART NO. 5

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4	5	5	6	6	6	5	5	4	4	4	4	4	4	4		70
																0
			6	6	6	8	19	19	19	19	19	19	19	19		152
			21	23	29	31	10	14	18	19	20	21	21	21		170
							34	29	25	26	26	27	30	31		332
							6	6	6	6	6	6	6	6		0
31	31	31	38	34	38	38	38	40	40	40	39	46	46	46		48
18	18	18	18	18	18	17	17	16	16	16	15	18	25	30		638
							43	43	43	43	43	44	60	60		278
																379
								8	8	8	8	8	8	8		0
			41	41	41	44	48	56	62	8	8	8	8	8		56
64	64	64	86	86	86	86	86	86	86	72	84	86	90	95		760
										94	109	119	174	182		1880
																0
										10	11	11	11	10		53
							4	4	4	4	3	3	3	4		29
57	57	56	55	54	54	54	54	53	53	53	52	52	50	50		1006
											3	3	3	3		15
			34	34	34	35	35	35	35	35	36	40	41	43		402
25	25	25	25	25	25	25	25	25	25	25	25	26	27	27		380
			8	8	8	8	8	7	5							52
																0
66	60	57	55	50	49	48	47	46	45	43	40	37	37	37		988
			6	6	6	6	6	6	5	5	5	5	6	6		68
																0
																0
				39	40	40	40	40	57	58	61	75	78	83		611
6	10	10	10	10	11	10	11	10	10	27	30	35	40	45		281
1198	1286	1286	1286	1385	1389	1479	1562	1667	1681	1681	1872	2050	1992	2090		29356
28	28	28	28	28	28	26	24	23	22	21	19	18	20	22		363
																0
128	128	128	151	155	196	196	196	258	261	258	258	317	319	321		3507
120	172	170	166	187	195	211	227	234	267	254	288	293	326	355		3686
149	145	145	137	135	135	163	169	179	179	181	182	196	205	199		3441
5	5	5	5	3	2	2	2	2	8	7	7	8	7	7		80
86	90	88	88	118	118	118	118	118	116	116	115	137	136	122		2084
										36	50	61	68	85		300
																0
												2	4	6		12
												29	29	29		87
												17	18	19		54
																0
1987	2124	2116	2236	2451	2514	2649	2834	3028	3100	3164	3430	3813	3903	4065		51,618
																156
																51,774

DISCHARGE IN SECOND FE
BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALLEN	4	4	3	3	4	3	3	3	4						
ANDREWS															
ARLINGTON	19	20	21	21	21	21	21	21	21	21	21	22	23	24	25
BAKER	21	21	20	20	20	18	16	14	16	14	14	12	14	16	18
BOISE CITY	32	30	30	31	30	33	36	36	35	33	35	32	35	34	34
BOWMAN-TISHER	10	10	10	10	10	10	10	9	9	10	9	9	10	10	10
BURR (SOUTH BOISE MUTUAL)	12	12	9	16	12	13	13	14	14	14	12	12	12	12	12
CALWELL HIGH LINE	54	56	58	58	49	54	54	54	54	52	57	57	57	57	57
CAMPBELL (CANYON DITCH)	32	34	36	37	37	37	37	37	37	37	37	37	37	37	37
CANYON COUNTY	60	63	65	69	68	70	72	74	74	78	78	77	77	77	78
CONWAY-HUMPHREY						5	5	5	5	5	5	5	5	5	5
DAVIS DITCH	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7
ELIENA RR	100	102	105	107	110	110	110	105	105	105	101	101	101	110	111
FARMERS UNION	198	198	237	247	257	268	268	268	268	257	273	273	273	283	283
GRAHAM-GILBERT	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3
HAYS	9	8	7	6	5	5	5	5	5	5	5	5	5	5	10
HORT-DAVIS	3	3	3	3	4	4	6	6	7	8	8	8	9	9	9
ISLAND HIGH LINE	50	49	48	47	46	46	46	46	44	44	44	44	44	44	45
LEPP	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2
LITTLE PIONEER	45	46	47	48	48	48	48	48	48	48	40	40	40	40	40
LOWER CENTER POINT	27	28	28	28	28	27	27	26	26	26	25	25	26	26	27
MAE-CATLIN										8	8	8	8	8	8
MAE-MAE															
MANION															
MCDONNELL ISLAND	37	37	37	37	36	38	38	40	42	44	46	48	48	48	5
MORRIS & HEATER	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
NEEVES #1	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
NEEVES #2						3	3	3	3	3	3	3	3	3	3
NIDOLETON	90	105	156	168	167	167	168	167	167	174	176	188	204	188	205
NEW DRY CREEK	50	55	60	65	66	70	75	80	85	89	89	88	88	87	87
NEW YORK CANAL (B. OF C.)	1960	2175	2170	2378	2477	2472	2540	2546	2551	2551	2573	2562	2562	2640	2631
PARMA	24	25	25	26	26	26	26	25	25	24	24	23	22	23	23
PENITENTIARY			3	3	4	12	12	12	13	12	12	13	13	12	13
HYLLIS	321	322	364	397	408	404	440	444	481	513	496	503	501	503	509
RIDENBAUGH	402	417	464	478	492	493	498	533	533	539	525	537	550	537	542
RIVERSIDE	190	179	199	199	198	192	185	208	220	238	244	224	247	242	244
ROUSE MILL	7	7	8	9	8	8	9	9	9	9	9	8	8	9	8
SEBEE (FARMERS CO-OP)	170	198	196	224	222	258	253	280	278	280	312	309	309	309	309
SETTLERS	108	130	118	125	130	139	141	153	163	172	183	196	196	194	195
SEVEN SUCKERS	5	5	5	5	5	5	5	5	5						
STERNBERG	6	8	10	12	12	12	12	12	12	12	10	11	11	11	10
TARKAN MILL	29	29	29	30	30	32	32	32	34	34	34	34	34	34	34
UPPER CENTER POINT	20	20	21	22	23	23	23	23	23	23	23	26	26	26	26
WARM SPRINGS DITCH	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10
TOTAL CANAL DIVERSIONS	4126	4427	4623	4960	5084	5160	5269	5376	5449	5512	5560	5569	5629	5694	5749
MISCELLANEOUS															
TOTAL DIVERSIONS															5837

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1976, INCLUDING STORAGE

MAY																							
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
4												4	5	6	6	6	6	6	6	6	6		
21	21	21	22	23	24	25	28	28	28	27	26	25	24	23	22	22	22	22	22	22	22		
16	14	14	12	14	16	18	20	21	23	23	23	23	23	20	15	12	10	10	11	10	1		
35	33	35	32	35	34	34	34	32	33	35	34	35	35	35	34	33	33	35	34	33	3		
9	10	9	9	10	10	10	15	15	15	15	15	15	14	12	12	11	11	11	11	11	1		
14	14	12	12	12	12	12	13	10	15	15	14	14	11	12	12	12	12	12	12	12	1		
54	52	57	57	57	57	57	57	57	57	57	57	54	54	54	54	42	43	43	43	43	4		
37	37	37	37	37	37	37	37	35	35	35	35	35	35	24	24	24	32	30	29	28	27		
74	78	78	77	77	77	78	78	78	78	76	74	80	79	77	70	79	80	80	69	73	71		
5	5	5	5	5	5	5	5								5	5	5	5	5	5	5		
8	7	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	9	9		
105	105	101	101	101	110	110	112	113	115	116	110	105	100	100	36	95	14	94	14	75	96		
268	257	273	273	273	283	283	283	291	292	292	292	292	292	292	288	290	290	290	290	290	290		
4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
5	5	5	5	5	5	10	10	12	15	16	16	16	17	17	18	19	20	19	18	17	16		
7	8	8	8	9	9	9	10	10	10	10	10	12	12	13	13	13	13	10	10	10	10		
44	44	44	44	44	44	44	45	45	45	46	46	45	42	40	40	36	34	34	34	34	34		
3	2	2	2	2	2	2	2								4	4	4	4	4	4	3		
48	48	40	40	40	40	40	40	40	55	55	55	50	50	45	45	43	40	40	38	35	30		
26	26	25	25	26	26	27	28	29	30	32	32	31	31	30	30	30	29	29	29	28	27		
	8	8	8	8	8	8	8	13	13	13	13	13	13	10	5	5	5	5	5	6	6		
						5	5	6	6	7	7	8	10	11	12	13	13	13	13	13	11		
42	44	46	48	48	48	48	49	49	49	50	50	50	50	50	50	50	45	45	46	47	48		
6	6	6	6	6	6	6	6	6	6								6	6	6	6	6		
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	2	2		
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3									
167	174	176	188	204	188	205	210	211	208	204	201	205	219	220	216	204	184	152	191	164	151		
85	89	89	88	88	87	87	86	85	85	85	82	82	82	82	71	82	82	60	82	79	74		
2551	2551	2573	2562	2562	2640	2651	2690	2651	2651	2685	2690	2595	2595	2595	2595	2601	2612	2612	2679	2668	2668		
25	24	24	23	22	23	23	23	22	22	22	22	22	22	22	24	24	24	28	30	34	36		
13	12	12	13	13	12	12	13	13	12	12	12	13	12	12	12	13	12	12	13	12	12		
481	513	496	503	501	503	509	511	511	497	501	497	499	497	499	513	511	437	495	515	467	507		
533	539	525	537	550	537	542	550	542	544	547	544	544	547	544	532	532	513	535	537	483	506		
220	238	244	224	247	242	244	247	250	235	238	238	239	235	238	229	203	233	238	253	260	236		
9	9	9	8	8	9	8	8	9	9	9	9	9	9	9	8	9	9	9	9	9	9		
278	280	312	309	309	309	309	303	306	302	295	295	295	278	300	302	311	275	318	309	300	292		
163	172	183	196	196	194	195	195	204	204	205	197	197	199	200	201	201	203	203	204	203	204		
5	5														4	3	3	3	3	3	3		
2	12	12	10	11	11	10	10	12	13	14	14	14	12	12	10	10	9	9	8	9	8		
2	34	34	34	34	34	34	34	34	34	34	34	34	34	34	32	32	32	30	28	28	25		
3	23	23	23	26	26	26	26	26	26	25	25	25	25	25	25	25	25	21	21	21	21		
8	8	8	8	8	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8		
6	5449	5512	5560	5569	5629	5694	5749	5837	5818	5818	5852	5825	5736	5719	5723	5691	5679	5545	5668	5757	5617	5620	

CHART NO. 5

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
				4	5	6	6	6	6	6	6	6	6	6	94
25	29	29	29	29	29	24	23	22	21	21	21	23	24	25	394
28	29	27	26	25	24	23	22	22	22	22	22	22	22	22	707
21	23	23	23	23	23	20	15	12	10	10	11	10	11	12	521
32	33	33	34	35	35	35	34	33	35	35	34	33	35	34	1042
13	13	13	13	13	14	12	12	11	11	11	11	11	11	11	351
10	13	13	14	14	11	12	12	12	12	12	12	12	12	11	389
57	57	57	57	54	54	54	54	42	45	45	45	45	45	45	1641
35	35	35	35	35	35	34	34	34	32	30	29	28	27	26	1067
78	78	76	74	60	79	77	78	79	80	80	69	73	71	71	2301
							5	5	5	5	5	5	5	4	94
8	8	8	8	8	8	9	9	9	9	9	9	9	9	8	249
113	113	116	110	105	100	100	36	95	34	94	34	95	96	99	3216
291	290	292	292	292	292	292	288	290	290	290	290	290	290	280	8485
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	89
12	13	16	16	16	17	17	18	19	20	19	18	17	16	14	350
10	10	10	10	12	12	13	13	13	13	10	10	10	10	10	266
43	43	46	46	45	42	40	40	36	34	34	34	34	34	34	1320
							4	4	4	4	4	4	3	3	64
40	33	33	33	30	30	45	45	43	40	40	38	35	30	30	1365
29	30	30	32	31	31	30	30	30	29	29	27	28	28	27	875
13	13	13	13	13	13	10	5	5	5	5	5	6	6	6	187
		7	7	8	10	11	12	13	13	13	13	2	2	2	8
6	6	7	7	8	10	11	12	13	13	13	13	13	11	10	160
49	49	50	50	50	50	50	50	50	45	45	46	47	48	50	1402
6	6								6	6	6	6	6	6	144
3	3	3	3	3	3	3	1	1	1	1	1	2	2	2	89
3	3	3	3	3	3	3								3	57
211	208	204	201	205	211	220	210	204	184	152	191	164	151	165	5595
85	85	85	82	82	82	82	71	82	82	60	82	79	74	70	2403
2651	2651	2683	2690	2595	2595	2595	2595	2601	2612	2612	2679	2668	2668	2679	79124
22	22	22	22	22	22	22	24	24	24	28	30	34	36	40	784
13	12	12	12	13	12	12	12	13	12	12	13	12	12	13	331
511	497	501	497	499	497	499	513	511	437	495	515	467	507	509	14572
342	344	347	344	344	347	344	332	332	319	335	337	489	506	489	15041
250	235	238	238	239	235	238	229	222	233	238	253	260	236	271	7072
9	9	9	9	9	9	9	8	9	9	9	9	9	9	9	267
306	302	293	295	295	278	300	302	312	275	318	309	300	292	303	8692
204	204	203	197	197	199	200	201	201	203	203	204	203	204	202	5565
						4		3	3	3	3	3	3		67
12	13	14	14	14	12	12	10	10	8	9	8	9	8	9	333
34	34	34	34	34	34	32	32	32	30	30	28	28	25	21	977
26	26	25	25	25	25	25	25	25	21	21	21	21	21	21	727
10	10	10	10	10	10	10	8	8	8	8	8	6	8	8	270
5618	5618	5632	5625	5736	5719	5723	5691	5679	5545	5662	5757	5617	5620	5660	169,746
															349
															170,095

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANAL
BY DAYS DURING THE IRRIGATION SEASON OF 1976, INCLUD

JUNE

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
AIKEN	6	6	6	6	6	6	6	6	6			6					
ANDREWS	26	27	27	27	25	25	25	25	24	24	24	24	24	24	24	23	23
BALLENTYNE	21	22	21	22	21	22	21	21	21	21	20	20	20	18	18	18	18
BAXTER	11	12	12	12	12	12	12	13	13	13	13	13	13	13	13	14	14
BOISE CITY	34	33	35	34	35	34	35	33	35	34	35	33	31	32	34	34	34
BOWMAN-SWISHER	10	9	9	9	9	9	9	8	8	8	8	9	10	11	11	12	10
BURB (SOUTH BOISE MUTUAL)	12	12	12	12	12	12	11	12	13	12	12	12	12	12	10	10	8
CALDWELL HIGH LINE	48	46	46	46	46	46	46	53	53	53	53	53	53	45	40	40	40
CAMPBELL (CANYON DITCH)	26	26	26	26	26	26	26	29	29	29	29	29	29	29	29	29	29
CANYON COUNTY	72	72	75	77	79	79	81	76	77	71	97	63	73	71	75	73	69
CONWAY-HAMMING	10	11	10	11	10	11	10	10	10	8	8						
DAVIS DITCH	7	7	7	7	7	7	7	7	7	7	7	7	7	9	9	9	9
EUREKA #2	99	99	99	99	100	101	102	103	103	102	101	101	100	99	98	97	90
FARMERS UNION	280	280	280	272	272	272	269	279	279	279	240	210	191	188	168	185	211
GRAHAM-GILBERT																	
HAS	13	14	14	14	14	10	10	3	8	8	8	8	8	8	7	7	8
HART-DAVIS	10	11	12	13	14	15	16	15	10	8	5						10
ISLAND HIGH LINE	34	33	33	33	33	33	33	33	33	34	34	34	34	34	34	34	5
LEMP	2	2	2	3	2	2	3	2	2	3	3	2	34	34	34	34	39
LITTLE PIONEER	22	22	21	20	18	19	20	17	16	17	17	17	17	17	18	20	22
LOWER CENTER POINT	27	25	25	25	25	26	26	27	28	28	28	28	28	28	28	29	29
MACE-CATLIN	6	6	5	5	5	4	4	4	4	4	4	3	2				
MACE-MACE	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2
MANNION					7	7	7	7	7	7	7	7	10	12	13	13	13
MCCONNEL ISLAND	52	52	52	52	52	52	52	50	50	50	50	52	53	54	55	55	50
MCMAHON & TEATER					2	2	2	2	2	2	10	10	12	12	13	13	13
KLEVES #1	1	2	1	2	1	2	1	2	1	2	3	3	2	3	3	3	3
KLEVES #2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3
MIDDLETON	173	179	173	170	171	174	176	171	190	213	184	137	137	129	133	159	161
NEW DRY CREEK	80	80	80	80	52	52	74	74	74	62	20	20	20	27	20	71	71
NEW YORK CANAL (B. OF C.)	2679	2674	2674	2735	2735	2735	2730	2730	2730	2730	2662	2303	2220	2220	2210	2220	231

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1976, INCLUDING STORAGE

JUNE

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
6	6	6			6								5	5	5	5	5	5	5	5	5	5
25	25	24	24	24	24	24	24	24	23	23	20	15	10	5						10	15	25
21	21	21	21	20	20	20	18	18	18	18	20	20	20	23	23	23	23	23	23	23	23	23
12	13	13	13	13	13	13	13	13	14	14	14	14	14	12	12	11	11	11	11	10	10	10
35	33	35	34	35	33	31	32	34	34	34	31	36	35	36	37	35	36	35	35	36	31	35
9	8	8	8	8	9	10	11	11	12	10	10	9	9	8	8	8	10	10	12	12	14	17
11	12	13	12	12	12	12	12	10	10	8	10	10	10	12	12	11	11	12	12		9	
46	53	53	53	53	53	53	45	40	40	40	40	40	40	45	46	46	46	48	48	50	51	53
26	29	29	29	29	29	29	29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	25
81	76	77	71	97	63	73	71	75	73	69	69	69	61	63	57	52	66	77	76	76	77	70
10	10	10	8	8							2	2	2	2	2	2	2	2	2	2	3	3
7	7	7	7	7	7	7	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
102	103	103	102	101	101	100	99	98	97	90	80	70	60	50	40	38	38	38	38	38	38	38
269	279	279	279	240	210	191	188	168	185	195	216	245	245	262	264	264	264	264	264	264	277	287
																			4	4	4	4
0	10	8	8	8	8	8	8	7	7	8	10	11	12	14	16	17	18	18	19	19	19	20
5	16	15	10	8	5					5	10	10	11	12	12	12	12	12	10	10	10	10
3	33	33	33	34	34	34	34	34	34	36	39	43	46	55	58	59	58	50	45	40	39	38
2	3	2	2	3	2											3	4	4	4	4	4	4
9	20	17	16	17	17	17	17	18	20	21	22	23	24	26	27	30	31	33	35	36	37	38
26	26	27	28	28	28	28	28	28	28	29	29	30	31	31	32	32	33	34	35	36	37	39
4	4	4	4	4	4	3	2				8	9	10	10	10	10	10	10	10	10	10	10
3	2	2	2	2	2	2	2	2	2	2									3	3	3	3
7	7	7	7	7	7	7	10	12	13	13	13	13	13	13	10	10	6	6	6	6	10	10
52	52	50	50	50	50	52	53	54	55	55	50	50	49	48	45	44	43	43	40	39	38	36
2	2	2	2	2	10	10	12	12	13	13	13	13	13	10						4	4	4
2	1	2	1	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3			
3	3	3	3	3	3	3																
174	176	171	190	213	184	137	137	129	133	159	177	161	173	165	187	170	170	194	194	184	197	198
52	74	74	74	62	20	20	20	27	20	30	71	71	72	69	69	69	69	76	83	83	70	73
735	2730	2730	2730	2730	2662	2303	2220	2220	2210	2220	2225	2190	2311	2420	2467	2634	2634	2702	2640	2640	2634	2634
28	25	23	24	23	20	18	16	14	12	10	12	14	16	18	19	20	21	21	21	21	20	20
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11
497	489	491	487	487	423	301	315	315	382	379	372	379	429	433	485	494	524	517	511	524	519	519
506	529	523	523	519	404	404	389	381	384	381	451	452	469	499	527	539	544	547	547	550	542	538
244	247	235	250	244	345	236	230	218	214	254	250	223	208	206	223	216	245	242	244	250	250	252
8	9	10	9	9	10	9	9	10	10	10	10	9	10	10	10	9	9	9	9	9	10	11
321	318	306	306	306	289	248	244	234	214	244	241	239	255	253	280	321	315	309	333	333	333	330
189	184	189	189	182	182	104	105	96	96	96	96	96	126	138	156	156	173	174	174	175	175	175
4	4	4	4	4	4	4														3	3	3
12	12	12	14	14	14	14	14	14	14	12	12	12	12	12	12	13	13	13	13	14	15	1
32	33	30	30	30	29	29	29	28	28	28	28	28	29	29	29	30	31	32	33	34	35	36
21	21	21	21	20	20	18	17	16	15	15	13	10	9	8	7	6	5	10	14	18	20	24
8	7	7	6	6	5	5	4	3	3	3	4	4	5	5	5	5	4	4	4	3	3	2
5684	5711	5685	5713	5690	5444	4608	4492	4438	4449	4572	4693	4639	4911	5033	5255	5450	5518	5634	5606	5635	5615	5646

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
			5	5	5	5	5	5	5	5	5	5	5	5		120
23	23	20	15	10	5						10	15	25	33		559
18	18	20	20	20	23	23	23	23	23	23	23	23	23	24		636
14	14	14	14	14	12	12	11	11	11	11	10	10	10	10		365
34	34	31	36	35	36	37	35	36	35	35	36	31	35	36		1029
12	10	10	9	9	8	8	8	10	10	12	12	14	17	18		304
10	8	10	10	10	12	12	11	11	12	12		9				305
40	40	40	40	40	45	46	46	46	48	48	50	51	53	53		1413
29	29	29	29	29	29	30	30	30	30	30	30	30	25	25		848
73	69	69	69	61	63	57	52	66	77	76	76	77	70	72		2165
		2	2	2	2	2	2	2	2	2	2	3	3	3		138
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		244
97	90	80	70	60	50	40	38	38	38	38	38	38	38	37		2296
185	195	216	245	245	262	264	264	264	264	264	264	277	287	287		7542
										4	4	4	4	4		20
7	8	10	11	12	14	16	17	18	18	19	19	19	20	20		380
	5	10	10	11	12	12	12	12	12	10	10	10	10	10		275
34	36	39	43	46	55	58	59	58	50	45	40	39	38	38		1180
							3	4	4	4	4	4	4	4		59
20	21	22	23	24	26	27	30	31	33	35	36	37	38	38		719
28	29	29	30	31	31	32	32	33	34	35	36	37	39	40		898
			8	9	10	10	10	10	10	10	10	10	10	10		173
2	2									3	3	3	3	3		52
13	13	13	13	13	10	10	6	6	6	6	10	10	10	10		240
55	50	50	49	48	45	44	43	43	40	39	38	36	35	34		1427
13	13	13	13	10							4	4	4	4		147
3	3	3	3	3	3	3	3	3	3	3						62
																33
159	177	161	173	165	187	170	170	194	194	184	197	198	190	191		5220
30	71	71	72	69	69	69	69	76	83	83	70	73	70	70		1860
2220	2225	2190	2311	2420	2467	2634	2634	2702	2640	2640	2634	2634	2629	2674		76421
10	12	14	16	18	19	20	21	21	21	21	20	20	20	19		661
12	12	12	12	12	12	12	12	12	12	12	12	12	11	11		358
379	372	379	429	433	485	494	524	517	511	524	519	519	561	554		13832
301	451	452	469	499	527	539	544	547	547	550	542	538	538	542		14724
254	250	223	208	206	223	216	245	242	244	250	250	252	242	228		7298
10	10	9	10	10	10	9	9	9	9	9	9	10	11	9		280
244	241	239	255	253	280	321	315	309	333	333	333	330	346	351		8770
96	96	96	126	138	156	156	173	174	174	175	175	175	175	175		4753
										3	3	3	3	3		64
12	12	12	12	12	12	12	13	13	13	13	14	15	16	16		331
28	28	28	29	29	29	30	31	32	33	34	35	36	36	36		906
15	13	10	9	8	7	6	5	10	14	18	20	24	28	31		513
3	4	4	5	5	5	5	4	4	4	3	3	2	3	2		146
4572	4693	4639	4911	5033	5255	5450	5518	5634	5606	5635	5615	5646	5694	5739		159,826
																264
																160,090

JULY

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
AIKEN	5	5	5	5	5	5	5	5								6	6
ANDREWS	33	33	30	30	30	30	29	29	29	30	32	33	34	35	35	35	35
BALLENTYNE	23	24	23	24	23	23	22	22	20	19	18	18	19	18	18	19	18
BAXTER	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12
BOISE CITY	36	36	36	36	35	35	36	35	36	36	36	34	35	36	35	36	35
BOWMAN-SWISHER	18	18	15	15	12	10	7	7	7	7	6	6	6	5	5	5	5
BUBB (SOUTH BOISE MUTUAL)	12	12	13	14	13	12	12	13	12	12	13	12	12	12	12	13	13
CALDWELL HIGH LINE	42	43	42	43	42	45	45	45	42	42	42	42	52	52	52	52	52
CAMPBELL (CANYON DITCH)	25	25	25	25	28	30	30	30	30	30	29	29	29	29	29	29	30
CANYON COUNTY	72	73	74	71	74	76	77	71	74	84	85	83	85	80	87	89	90
CONWAY-HAMMING	3	3	3	3	3	3	3	3							5	5	5
DAVIS DITCH	10	10	10	9	10	10	10	10	10	10	10	7	7	7	7	7	7
EUREKA #2	50	80	100	105	115	130	134	134	134	134	134	134	134	134	134	134	134
FARMERS UNION	287	287	287	287	287	287	287	287	287	289	289	283	280	280	280	271	271
GRAHAM-GILBERT	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
HAAS	20	20	20	20	20	20	20	20	20	20	10	10	10	10	10	10	12
HART-DAVIS	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ISLAND HIGH LINE	38	38	37	37	36	36	35	35	38	38	39	40	43	43	43	43	45
LEMP	4	4	4	4	4	4	4	4	4	4	4	8	8	8	8	8	8
LITTLE PIONEER	38	38	38	38	40	40	40	40	40	40	40	39	39	39	39	39	39
LOWER CENTER POINT	40	38	38	36	36	35	33	33	33	33	33	33	33	33	34	34	34
MACE-CATLIN	10	10	6	6	6	6	6	6	6	10	10	10	10	10	11	11	11
MACE-MACE	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
NAMMON	11	11	11	11	11	11	13	13	13	13	13	13	13	7	7	7	7
MCDONNELL ISLAND	34	32	30	28	25	25	22	22	30	30	35	35	36	37	37	37	40
MCMAHON & TEATER	4	5	5	6	6	8	8	8	10	10	12	12	14	15	15	15	15
MEEVES #1	3	2	3	2	3	2	3	2	3	2	3	4	3	4	3	4	3
MEEVES #2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MIDDLETON	190	184	191	186	186	167	170	164	164	153	149	138	181	177	177	171	176
NEW DRY CREEK	70	84	89	89	87	95	95	95	95	86	85	86	80	80	80	73	74
NEW YORK CANAL (B. OF C.)	2741	2752	2769	2774	2774	2780	2786	2780	2763	2769	2763	2758	2758	2752	2752	2718	2724
PARMA	19	15	10	9	8	8	4	4	6	10	10	12	14	15	15	30	30
PENITENTIARY	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
PHYLLIS	554	554	556	554	554	569	569	571	569	534	539	534	539	539	517	509	515
RIDENBAUGH	544	544	544	542	562	562	562	560	560	542	542	529	539	544	544	547	542
RIVERSIDE	213	217	227	227	238	232	230	216	216	216	206	219	224	237	232	227	238
ROSSI MILL	10	11	7	9	8	10	10	10	10	10	9	10	10	9	9	10	9
SEBREE (FARMERS CO-OP)	428	416	372	369	378	385	378	381	363	366	363	366	361	351	309	354	354
SETTLERS	183	194	194	194	192	193	197	196	196	196	195	194	194	192	132	193	196
SEVEN SUCKERS	4	3	4	3	4	4	4	4	4	4	4	3	3	3	3	3	3
STERNBERG	16	16	16	16	16	16	12	12	12	12	10	10	8	4	4	4	4
THURMAN MILL	36	37	37	37	37	37	37	37	37	37	37	36	36	36	36	36	36
UPPER CENTER POINT	31	30	30	26	26	26	20	20	20	24	24	24	24	26	26	26	26
WARM SPRINGS	2	3	3	4	4	4	4	5	5	6	6	7	7	7	7	7	7
TOTAL CANAL DIVERSIONS	5899	5947	5944	5933	5977	6010	5998	5968	5937	5906	5877	5912	5926	5907	5848	5850	5881
MISCELLANEOUS																	
TOTAL DIVERSIONS																	

CHART

JULY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
5								6	6	6	6	6	6	6	6	6	6	5	5	5	5	5
29	29	30	32	33	34	35	35	35	35	35	30	32	33	33	30	30	28	27	24	20	20	20
22	20	19	18	18	19	18	18	19	18	18	18	19	18	17	16	15	14	13	13	14	16	18
11	11	11	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11
35	36	36	36	34	35	36	35	36	35	36	36	36	36	35	35	35	36	35	36	34	35	35
7	7	7	6	6	6	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10
13	12	12	13	12	12	12	12	13	13	12	13	12	12	13	12	12	13	14	13	13	13	12
45	42	42	42	42	52	52	52	52	52	52	52	51	51	51	51	51	51	51	52	52	52	52
30	30	30	29	29	29	29	29	29	30	30	30	31	31	31	31	31	30	30	30	30	32	33
71	74	84	85	83	85	80	87	89	90	88	85	79	73	72	72	72	71	70	70	59	62	65
3							5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4
10	10	10	10	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
134	134	134	134	134	134	134	134	134	134	134	134	128	125	124	125	124	120	114	110	110	110	110
287	287	289	289	283	280	280	280	271	271	261	255	254	244	224	224	224	224	222	231	231	231	231
3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	20	20	10	10	10	10	10	10	12	15	16	16	17	17	17	19	20	22	24	24	24	24
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11
35	38	38	39	40	43	43	43	43	45	45	50	60	62	62	62	62	50	50	45	43	43	43
4	4	4	4	8	8	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4
40	40	40	40	40	39	39	39	39	39	38	38	37	37	37	37	37	35	35	33	33	30	30
33	33	33	33	33	33	33	33	34	34	34	34	36	36	36	36	36	36	36	36	36	36	36
6	6	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	9
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	13	13	13	13	13	7	7	7	7	7	7	7	6	6	6	6	6	6	6	10	10	10
22	30	30	35	35	36	37	37	37	37	40	43	45	46	46	46	43	41	40	40	39	39	40
8	10	10	12	12	14	15	15	15	15	15	15	15	15	15	12	10	9	9	6	5	5	5
2	3	2	3	4	3	4	3	4	3	3	2	1	2	1	2	1	2	2	2	2	1	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
164	164	153	149	138	181	177	177	171	171	176	176	171	171	171	171	180	180	181	156	156	155	161
95	95	95	86	85	86	80	80	80	73	74	71	75	75	75	75	75	75	71	75	82	65	65
2780	2763	2769	2763	2758	2758	2752	2752	2718	2724	2730	2679	2629	2640	2634	2685	2685	2685	2685	2685	2685	2685	2595
4	6	10	10	12	14	15	15	15	30	30	36	36	37	37	35	35	30	30	28	25	28	30
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9
571	569	534	539	534	539	539	517	509	515	522	491	489	493	489	465	465	469	465	487	485	489	489
560	560	542	542	529	539	544	544	547	542	544	539	542	542	542	547	544	544	535	535	544	542	542
216	216	216	206	219	224	237	232	227	238	256	277	250	258	269	252	253	266	266	237	237	242	244
10	10	10	9	10	10	9	9	10	9	11	10	9	9	8	9	9	9	8	9	8	9	8
381	363	366	363	366	361	351	309	354	354	361	275	273	270	268	265	292	258	257	276	276	300	303
196	196	196	195	194	194	192	192	193	196	194	193	193	191	191	192	193	187	185	182	180	180	180
4	4	4	4	3	3	3	3	3	3	3	7	7	7	7	7	7	8	8	8	8	8	8
12	12	12	10	10	8	4	4	4	4	4	5	7	8	8	10	10	14	14	14	15	15	15
37	37	37	37	36	36	36	36	36	36	36	39	39	39	38	38	38	35	32	32	32	32	32
20	20	24	24	24	24	26	26	26	26	26	24	24	22	22	22	22	22	22	25	28	28	28
5	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8
5968	5937	5906	5877	5912	5926	5907	5848	5850	5881	5922	5762	5685	5687	5660	5668	5696	5647	5616	5601	5598	5616	5546

CHART NO. 5

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
6	6	6	6	6	6	6	6	5	5	5	5	5	5	130
35	30	32	33	33	30	30	28	27	24	20	20	20	20	924
18	18	19	18	17	16	15	14	13	13	14	16	18	18	578
12	12	12	11	11	11	11	11	11	11	11	11	11	11	351
36	36	36	36	35	35	35	36	35	36	34	35	35	34	1098
5	10	10	10	10	10	10	10	10	10	10	10	10	10	285
12	13	12	12	13	12	12	13	14	13	13	13	12	12	388
52	52	51	51	51	51	51	51	51	52	52	52	52	52	1496
30	30	31	31	31	31	31	30	30	30	30	32	33	38	920
88	85	79	73	72	72	72	71	70	70	59	62	65	66	2349
5	5	5	5	5	5	4	4	4	4	4	4	4	4	101
7	8	8	8	8	8	8	8	8	8	8	8	8	8	262
134	134	128	125	124	125	124	120	114	110	110	110	110	110	3732
261	255	254	244	224	224	224	224	222	231	231	231	231	224	8106
4	4	4	4	4	4	4	4	4	4	4	4	4	4	110
15	16	16	17	17	17	19	20	22	24	24	24	24	24	551
10	10	10	10	10	10	10	10	11	11	11	11	11	11	316
45	50	60	62	62	62	62	50	50	45	43	43	43	43	1384
8	4	4	4	4	4	4	4	4	4	4	4	4	4	152
38	38	37	37	37	37	37	35	35	33	33	30	30	30	1154
34	34	36	36	36	36	36	36	36	36	36	36	36	36	1088
11	11	11	11	11	11	11	11	11	11	11	10	9	9	293
2	2	2	2	2	2	2	2	2	2	2	2	2	2	65
7	7	7	6	6	6	6	6	6	6	10	10	10	10	288
40	43	45	46	46	46	43	41	40	40	39	39	40	43	1123
15	15	15	15	15	12	10	9	9	6	5	5	5	5	309
3	2	1	2	1	2	1	2	2	2	2	1	2	2	74
3								2	2	2	2	2	2	66
176	176	171	171	171	171	180	180	181	156	156	155	161	152	5336
74	71	75	75	75	75	75	75	71	75	82	65	65	65	2482
2730	2679	2629	2640	2634	2685	2685	2685	2685	2685	2685	2685	2595	2595	84210
30	36	36	37	37	35	35	30	30	28	25	28	30	30	651
10	10	10	10	10	10	10	9	9	9	9	9	9	9	303
522	491	489	493	489	465	465	469	465	487	485	489	489	465	16039
544	539	542	542	542	547	544	544	535	535	544	542	542	542	16893
256	277	250	258	269	252	253	266	266	237	237	242	244	250	7372
11	10	9	9	8	9	9	9	8	9	9	8	9	8	286
361	275	273	270	268	265	292	258	257	276	276	300	303	303	10271
194	193	193	191	191	192	193	187	185	182	180	180	180	178	5909
3													3	66
4	5	7	8	8	10	10	14	14	14	15	15	15	15	342
38	39	39	39	38	38	38	35	32	32	32	32	32	31	1117
26	24	24	22	22	22	22	22	22	25	28	28	28	28	772
7	7	7	7	7	7	7	8	8	8	8	8	8	6	191
5922	5762	5685	5687	5660	5668	5696	5647	5616	5601	5598	5616	5546	5513	179,937
														396
														180,333

ALG

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALLEN	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3
ANDREWS	10								10	10	13	13	13	13	13
BALLENTYNE	18	18	18	18	18	15	15	15	14	13	14	13	14	15	14
BAXTER	14	14	14	14	14	14	14	14	14	14	14	41	14	14	14
BOISE CITY	32	33	32	32	31	30	30	30	30	32	31	32	26	31	34
BOWMAN-SWISHER	10	8	7	7	7	7	8	8	8	8	9	9	9	9	5
HUBB (SOUTH BOISE MUTUAL)	9	7	9	9	9	9	10	9	9	13	12	12	13	12	12
CALDWELL HIGH LINE	40	40	43	40	40	40	40	40	45	49	45	45	40	40	40
CAMPBELL (CANYON DITCH)	38	40	41	41	40	38	38	35	30	29	29	29	35	35	40
CANYON COUNTY	77	68	67	62	70	67	63	64	63	61	66	66	71	71	69
CONWAY-HAMMING															
DAVIS DITCH	9	10	10	10	10	10	10	9	8	8	8	8	8	8	8
EUREKA #2	110	110	110	105	105	100	100	93	90	85	84	84	84	84	85
FARMERS UNION	224	211	203	184	184	184	184	184	203	213	233	244	233	233	233
GRAHAM-GILBERT							3	3	3	3	3	3	3	3	3
HAAZ	24	24	24	24	24	24	24	23	22	22	21	21	21	20	20
HART DAVIS	10	9	10	9	10	9	10	9	7	7	7	9	9	9	10
ISLAND HIGH LINE	43	33	37	35	35	35	35	34	34	34	33	34	37	40	47
LEMP	4	2	2	2	2	2	2	2	2	2	2	2	2	2	4
LITTLE PIONEER	30	27	24	24	24	24	24	24	23	23	25	25	24	30	33
LOWER CENTER POINT	30	20									34	34	34	35	35
MACE-CATLINE	7	6	6	6	6	7	7	7	8	8	8	8	8	8	8
MACE-MACE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAMMON	10	10	10	10	10	10	10	10	10	6	6	6	6	6	6
MC CONNEL ISLAND	45	50	55	56	56	49	45	40	35	30	29	25	20	18	12
MCNAMUS & TEATER	9	9	9	9	9	9	9	9	9	5	5	5	5	5	5
NEEVES #1	1														
NEEVES #2	2														
MIDDLETON									3	3	3	3	3	3	3
NEW DRY CREEK	179	155	117	111	125	122	117	115	116	93	98	106	153	125	119
	70	70	70	70	60	60	50	50	45	45	45	50	50	50	55
NEW YORK CANAL (B. OF C.)	2601	2584	2487	2440	2363	2373	2368	2321	2316	2337	2425	2535	2524	2524	2535
PARMA	31	31	31	31	31	30	30	28	25	24	23	23	23	23	23
PENITENTIARY	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
PHYLLIS	435	404	375	370	362	364	364	360	360	375	383	383	414	414	414
RIDENBAUGH	510	526	521	496	499	499	450	452	435	435	442	495	495	506	498
RIVERSIDE	297	292	268	253	265	274	252	238	239	226	224	224	227	235	279
ROSSI MILL	9	9	7	9	7	6	6	6	6	7	9	8	8	9	9
SEBEE (FARMERS CO-OP)	312	255	258	255	219	246	246	244	241	266	260	255	250	240	220
SETTLERS	182	168	175	172	92	108	140	138	135	140	159	162	160	159	170
SEVEN SUCKERS	3	3	3	3	3	3	3								
														3	3
STERNBERG	16	16	16	16	16	16	16	16	16	16	15	15	13	12	10
THOMAS MILL	30	29	29	29	28	28	28	27	26	26	27	29	29	31	32
UPPER CENTER POINT	28	26	24	22	22	22	22	22	22	21	21	21	21	18	18
WARM SPRINGS DITCH	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
TOTAL CANAL DIVERSIONS	5526	5340	5129	4991	4814	4851	4730	4696	4677	4704	4880	5066	5119	5105	5158
MISCELLANEOUS															
TOTAL DIVERSIONS															5150

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
 14 DAYS DURING THE IRRIGATION SEASON 1976, 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	5	5	5	5	5	4	2								
10	10	13	13	13	13	13	8	5												20	
14	13	14	13	14	13	14	15	16	15	17	15	17	15	18	18	13	17	17	16	16	
14	14	14	41	14	14	14	14	14	14	14	14	14	14	14	13	14	13	14	13	14	
30	30	31	38	26	31	34	36	35	36	36	34	34	34	34	34	33	33	33	33	32	
8	8	9	9	9	9	5	5	5	4	4	4	6	6	7	7	8	8	7	7	6	
9	13	10	12	13	12	12	13	13	13	13	13	13	12	13	12	12	13	12	12	13	
43	49	43	43	40	40	40	40	41	42	42	42	42	42	42	44	42	40	40	40	40	
30	29	29	29	35	35	40	45	46	45	40	38	37	35	30	28	28	28	28	28	28	
63	61	66	66	71	71	69	85	68	66	64	57	59	64	63	62	60	56	54	56	57	
8	8	8	8	8	8	8	4	4	4	4	4	4	4								
90	85	84	84	84	84	85	87	87	88	88	88	87	87	86	85	84	84	83	83	82	
203	213	233	244	233	233	233	207	198	198	184	184	203	203	208	209	199	199	199	199	205	
3	3	3	3	3	3	3	3	3	3	3	3										
3	28	22	21	21	21	20	20	19	19	19	15	15	13	13	12	12	12	12	11	11	
9	7	7	7	9	9	9	10	11	11	11	10	9	9	8	8	8	6	6	5	5	
4	34	34	33	34	37	40	47	50	55	56	53	50	48	41	40	39	39	36	36	30	
2	2	2	2	2	2	2	4	4	4	4	4	4	4	3	3	3	3	3	3	3	
4	23	23	25	25	21	30	33	34	34	34	34	34	34	34	35	35	32	31	30	29	
7	8	8	34	34	34	35	37	38	39	37	36	30	29	27	23	21	21	24	24	25	
1	1	1	1	1	1	1	9	9	9	9	9	9	9								
10	10	6	6	6	6	6	6	6	10	10	10	10	10	10	10				10	10	
10	35	30	29	25	20	18	12	10	10	9	15	28	35	37	40	41	42	40	31	27	
9	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	
15	116	93	98	106	153	125	119	98	112	108	107	98	94	97	94	113	107	106	104	102	
30	45	45	45	50	50	55	55	60	60	60	60	56	56	54	52	54	58	62	64	66	
21	2316	2337	2425	2535	2324	2324	2535	2529	2540	2461	2477	2477	2503	2513	2446	2441	2441	2389	2389	2441	
20	25	24	23	23	23	23	23	24	25	25	25	25	24	24	23	22	22	20	20	15	
6	6	6	6	6	6	6	6	6	6	6	6	7	8	8	8	8	8	8	8	8	
60	360	375	383	383	414	414	414	397	400	377	372	379	379	377	382	381	379	381	382	382	
98	435	435	442	496	495	506	517	498	499	481	486	485	484	457	458	456	476	478	478	476	
38	239	226	224	224	227	235	255	279	268	266	269	245	230	242	244	231	236	238	234	234	
6	6	7	9	8	8	9	9	10	8	6	6	7	7	7	9	6	6	4	7	7	
44	241	266	260	255	250	240	230	220	219	219	239	236	295	303	293	292	292	292	289	255	
38	135	140	139	168	160	159	170	172	173	171	140	139	155	131	130	142	141	141	159	150	
							3	3	3	3	3	3								3	
16	16	16	15	15	13	12	9	9	6	6	6	5	5	5	5	3	3	3	3	4	
27	26	26	27	29	29	31	32	32	32	32	32	30	29	29	29	28	28	28	28	28	
22	22	21	21	21	21	18	18	18	15	15	15	15	15	15	15	16	16	20	20	20	
3	3	3	3	3	3	3	7	7	7	7	7	7	7	6	6	6	6	5	5	5	
46	4677	4704	4880	5066	5119	5105	5158	5150	5111	5090	4945	4939	4945	5022	4969	4914	4872	4881	4820	4858	4866

CANALS

CHART NO. 5

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5	5	5	5	4	2										92
5															193
16	15	17	15	17	15	18	18	13	17	17	16	20	30	35	493
14	14	14	14	14	14	14	13	14	13	14	13	14	13	14	430
35	36	36	34	34	34	34	34	33	33	33	33	32	35	32	1010
5	4	4	4	6	6	7	7	8	8	7	7	6	5	6	214
13	13	13	13	13	12	13	12	12	13	12	12	13	12	13	356
41	42	42	42	42	42	42	44	42	40	40	40	40	40	38	1284
46	45	40	38	37	35	30	28	28	28	28	28	28	28	26	1076
68	66	64	57	59	64	63	62	60	56	54	56	57	56	50	1982
4	4	4	4	4	4										28
8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	260
87	88	88	88	87	87	86	85	84	84	83	83	82	82	80	2790
198	198	184	184	203	203	208	209	199	199	199	199	205	220	220	6385
3	3	3	3												42
19	19	19	15	15	13	13	12	12	12	12	11	11	11	11	563
11	11	10	10	9	9	8	8	8	6	6	5	5	4	4	259
55	56	56	53	50	48	41	40	39	39	36	36	30	30	25	1236
4	4	4	4	4	4	3	3	3	3	3	3	3			83
34	34	34	34	34	34	34	35	35	32	31	30	29	28	27	908
38	39	37	36	30	29	27	23	21	21	24	24	25	25	26	684
9	9	9	9	9	9										171
6	10	10	10	10	10	10	10				10	10	10	10	15
10	9	15	28	35	37	40	41	42	40	31	27	25	20	18	248
															993
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	191
3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	42
3	3	3	3	3	3								4	4	52
112	108	107	98	94	97	94	113	107	106	104	102	104	104	117	3516
60	60	60	56	56	54	52	54	58	62	64	66	68	70	70	1810
2529	2540	2461	2477	2477	2503	2513	2446	2441	2441	2389	2389	2441	2441	2420	76176
24	25	25	25	25	24	24	23	22	22	20	20	15	15	10	749
6	6	6	6	7	8	8	8	8	8	8	8	8	8	8	207
397	400	377	372	379	379	377	382	381	379	381	382	382	381	374	11914
499	481	485	486	485	484	457	458	458	476	478	478	476	484	484	14946
268	266	269	253	245	230	242	244	231	236	238	234	234	231	221	7690
10	8	6	6	7	7	7	9	6	6	4	7	7	7	7	228
219	219	219	239	236	295	303	293	292	292	292	289	255	251	244	7935
179	171	140	139	139	155	131	130	142	141	141	159	150	164	171	4678
3	3	3	3	3								3	3	3	51
9	6	6	6	5	5	5	5	3	3	3	3	4	4	4	305
32	32	32	32	30	29	29	29	28	28	28	28	28	27	27	900
18	15	15	15	15	15	15	15	16	16	20	20	20	21	21	605
7	7	7	7	7	7	6	6	6	6	5	5	5	3	3	169
5111	5090	4945	4939	4945	5022	4969	4914	4872	4881	4820	4838	4866	4897	4854	153250

153.959

213

154,172

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

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ANDREWS	37	37	37	37	37	37	37	26	26	26	26	26	26	26	3
BALLENTYNE	15	15	15	14	14	13	13	13	13	13	13	13	12	12	12
BAXTER	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13
BOISE CITY	32	33	34	34	35	34	34	33	32	31	31	31	28	29	23
BOWMAN-SWISHER	5	6	5	6	5	6	10	11	11	10	9	8	5	4	3
BURE (SOUTH BOISE MUTUAL)	13	12	13	12	12	12	13	13	12	13	13	12	9	13	9
CALDWELL HIGH LINE	40	40	40	40	40	41	40	40	40	40	40	41	40	36	40
CAMPBELL (CANYON)	25	26	26	24	24	20	18	18	15	15	10	10	8	6	6
CANYON COUNTY	66	62	68	73	72	75	77	73	73	69	70	52	52	53	46
CONNAY-WANNING	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
DAVIS DITCH	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8
LORENA #2	80	80	83	85	90	94	95	96	95	90	87	80	80	75	68
FARMERS UNION	234	234	244	244	244	219	210	210	201	201	201	165	151	150	129
GRAHAM-GILBERT												2	3	2	3
HAS	11	10	11	12	12	13	13	14	14	14	14	14	14	14	15
HART-DAVIS	6	6	7	8	9	10	10	10	10	10	10	9	8	8	6
ISLAND HIGH LINE	20	23	25	27	31	35	36	37	37	37	37	45	45	47	49
LEMP	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
LITTLE PIONEER	27	27	27	27	28	28	28	28	28	28	20	10			
LOWER CENTER POINT	26	26	26	26	26	26	27	28	28	28	28	28	28	28	29
MADE-CATLIN	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9
MADE-MADE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HAMMON	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
MCNELL ISLAND	19	20	25	30	33	36	39	40	40	40	35	35	32	31	30
MCNAMUS & TEATER	5	4	5	4	5	4	5	4	5	4	5	4	5	5	6
MELVES #1	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
MELVES #2	3	4	3	4	3	4	4	4	4	4	3	3	3	3	3
MIDDLETON	122	124	122	129	128	129	115	121	115	109	111	107	107	104	105
NEW DRY CREEK	74	74	74	74	73	66	41	41	41	41	41	41	41	41	41
NEW YORK CANAL (B. OF C.)	2451	2535	2551	2546	2546	2557	2551	2493	2461	2425	2435	2331	2225	2150	2170
PARMA	8	8	10	10	11	12	13	14	13	14	13	14	15	14	15
PENITENTIARY	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
PHILLIS	383	374	381	381	381	381	368	368	335	331	335	299	274	273	273
RIDENBAUGH	496	501	503	505	505	521	521	521	510	491	482	442	421	407	410
RIVERSIDE	211	208	208	213	224	244	241	238	238	233	239	265	238	239	244
ROSSI MILL	7	7	8	8	7	7	7	7	5	8	3	5	6	8	244
SEBEE (FARMERS CO-OP)	278	280	280	283	283	286	253	250	250	250	250	207	200	200	190
SETTLERS	173	171	174	174	174	156	151	151	150	150	152	110	106	102	79
SEVEN SUCKERS	2	3	2	3	2	2	2	2	2	2	2	2			65
STEBBERG	4	4	4	5	5	9	10	11	11	11	11	11	11	11	11
THURMAN HILL	27	28	28	28	28	28	27	27	26	25	23	21	21	21	19
UPPER CENTER POINT	21	21	21	21	21	21	21	21	21	21	20	20	20	19	18
WASH SPRINGS DITCH	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL CANAL DIVERSIONS	4980	5064	5118	5145	5166	5186	5090	5023	4922	4844	4819	4512	4240	4180	4123
MISCELLANEOUS															
TOTAL DIVERSIONS															

SEPTEMBER

090 5023 4922 4844 4819 4512 4240 4180 4123 3999 3704 3510 3311 3207 3199 3178 3175 3138 3089 3077 3009 3658

CHART NO. 5

[illegible]

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NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5
ANDREWS															
BALLENTYNE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
BAXTER	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
BOISE CITY	26	26	26	24	24	24	24	24	26	25	25	25	24	24	24
BOWMAN-SWISHER	0	→													
BUBB (SOUTH BOISE MUTUAL)	14	11	11	9	14	14	13	13	12	14	15	9	14	14	14
CALDWELL HIGH LINE	40	40	40	40	41	40	40	40	40	40	40	24	0	→	0
CAMPBELL (CANYON DITCH)	8	8	8	8	7	7	7	7	7	7	7				
CANYON COUNTY	51	21	20	36	34	34	34	34	32	39	40	41	41	41	41
CONWAY-HARRING															
DAVIS DITCH	4	4	4	4	4	4	4	4							
EUREKA #2	8	8	8	8	8	8	8	8							
FARMERS UNION	46	48	50	54	56	58	58	56	56	56	55	55	56	55	55
GRAHAM-GILBERT	85	85	85	113	113	99	99	99	99	99	113	99	119	119	
HAAS	6	5	4	5	4	5	4	5	4	5	4	4	5	4	5
HART-DAVIS	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
ISLAND HIGH LINE	31	30	30	29	29	28	28	27	27	27	26	26	26	26	26
LEMP	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
LITTLE PIONEER	19	19	19	19	19	19	19	18	17	16	15	15	15	15	15
LOWER CENTER POINT	29	29	29	29	29	27	27	27	27	27	27	27	27	27	27
MACE-CATLIN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MACE-MACE															
HAMMON															
MCCONNEL ISLAND	19	20	22	24	25	26	26	26	26	25	25	24	24	24	24
MCMAHON & TEATER															
NEEVES #1	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3
NEEVES #2	0														
MIDDLETON	87	88	90	90	81	81	83	83	81	84	80	82	82	82	82
NEW DRY CREEK	60	60	60	36	60	60	60	60	60	60	36	60	60	60	60
NEW YORK CANAL (B. OF C.)	1764	1764	1764	1745	1745	1750	1764	1736	1815	1782	1782	1777	1777	1820	1829
PADMA	12	13	14	15	15	17	17	17	17	17	16	16	16	16	16
PENITENTIARY	1	1	2	2	2	4	4	4	4	4	4	4	4	4	4
PHILLIS	189	191	191	191	193	196	196	196	196	198	198	198	198	198	198
RIDENBAUGH	267	283	284	285	297	297	297	297	0	→					
RIVERSIDE	209	196	208	205	210	206	206	203	203	202	202	199	202	202	202
ROSSI HILL	6	6	5	5	5	5	6	5	6	4	5	4	10	10	9
SEBBEE (FARMERS CO-OP)	84	84	84	83	75	75	74	75	75	74	74	74	74	74	74
SETTLERS	24	24	24	24	24	24	24	24							
SEVEN SUCKERS															
STERNBERG															
THURMAN HILL	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
UPPER CENTER POINT	0	0													
WARR SPRINGS DITCH	2	1	2	3	4	4	6	6	10	10	12	13	15	15	10
TOTAL CANAL DIVERSIONS	3142	3118	3139	3142	3173	3171	3186	3153	2898	2875	2859	2836	2847	2691	2575
MISCELLANEOUS															
TOTAL DIVERSIONS															1098

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1976, INCLUDING STORAGE

CHART NO.

OCTOBER

9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

5 5 5 5 5 5 5 1 End

10 10 10 10 10 10 10
11 11 11 11 11 11 11
26 25 25 25 24 24 24

12 14 15 9 14 14 14
40 40 40 24 0 → 0
7 7 7
32 39 40 41 41 41 41

56 56 55 55 56 55 55
99 99 113 99 119 119

4 5 4 4 5 4 5
6 6 6 6 6 6 6
27 27 26 26 26 26 26
3 3 3 3 3 3 3
17 16 15 15 15 15 15

27 27 27 27 27 27 27
4 4 4 4 4 4 4

26 26 25 25 24 24 24

3 3 3 3 3 3 3
3 3 3 3 3 3 3
81 84 80 82 82 82 82
60 60 36 60 60 60 60

1815 1782 1782 1777 1777 1820 1829 1098 1105 1094
17 17 17 16 16 16 16
4 4 4 4 4 4 4
196 198 198 198 198
97 0

203 202 202 199 202 202 202
5 6 4 5 4 10 10 9
75 75 74 74 74 74 74 74
24

12 12 12 12 12 12 12
6 10 10 12 13 15 15 10
2 1 2 1 2 1 2 1

2898 2875 2859 2836 2847 2691 2575 1098 1105 1094

VALLEY CANALS
 INCLUDING STORAGE

CHART NO. 5

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
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71
 0
 150
 165
 371

0
 191
 465
 81
 539

32
 64
 814
 1426
 0

69
 90
 416
 45
 299

415
 60
 0
 0
 362

0
 42
 30
 1258
 852

29911
 234
 48
 2531
 2307

3055
 91
 1153
 192
 0

180
 0
 110
 23

48,102
 94
 48,196

1105 1094

1105 1094

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM THE BOISE RIVER
DURING THE IRRIGATION SEASON OF 1976

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
AIKEN	140	188	240	260	184	102	142	1256
ANDREWS	0	798	1118	1648	386	882	0	5022
BALLENTYNE	304	1414	1272	1156	986	676	300	6108
BAXTER	340	1042	730	702	860	702	330	4706
BOISE CITY	664	2084	2058	2196	2020	1654	742	11418
BOWMAN-SWISHER	0	702	608	578	428	244	0	2560
BURR (SOUTH BOISE MUTUAL)	96	776	610	776	712	644	382	3996
CALDWELL HIGH LINE	1276	3282	2826	2992	2568	2396	930	16270
CAMPBELL (CANYON DITCH)	556	2134	1696	1840	2152	708	162	9248
CANYON COUNTY	758	4602	4330	4698	3964	3436	1078	22866
CONWAY-HAMMING	0	188	276	202	56	60	64	846
DAVIS DITCH	112	498	488	524	520	478	128	2748
EUREKA #2	1520	6432	4592	7464	5580	4128	1628	31344
FARMERS UNION	3760	16970	15084	16212	12770	9102	2852	76750
GRAHAM-GILBERT	0	178	40	220	84	44	0	566
HAAS	106	700	760	1102	1126	742	138	4674
HART-DAVIS	58	532	550	632	518	266	180	2736
ISLAND HIGH LINE	2012	2640	2360	2768	2472	2074	832	15158
LEMP	30	128	118	304	166	90	90	926
LITTLE PIONEER	804	2730	1438	2308	1816	612	518	10226
LOWER CENTER POINT	760	1750	1796	2176	1368	1658	830	10338
MACE-CATLIN	104	374	346	586	342	170	120	2042
MACE-MACE	0	16	104	130	30	2	0	282
MAMMON	0	320	480	576	496	280	0	2152
MCDONNELL ISLAND	1976	2304	2854	2246	1986	1882	724	14472
MCMAHON & TEATER	136	288	294	618	382	258	0	1976
MEEVES #1	0	178	124	148	84	82	84	700
MEEVES #2	0	114	66	132	104	128	60	604
MIDDLETON	1222	11190	10440	10672	7032	6300	2516	49372
MISCELLANEOUS	312	678	528	792	426	442	188	3386
NEW DRY CREEK	562	4806	3720	4964	3620	2592	1704	21968
NEW YORK CANAL (B.O.F.C.)	58712	158248	152842	168420	152352	127470	59822	877866
PARMA	726	1568	1322	1302	1498	776	468	7660
PENITENTIARY	0	662	716	606	414	392	96	2886
PHYLLIS	7014	29144	27664	32078	23828	16272	5062	141062
RIDENBAUGH	7372	32082	29448	33786	29892	22886	4614	160080
RIVERSIDE	6882	14144	14596	14744	15380	13314	6110	95170
ROSSI MILL	160	534	560	572	456	380	182	2844
SEBREE (FARMERS CO-OP)	4168	17384	17540	20542	15870	10518	2306	88328
SETTLERS	600	11130	9506	11818	9356	5350	384	48144

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM THE BOISE RIVER
DURING THE IRRIGATION SEASON OF 1976

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
SEVEN SUCKERS	0	134	128	132	102	52	0	548
SIEBENBERG	24	666	782	684	610	598	360	3724
THURMAN MILL	174	1954	1812	2234	1800	984	0	8958
UPPER CENTER POINT	108	1454	1026	1544	1210	912	220	6474
WARM SPRINGS DITCH	0	540	292	382	338	136	46	1734
TOTALS	103,548	340,190	320,180	360,666	308,344	242,874	96,392	1,772,194

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 DECREEED CANAL OR USER.
MISCELLANEOUS IS A GROUP OF INDIVIDUAL USERS.

BOISE RIVER CANAL DIVERSIONS IN AC

BEGINNING 1967

NAME OF CANAL	1967	1968	1969	1970	1971	1972	1973
AIKEN		1212	1122	1336	914	1112	1320
ANDREWS		8042	7708	9240	7670	7878	5702
BALLENTYNE	5148	4518	6284	6040	6418	6108	6364
BAXTER		4460	3210	4100	4966	4464	5042
BOISE CITY	9812	10430	11110	10552	12238	12438	11614
BOISE VALLEY	19988	19124	20358	17462	17546	19494	19840
BOONE			106	0	0	0	0
BOWMAN-SWISHER		3474	3038	2044	3664	2956	3506
BUBB (SOUTH BOISE MUTUAL)	5390	4452	4098	3738	4128	3698	3326
CALDWELL HIGH LINE	21440	17308	19044	16440	15438	16356	16534
CAMPBELL (CANYON)	9344	9536	11258	11054	12100	12838	10354
CANYON COUNTY WATER CO	24268	22428	24682	27386	26078	26794	26026
CAPITAL VIEW IRRIG. DIST.	2072	2142	2730	2440	2222	2524	2450
CONWAY-HAMMING		1238	1304	832	674	782	1074
DAVIS DITCH	3834	4680	4124	4038	3762	3978	3584
EUREKA WATER CO. #1	7574	8456	10568	10672	10236	9398	10890
EUREKA #2	32866	36268	31052	32952	33538	39478	37924
FARMERS UNION	51008	49316	52656	53180	56308	54104	54050
GRAHAM-GILBERT		648	676	534	294	386	1022
HAAS		4294	3330	4058	4084	4156	4962
HART-DAVIS		5776	4382	3702	2782	2622	3320
ISLAND HIGH LINE		13914	15988	15850	12972	13418	14308
LEMP		2980	1504	2174	840	1168	1880
LITTLE PIONEER	11282	9114	14032	16536	12964	13410	12994
LOWER CENTER POINT	12702	11292	8676	9668	9370	10638	10628
MACE-CATLIN		2428	2408	2802	2584	2788	3670
MACE-MACE		1114	814	758	372	324	716
MAMMON		1162	1384	1704	2020	1802	1672
MCCONNEL ISLAND		10832	12894	15302	13182	12934	9700
MCMANUS AND TEATER		1340	1564	1156	1112	1424	1564
MEEVES #1		612	690	846	570	740	664
MEEVES #2					250	252	48
MIDDLETON WATER CO.	27928	29133	31028	32880	30984	31547	29999
MIDDLETON MILL DITCH	20224	21097	22468	23810	22436	22845	21723
MISCELLANEOUS	5962	6102	9960	2378	2650	2222	2706
NEW DRY CREEK	19088	19964	21764	19110	19690	17346	17840
NEW UNION	5158	5118	4024	4002	4474	4262	4720
NEW YORK CANAL (B. OF C.)	908206	857014	930788	885602	947652	868444	851016
PARMA		7462	6984	8678	8402	8426	7652
PENITENTIARY	1954	2114	2008	2342	2790	2404	3256
PHYLLIS	125032	105940	132490	128090	128064	132206	120328
PIONEER DIXIE	24206	24766	23618	23700	22800	23856	30362
RIDENBAUGH	174206	169182	177208	175524	176718	181950	175826
RIVERSIDE	57026	54290	51356	43538	57780	69600	60728
ROEDEL		1780	610	608	800	312	88

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1967

CHART NO. 7

1971	1972	1973	1974	1975	1976
914	1112	1320	1212	626	1256
7670	7878	5702	8238	7442	5022
6418	6108	6364	6468	5964	6108
4966	4464	5042	4180	4364	4706
2238	12438	11614	12358	12038	11418
7546	19494	19840	20544	12878	13273
0	0	0	0	0	0
3664	2956	3506	3028	2340	2560
4128	3698	3326	3986	3342	3996
5438	16356	16534	15592	17088	16270
2100	12838	10354	17218	9874	9248
6078	26794	26026	23998	22876	22866
2222	2524	2450	2524	2208	2448
674	782	1074	732	714	846
3762	3978	3584	3710	2722	2748
0236	9398	10890	10412	9670	6738
33538	39478	37924	36616	32044	31344
56308	54104	54050	56640	59926	61029
294	386	1022	522	606	566
4084	4156	4962	4280	4586	4674
2782	2622	3320	2618	2746	2736
12972	13418	14308	15538	13696	15158
840	1168	1880	1118	954	926
12964	13410	12994	14238	9930	10226
9370	10638	10628	13172	11428	10338
2584	2788	3670	2552	2242	2042
372	324	716	390	434	282
2020	1802	1672	1624	1670	2152
13182	12934	9700	17442	12582	14472
1112	1424	1564	1774	1244	1976
570	740	664	766	626	700
250	252	48	158	146	604
30984	31547	29999	30628	30001	28636
22436	22845	21723	22178	21725	20736
2650	2222	2706	2624	3378	3386
19690	17346	17840	19492	16512	17838
4474	4262	4720	4690	4214	4130
17652	868444	851016	939782	878784	877866
8402	8426	7652	6388	5684	7660
2790	2404	3256	3006	2882	2886
8064	132206	120328	124672	119654	134324
2800	23856	30362	29380	26346	28390
6718	181950	175826	175218	163532	160080
7780	69600	60728	59162	52696	56780
800	312	88	0	0	0

BOISE RIVER CANAL DIVERSIONS IN

BEGINNING 1967

NAME OF CANAL	1967	1968	1969	1970	1971	1972	1973
ROSSI MILL (SOUTH BOISE CANAL)	3232	3082	3478	3212	3428	3340	3244
SEHREE (FARMERS CO-OP)	105780	101228	94108	91792	95350	96446	98650
SETTLERS	52424	51430	51930	55450	56316	53818	51838
SEVEN SUCKERS		1330	788	664	762	602	470
SIEPENBERG	4280	3736	4378	4756	3310	3938	3724
THURMAN MILL	10512	10198	11564	9102	9642	10608	10330
UPPER CENTER POINT	5270	5518	5186	5322	5094	6136	6944
WARM SPRINGS DITCH		2558	2116	1528	1936	1658	1910
TOTAL SUMMER DIVERSIONS	1785410	1755632	1870648	1810684	1882374	1832428	1790102
STORAGE WATER USED	-	581723	555489	471312	418822	422038	461186
SUMMER RETURN FLOW USED	428828	253699	385530	423236	485686	483054	236678
NATURAL FLOW USED IRRIGATION SEASON		920210	929629	916136	977866	927336	1092238
FLOOD CONTROL & OTHER LOSS TO IRRIGATION SEASON	0	0	239554	324006	909339	823660	0
LOSS TO THE BOISE RIVER @PARMA		237060	783482	573559	1336242	1073714	(DELETE)
OUTFLOW LUCKY PEAK RESERVOIR (APRIL 1 TO OCT. 31)				1823244	2541080	2266804	1400638
FISH AND GAME	37050	18992	10290	16126	12056	19554	19195
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	93370	27416	0	4272	0	62902	100148
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM TOTAL YEAR	0	0	709378	920626	1969314	1810036	0
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1785410	1802840	1880938	1831082	1894430	1914884	1909445
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	1487002	1364416	2519304	2295068	3361958	3080356	3178052
TOTAL LOSS TO THE BOISE RIVER @PARMA		454788	1527244	1218344	2528166	2110052	(DELETE)
TOTAL OUTFLOW LUCKY PEAK	1647352	1466906	2384296	2102898	3366002	3159410	1551496
							3046

YEARS 1950 THRU 1966 IN PREVIOUS REPORTS

THE GEOLOGICAL SURVEY IS KEEPING RECORDS ON THE RIVER AT PARMA AND THEY MAY BE OBTAINED FROM THEM

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

CHART NO. 7

BEGINNING 1967

1971	1972	1973	1974	1975	1976
3428	3340	3244	3326	3188	2844
95350	96446	98650	98916	88482	88328
56316	53818	51838	55072	47994	48144
762	602	470	420	572	548
3310	3938	3724	4478	3450	3724
9642	10608	10330	8520	8844	8958
5094	6136	6944	6830	6772	6474
1936	1658	1910	1650	2432	1734
1882374	1832428	1790102	1900080	1756648	1772194
418822	422038	461186	475174	418205	500326
485686	483054	236678	451392	446230	473054
977866	927336	1092238	973514	892213	796068
909339	823660	0	1598234	459022	485244
1336242	1073714	(DELETE)			
2541080	2266804	1400638	3046922	2215670	1784384
12056	19554	19195	34046	42870	19340
0	62902	100148	136988	38334	36242
1969314	1810036	0	1598234	593024	754804
1894430	1914884	1909445	2071114	1837852	1827776
3361958	3080356	1378052	3147560	2498310	2028830
2528166	2110052	(DELETE)			
3366002	3159410	1551496	3046922	2430876	2109526

TABLE SHOWING ACRES FEET PER ACRE DIVERTED

FOR EACH IRRIGATION SEASON
(ACREAGE TAKEN FROM CHART)

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED
AIKEN						236	5.14	236
ANDREWS						1068	7.53	1068
BALLENTYNE	763	9.04	763	6.99	6.75	763	5.92	763
BAXTER						200	2.23	200
BOISE CITY	1828	5.40	1828	5.67	5.37	1828	5.71	1828
BOISE VALLEY								
BOONE	2729	5.78	2729	8.12	7.32	2729	7.01	2729
BOWMAN-SWISHER								517
BUBB (SOUTH BOISE MUTUAL)	1057	4.23	1057	4.63	5.10	424	8.19	424
*CALDWELL HIGH LINE	3960	5.27	3960	4.25	5.41	1057	4.21	1057
						3960	4.37	3960
CAMPBELL (CANYON)	802	15.54	802	13.78	11.65	802	11.89	802
CANYON COUNTY	4007	6.30	4007	6.36	6.06	4007	5.60	4007
CAPITAL VIEW						600	3.57	600
CONWAY-HAMMING						259	4.78	259
DAVIS DITCH	634	7.10	634	6.99	6.05	634	7.38	634
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	1800
EUREKA #2	2625	14.67	2625	16.48	12.52	2625	13.82	2625
FARMERS UNION	8900	6.98	8900	6.04	5.96	8300	5.94	8300
GRAHAM-GILBERT						200	3.24	200
HAAS								
HART-DAVIS						750	5.73	867
ISLAND HIGH LINE						453	12.75	453
LEMP						945	14.72	945
LITTLE PIONEER	1286	10.53	1286	8.81	8.77	300	9.93	300
						1286	7.09	1286
LOWER CENTER POINT	880	11.47	880	16.15	14.43			
MACE-CATLIN						880	12.83	880
MACE-MACE						536	4.53	536
MAMMON						80	13.93	80
MCCONNEL ISLAND						168	6.92	468
						1600	6.77	1600
MCMAHUS & TEATER								
MEEVES #1						168	7.98	168
MEEVES #2						90	6.80	90
MIDDLETON IRRIG. ASSOC.	5182	5.89	5180	6.81	5.39			
MIDDLETON MILL	4400	5.02	4400	5.12	4.60	5180	5.62	5180
						4400	4.80	4400
MISCELLANEOUS	511	7.25	1428	6.74	3.53			
NEW DRY CREEK	3059	7.21	3059	6.61	6.24	957	6.38	2610
NEW UNION	688	6.96	688	7.30	7.50	3059	6.53	3059
NEW YORK CANAL (B. OF C.)	164734	5.23	164729	5.33	5.51	688	7.44	688
PARMA						164617	5.21	164617
						602	12.40	602

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

CHART NO.

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

967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973	1974	1975
	236	5.14	236	4.75	236	5.66	236	3.87	4.71	5.59	5.13	2.65
1.75	1068	7.53	1068	7.22	1068	8.65	1068	7.18	7.38	5.34	7.71	6.97
	763	5.92	763	8.24	763	7.92	763	8.41	8.01	8.34	8.47	7.82
5.37	200	2.23	200	16.05	200	20.50	200	24.83	22.30	25.21	20.90	21.82
	1828	5.71	1828	6.08	1828	5.77	1828	6.69	6.80	6.35	6.76	6.59
7.32	2729	7.01	2729	7.46	2729	6.40	2729	6.43	7.14	7.27	7.52	4.72
			517	.21	517	0	517	0	0	0	0	0
5.10	424	8.19	424	7.17	424	4.82	424	8.64	6.97	8.27	7.14	6.70
5.41	1057	4.21	1057	3.88	1057	3.54	1057	3.91	3.50	3.15	3.77	3.16
	3960	4.37	3960	4.81	3960	4.15	3960	3.90	4.13	4.18	3.93	4.32
1.65	802	11.89	802	14.04	802	13.78	802	15.09	16.01	12.91	21.46	12.31
6.06	4007	5.60	4007	6.16	4007	6.83	4007	6.51	6.69	6.50	5.98	5.71
	600	3.57	600	4.55	600	4.07	600	3.70	4.21	4.08	4.20	3.68
6.05	259	4.78	259	5.03	259	3.21	259	2.60	3.02	4.15	2.82	2.76
	634	7.38	634	6.50	634	6.37	634	5.93	6.27	5.65	5.85	4.29
6.93	(LISTED INDIVIDUALLY)											
4.21	1800	4.70	1800	5.87	1800	5.93	1800	5.69	5.22	6.05	5.78	5.37
2.52	2625	13.82	2625	11.89	2625	12.55	2625	12.78	15.04	14.45	13.94	12.20
5.96	8300	5.94	8300	6.34	8300	6.41	8300	6.78	6.52	6.51	6.82	7.22
	200	3.24	200	3.38	200	2.67	200	1.47	1.93	5.11	2.61	3.03
	750	5.73	867	3.84	867	4.68	867	4.71	4.79	5.72	4.93	5.29
	453	12.75	453	9.67	453	8.17	453	6.14	5.79	7.33	5.77	6.06
	945	14.72	945	16.92	945	16.77	945	13.73	14.20	15.14	16.44	14.49
	300	9.93	300	5.01	300	7.25	300	2.80	3.89	6.27	3.72	3.18
8.77	1286	7.09	1286	10.91	1286	12.86	1286	10.08	10.43	10.10	11.07	7.72
14.43	880	12.83	880	9.86	880	10.99	880	10.65	12.09	12.08	14.96	12.99
	536	4.53	536	4.49	536	5.23	536	4.82	5.20	6.85	4.76	4.18
	80	13.93	80	10.18	80	9.48	80	4.65	4.05	8.95	4.87	5.43
	168	6.92	468	2.96	468	3.64	468	4.32	3.85	3.57	3.47	3.57
	1600	6.77	1600	8.06	1600	9.56	1600	8.24	8.08	6.06	10.90	7.86
	168	7.98	168	9.31	168	6.88	168	6.62	8.48	9.31	10.55	7.40
	90	6.80	90	7.67	90	9.40	73	7.81	10.14	9.10	10.49	8.58
5.39							26	9.62	9.69	1.85	6.07	5.62
4.60	5180	5.62	5180	5.99	5180	6.35	5180	5.98	6.09	5.79	5.91	5.79
	4400	4.80	4400	5.11	4400	5.41	4400	5.10	5.19	4.94	5.04	4.94
3.53	957	6.38	8610	3.82	763	3.12	763	3.47	29.10	3.55	3.43	4.43
6.24	3059	6.53	3059	7.11	3059	6.25	3059	6.44	5.67	5.83	6.37	5.40
7.50	688	7.44	688	5.85	688	5.82	688	6.50	6.19	6.86	6.81	6.13
5.51	164617	5.21	164617	5.65	164617	5.98	164617	5.76	5.28	5.17	5.70	5.34
	602	12.40	602	11.60	602	14.42	602	13.96	14.00	12.71	10.61	9.44

PER ACRE DIVERTED BY BOISE VALLEY CANALS

CHART NO. 8

IRRIGATION SEASON FROM 1965
E TAKEN FROM CHART NO. 9)

	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973	1974	1975
4	236	4.75	236	5.66	236	3.87	4.71	5.59	5.13	2.65
3	1068	7.22	1068	8.65	1068	7.18	7.38	5.34	7.71	6.97
2	763	8.24	763	7.92	763	8.41	8.01	8.34	8.47	7.82
3	200	16.05	200	20.50	200	24.83	22.30	25.21	20.90	21.82
11	1828	6.08	1828	5.77	1828	6.69	6.80	6.35	6.76	6.59
11	2729	7.46	2729	6.40	2729	6.43	7.14	7.27	7.52	4.72
19	517	.21	517	0	517	0	0	0	0	0
21	424	7.17	424	4.82	424	8.64	6.97	8.27	7.14	6.70
37	1057	3.88	1057	3.54	1057	3.91	3.50	3.15	3.77	3.16
37	3960	4.81	3960	4.15	3960	3.90	4.13	4.18	3.93	4.32
89	802	14.04	802	13.78	802	15.09	16.01	12.91	21.46	12.31
60	4007	6.16	4007	6.83	4007	6.51	6.69	6.50	5.98	5.71
57	600	4.55	600	4.07	600	3.70	4.21	4.08	4.20	3.68
78	259	5.03	259	3.21	259	2.60	3.02	4.15	2.82	2.76
38	634	6.50	634	6.37	634	5.93	6.27	5.65	5.85	4.29
ALLY)										
70	1800	5.87	1800	5.93	1800	5.69	5.22	6.05	5.78	5.37
82	2625	11.83	2625	12.55	2625	12.78	15.04	14.45	13.94	12.20
94	8300	6.34	8300	6.41	8300	6.78	6.52	6.51	6.82	7.22
24	200	3.38	200	2.67	200	1.47	1.93	5.11	2.61	3.03
73	867	3.84	867	4.68	867	4.71	4.79	5.72	4.93	5.29
75	453	9.67	453	8.17	453	6.14	5.79	7.33	5.77	6.06
72	945	16.92	945	16.77	945	13.73	14.20	15.14	16.44	14.49
93	300	5.01	300	7.25	300	2.80	3.89	6.27	3.72	3.18
09	1286	10.91	1286	12.86	1286	10.08	10.43	10.10	11.07	7.72
83	880	9.86	880	10.99	880	10.65	12.09	12.08	14.96	12.99
53	536	4.49	536	5.23	536	4.82	5.20	6.85	4.76	4.18
93	80	10.18	80	9.48	80	4.65	4.05	8.95	4.87	5.43
98	468	2.96	468	3.64	468	4.32	3.85	3.57	3.47	3.57
77	1600	8.06	1600	9.56	1600	8.24	8.08	6.06	10.90	7.86
98	168	9.31	168	6.88	168	6.62	8.48	9.31	10.55	7.40
80	90	7.67	90	9.40	73	7.81	10.14	9.10	10.49	8.58
62	5180	5.99	5180	6.35	5180	5.98	9.69	1.85	6.07	5.62
80	4400	5.11	4400	5.41	4400	5.10	6.09	5.79	5.91	5.79
38	8610	3.82	763	3.12	763	3.47	5.19	4.94	5.04	4.94
33	3059	7.11	3059	6.25	3059	6.44	29.10	3.55	3.43	4.43
44	688	5.85	688	5.82	688	6.50	5.67	5.83	6.37	5.40
21	164617	5.65	164617	5.38	164617	5.76	6.19	6.86	6.81	6.13
40	602	11.60	602	14.42	602	13.96	5.28	5.17	5.70	5.34
							14.00	12.71	10.61	9.44

TABLE SHOWING ACRE FEET PER ACRE DIVI

FOR EACH IRRIGATION SEAS
(ACREAGE TAKEN FROM CH

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED
PENITENTIARY	321	7.79	433	6.02	4.51	321	6.59	321
PHYLLIS	24362	5.53	24362	5.83	5.13	24362	4.35	24362
PIONEER DIXIE	2030	10.42	2030	11.52	11.92	2030	12.20	3000
RIDENBAUGH	26747	6.65	26877	6.34	6.48	26877	6.30	26877
RIVERSIDE	10645	4.83	10645	5.18	5.36	10645	5.10	10645
ROEDEL								
ROSSI MILL	500	6.94	500	6.48	6.46	160	11.13	160
SERREE (FARMERS CO-OP)	15500	6.23	15500	7.93	6.82	500	6.16	500
SETTLERS	12282	4.14	12282	4.67	4.27	15500	6.53	15500
SEVEN SUCKERS						12282	4.19	12282
						70	19.00	70
SIEBENBERG	646	6.07	646	8.53	6.63	646	5.78	646
THURMAN MILL	1799	5.78	1799	5.67	5.84	1799	5.67	1799
UPPER CENTER POINT	641	9.05	641	10.63	8.22	641	8.61	641
WARM SPRINGS DITCH						494	5.18	494
TOTALS	307955	5.69	308604	5.88	5.79	314578	5.58	318135

* FRANKLIN DITCH COMPANY AND MASON CREEK DITCH COMPANY LANDS ONLY. THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE IS IRRIGATED 1947 THRU 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)

CHART

1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973	1974	1975
4.51	321	6.59	321	6.26	321	7.30	321	8.69	7.49	10.14	9.36	8.91
5.13	24362	4.35	24362	5.44	24362	5.26	24362	5.26	5.43	4.94	5.11	4.91
11.92	2030	12.20	3000	7.87	3000	7.90	3000	7.60	7.95	10.12	9.79	8.78
6.48	26877	6.30	26877	6.59	26877	6.53	26877	6.58	6.77	6.54	6.51	6.08
5.36	10645	5.10	10645	4.82	10645	4.09	10645	5.43	6.54	5.70	5.55	4.95
	160	11.13	160	3.81	160	3.80	160	5.00	1.95	.55	0	0
6.46	500	6.16	500	6.96	500	6.42	500	6.86	6.68	6.49	6.65	6.38
6.82	15500	6.53	15500	6.07	15500	5.92	15500	6.15	6.22	6.36	6.38	5.71
4.27	12282	4.19	12282	4.23	12282	4.51	12282	4.59	4.38	4.22	4.48	3.91
	70	19.00	70	11.26	70	9.49	70	10.89	8.60	6.71	6.00	8.17
6.63	646	5.78	646	6.78	646	7.36	646	5.12	6.10	5.76	6.93	5.34
5.84	1799	5.67	1799	6.43	1799	5.06	1799	5.36	5.90	5.74	4.73	4.92
8.22	641	8.61	641	8.09	641	8.30	641	7.95	9.57	10.83	10.65	10.56
	494	5.18	494	4.28	494	3.09	494	3.92	3.36	3.87	3.34	4.92
5.79	314578	5.58	318135	5.88	316288	5.72	316297	5.95	5.79	5.66	6.00	5.55

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

ABOUT 35% LOSS.

FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

ACH IRRIGATION SEASON FROM 1965
REAGE TAKEN FROM CHART NO. 9)

CHART NO. 8

1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973	1974	1975
6.59	321	6.26	321	7.30	321	8.69	7.49	10.14	9.36	8.98
4.35	24362	5.44	24362	5.26	24362	5.26	5.43	4.94	5.11	4.91
12.20	3000	7.87	3000	7.90	3000	7.60	7.95	10.12	9.79	8.78
6.30	26877	6.59	26877	6.53	26877	6.58	6.77	6.54	6.51	6.08
5.10	10645	4.82	10645	4.09	10645	5.43	6.54	5.70	5.55	4.95
11.13	160	3.81	160	3.80	160	5.00	1.95	.55	0	0
6.16	500	6.96	500	6.42	500	6.86	6.68	6.49	6.65	6.38
6.53	15500	6.07	15500	5.92	15500	6.15	6.22	6.36	6.38	5.71
4.19	12282	4.23	12282	4.51	12282	4.59	4.38	4.22	4.48	3.91
19.00	70	11.26	70	9.49	70	10.89	8.60	6.71	6.00	8.17
5.78	646	6.78	646	7.36	646	5.12	6.10	5.76	6.93	5.34
5.67	1799	6.43	1799	5.06	1799	5.36	5.90	5.74	4.73	4.92
8.61	641	8.09	641	8.30	641	7.95	9.57	10.83	10.65	10.56
5.18	494	4.28	494	3.09	494	3.92	3.36	3.87	3.34	4.92
5.58	318135	5.88	316288	5.72	316297	5.95	5.79	5.66	6.00	5.55

WELL HIGH LINE IS IRRIGATED WITH WATER DIVERTED FROM MASON DRAIN AND FIVE MILE CREEK.

TABLE SHOWING ACRES FEET PER ACRE DIVERTED BY BOYCE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1945
(ACCREAGE TAKEN FROM CHART NO. 3)

WIDE FLEET PER AGE CHARTED BY BOYD WILLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1963
[ACROSSING] TAKEN FROM CHART NO. 50

CHART NO. 5

TABLE SHOWING ACRE FEET PER ACRE DIVE

FOR EACH IRRIGATION SEASON
(ACREAGE TAKEN FROM CH

NAME OF CANAL	ACRES IRRIGATED	1976
PENITENTIARY	321	8.99
PHYLLIS (PIONEER IRR. DIST)	23,974	5.60
PIONEER DIXIE	3000	9.46
RIDENBAUGH	26,877	5.76
RIVERSIDE	10,645	5.33
ROEDEL	160	.00
ROSSI MILL	500	5.69
SEBREE (FARMERS CO-OP)	15,500	5.70
SETTLERS	12,322	3.91
SEVEN SUCKERS	70	7.83
SIEBENBERG	646	5.76
THURMAN MILL	1719	5.21
UPPER CENTER POINT	641	10.10
WARM SPRINGS DITCH	494	3.51
TOTALS	316,282	5.60

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

1947 THRU 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)

BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE IS IRRIGATED WITH WATER DIVERTED FROM SEVERAL DRAINS.

AND ALLOW ABOUT 35% LOSS.

D BY BOISE VALLEY CANALS

FROM 1965

T NO. 9)

CHART NO. 8

IS IRRIGATED WITH WATER DIVERTED FROM SEVERAL DRAINS.

AIKEN.....	236 ACRES	LITTLE PIONEER.....	1336 ACRES
ANDREWS.....	1068 "	LOWER CENTER POINT.....	880 "
BALLENTYNE.....	763 "	MACE & CATLIN.....	536 "
BAXTER.....	200 "	MACE & MACE.....	80 "
BOISE CITY.....	1828 "	MANMON.....	468 "
<u>BOISE PROJECT BOARD OF CONTROL</u>		MCCONNEL ISLAND.....	1600 "
BIG BEND IRRIG. DIST.....	1724 "	MCMAHUS & TEATER.....	168 "
BOISE-KUNA IRRIG. DIST.....	48629 "	MEEVES #1.....	73 "
NAMPA & MERIDIAN IRRIG. DIST..	40304 "	MEEVES #2.....	26 "
NEW YORK IRRIG. DIST.....	17728 "	MIDDLETON MILL.....	4400 "
WILDER IRRIG. DIST.....	56535 "	MIDDLETON WATER.....	5180 "
TOTAL - BOARD OF CONTROL...	164,920 "	MISCELLANEOUS.....	801 "
BOISE VALLEY.....	2729 "	NEW DRY CREEK.....	3059 "
BOONE.....	517 "	NEW UNION.....	688 "
BOWMAN-SHISHER.....	424 "	PARMA DITCH.....	602 "
BUBBS (SOUTH BOISE MUTUAL).....	1057 "	PENITENTIARY.....	321 "
*CALDWELL HIGH LINE.....	11917 "	PIONEER IRRIG. DIST.....	23974 "
CAMPBELL (CANYON DITCH).....	802 "	PIONEER DIXIE.....	3000 "
CANYON COUNTY.....	3957 "	RIDENBAUGH.....	26877 "
CAPITAL VIEW.....	600 "	RIVERSIDE IRRIGATION DIST.....	10645 "
CONWAY-HAMMING.....	259 "	ROEDEL.....	160 "
DAVIS & LITTLE DAVIS.....	634 "	ROSSI MILL.....	500 "
EUREKA WATER CO. #1.....	1800 "	SEBREE.....	15500 "
EUREKA DITCH CO. #2.....	2625 "	SEVEN SUCKERS.....	70 "
FARMERS UNION.....	8372 "	SETTLERS.....	12322 "
GRAHAM-GILBERT.....	200 "	SIEBENBERG.....	646 "
HAAS.....	867 "	THURMAN MILL.....	1719 "
HART-DAVIS.....	453 "	UPPER CENTER POINT.....	641 "
ISLAND HIGH LINE.....	945 "	WARM SPRINGS DITCH.....	494 "
LEMP DITCH.....	300 "	TOTAL.....	324,239 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..... 332,528 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 SEVERAL DRAINS.

BOISE RIVER STORAGE ACCOUNTS - 1976 - IN ACRES

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	USED JUNE	BALANCE	USED JULY	BALANCE	USED AUGUST	BALANCE
BALLENTYNE		376	1144	1520		1520	74	1446	220	1226
BOISE CITY			880	880		880	90	790	356	434
BOISE VALLEY		961	2200	3161		3161	140	3021	266	2755
BUBB (SOUTH BOISE MUTUAL)		543	440	983		983	12	971	18	953
CANYON COUNTY			5280	5280		5280	198	5082	440	4642
CAPITAL VIEW		460	264	724		724	52	672	62	610
DAVIS			1320	1320		1320		1320		1320
EAGLE ISLAND CANALS			6733	6733		6733	60	6673	114	6559
EUREKA #1			2464	2464		2464		2464		2464
FARMERS UNION	2874	5727	8801	17402		17402	1542	15860	2422	13438
LITTLE PIONEER		2174	440	2614	14	2600	438	2162	358	1804
MIDDLETON IRRIGATION			5615	5615	10	5605	302	5303	135	5168
MIDDLETON MILL			4066	4066	14	4052	418	3634	187	3447
NEW DRY CREEK		1296	2640	3936		3936	192	3744	294	3450
NEW UNION			1232	1232		1232	30	1202	6	1196
NEW YORK	*254127	*359662		613789	13646	600143	134614	465529	143576	321953
PHYLLIS	21018	25582	14081	60681		60681	11722	48959	11532	37427
RIDENBAUGH	3832	15137	30803	49772		49772	2578	47194	7272	39922
ROSSI MILL			616	616		616		616	14	602
SEBREE	1227			1227		1227		1227		1227
SETTLERS	**2878	**6082	8801	17761		17761	914	16847	1432	15415
THURMAN MILL			704	704		704	10	694	12	682
BOISE CASCADE	100			100		100	30	70	30	40
KROGER DITCH	134			134		134	42	92	42	50
LUCKY PEAK NURSERY	200			200		200	28	172	28	144
MEEVES #2	27			27		27	8	19	8	11
PECORA DITCH	8			8		8	2	6	2	4
PRODUCERS LUMBER	175			175		175	30	145	30	115
STATE OF IDAHO FISH & GAME			44004	44004		44004		44004		44004
ANDERSON DAM POWER		5200		5200		5200		5200		5200
UNCONTRACTED LUCKY PEAK SPACE			102,309	102,309		102,309		102,309		102,309
TOTALS	286,600	423,200	244,837	954,637	13,684	940,953	153,526	787,427	168,856	618,571

- * LESS 1100 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS. INCREASED BY 22357 ACRE FEET OF HILLCREST S.
- ** LESS 272 ACRE FEET OF ANDERSON STORAGE TRANSFERRED TO IRRIGATE GOVERNMENT LANDS.
- *** INCREASE SETTLERS ARROWROCK STORAGE BY 1100 ACRE FEET TO IRRIGATE GOVERNMENT LANDS. INCREASE SETTLERS ANDERSON STORAGE 272 ACRE FEET TO IRR.
- STATE OF IDAHO FISH AND GAME DEPARTMENT STORAGE TO BE RUN DURING WINTER MONTHS.
- A PORTION OF THE UNCONTRACTED LUCKY PEAK STORAGE TO BE DISCHARGED DURING THE WINTER MONTHS BY ORDER OF THE BUREAU OF RECLAMATION.

BOISE RIVER STORAGE ACCOUNTS - 1976 - IN ACRE FEET

SED LINE	BALANCE	USED JULY	BALANCE	USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL 1976 STORAGE USED	ANDERSON CARRYOVER
	1520	74	1446	220	1226	40	1186		1186	334	42
	880	90	790	356	434	186	248		248	632	
	3161	140	3021	266	2755	302	2453		2453	708	253
	983	12	971	18	953	12	941		941	42	501
	5280	198	5082	440	4642	372	4270		4270	1010	
	724	52	672	62	610						
	1320		1320		1320	24	586		586	138	322
	6733	60	6673	114	6559	116	6443		6443	0	
	2464		2464		2464		2464		2464	290	
	17402	1542	15860	2422	13438	2064	11374		11374	0	
14	2600	438	2162	358	1804	140	1664		1664	6028	2573
10	5605	302	5303	135	5168	105	5063		5063	950	1224
14	4052	418	3634	187	3447	145	3302		3302	552	
	3936	192	3744	294	3450	466	2984		2984	764	
	1232	30	1202	6	1196		1196		1196	952	344
										36	
3646	600143	134614	465529	143576	321953	103568	218385	39292	179093	434696	179093
	60681	11722	48959	11532	37427	3928	33499		33499	27182	19418
	49772	2578	47194	7272	39922	4134	35788		35788	13984	4985
	616		616	14	602		602		602	14	
	1227		1227		1227		1227		1227	0	
	17761	914	16847	1432	15415	1234	14181		14181	3580	5380
	704	10	694	12	682		682		682	22	
	100	30	70	30	40	30	10	10	0	100	
	134	42	92	42	50	42	8	8	0	134	
	200	28	172	28	144	4	140		140	60	
	27	8	19	8	11	8	3	2	1	26	
	8	2	6	2	4	2	2	2		8	
	175	30	145	30	115	14	101		101	74	
	44004		44004		44004		44004	3520	40484	3520	
	5200		5200		5200		5200		5200	0	5200
	102,309		102,309		102,309		102,309	4480	97829	4480	
3,684	940,959	153,526	787,427	168,856	618,571	116,936	501,635	47,314	454,321	500,316	219,335

TE GOVERNMENT LANDS. INCREASED BY 22357 ACRE FEET OF HILLCREST STORAGE.
LANDS.

NT LANDS. INCREASE SETTLERS ANDERSON STORAGE 272 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.

FTER MONTHS BY ORDER OF THE BUREAU OF RECLAMATION.

RE FEET

CHART NO. 10

	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL 1976 STORAGE USED	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER	ARROWROCK BALANCE NO CARRYOVER
96	40	1186		1186				
94	186	248		248	334	42	1144	
95	302	2453		2453	632		248	
93	12	941		941	708	253	2200	
92	372	4270		4270	42	501	440	
					1010		4270	
10	24	586		586	138	322	264	
20		1320		1320	0		1320	
99	116	6443		6443	290		6443	
64		2464		2464	0		2464	
38	2064	11374		11374	6028	2573	8801	
104	140	1664		1664	950	1224	440	
68	105	5063		5063	552		5063	
47	145	3302		3302	764		3302	
150	466	2984		2984	952	344	2640	
196		1196		1196	36		1196	
953	103568	218385	39292	179093	434696	179093		
427	3928	33499		33499	27182	19418	14081	
922	4134	35788		35788	13984	4985	30803	
602		602		602	14		602	
227		1227		1227	0			1227
415	1234	14181		14181	3580	5380	8801	
682		682		682	22		682	
40	30	10	10	0	100			
50	42	8	8	0	134			
144	4	140		140	60			140
11	8	3	2	1	26			1
4	2	2	2		8			
115	14	101		101	74			101
4004		44004	3520	40484	3520		40484	
5200		5200		5200	0	5200		
1,309		102,309	4480	97829	4480		97829	
3,571	116,936	501,635	47,314	454,321	500,316	219,335	233,517	1469

HILLCREST STORAGE.

FEET TO IRRIGATE GOVERNMENT LANDS.

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	15,137	3.62
RIDENBAUGH	25,582	6.12
PIONEER IRRIGATION DISTRICT	5,727	1.37
FARMERS UNION DITCH CO.	1,296	.31
NEW DRY CREEK DITCH CO.	5,810	1.39
SETTLERS IRRIGATION DISTRICT	961	.23
BOISE VALLEY IRRIGATION DITCH CO.	543	.13
SOUTH BOISE MUTUAL IRRIGATION CO.	376	.09
BALLENTYNE DITCH CO.	460	.11
CAPITOL VIEW IRRIGATION DISTRICT	2,174	.52
PIONEER DITCH COMPANY		100.00
TOTAL	418,000	
POWER	5,200	

359,934

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BALLENTYNE	1,300	.467
BOISE CITY	1,000	.360
BOISE VALLEY	2,500	.899
BURR (SOUTH BOISE MUTUAL)	500	.180
CANYON COUNTY	6,000	2.157
CAPITAL VIEW IRRIG. DIST.	300	.108
DAVIS DITCH (VILLAGE OF GARDEN CITY)	1,500	.539
EAGLE ISLAND WATER CO.	7,650	2.750
EUREKA WATER CO. #1	2,800	1.006
FARMERS UNION	10,000	3.595
LITTLE PIONEER	500	.180
MIDDLETON IRRIG. ASSN.	6,380	2.293
MIDDLETON MILL	4,620	1.661
NEW DRY CREEK	3,000	1.078
NEW UNION	1,400	.503
PHYLLIS (PIONEER IRRIG. DIST.)	16,000	5.751
RIDENBAUGH	35,000	12.580
ROSSI MILL (SOUTH BOISE WATER)	700	.252
SETTLERS	10,000	3.595
THURMAN MILL	800	.288
IDAHO FISH & GAME	50,000	17.972
UNCONTRACTED SPACE	116,250	41.786
TOTAL	278,200	100.0

Prepared by: Bob Sutter
Idaho Department
of Water Resources

IRRIGATION RETURN FLOWS OF THE BOISE VALLEY

Return flows from irrigation diversions are a significant factor in the operation and character of the Boise River. During the irrigation season, groundwater levels rise and the flows in surface drains begin to increase. This flow along with direct surface return and canal spills is then either rediverted by other canals or directly discharged into the Boise River. The Boise River itself acts as a drain in intercepting groundwater and surface return flows. The combined surface and intermediate ground return flow is a significant amount throughout the entire year.

SURFACE DRAINS

About eleven principal drain systems discharge to Boise River between Lucky Peak Reservoir and the mouth of Boise River. In downstream order these systems are: Drainage District #3, Thurman Drain, Eagle Drain, Five Mile Creek, North and South Middleton Drain, Willow Creek, Mason Creek and Drain, Hartley Drain and Gulch, Indian Creek, Conway Gulch, and Dixie Slough. Most of these follow the natural drainage to the river and in the past were tributaries that contained flow only sporadically following rainstorms or rapid snowmelt.

The Boise Valley below Boise is crossed by many surface drains which do not discharge directly to Boise River. These drains are either tributary to other drains or are intercepted by canals which pick up flow for rediversion. In the lower end of the Boise Valley, some drains discharge directly to the Snake River. One of the largest of these is Sand Run Gulch which discharges as much as 75 cfs during the non-irrigation season.

Following is a short description of some of the major surface drain systems in Boise Valley. In many cases these systems are made up of a complex network of tributary drains which is constantly changing because of new construction or relocation.

Drainage District #3: Return flows from three small drains are included in this system. These are the Booth, Myers, and Ridenbaugh drains. They enter the Boise River from the south within the city of Boise, and collect return flows from land irrigated in the immediate vicinity of Boise. The combined discharge of these drains varies from 15 cfs in the summer to almost no flow in the winter.

Thurman Drain: This drain is located below the Settlers Canal on the south side of the river and discharges into the South Channel of Boise River near Eagle Island. It collects return flows from the Settlers Canal and includes return flows from the end of the Thurman Mill Canal. Discharge ranges from 25 cfs in the summer to less than 15 cfs in the winter.

Eagle Drain: Eagle Drain enters Boise River on the North Channel of Eagle Island at the town of Eagle. It drains the area below the Farmers Union and Dry Creek Canals from Boise to Eagle. Discharge ranges from 60 cfs in the summer to 15 cfs in the winter.

Five Mile Creek: Sometimes called Fifteenmile Creek, Five Mile Creek enters Boise River from the south near Middleton and acts as a drain for the area below the Boise Project Main Canal and between the City of Boise and Mason Creek Drain. It receives return flows and spills from the Main, Ridenbaugh, and Phyllis Canals. Five Mile Creek is a major source of irrigation water for the Caldwell Highline Canal, the last of a series of major canals which cross this drain. Just prior to entering the river, a diversion of about 17 cfs is made by a small canal. Discharge to the river varies from 140 cfs in the summer to less than 40 cfs in the winter. However, because of the great reuse of water from the drain, flows are quite variable.

Mason Creek: Mason Creek drains land served by the same canals as Five Mile Creek and also provides irrigation water to the Caldwell Highline Canal. Between the Boise Project Main Canal and the Ridenbaugh Canal, Mason Creek acts as a lateral from the former canal and empties into the latter. It begins to function as a drain below the Ridenbaugh Canal. Near the river, Mason Creek branches into two channels which reach the river at approximately the same location near Caldwell. These channels are called Mason Creek and Mason Drain. The combined discharge of the two channels varies from 200 cfs in the summer to 60 cfs in the winter.

Indian Creek: Indian Creek and two tributary drains, the Wilson and Elijah, drain the area below the Ridenbaugh Canal between Mason Creek and Lake Lowell. Similar to Mason Creek, Indian Creek begins to act as a drain below the Ridenbaugh Canal. Above that point Indian Creek functions as a portion of the Boise Project Main Canal and all return flows or surface runoff is diverted to Lake Lowell via the Main Canal.

There are many artesian wells and springs which discharge to Indian Creek in the vicinity of Nampa. Indian Creek discharges to Boise River below Caldwell, but during the irrigation season much of the flow is diverted before it reaches Boise River. The largest diversions from the system are the Notus Canal which diverts flow from the Wilson and Elijah Drains to the north side of Boise River, and the Riverside Canal which diverts flow from Indian Creek below Caldwell. Discharge to Boise River is highly variable, ranging from 250 cfs at the end of the irrigation season to less than 100 cfs when canals are diverting water from the creek.

North and South Middleton: The two forks of the Middleton Drain drain the area below the Middleton Canal between Eagle and Middleton. The drain discharges to Boise River at Middleton. Discharge varies from 200 cfs in the summer to 50 cfs in the winter.

Willow Creek: Willow Creek also discharges to Boise River at Middleton. It collects return flows from the area irrigated by the lower end of the Middleton Canal and by the last few miles of the "C" Line East

Canal of the Payette Division of the Boise Project, which diverts water from the Payette River to Boise Valley. Discharge in Willow Creek varies from 50 cfs in the spring to almost no flow in the winter.

Hartley Drain and Gulch: The two forks of this drain enter the Boise River above Caldwell. It drains the area receiving water from the lower end of the Middleton and Canyon County canals. It also drains a large portion of the Black Canyon Irrigation District that obtains water from the "C" Line East Canal between Willow Creek and Conway Gulch. Discharge ranges from 100 cfs in the summer to less than 25 cfs in the winter.

Conway Gulch: Conway Gulch drains the area irrigated by the "C" Line East, "C" Line West, and Notus Canals between Hartley Gulch and Sand Run Gulch. These canals irrigate land in the Payette Division of the Boise Project, Conway Gulch discharges to Boise River at Notus. Discharge varies from 60 cfs in the summer to 200 cfs in the winter.

Sand Run Gulch: The last major drain north of Boise River before it reaches Snake River is Sand Run Gulch which parallels Boise River for more than ten miles before the drain discharges to Snake River. Return flows from the area irrigated by the Boise Project "D" Line Canal and the Sebree Canal contribute flow to this drain. A November flow of 75 cfs has been observed near the end of the drain.

Dixie Slough: The Dixie Slough is the last major drain on the south side of Boise River which discharges directly to the river. The drain collects return flows from the irrigated area below the Riverside Canal from Caldwell to a point about five miles below Notus. Flows range from 275 cfs in the summer to less than 100 cfs in the winter. The discharge of this drain is highly variable during the irrigation season because of variations in reuse of the drain water.

Ross East End Drain: Return flows from land irrigated south of the river by the lower end of the Riverside Canal are collected by the Ross East End Drain. This drain eventually discharges to Snake River. A November discharge of 12 cfs has been observed near the end of the drain.

After irrigation diversions begin in April, the flow in surface drains increases until a somewhat steady rate is reached, and this flow is maintained throughout the irrigation season. When diversions for irrigation are completed in October, the drain system return flows gradually decrease throughout the winter as groundwater levels decline. In late March the drains are found to have the lowest discharge of the year. Local storms often cause the drains to discharge at unusually high rates for short periods of time.

All of the principal drains enter the Boise River below the streamgauge at Boise; only two of the drains enter below Notus. The largest drains are concentrated in the reach of the river between the cities of Middleton and Caldwell. When the natural flow of the river becomes too small to satisfy all diversions and many canals begin to use storage water, canals below Middleton usually obtain all of their water from surface and seepage return flows to the river. Only in very dry years when drains are discharging

less than normal do these canals need additional water from storage. Even during years of extremely low runoff, canals on the lower end of the river below Notus do not require storage water.

Discharge Measurements

Measurements of discharges of all the major drains which discharge to Boise River are reported by the Boise River Watermaster for the irrigation season only, April 15 to October 15. Daily values are estimated by interpolating between weekly measurements. The length of historic record varies with each drain, and locations of measurements have changed throughout the period. The Boise River Watermaster has measured all drains three times during the non-irrigation season, in November 1971, February 1972, and March 1973.

Distribution and Composition of Total Gain

Very little return flow enters the Boise River above Boise. In this reach there are no major surface drains. The total gain to the river from Lucky Peak to Boise is negative throughout most of the year. From Boise to Notus, the total gain to the river can be calculated by adding the recorded diversions to the gage difference. The total gain includes all surface return flows and groundwater gains or losses. Because natural runoff is very small in this reach, the total gain is a good representation of total return flow to the river. The table on the following page lists the Boise - Notus total gain by month in thousands of acre-feet for the years 1959-72.

The total gain to Boise River follows the same pattern as individual surface drains. The lowest gain is in March just prior to the irrigation season. The total gain from the Boise River at Boise to the Boise River at Notus gaging stations is approximately 500 cfs. By May the gain usually increases to 1000 to 1500 cfs. The gain remains at this level through September and gradually decreases throughout the non-irrigation season.

In a given year, the magnitude of the total return to the river varies with the available water supply. In the low runoff year of 1961, the Boise to Notus return averaged under 1000 cfs during the irrigation season; in the same period of the high runoff year of 1965, this gain averaged over 1500 cfs. This relationship can be explained by the fact that less efficient use is made of the available water when the supply is abundant. When the supply is low, gross diversions are less and more of the surface return is reused. The drain discharges become highly variable during periods of greater water reuse.

An estimate of the distribution of the gain by reach from Boise to Notus was found by calculating the net gain above Eagle Island, near Star below the Caldwell Highline Canal, and at Caldwell Bridge, based on miscellaneous measurements at these locations. It was found that the ratio of the gain in these reaches to the total gain does not vary greatly throughout the year. The following ratios were calculated for the four reaches: Boise to above Eagle Island - 0.06; above Eagle Island to near Star - 0.13; near Star to Caldwell Bridge - 0.39; Caldwell Bridge to Notus - 0.42.

TOTAL GAIN TO BOISE RIVER BETWEEN BOISE AND NOTUS (1000 AC-FT)

W-YR	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	TOTAL
59	65.2	42.3	37.3	32.0	27.1	25.6	41.2	94.6	72.0	73.4	94.5	82.6	687.8
60	61.1	38.2	34.1	34.3	36.0	33.9	31.4	109.0	84.3	82.1	90.8	81.3	716.5
61	63.0	43.2	38.3	32.6	28.5	28.1	26.1	66.9	63.3	56.7	52.8	63.1	562.6
62	49.7	36.6	33.3	30.4	32.8	29.8	31.1	79.8	55.5	72.5	75.3	79.8	606.6
63	70.6	41.2	36.8	31.3	40.9	28.8	29.8	58.4	88.0	70.0	75.1	83.4	654.3
64	63.4	45.8	39.9	42.5	38.3	42.0	40.5	64.6	88.9	75.9	88.3	88.5	718.6
65	62.3	42.1	46.4	42.1	30.6	36.0	69.7	92.4	101.6	91.1	96.2	82.4	792.9
66	68.7	44.0	37.5	32.8	26.7	24.7	64.5	83.9	87.9	69.8	68.9	68.7	678.1
67	56.1	41.1	38.6	34.5	29.9	25.8	40.6	63.5	78.6	76.9	76.0	81.5	643.1
68	66.3	40.9	37.2	34.8	30.5	26.3	22.1	65.1	67.3	66.9	81.3	61.1	599.8
69	61.5	42.3	39.3	49.5	33.0	42.3	52.1	89.3	89.4	74.2	76.1	75.0	724.0
70	66.7	43.4	40.4	52.7	36.9	37.4	51.3	93.4	89.8	93.0	85.3	97.1	787.4
71	65.7	46.2	42.7	56.9	41.3	56.8	71.5	123.6	124.9	95.6	84.1	87.0	896.3
72	70.8	45.6	44.2	48.6	77.2	71.8	63.7	91.6	93.1	85.1	96.6	94.7	883.0
AVG.	63.6	42.3	39.0	39.6	36.4	36.4	45.4	84.0	84.6	77.4	81.5	80.4	710.8

It is significant to note that over 80 percent of the return is below Star.

Of the total gain from Boise to Notus, the major source is from surface drains. Based on 1959-72 measurements taken by the Boise River Watermaster, 60 to 65 percent of the gain is contributed by the eleven major surface drains during their peak discharge, from April through October. From miscellaneous measurements taken in the non-irrigation season on days that did not follow excessive precipitation, it was found that these same drains accounted for about 75 percent of the total Boise to Notus gain. This increase is logical since diversions from surface drains are generally not made after October 15. The remainder of the gain, or the unidentified gain, originates from very small surface drains which flow during the irrigation season and from groundwater seepage directly to the river channel.

The total gain from Notus to Parma varies in much the same manner as the upper portion of the river. Limited data indicates that the total gain approaches 500 cfs during the irrigation season and decreases to zero by the end of March. Two major surface drains, Dixie Drain and Conway Gulch, discharge into the river in this reach. These two drains comprise about 65% of the total gain from May through September when the gain is at its peak. No data exists on return to the river below Parma; however, there are no major surface drains that discharge into the river below that location.

Diversion - Return Flow Relationships

Because of extensive reuse of water for irrigation, it is very difficult to estimate the effect of any single diversion on the return flow to Boise River. The absence of any continuous record of flow in the river between Boise and Notus prohibits analysis of diversion-return flow relationships even by general areas. An estimate of the return from Boise to Parma can be made by comparing the total annual gain to the river to gross diversions. Diversion from the Boise River from Diversion Dam to Parma average about 1,850,000 acre-feet. By adding to this the average diversion into the Boise Valley from the Payette River, 250,000 acre-feet, the total annual surface diversion is about 2,100,000 acre-feet. The average annual (1959-72) gain from Boise to Parma is approximately 870,000 acre-feet. Therefore, the average return to the Boise above Parma appears to be in the range of 40 percent of the total surface water diversion. This does not include the entire return, some of which flows directly or indirectly to Snake River.

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND
FOR IRRIGATION SEASON OF 1976

NAME OF TRIBUTARY	APRIL																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BOISE SEWER	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
CONWAY GULCH																		
DIXIE DRAIN																		
DRAINAGE DISTRICT #3																		
EAGLE DRAIN																		
FISH HATCHERY WELLS																		
FIVE MILE DRAIN																		
HARTLEY DRAIN																		
HARTLEY GULCH																		
INDIAN CREEK																		
LONG FEEDER																		
NASON CREEK																		
NASON DRAIN																		
NORTH MIDDLETON DRAIN																		
SOUTH MIDDLETON DRAIN																		
STAR FEEDER																		
THURMAN DRAIN																		
WATTS CHECK																		
WILLOW CREEK																		
TOTALS	14	14	14	14	14	14	14	14	14	14	14	14	14	14	561	567	572	578

NAME OF TRIBUTARY	MAY																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BOISE SEWER	15	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16
CONWAY GULCH	38	40	42	42	43	43	43	43	43	42	42	41	41	45	45	47	50	52
DIXIE DRAIN	190	190	180	170	167	170	175	180	185	190	190	192	190	185	180	178	176	175
DRAINAGE DISTRICT #3	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5
EAGLE DRAIN	40	42	43	43	44	45	45	46	46	47	50	51	52	53	54	59	59	59
FISH HATCHERY WELLS	2	2	2	3	2	2	3	2	2	2	3	2	2	2	3	2	2	2
FIVE MILE DRAIN	100	105	110	114	120	120	130	140	150	154	154	150	145	140	135	133	132	132
HARTLEY DRAIN	28	28	28	27	30	31	32	35	40	45	47	50	55	58	59	60	60	60
HARTLEY GULCH	25	25	24	24	24	20	20	20	20	19	18	22	24	28	30	32	34	35
INDIAN CREEK	110	100	80	70	67	65	63	60	55	50	40	31	45	50	70	80	90	120
LONG FEEDER	14	15	15	15	15	15	15	15	15	13	13	13	14	14	16	18	19	19
NASON CREEK	19	20	21	22	22	26	26	27	27	28	28	28	28	28	28	27	27	28
NASON DRAIN	56	56	56	56	60	62	65	70	75	80	82	85	87	88	90	93	95	100
NORTH MIDDLETON DRAIN	40	37	34	33	35	40	45	50	55	60	61	61	61	60	60	60	59	60
SOUTH MIDDLETON DRAIN	60	65	70	70	75	75	80	85	90	95	95	100	101	105	106	110	111	112
STAR FEEDER	32	32	32	32	35	40	42	45	50	60	63	65	67	69	70	74	75	76
THURMAN DRAIN	11	11	11	12	12	13	13	14	14	14	15	16	18	20	21	22	23	24
WATTS CHECK	20	25	30	34	34	34	30	30	27	23	21	22	22	24	26	26	28	28
WILLOW CREEK	23	23	23	24	26	28	30	32	36	38	38	38	34	30	29	28	26	25
TOTALS	829	838	822	813	832	851	878	915	951	983	981	988	1005	1020	1040	1069	1085	1123

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FEET
FOR IRRIGATION SEASON OF 1976

APRIL

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	
							34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	
							112	112	112	112	112	112	112	112	125	130	135	150	170	190	190	
							5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
							30	30	30	30	30	29	29	28	28	28	27	27	30	33	38	
							3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	
							30	30	35	40	45	48	50	55	60	65	70	75	78	85	90	
							28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
								6	6	6	6	6	10	15	20	25	30	35	37	35	30	
							163	163	163	163	163	163	163	163	163	155	150	145	140	137	130	
							4	4	4	5	5	6	6	6	7	7	7	8	8	10	12	
							29	29	29	29	29	29	29	29	25	20	20	19	18	18	18	
							8	8	8	8	8	8	10	20	30	40	50	55	56	56	56	
							42	42	42	42	42	42	42	42	42	42	42	40	40	40	40	
							20	20	20	20	20	20	20	20	25	30	35	40	41	45	50	
							11	11	11	11	11	11	11	11	11	11	11	13	13	13	13	
															18	18	18	18	18	18	20	
							28	28	28	28	28	28	28	28	27	26	25	24	22	22	25	
14	14	14	14	14	14	14	561	567	572	578	583	586	594	613	665	681	704	733	754	785	791	792

MAY

15	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16		
43	43	43	42	42	41	41	45	45	47	50	52	52	52	56	59	60	65	65	65	65	65		
75	180	185	190	190	192	190	185	180	178	176	175	175	190	200	210	220	230	240	242	250	280		
6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6		
45	46	46	47	50	51	52	53	54	59	59	59	58	58	58	58	58	58	58	58	58	58		
3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	3	2	2	3	2	2	3		
30	140	150	154	154	150	145	140	135	133	132	132	138	140	145	150	151	152	152	170	190	202		
32	35	40	45	47	50	55	58	59	60	60	60	58	55	50	45	40	38	38	50	70	120		
20	20	20	19	18	22	24	28	30	32	34	34	33	32	30	30	29	29	28	29	30	31		
63	60	55	50	40	31	45	50	70	80	90	120	125	105	100	70	65	60	59	59	70	100		
15	15	15	15	13	13	13	14	14	16	18	19	19	19	19	19	19	20	20	20	20	18		
26	26	27	27	28	28	28	28	28	28	27	27	28	28	28	29	29	29	30	30	31	33		
65	70	75	80	82	85	87	88	90	93	95	98	100	105	110	112	114	116	116	120	125	140		
45	50	55	60	61	61	61	60	60	60	59	59	60	61	62	63	64	65	65	68	70	90		
80	85	90	95	95	100	101	105	106	110	111	112	110	110	109	109	108	108	107	110	111	116		
42	45	50	60	63	65	67	69	70	74	75	76	76	74	70	69	69	68	67	67	68	71		
13	14	14	14	15	16	18	20	21	22	23	24	24	25	25	26	26	29	29	29	27	29		
30	30	27	23	21	22	22	24	26	26	28	28	28	28	28	28	28	28	29	29	29	29		
30	32	36	38	38	38	34	30	29	28	26	25	25	26	27	28	29	29	30	32	34	40		
878	915	951	983	981	988	1005	1020	1040	1069	1085	1123	1132	1131	1135	1127	1131	1143	1157	1203	1271	1323	1381	1440

TO BOISE RIVER IN SECOND FEET
IN SEASON OF 1976

CHART NO. 12

1L

15	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	14	14	14	14	15	15		422
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34		544
112	112	112	112	112	112	112	112	125	130	135	150	170	190	190	190		2176
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		80
30	30	30	30	30	29	29	28	28	28	27	27	30	33	38	39		486
3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2		44
30	30	35	40	45	48	50	55	60	65	70	75	78	85	90	95		951
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28		448
6	6	6	6	6	6	10	15	20	25	30	35	37	35	30	25		292
163	163	163	163	163	163	163	163	163	155	150	145	140	137	130	120		2444
4	4	4	5	5	6	6	6	7	7	7	8	8	10	12	13		112
29	29	29	29	29	29	29	29	25	20	20	19	18	18	18	19		389
8	8	8	8	8	8	10	20	30	40	50	55	56	56	56	56		477
42	42	42	42	42	42	42	42	42	42	42	40	40	40	40	40		662
20	20	20	20	20	20	20	20	25	30	35	40	41	45	50	55		481
11	11	11	11	11	11	11	11	11	11	11	13	13	13	13	13		0
								18	18	18	18	18	18	18	20		186
28	28	28	28	28	28	28	28	27	26	25	24	22	22	22	23		146
																	415
4	561	567	572	578	583	586	594	613	665	681	704	733	754	785	791	792	10,755

MAY

6	15	16	15	16	15	16	15	16	15	16	15	16	15	15	15	15	15	478
15	45	47	50	52	52	52	52	56	59	60	65	65	65	65	65	60		1563
15	180	178	176	175	175	190	200	210	220	230	240	242	250	260	270	280	290	6320
5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6		176
53	54	59	59	59	58	58	58	58	58	58	58	58	58	58	58	58		1632
2	3	2	2	2	3	2	2	3	2	2	3	3	2	2	2	3		72
10	135	133	132	132	138	140	145	150	151	152	152	170	190	200	201	202	203	4558
58	59	60	60	60	58	55	50	45	40	38	38	50	70	80	100	120	121	1638
28	30	32	34	34	33	32	30	30	29	29	28	29	30	30	31	31	31	836
50	70	80	90	120	125	105	100	70	65	60	59	59	70	80	90	100	105	2334
14	14	16	18	19	19	19	19	19	19	20	20	20	20	20	19	18	20	521
28	28	28	27	27	28	28	28	29	29	29	30	30	31	31	32	33	34	850
88	90	93	95	98	100	105	110	112	114	116	116	120	125	130	135	140	145	2922
60	60	60	59	59	60	61	62	63	64	65	65	68	70	75	80	90	100	1833
05	106	110	111	112	110	110	109	109	108	108	107	110	111	112	115	116	118	3048
69	70	74	75	76	76	74	70	69	69	68	67	67	68	69	70	71	71	1868
20	21	22	23	24	24	25	25	26	26	29	29	29	27	25	25	23	22	619
24	26	26	28	28	28	28	28	28	28	28	29	29	29	29	29	29	29	855
30	29	28	26	25	25	26	27	28	29	29	30	32	34	36	38	40	40	945
20	1040	1069	1085	1123	1132	1131	1135	1127	1131	1143	1157	1203	1271	1325	1381	1440	1471	33,068

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN
FOR IRRIGATION SEASON OF 1976

JUNE

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BOISE SEWER	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17
CONWAY GULCH	60	58	60	65	65	65	70	71	71	71	71	71	71	72	72	73	72
DIXIE DRAIN	295	297	296	294	290	285	282	277	271	280	290	295	300	302	307	309	290
DRAINAGE DISTRICT #3	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
EAGLE DRAIN	60	63	64	66	67	68	68	68	65	64	64	62	62	60	60	60	60
FISH HATCHERY WELLS	3	3	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2
FIVE MILE DRAIN	203	200	197	195	199	191	190	189	191	195	200	220	230	230	235	229	225
HARTLEY DRAIN	121	121	111	105	100	97	93	90	91	92	95	97	98	99	101	101	100
HARTLEY GULCH	32	32	32	33	33	34	34	35	35	36	39	39	40	44	44	44	43
INDIAN CREEK	110	115	116	117	118	119	120	120	121	130	135	150	155	160	180	187	180
LONG FEEDER	17	17	17	16	16	16	15	14	14	14	15	16	17	16	17	17	15
MASON CREEK	34	32	32	30	28	27	23	22	22	22	23	23	23	25	25	25	25
MASON DRAIN	149	149	149	149	149	150	150	150	150	150	170	175	180	183	184	180	173
NORTH MIDDLETON DRAIN	101	98	90	85	80	80	78	77	77	75	75	77	75	75	75	70	70
SOUTH MIDDLETON DRAIN	118	118	118	119	119	120	120	121	121	125	130	135	140	144	144	140	135
STAR FEEDER	72	71	70	70	65	64	61	61	55	50	45	30	25	20	16	20	25
THURMAN DRAIN	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
WATTS CHECK	25	25	25	25	26	26	26	28	28	27	25	25	24	23	22	22	23
WILLOW CREEK	42	40	40	38	38	38	37	37	40	50	70	70	70	80	31	80	79
TOTALS	1486	1484	1465	1454	1435	1428	1416	1408	1400	1429	1496	1533	1558	1581	1612	1603	1564

JULY

BOISE SEWER	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
CONWAY GULCH	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
DIXIE DRAIN	196	200	210	215	220	233	236	236	236	236	236	236	236	236	240	250	260
DRAINAGE DISTRICT #3	10	10	11	10	10	10	10	10	10	10	8	6	6	6	6	6	6
EAGLE DRAIN	67	67	68	69	70	70	70	70	70	70	62	62	62	62	62	62	62
FISH HATCHERY WELLS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
FIVE MILE DRAIN	150	152	154	156	158	160	160	160	159	159	159	159	160	162	164	168	170
HARTLEY DRAIN	80	80	80	80	75	74	74	79	85	86	90	91	92	93	95	97	99
HARTLEY GULCH	28	28	28	27	26	24	24	23	23	22	21	20	21	21	22	22	23
INDIAN CREEK	125	125	125	125	125	123	123	123	123	128	130	140	140	140	140	143	145
LONG FEEDER	8	8	8	8	8	8	8	8	8	7	7	6	6	6	6	6	6
MASON CREEK	30	33	35	37	37	39	39	39	37	36	35	34	33	33	33	33	33
MASON DRAIN	140	140	140	150	150	152	152	150	150	148	145	142	140	142	148	150	157
NORTH MIDDLETON DRAIN	42	42	42	42	42	42	42	42	42	42	42	42	40	40	40	40	48
SOUTH MIDDLETON DRAIN	107	110	115	120	130	131	131	130	128	123	120	118	115	115	120	128	135
STAR FEEDER	70	70	70	70	70	70	70	75	75	75	75	75	76	76	70	60	60
THURMAN DRAIN	19	19	19	19	19	19	19	19	19	19	19	19	27	27	27	27	27
WATTS CHECK	27	26	27	26	27	26	26	26	24	24	22	22	20	20	20	18	18
WILLOW CREEK	10	10	9	9	8	8	10	10	15	15	20	21	21	20	20	18	17
TOTALS	1188	1199	1220	1242	1254	1268	1273	1275	1278	1280	1273	1263	1271	1275	1283	1298	1334

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FEET
FOR IRRIGATION SEASON OF 1976

CHAI

JUNE

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
7	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
1	71	71	71	71	71	72	72	73	72	70	65	60	59	57	56	56	56	56	55	55	54	53
7	271	280	290	295	300	302	307	309	290	250	230	220	200	190	180	183	186	189	192	194	195	196
7	7	7	7	7	7	7	7	7	7	8	8	8	9	9	9	9	10	10	10	10	10	11
8	65	64	64	62	62	60	60	60	60	60	60	60	60	60	62	62	64	64	64	64	65	66
2	2	2	3	2	2	2	3	2	2	3	2	2	3	2	2	2	3	2	2	2	2	2
9	191	195	200	220	230	230	235	229	225	220	210	207	205	203	200	180	175	170	160	150	144	148
5	91	92	95	97	98	99	101	101	100	99	97	93	92	92	92	91	91	89	87	85	83	80
10	121	130	135	150	155	160	180	187	180	170	150	130	125	125	124	124	124	124	125	125	125	125
4	14	14	15	16	17	16	17	17	15	15	14	12	10	8	8	8	8	8	8	8	8	8
22	22	22	23	23	23	25	25	25	25	25	25	25	25	24	24	24	25	25	25	25	26	26
60	150	150	170	175	180	183	184	180	173	170	155	140	140	139	138	135	130	129	128	125	124	130
77	77	75	75	77	75	75	75	70	70	70	65	65	65	64	60	60	55	50	50	45	42	42
21	121	125	130	135	140	144	144	140	135	130	120	120	110	100	100	100	100	100	100	99	105	
51	55	50	45	30	25	20	16	20	25	30	35	40	43	45	48	50	55	60	63	65	67	69
22	22	22	22	22	22	22	22	22	23	23	23	23	23	24	24	24	24	24	24	25	26	26
28	28	27	25	25	24	23	22	22	23	24	24	24	24	24	25	25	25	26	26	27	27	26
37	40	50	70	70	70	80	81	80	79	75	65	60	55	55	55	50	40	20	17	16	12	12
38	1400	1429	1496	1533	1558	1581	1612	1603	1564	1502	1407	1348	1306	1279	1264	1239	1223	1189	1177	1160	1147	1163

JULY

	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
24	24	24	24	24	24	24	24	24	24	24	24	24	23	23	23	23	23	23	23	23	23	23
53	53	53	53	53	53	53	53	53	53	53	53	53	69	69	69	69	69	65	61	61	61	61
36	236	236	236	236	236	236	236	240	250	260	270	290	298	280	270	265	260	255	255	252	255	290
10	10	10	8	6	6	6	6	6	6	6	6	6	6	7	7	6	7	7	7	7	7	7
70	70	70	70	62	62	62	62	62	62	62	62	62	62	60	60	58	55	54	54	54	53	52
2	2	2	2	2	2	2	2	2	5	6	5	6	6	5	6	5	6	5	6	5	5	6
60	160	159	159	159	159	160	162	164	168	170	175	177	179	180	183	185	185	185	187	200	250	280
74	79	85	86	90	91	92	93	95	97	99	100	101	100	95	90	90	90	85	80	85	95	95
24	23	23	22	21	20	21	21	22	22	23	23	24	24	24	24	22	20	18	18	18	20	30
23	123	128	128	130	140	140	140	140	143	145	150	155	155	155	158	158	162	162	165	167	177	197
8	8	8	7	7	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5
39	37	36	35	34	33	33	33	33	33	33	34	34	34	34	34	34	36	36	36	36	36	36
50	150	148	145	142	140	142	148	150	157	160	165	167	167	165	160	160	157	157	155	155	170	200
42	42	42	42	40	40	40	40	40	48	48	50	54	54	50	50	45	40	37	35	35	40	50
30	128	123	120	118	115	115	120	128	135	140	140	142	142	135	130	125	120	110	104	110	115	120
75	75	75	75	76	76	70	70	60	60	60	54	54	54	58	58	58	60	66	66	68	69	70
19	19	19	19	19	27	27	27	27	27	27	27	27	28	28	28	28	28	28	28	28	28	28
26	24	24	22	22	20	20	20	18	18	16	16	15	15	15	16	17	18	18	19	18	18	19
10	15	15	20	21	21	20	20	18	18	17	15	15	17	17	19	19	20	20	21	21	21	23
75	1278	1280	1273	1263	1271	1275	1283	1298	1334	1355	1379	1411	1438	1401	1390	1372	1361	1336	1329	1340	1434	1534

TO BOISE RIVER IN SECOND FEET
N SEASON OF 1976

CHART NO. 12

JUNE

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	506
2	72	73	72	70	65	60	59	57	56	56	56	56	55	55	54	53		1910
3	307	309	290	250	230	220	200	190	180	183	186	189	192	194	195	196		7565
4	7	7	7	8	8	8	9	9	9	9	10	10	10	10	10	11		239
5	60	60	60	60	60	60	60	60	62	62	64	64	64	64	65	66		1892
6	3	2	2	3	2	2	3	2	2	2	3	2	2	2	2	2		69
7	235	229	225	220	210	207	205	203	200	180	175	170	160	150	144	148		5885
8	101	101	100	99	97	93	92	92	92	91	91	89	87	85	83	80		2883
9	44	44	43	43	42	42	41	41	40	39	37	30	30	29	29	28		1100
10	180	187	180	170	150	130	125	125	124	124	124	124	125	125	125	125		4029
11	17	17	15	15	14	12	10	8	8	8	8	8	8	8	8	8		392
12	25	25	25	25	25	25	25	24	24	24	25	25	25	25	26	26		765
13	184	180	173	170	155	140	140	139	138	135	130	129	128	125	124	130		4523
14	75	70	70	70	65	65	65	64	60	60	55	50	50	45	42	42		2091
15	144	140	135	130	120	120	110	100	100	100	100	100	100	99	99	105		3551
16	16	20	25	30	35	40	43	45	48	50	55	60	63	65	67	69		1490
17	22	22	23	23	23	23	23	24	24	24	22	20	18	19	18	19		655
18	22	22	23	24	24	24	24	24	25	25	25	26	26	26	27	26		751
19	31	80	79	75	65	60	55	55	55	50	40	20	17	16	12	12		1462
20	1612	1603	1564	1502	1407	1348	1306	1279	1264	1239	1223	1189	1177	1160	1147	1163		41,758

JULY

24	24	24	24	24	24	24	23	23	23	23	23	23	23	23	23	23	23	733
25	53	53	53	53	53	53	69	69	69	69	69	65	65	61	61	61	61	1779
26	236	240	250	260	270	290	298	280	270	265	260	255	255	252	255	280	290	7668
27	6	6	6	6	6	6	6	7	7	6	7	7	7	7	7	7	7	238
28	62	62	62	62	62	62	62	60	60	58	55	54	54	54	53	53	52	1934
29	2	2	2	5	6	5	6	5	6	5	6	5	6	5	6	5	6	115
30	162	164	168	170	175	177	179	180	183	185	185	185	187	200	250	275	280	5511
31	93	95	97	99	100	101	100	95	90	90	90	85	80	85	85	95	95	2715
32	21	21	22	22	23	23	24	24	24	22	20	18	18	18	20	28	30	720
33	140	140	143	145	150	155	155	155	158	158	162	162	165	167	177	180	197	4494
34	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	195
35	33	33	33	33	33	34	34	34	34	34	36	36	36	36	36	36	36	1084
36	148	150	157	160	165	167	167	165	160	160	157	157	155	155	170	190	200	4824
37	40	40	40	48	48	50	54	54	50	45	40	37	35	35	40	45	50	1345
38	120	128	135	140	140	142	142	135	130	125	120	110	104	104	110	115	120	3813
39	76	70	70	60	60	60	54	54	54	58	60	66	66	66	68	69	70	2080
40	27	27	27	27	27	27	28	28	28	28	28	28	28	28	28	28	28	752
41	20	20	18	18	16	16	15	15	15	17	18	18	19	18	19	18	19	638
42	20	18	18	17	15	15	17	17	19	19	20	20	21	21	21	21	23	508
43	1283	1298	1334	1355	1379	1411	1438	1401	1390	1372	1361	1336	1329	1340	1434	1534	1592	41,146

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
FOR IRRIGATION SEASON OF 1

AUGUST

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24
CONWAY GULCH	61	65	65	65	65	63	62	60	60	60	59	59	59	60	60	61
DIXIE DRAIN	300	340	350	360	360	345	330	300	290	285	283	280	279	278	279	280
DRAINAGE DISTRICT #3	6	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8
EAGLE DRAIN	51	50	50	50	50	45	45	40	38	38	38	38	40	45	50	50
FISH HATCHERY WELLS	6	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3
FIVE MILE DRAIN	290	310	311	310	300	270	260	250	240	235	242	250	265	270	280	283
HARTLEY DRAIN	100	101	102	100	95	90	88	83	81	80	80	85	87	88	90	91
HARTLEY GULCH	35	37	37	37	37	37	35	35	35	31	31	31	31	28	26	24
INDIAN CREEK	200	215	235	237	237	237	220	200	170	165	165	170	180	190	200	201
LONG FEEDER	7	7	7	7	7	6	6	6	5	5	5	6	6	6	7	8
MASON CREEK	36	33	32	32	30	29	28	28	27	26	26	26	26	28	28	29
MASON DRAIN	210	225	226	226	230	232	234	236	237	238	238	235	230	200	200	190
NORTH MIDDLETON DRAIN	50	54	55	55	50	48	45	40	31	29	30	31	35	40	41	47
SOUTH MIDDLETON DRAIN	125	130	132	128	125	100	100	91	85	82	83	91	97	99	100	110
STAR FEEDER	73	74	75	75	74	74	73	73	72	72	72	72	72	70	70	70
THURMAN DRAIN	28	26	24	24	24	24	24	25	25	24	24	24	23	23	23	23
WATTS CHECK	18	17	17	17	18	18	18	19	19	20	20	21	23	24	24	25
WILLOW CREEK	25	27	29	30	31	33	39	40	44	45	45	43	42	41	40	39
TOTALS	1644	1745	1779	1785	1766	1683	1641	1558	1493	1469	1474	1494	1527	1522	1554	1564

SEPTEMBER

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	24	24	24	24	24	23	23	23	23	23	23	23	23	23	23	23
CONWAY GULCH	59	60	60	60	62	62	63	64	64	65	65	66	66	68	68	65
DIXIE DRAIN	201	210	220	235	250	270	280	281	285	290	300	310	311	312	312	315
DRAINAGE DISTRICT #3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11
EAGLE DRAIN	43	45	47	48	49	49	50	50	51	51	52	52	53	50	48	40
FISH HATCHERY WELLS	3	3	3	3	2	3	3	2	3	2	3	2	3	2	3	2
FIVE MILE DRAIN	180	185	190	195	200	210	212	225	230	250	255	258	260	260	257	251
HARTLEY DRAIN	83	85	89	90	92	94	94	92	90	80	80	76	75	74	70	70
HARTLEY GULCH	23	24	25	26	27	28	28	30	31	32	33	35	36	37	37	33
INDIAN CREEK	158	160	168	180	190	200	203	205	210	220	225	230	245	255	256	257
LONG FEEDER	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8
MASON CREEK	18	18	18	18	18	17	17	17	17	16	16	15	14	14	13	11
MASON DRAIN	175	175	175	175	173	173	172	172	195	200	230	250	280	282	282	280
NORTH MIDDLETON DRAIN	55	58	60	64	69	70	71	71	71	71	71	71	71	71	72	75
SOUTH MIDDLETON DRAIN	86	87	87	88	88	89	90	90	100	100	110	110	120	124	120	110
STAR FEEDER	58	60	60	69	70	75	80	80	78	77	76	73	72	70	70	69
THURMAN DRAIN	19	20	20	21	21	24	24	24	24	23	23	22	21	20	20	20
WATTS CHECK	26	27	27	28	30	30	31	30	31	30	38	45	50	50	42	36
WILLOW CREEK	28	30	50	58	65	66	66	66	66	66	66	66	66	66	61	57
TOTALS	1255	1287	1339	1398	1446	1501	1523	1538	1585	1613	1682	1721	1783	1795	1782	1748

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FEET
FOR IRRIGATION SEASON OF 1976

CHAR

AUGUST

	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3	23	23	23	23	23	23	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
0	60	60	59	59	59	60	60	61	62	63	63	63	61	61	60	60	59	59	59	59	59	59
0	290	285	283	280	279	278	279	280	278	277	275	273	270	269	269	268	267	260	250	240	230	220
8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10
0	38	38	38	38	40	45	50	50	50	50	50	45	45	45	41	41	41	41	41	41	41	41
	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
0	240	235	242	250	265	270	280	283	283	280	275	270	265	260	250	245	238	230	221	210	190	181
13	81	80	80	85	87	88	90	91	93	93	90	90	87	86	85	83	83	83	83	83	83	83
15	35	31	31	31	31	28	28	26	24	24	24	24	24	24	24	23	23	23	23	23	23	23
0	170	165	165	170	180	190	200	200	201	202	202	200	190	185	180	180	177	177	170	170	161	160
6	5	5	5	6	6	6	7	7	8	7	8	7	8	6	6	5	5	5	5	5	6	6
28	27	26	26	26	26	28	28	28	29	29	29	29	28	28	28	27	27	25	24	23	22	19
36	237	238	238	235	230	230	200	190	185	185	183	183	180	179	179	178	178	178	178	177	176	175
40	31	29	30	31	35	40	41	47	50	50	55	60	63	65	66	67	67	63	62	58	57	55
91	85	82	83	91	97	99	100	110	114	114	110	108	106	104	103	102	101	100	94	93	87	87
73	73	72	72	72	72	70	70	70	70	70	70	70	69	69	69	67	67	65	65	63	60	59
24	25	25	24	24	24	23	23	23	23	24	25	25	25	26	26	26	24	23	22	21	20	20
19	19	20	20	20	21	23	24	24	25	25	25	25	26	26	26	27	27	27	27	27	27	27
40	44	45	45	43	42	41	40	39	39	39	40	41	42	43	45	46	46	42	40	36	31	27
58	1493	1469	1474	1494	1527	1522	1554	1564	1569	1567	1561	1550	1526	1513	1494	1482	1467	1438	1401	1366	1310	1279

SEPTEMBER

	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
64	64	65	65	66	66	68	68	68	65	65	64	64	62	61	61	61	61	61	62	61	61	61
201	285	290	300	310	311	312	312	315	316	317	320	323	323	324	300	290	280	270	260	260	259	259
10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
50	51	51	52	52	53	50	48	40	40	36	35	34	34	34	34	34	34	34	35	35	35	35
2	3	2	3	2	3	3	2	3	2	3	2	3	3	2	3	2	3	2	3	3	2	3
225	230	250	255	258	260	260	257	251	250	225	220	210	206	200	180	175	150	135	130	120	120	121
92	90	80	80	76	75	74	74	70	70	68	68	66	65	65	70	70	73	73	75	75	75	75
30	31	32	33	35	36	37	37	33	32	27	25	20	19	17	16	15	10	10	8	9	8	9
205	210	220	225	230	245	255	256	257	259	260	265	266	267	268	260	250	225	200	198	195	192	200
6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	6	6	6	6	6
17	17	17	16	16	15	14	14	13	11	10	7	6	6	6	8	9	10	12	15	18	20	23
172	195	200	230	250	280	282	282	280	273	267	260	257	252	250	230	220	200	190	178	173	170	165
71	71	71	71	71	71	71	72	75	77	80	83	85	86	82	80	75	75	74	74	73	70	65
90	100	100	110	110	120	124	120	110	110	100	100	95	92	92	90	88	83	80	77	75	73	70
80	78	77	76	73	72	70	70	69	69	68	68	67	67	67	65	60	60	55	54	53	53	55
24	24	23	23	22	21	20	20	20	20	20	22	22	23	23	23	23	23	23	22	22	22	22
30	31	30	38	45	50	50	50	42	36	28	20	19	14	14	13	13	12	12	11	10	9	10
66	66	66	66	66	66	66	61	60	57	55	53	51	50	47	40	38	36	34	33	33	33	33
1538	1585	1613	1682	1721	1783	1795	1782	1748	1729	1671	1654	1630	1611	1594	1515	1465	1377	1305	1275	1255	1242	1246

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
24	24	24	24	24	24	24	24	24	24	24	24	24	24	729
63	63	63	61	61	60	60	59	59	59	59	59	59	59	1890
277	275	273	270	269	269	268	267	260	250	240	230	220	210	8795
8	10	10	10	10	10	10	10	10	10	10	10	10	10	267
50	50	45	45	45	41	41	41	41	41	41	41	41	41	1372
3	3	3	3	3	3	3	3	3	3	3	3	3	3	85
280	275	270	265	260	250	245	238	230	221	210	190	181	176	7940
93	90	90	87	86	85	83	83	83	83	83	83	83	83	2729
24	24	24	24	24	24	23	23	23	23	23	23	23	23	883
202	202	200	190	185	180	180	177	177	170	170	161	160	159	5935
7	8	7	8	6	6	5	5	5	5	5	6	6	6	193
29	29	29	28	28	28	27	27	25	24	23	22	19	18	848
185	183	183	180	179	179	178	178	178	178	177	176	175	175	6276
50	55	60	63	65	66	67	67	63	62	58	57	55	53	1572
114	110	108	106	104	103	102	101	100	94	93	87	87	86	3187
70	70	70	69	69	69	67	67	65	65	63	60	59	58	2155
24	25	25	25	26	26	26	24	23	22	21	20	20	19	738
25	25	25	26	26	26	27	27	27	27	27	27	27	26	706
39	40	41	42	43	45	46	46	42	40	36	31	27	24	1174
1567	1561	1550	1526	1513	1494	1482	1467	1438	1401	1366	1310	1279	1253	47,474

23	23	23	23	23	23	23	23	23	23	23	23	23	23	696
65	65	64	64	62	61	61	61	61	62	61	61	61	61	1890
317	320	323	323	324	300	290	280	270	260	260	259	259	259	8483
11	11	11	11	11	11	11	11	11	11	11	11	11	11	315
36	35	34	34	34	34	34	34	34	35	35	35	35	35	1267
2	3	2	3	3	2	3	2	3	3	3	2	3	3	79
225	220	210	206	200	180	175	150	135	130	120	120	121	121	6060
68	68	66	65	65	70	70	73	73	75	75	75	75	75	2326
27	25	20	19	17	16	15	10	10	8	9	8	9	9	710
260	265	266	267	268	260	250	225	200	198	195	192	200	200	6667
8	8	8	8	8	8	8	8	6	6	6	6	6	6	200
10	7	6	6	6	8	9	10	12	15	18	20	23	23	425
267	260	257	252	250	230	220	200	190	178	173	170	165	165	6474
80	83	85	86	82	80	75	75	74	74	73	70	65	65	2170
100	100	95	92	92	90	88	83	80	77	75	73	70	70	2824
68	68	67	67	67	65	60	60	55	54	53	53	55	55	1998
20	22	22	23	23	23	23	23	23	22	22	22	22	22	656
28	20	19	14	14	13	13	12	12	11	10	9	10	10	786
55	53	51	50	47	40	38	36	34	33	33	33	33	33	1539
1671	1654	1630	1611	1594	1515	1465	1377	1305	1275	1255	1242	1246	1246	45,565

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
FOR IRRIGATION SEASON OF 1976

OCTOBER

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BOISE SEWER	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16
CORWAY GULCH	61	60	57	56	55	55	54	53	50	49	48	47	46	46	46	46	46
DIXIE DRAIN	259	260	260	261	261	262	262	262	262	262	262	262	262	262	262	262	262
DRAINAGE DISTRICT #3	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	8
EAGLE DRAIN	35	35	35	32	32	32	32	32	32	32	32	32	32	32	32	32	32
FISH HATCHERY WELLS	3	2	3	2	3	3	3	2	3	3	3	3	2	2	3	3	3
FIVE MILE DRAIN	121	122	122	123	124	124	120	115	100	90	81	79	79	79	79	79	79
HARTLEY DRAIN	70	65	60	55	55	55	50	50	49	49	48	48	48	48	48	48	48
HARTLEY GULCH	10	12	18	20	24	24	24	24	24	25	25	25	25	25	25	25	25
INDIAN CREEK	205	205	210	215	215	216	210	210	200	199	195	193	191	190	190	190	190
LONG FEEDER	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8
MASON CREEK	23	25	25	26	27	27	27	27	27	27	27	27	27	27	27	27	27
MASON DRAIN	160	160	155	155	151	140	130	120	60	40	40	39	39	39	39	39	39
NORTH MIDDLETON DRAIN	64	60	60	58	58	58	55	50	50	49	49	49	49	49	49	49	49
SOUTH MIDDLETON DRAIN	70	70	70	69	69	69	69	69	69	69	62	62	62	62	62	62	62
STAR FEEDER	55	55	55	57	57	57	57	57	57	57	57	55	55	50	50	50	50
THURMAN DRAIN	21	21	21	21	21	21	21	21	21	21	20	20	20	20	20	20	20
WATTS CHECK	11	12	11	11	12	11	12	11	12	11	12	11	11	11	11	11	11
WILLOW CREEK	33	30	30	27	27	27	27	20	20	19	18	17	17	17	17	17	17
TOTALS	1235	1228	1226	1219	1222	1212	1184	1154	1067	1033	1010	1001	997	991	983		

OCTOBER

[illegible]

CHART NO. 12

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[illegible]

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY DRAIN DISCHARGES INTO THE BOISE RIVER
DURING THE IRRIGATION SEASON OF 1976

CHART NO. 13

NAME OF DRAIN	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
BOISE SEWER	844	956	1012	1456	1458	1292	488	7616
CONWAY GULCH	1088	3126	3820	3558	3780	3780	1566	20218
LOVELL DRAIN (SLOUGH)	4332	12640	15130	15336	17590	16966	7842	89896
FISH HATCHERY WELLS	88	144	128	230	170	158	80	1008
FIVE MILE CREEK	1902	9116	11770	11022	15880	12120	3098	64908
INDIAN CREEK	4888	4668	8058	8988	11170	13334	6088	57894
MOON CREEK	778	1700	1530	2168	1696	850	712	9314
MOON DRAIN	954	5844	9046	9648	12552	12948	2934	53926
TOTAL	14894	38194	50904	52416	64996	61548	22888	305,440

DRAINAGE DISTRICT #2 (ENTERS INTO THE BOISE RIVER)

EAGLE DRAIN	972	3254	3784	3868	2744	2534	978	18144
HURLEY DRAIN	896	3276	5766	5430	5458	4652	1596	27074
HURLEY GULCH	584	1672	2200	1440	1766	1420	660	9742
NORTH MIDDLETON	1324	3666	4182	2690	3144	4340	1614	20160
SOUTH MIDDLETON	962	6096	7102	7626	6372	5648	2006	35812
WILLOW CREEK	830	1890	2924	1016	2348	3078	692	12778
TOTAL	5568	19864	25958	28070	21832	21672	7546	124,510

(DIVERTED INTO CANALS)

LONG FIELDER	224	1042	784	390	386	400	210	3436
STAR FIELDER	0	3736	2980	4160	4310	3996	1662	20844
WATTS CHECK	292	1710	1502	1276	1442	1572	340	8104
TOTAL	516	6488	5266	5826	6108	5968	2212	32,384
TOTAL	6084	26352	31224	27896	27940	27640	9758	156,894

DRAINAGE DISTRICT #3

NICHOLSON, SOUTH 4 MILES DRAIN	160	352	478	476	534	630	238	2888
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DRAINAGE DISTRICT #4

TURNER DRAIN	372	1228	1310	1504	1476	1312	620	7932
TOTAL - ALL DRAINS	21,310	66,136	83,316	82,292	94,946	91,130	33,324	473,034

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
 CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN BY MONTHS
 IN ACRE FEET - JULY 1, 1976, THRU OCTOBER 15, 1976

CHART NO. 14

	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTALS
BOISE RIVER AT DIVERSION DAM	280,826	235,648	183,766	69,300	769,540
TRIBUTARY GAIN	76,466	88,838	85,162	31,312	281,778
TOTAL AVAILABLE	357,292	324,486	268,928	100,612	1,051,318
DELIVERIES TO CANALS	360,666	308,344	242,874	96,758	1,008,642
NET TRIBUTARY GAIN UNUSED		16,142	26,054	3,854	46,050
SEEPAGE GAIN	3,374				3,374

CHART NO. 15

[illegible]

CHART NO. 16

[illegible]

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT NO. 4, FOR 2,500 ACRES

[illegible]

AVERAGE DAILY FLOW IN SECOND FEET									
12.4	20.0	21.8	24.3	29.8	21.9	20.7	20.7	1962	2.47
								1963	2.69
								1964	2.65
TOTAL MONTHLY FLOW IN ACRE FEET									
372	1238	1310	1504	1476	1312	620	7832	1965	2.28
								1966	2.87
ACRE FEET PER ACRE									
.15	.50	.52	.60	.59	.52	.25	3.13	1967	3.10
								1968	3.21
								1969	2.70
								1970	3.29
								1971	3.64
								1972	4.02
								1973	3.18
								1974	3.56
								1975	3.52
								1976	3.13

SUMMERY TABLE IN SECOND FEET

CHART NO. 17

SHOWING AVERAGE DAILY RETURN FLOW TO BOISE RIVER

FOR LAST 15 YEARS

MONTH	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
APRIL	440	638	532	849	1003	345	289	592	457	775	645	626	596	395	717
MAY	1254	894	1179	776	1226	702	927	1016	1063	1112	1192	949	1063	962	1067
JUNE	946	1505	1625	1386	1416	682	1017	1181	1205	1369	1365	1113	1196	1238	1392
JULY	1143	1180	1227	1327	1088	802	1086	947	1107	1259	1282	1097	1233	1264	1327
AUGUST	1164	1225	1412	1520	1064	867	1055	1010	1197	1294	1298	1102	1284	1387	1531
SEPTEMBER	1299	1481	1475	1430	1169	735	910	1048	1345	1472	1462	1204	1389	1326	1519
OCTOBER			1277	2922	1152	672	1028	1065	1136	1384	1364	1201	1282	1489	1117
AVERAGE	1041	1154	1247	1459	1160	686	902	980	1073	1238	1230	1042	1149	1152	1239

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 WATER ADMINISTRATION
				SEC. FT.	INCHES	
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	63-0278
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	63-0280
8-C	1865	LOUISE SIMONSON	LEMP DITCH	6.00	300	63-0270
8-D	1865	S. G. HARDIES	BUBB	.50	25	63-0281
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	63-0254
31-B	6-1-1866	MINNIE & JEREMIAH COUZENS	MIDDLETON WATER	.60	30	63-0255
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	63-0001
33-A	6-1-1867	RALPH T. KNIGHT & ORA K. TILLER	CANYON COUNTY WATER CO.	1.76	88	63-0277
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	63-0279
50-A	1870	(S. G. HARDIES (AMELIA EISLEY	BUBB	1.00	50	63-0282 63-0283)
59-A	5-1-1875	KARL F. & OTTO W. ROEDEL	INDIAN CREEK	3.20	160	63-0305
66-A	4-1-1878	J. S. KRAUSS	BALLENTYNE	.80	40	63-0265
66-C	4-1-1878	J. W. KOLANDER	BALLENTYNE	1.40	70	63-0289
66-D	4-1-1878	M. T. GRIFFITH	BALLENTYNE	.80	40	63-0264
71-A	4-1-1879	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	3.00	150	63-0291
73-A	4-1-1880	GOBLE & SONGER	NEW DRY CREEK	.54	27	63-0288
73-B	1880	ALBERT LEMP ET AL	BAXTER DITCH	3.20	160	63-0368
74-A	6-1-1880	C. B. FRANK	NEW DRY CREEK	1.816	90.8	63-0263
77-A	6-1-1881	GUS A. BARTH	PARMA DITCH CO.	1.60	80	63-0272
77-B	6-1-1881	CHARLES JURRIES	PARMA DITCH CO.	.34	17	63-0274
77-C	6-1-1881	JAMES FINLAY	PARMA DITCH CO.	.80	40	63-0275
77-D	6-1-1881	LESTER J. SHIPPY	PARMA DITCH CO.	1.30	65	63-0273
77-E	4-15-1882	ROC HELM	RIVERSIDE IRRIG. DIST.	3.674	183.70	63-0290
85-A	6-1-1882	LEO MARSTERS	WARM SPRINGS SLOUGH	1.76	88	63-0287
85-B	4-1-1883	JACOB BINGMAN	SETTLERS	1.00	50	63-0257
85-C	5-1-1883	WM. HUCKBA	NEW DRY CREEK	.2232	11.16	63-0259
85-D	5-1-1883	C. H. SCHMELZER	BALLENTYNE	.8256	41.28	63-0260
85-E	5-1-1883	C. W. MCCLURG	NEW DRY CREEK	.385	19.25	63-0261
106-A	3-1-1889	AMELIA EISLEY	BUBB	.84	42	63-0284
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	63-0276
114-B	5-1-1889	GUS A. BARTH	O'DONNELL & BARTH	.80	40	63-0271
116-A	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	63-0266
116-B	6-1-1890	WILLIS B. SPENCER	RIVERSIDE IRRIG. DIST.	.10	5	63-0267
116-C	6-1-1890	REBECCA BELL	RIVERSIDE IRRIG. DIST.	.40	20	63-0268
123-A	4-15-1893	OTTO & MARIE MULLER	MIDDLETON MILL DITCH	1.60	80	63-0370
124-A	5-1-1893	W. D. CHARTERS	NEW DRY CREEK	.825	41.25	63-0258
129-A	4-1-1897	H. E. PLAIN	NEW DRY CREEK	.54	27	63-0286
136	5-1-1906	H. E. WIMER	BALLENTYNE	.392	19.6	63-0285
137	5-1-1909	B. P. WEAVERLING	MACE & MACE	1.76	88	63-0253
137-A	4-1-1910	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	7.00	350	63-0292
138	6-14-1912	WESLEY A. MACE	MACE & CATLIN	.44	22	63-0361
139	4-1-1915	ISLAND HIGH LINE DITCH CO.	ISLAND HIGH LINE DITCH	10.00	500	63-0293

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DEC

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE
	FROM	TO		NO.	DATE	
12	SIEBENBERG	CANYON DITCH	63-0138	9	6-1-1865	4-8-1912
29	CALDWELL HIGH LINE	CANYON COUNTY	63-0179	46	6-1-1869	8-26-1918
32	DAVIS	DAVIS DITCH	63-0122	119	6-1-1891	7-15-1919
35	PIONEER DIXIE	RIVERSIDE	(63-0136	(8	9-1-1864	4-3-1919
			(63-0137	(45	6-1-1869	
36	CANYON COUNTY	MIDDLETON WATER	63-0168	35	6-1-1867	4-12-1918
36A	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	4-19-1909
38	HART & DAVIS	SEVEN SUCKERS	(63-0186	(57	6-1-1872	9-24-1915
			(63-0187	(58	6-1-1872	
39	HART & DAVIS	SEVEN SUCKERS	(63-0186	(57	6-1-1872	6-12-1918
			(63-0187	(58	6-1-1872	
47	AMERICAN DITCH	EUREKA No. 2	63-0233	96	10-1-1887	3-18-1910
48	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	3-31-1910
50	LOWER CENTER POINT	BOWMAN & SWISHER	63-0151	19	6-1-1865	3-31-1920
51	LOWER CENTER POINT	BOWMAN & SWISHER	63-0152	20	6-1-1865	3-31-1920
54	CANYON COUNTY	MIDDLETON MILL	63-0168	35	6-1-1867	4-24-1920
57	MIDDLETON WATER	BALLENTYNE	63-0198	65	6-1-1877	12-2-1920
59	KENNEDY	CANYON COUNTY	63-0163	31	6-1-1866	3-18-1921
61	KENNEDY & LAWRENCE	MIDDLETON WATER	63-0255	318	6-1-1866	6-22-1921
62	PIONEER DIXIE	EUREKA No. 2	63-0233	96	10-1-1887	11-14-1910
64	BALLENTYNE	NEW DRY CREEK	63-0238	102	6-1-1888	12-21-1921
71	UPPER CENTER POINT	EUREKA No. 2	63-0156	24	6-1-1865	3-14-1911
75	MIDDLETON MILL	CANYON COUNTY	63-0168	35	6-1-1867	11-25-1924
76	THURMAN DRAIN	SETTLERS	63-0257	85B	4-1-1883	3-12-1925
77	BUBB	BAHLER	(63-0278	(8A	4-1-1865	4-26-1925
			(63-0279	(47A	4-1-1870	
83	WARM SPRINGS DITCH	SETTLERS	63-0287	85A	6-1-1882	4-29-1926
84	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	3-9-1926
85	UPPER CENTER POINT	EUREKA No. 2	63-0156	24	6-1-1865	5-7-1926
103	PARMA DITCH	PARMA DITCH	(63-0203	(71	6-1-1878	10-3-1928
			(63-0209	(74	6-1-1880	
			(63-0272	(77A	6-1-1888	
			(63-0274	(77B	6-1-1888	
			(63-0275	(77C	6-1-1888	
			(63-0273	(77D	6-1-1888	
			(63-0204	(125	6-1-1894	
			63-0254	31A	6-1-1866	3-25-1931
126	LAWRENCE & KENNEDY	MIDDLETON WATER	63-0152	20	6-1-1865	8-15-1930
127	BOWMAN & SWISHER	BAXTER DITCH	63-0223	89	11-9-1883	1-16-1932
131	EUREKA No. 2	LOWER CENTER POINT	63-0260	85D	5-1-1883	4-11-1934
140	BALLENTYNE	NEW DRY CREEK	63-2093		12-16-1908	12-18-1934
141	FISCHER POWER	FISCHER POWER	63-0168	35	6-1-1867	1-8-1936
147	MIDDLETON MILL	CANYON COUNTY	63-0233	96	10-1-1887	4-17-1936
148	PIONEER DIXIE	UPPER CENTER POINT	63-0258	124A	5-1-1893	2-18-1937
151	NEW DRY CREEK	BALLENTYNE	63-0279	47A	4-1-1870	5-15-1937
152	BAHLER DITCH	RIDENBAUGH	63-0249	127	5-1-1895	5-15-1937
153	REIN-KEOH-BAHLER	RIDENBAUGH	63-0278	8A	4-1-1865	5-15-1937
154	BAHLER DITCH	RIDENBAUGH	63-0156	24	6-1-1865	5-27-1939
159	UPPER CENTER POINT	EUREKA No. 2	63-0239	103	6-1-1888	5-5-1940
161	BALLENTYNE	NEW DRY CREEK	63-0233	96	10-1-1887	4-21-1941
166	EUREKA No. 2	PIONEER DIXIE	(63-0223	(89	11-9-1883	2-26-1943
171	EUREKA No. 2	EUREKA No. 2	(63-0233	(96	10-1-1887	
			(63-0156	(24	6-1-1865	

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

DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE	DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED
63-0138	9	6-1-1865	4-8-1912			
63-0179	46	6-1-1869	8-26-1918	.50	25	HENRY MEEK
63-0122	119	6-1-1891	7-15-1919	1.00	50	J. C. HUGHES
(63-0136	(8	9-1-1864	4-3-1919	.54	27	DAVIS ESTATE
(63-0137	(45	6-1-1869		.72	36	REBECCA BELL
63-0168	35	6-1-1867	4-12-1918	1.28	64	
63-0233	96	10-1-1887	4-19-1909	.38	19	DRAPER, BODLE, WATT, :
(63-0186	(57	6-1-1872	9-24-1915	2.00	100	C. H. ROSENBERGER
(63-0187	(58	6-1-1872		(1.04	(52	SHAFFER, BLAIR, JENKIN
(63-0186	(57	6-1-1872	6-12-1918	(	(	
(63-0187	(58	6-1-1872		(	(	GEORGE RAMBO
63-0233	96	10-1-1887		(	(	
63-0233	96	10-1-1887	3-18-1910	29.50	1475	AMERICAN DITCH ASSN.
63-0151	19	6-1-1865	3-31-1910	4.10	210	NANCY & WILLIAM NICHOLS
63-0152	20	6-1-1865	3-31-1920	2.88	144	JOHN SWISHER
63-0168	35	6-1-1867	3-31-1920	6.40	320	BIRD BOWMAN
63-0198	65	6-1-1877	4-24-1920	1.11	55.5	H. G. DUDLEY
63-0163	31	6-1-1866	12-2-1920	.60	30	EDWARD MCCLINTOCK
63-0255	31B	6-1-1866	3-18-1921	2.60	130	DANIEL W. KENNEDY
63-0233	96	10-1-1887	6-22-1921	.60	30	MINNIE COUZENS
63-0238	102	6-1-1888	11-14-1910	1.00	50	J. A. CARTRIGHT
63-0156	24	6-1-1865	12-21-1921	.20	10	HARRY SEAVEY
63-0168	35	6-1-1867	3-14-1911	.80	40	J. D. ROLAND
63-0257	85B	4-1-1883	11-25-1924	.50	25	DETWEDE, NORTHWESTERN &
(63-0278	(8A	4-1-1865	3-12-1925	1.00	50	JACOB BINGMAN
(63-0279	(47A	4-1-1870	4-26-1925	.80	40	ADOLPH BAHLER
63-0287	85A	6-1-1882		.80	40	
63-0198	65	6-1-1877	4-29-1926	.72	36	LEO MARSTERS
63-0156	24	6-1-1865	3-9-1926	.80	40	J. C. RALPHS
(63-0203	(71	6-1-1878	5-7-1926	.50	25	J. C. BRUCE
(63-0209	(74	6-1-1880	10-3-1928	11.96	598	CHARLES JURRIES
(63-0272	(77A	6-1-1888				
(63-0274	(77B	6-1-1888				
(63-0275	(77C	6-1-1888				
(63-0273	(77D	6-1-1888				
(63-0204	(125	6-1-1894				
63-0254	31A	6-1-1866	3-25-1931	2.30	115	WILLIAM MUSSER
63-0152	20	6-1-1865	8-15-1930	.80	40	WILLIAM BAXTER
63-0223	89	11-9-1883	1-16-1932	.70	35	R. E. MCGUIRE
63-0260	85D	5-1-1883	4-11-1934	.06	3	CHARLES H. SCHMELZER
63-2093		12-16-1908	12-18-1934	200.00	10000	FISCHER POWER ONLY
63-0168	35	6-1-1867	1-8-1936	.20	10	CORA M. CLIFTON
63-0233	96	10-1-1887	4-17-1936	3.00	150	DORA GREER
63-0258	124A	5-1-1893	2-18-1937	.135	6.75	J. H. CONE
63-0279	47A	4-1-1870	5-15-1937	.80	40	ADOLPH BAHLER
63-0249	127	5-1-1895	5-15-1937	1.00	50	ADOLPH BAHLER
63-0278	8A	4-1-1865	5-15-1937	.80	40	ADOLPH BAHLER
63-0156	24	6-1-1865	5-27-1939	.10	5	RAYMOND T. BRESHEARS
63-0239	103	6-1-1888	5-5-1940	.65	32.5	SIDMAN I. BARBER
63-0233	96	10-1-1887	4-21-1941	.60	30	D. W. BALDWIN
(63-0223	(89	11-9-1883	2-26-1943	21.70	1085	RAYMOND T. BRESHEARS
(63-0233	(96	10-1-1887		29.50	1475	
(63-0156	(24	6-1-1865		1.30	65	

N OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 22

DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES
8-1912	.50	
6-1918	1.00	25
5-1919	.54	50
3-1919	.72	27
	1.28	36
2-1918	.38	64
9-1909	2.00	19
24-1915	(1.04	100
	(	(52
12-1918	(	(
	(	(
18-1910	29.50	1475
31-1910	4.10	210
31-1920	2.88	144
31-1920	6.40	320
24-1920	1.11	55.5
2-1920	.60	30
18-1921	2.60	130
22-1921	.60	30
14-1910	1.00	50
21-1921	.20	10
14-1911	.80	40
25-1924	.50	25
12-1925	1.00	50
26-1925	.80	40
	.80	40
29-1926	.72	36
3-9-1926	.80	40
5-7-1926	.50	25
0-3-1928	11.96	598
3-25-1931	2.30	115
3-15-1930	.80	40
1-16-1932	.70	35
4-11-1934	.06	3
2-18-1934	200.00	10000
1-8-1936	.20	10
4-17-1936	3.00	150
2-18-1937	.135	6.75
5-15-1937	.80	40
5-15-1937	1.00	50
5-15-1937	.80	40
5-27-1939	.10	5
5-5-1940	.65	32.5
4-21-1941	.60	30
2-26-1943	21.70	1085
	29.50	1475
	1.30	65

BY WHOM TRANSFERRED

REMARKS

HENRY MEER
J. C. HUGHES
DAVIS ESTATE
REBECCA BELL

DRAPER, BODLE, WATT, SURGEON
C. H. ROSENBERGER
SHAFFER, BLAIR, JENKINS, PARROTT

GEORGE RAMBO

AMERICAN DITCH ASSN.
NANCY & WILLIAM NICHOLS, C.W. COOPER
JOHN SWISHER
BIRD BOWMAN
H. G. DUDLEY
EDWARD MCCLINTOCK
DANIEL W. KENNEDY
MINNIE COUZENS
J. A. CARTRIGHT
HARRY SEAVEY
J. D. ROLAND
DETWEDE, NORTHWESTERN & PACIFIC HYPOTHECKBANK
JACOB BINGMAN
ADOLPH BAHLER

LEO MARSTERS
J. C. RALPHS
J. C. BRUCE
CHARLES JURRIES

FLAKE DITCH

FOOTE & WISEMAN

NEW DIVERSION POINT

WILLIAM MUSSER
WILLIAM BAXTER
R. E. MCGUIRE
CHARLES H. SCHMELZER
FISCHER POWER ONLY
CORA M. CLIFTON
DORA GREER
J. H. CONE
ADOLPH BAHLER
ADOLPH BAHLER
ADOLPH BAHLER
RAYMOND T. BRESHEARS
SIDMAN I. BARBER
D. W. BALDWIN
RAYMOND T. BRESHEARS

BELOW FAIRVIEW BRIDGE

NEW DIVERSION POINT

NO. OF CHANGE
OF POINT OF
DIVERSION

POINT OF DIVERSION

FROM

TO

DEPT. OF WATER
ADMINISTRATION

PRIORITY

NO.

DATE

DATE OF
CHANGE

172	UPPER CENTER POINT	UPPER CENTER POINT	(63-0155	(23	6-1-1865	2-26-1943
			(63-0156	(24	6-1-1865	
			(63-0157	(25	6-1-1865	
			(63-0158	(26	6-1-1865	
			(63-0159	(27	6-1-1865	
			(63-0233	(96	10-1-1887	
174	BALLENTYNE	NEW DRY CREEK	63-0239	103	6-1-1888	3-28-1944
175	RIVERSIDE	EUREKA NO. 2	63-0222	88	6-1-1883	4-11-1944
176	MAMMON DITCH	HAAS DITCH	63-0202	70	6-1-1878	4-18-1944
179	MACE CATLIN	SEVEN SUCKERS	(63-0132	(5	6-1-1864	3-31-1945
			(63-0133	(52	6-1-1871	
224	EUREKA NO. 2	BOWMAN & SWISHER	(63-0223	(89	11-9-1883	9-3-1954
			(63-0233	(96	10-1-1887	
227	O'DONNELL	BOISE RIVER	63-0276	114A	5-1-1889	12-17-1954
243	BOISE RIVER	BOISE VALLEY	63-2360	LICENSE#15242	7-19-1921	6-30-1958
245	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	6-30-1958
254	ROBIE CREEK	MORES CREEK	63-2036	LICENSE#1968	5-1-1906	12-20-1961
257	O'DONNELL	PARMA DITCH	63-0271	114B	5-1-1889	10-10-1962
287	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	1-18-1966
289	EUREKA NO. 2	UPPER CENTER POINT	63-0223	89	11-9-1883	3-18-1966
305	MEEVES NO. 1	MEEVES NO. 2	63-0185	53	6-1-1871	6-10-1968
1575	LAWRENCE & KENNEDY	LITTLE PIONEER	63-0001	31C	6-1-1866	9-23-1968
1647	THURMAN MILL	BOISE RIVER	63-0213	80	6-1-1882	12-7-1970
1711	RIDENBAUGH	SETTLERS	63-0199 (PART)	67	5-1-1878	7-3-1975

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

PT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE	DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED
(63-0155	(23	6-1-1865	2-26-1943	12.72	6360	HARRY VAIL
(63-0156	(24	6-1-1865				
(63-0157	(25	6-1-1865				
(63-0158	(26	6-1-1865				
(63-0159	(27	6-1-1865				
(63-0233	(96	10-1-1887				
63-0239	103	6-1-1888	3-28-1944	3.00	150	
63-0222	88	6-1-1883	4-11-1944	.24	12	FRANK M. RAY
63-0202	70	6-1-1878	4-18-1944	1.70	85	WILBUR BRESHEARS
(63-0132	(5	6-1-1864	3-31-1945	8.80	440	CHARLOTTIE D. ALLEN
(63-0133	(52	6-1-1871		.168	8.4	IDAHO FISH & GAME DEPT.
(63-0223	(89	11-9-1883	9-3-1954	.072	3.6	
(63-0233	(96	10-1-1887		.70	35	J. E. HOUSTON
63-0276	114A	5-1-1889	12-17-1954	.20	10	
63-2360 LICENSE#15242		7-19-1921	6-30-1958	1.60	80	A. C. CRAWFORTH
63-0223	89	11-9-1883	6-30-1958	1.20	60	MARIE ECHEVARRIA & I.N.M
63-2036 LICENSE#1968		5-1-1906	12-20-1961	.60	30	J. E. EKBERG
63-0271	114B	5-1-1889	10-10-1962	4.00	200	HARVEY BURNETT
63-0223	89	11-9-1883	1-18-1966	.80	40	BERT L. TREDWAY
63-0223	89	11-9-1883	3-18-1966	1.40	70	JOHN E. EKBERG
63-0185	53	6-1-1871	6-10-1968	.50	25	EARL GILES
63-0001	31C	6-1-1866	9-23-1968	1.80	90	CHARLES LITTLE
63-0213	80	6-1-1882	12-7-1970	1.10	55	MILTON SPARKS
63-0199 (PART)	67	5-1-1878	7-3-1975	1.60	80	CLARENCE T. LARSON
				.40	20	CECIL A. THOMAS

OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 22

<u>DATE OF CHANGE</u>	<u>QUANTITY IN CFS</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
1-1943	12.72	6360	HARRY VAIL	NEW DIVERSION POINT
8-1944	3.00	150		
1-1944	.24	12	FRANK M. RAY	
8-1944	1.70	85	WILBUR BRESHEARS	
1-1945	8.80	440	CHARLOTTIE D. ALLEN	
	.168	8.4	IDAHO FISH & GAME DEPT.	
3-1954	.072	3.6		
	.70	35	J. E. HOUSTON	
	.20	10		
17-1954	1.60	80	A. C. CRAWFORTH	PUMPED FROM RIVER
30-1958	1.20	60	MARIE ECHEVARRIA & I. N. KESSINGER	(FORMERLY DIVERTED FROM A
30-1958	.60	30	J. E. EKBERG	SLOUGH)
20-1961	4.00	200	HARVEY BURNETT	
10-1962	.80	40	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
18-1966	1.40	70	JOHN E. EKBERG	
18-1966	.50	25	EARL GILES	
10-1968	1.80	90	CHARLES LITTLE	
23-1968	1.10	55	MILTON SPARKS	
2-7-1970	1.60	80	CLARENCE T. LARSON	PUMPED FROM RIVER
7-3-1975	.40	20	CECIL A. THOMAS	NEW DIVERSION POINT

TRANSFERS OF DECREEED RIGHTS

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE
	FROM	TO		NO.	DATE	TRA
38	AMERICAN DITCH ASSN.	CANYON DITCH	63-0233	96	10-1-1887	9-1-
46	BARBER LUMBER CO.	PENITENTIARY	63-0184	50	6-1-1870	2-4-
105	SIEBENBERG	CANYON DITCH	63-0138	9	6-1-1865	9-18-
111	EUREKA NO. 2	HILLCREST	(63-0233	(96	10-1-1887	11-25-
	PIONEER DIXIE	"	(63-0136	(8	9-1-1864	
	"	"	(63-0137	(45	6-1-1869	
136	JACOBS	FARMERS UNION	63-0123	2	6-1-1864	6-8-1
219	PIONEER IRRIGATION DIST.	PIONEER IRRIGATION DIST.				7-15-1
300	MIDDLETON MILL	NEW DRY CREEK	(63-0124	(3	6-1-1864	4-20-1
			(63-0125	(54	6-1-1871	
			(63-0126	(120	6-1-1891	
301	MIDDLETON MILL	NEW DRY CREEK	(63-0124	(3	6-1-1864	4-20-19
			(63-0125	(54	6-1-1871	
			(63-0126	(120	6-1-1891	
347	MIDDLETON MILL	SETTLERS	63-0124	3	6-1-1864	2-6-19
349	MIDDLETON MILL	SETTLERS	63-0124	3	6-1-1864	2-6-192
350	MIDDLETON MILL	SETTLERS	63-0124	3	6-1-1864	2-6-192
357	MIDDLETON WATER	SETTLERS	63-0198	65	6-1-1877	5-5-192
370	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	3-16-192
373	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	4-26-192
374	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	5-6-1926
375	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	5-6-1926
384	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926
385	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926
386	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926
387	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926
391	MIDDLETON MILL	FARMERS UNION	(63-0124	(3	6-1-1864	8-13-1926
392	MIDDLETON WATER	RIDENBAUGH	63-0198	65	6-1-1877	8-21-1926
393	MIDDLETON MILL	FARMERS UNION	(63-0124	(3	6-1-1864	9-15-1926
			(63-0125	(54	6-1-1871	
			(63-0126	(120	6-1-1891	
395	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	11-16-1926
412	THURMAN MILL	SETTLERS	63-0214	81	6-1-1882	12-3-1927
430	FARMERS UNION	SETTLERS	63-0198	65	6-1-1877	7-2-1928
466	RIDENBAUGH	NEW YORK	63-0200	106	8-20-1888	7-6-1929
512	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-27-1932
513	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-27-1932
530	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-15-1934
595	JACOBS CANAL	NAMPA MERIDIAN	63-0120	1	6-1-1864	9-9-1938
608	"	SETTLERS				
644	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	4-29-1940
654	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	12-9-1942
660	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-18-1943
694	RIVERSIDE	PIONEER DIXIE	63-0222	88	6-1-1883	4-11-1944
701	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-29-1946
702	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	12-20-1946
712	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-20-1946
713	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	6-14-1947
717	CONSUMERS	NEW DRY CREEK	63-0161	30	5-1-1866	6-14-1947
720	SIEBENBERG	FARMERS CO-OP.	63-0138	9	6-1-1865	11-25-1947
	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-4-1948

TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED
96	10-1-1887	9-1-1909	12.10	605	WM. M. MESSLER
50	6-1-1870	2-4-1910	2.24	112	BARBER LUMBER CO.
9	6-1-1865	9-18-1912	.50	25	H. E. MEEK
(96	10-1-1887	11-25-1912	1.20)	60)	H. L. RANDALL ET AL
(8	9-1-1864		20.34)	1017)	
(45	6-1-1869				
2	6-1-1864	6-8-1914	20.00	1000	
		7-15-1918	8.64	432	BOISE FRUIT TRACT CO.
(3	6-1-1864	4-20-1921	.35	17.5	PIONEER IRRIGATION DISTRICT
(54	6-1-1871				EMMA M. FOWLER
(120	6-1-1891				
(3	6-1-1864	4-20-1921	1.54	77	JOHN F. GROOME
(54	6-1-1871				
(120	6-1-1891				
3	6-1-1864	2-6-1925	.14	7	C. E. WHITE
3	6-1-1864	2-6-1925	.14	7	FRANK WEASEL
3	6-1-1864	2-6-1925	.14	7	CARL A. GISH
65	6-1-1877	5-5-1925	.20	10	NELLIE B. WHITAKER
33	6-1-1866	3-16-1926	1.125	56.2	HENRY W. BARTLETT
33	6-1-1866	4-26-1926	.375	18.7	L. A. RICE
65	6-1-1877	5-6-1926	.40	20	H. D. PARKS
65	6-1-1877	5-6-1926	.20	10	A. G. WING
65	6-1-1877	7-8-1926	.40	20	MARY F. LEACH
65	6-1-1877	7-8-1926	.266	13.3	H. E. MCCONNELL
65	6-1-1877	7-8-1926	.40	20	H. W. BARTLETT
65	6-1-1877	7-8-1926	.40	20	E. E. SMITH
(3	6-1-1864	8-13-1926	.15	7.5	RUSH CHASE
(54	6-1-1871				
65	6-1-1877	8-21-1926	.40	20	FRED EGGERS
(3	6-1-1864	9-15-1926	.288	14.4	A. C. BOWERMAN
(54	6-1-1871				
(120	6-1-1891				
65	6-1-1877	11-16-1926	.50	25	G. R. MCGUIRE
81	6-1-1882	12-3-1927	.40	20	CHAS. P. MACE
65	6-1-1877	7-2-1928	.25	12.5	O. E. ALLISON
106	8-20-1888	7-6-1929	8.90	445	W. H. TULLER
1	6-1-1864	5-27-1932	1.00	50	W. SCOTT ANDERSON
1	6-1-1864	5-27-1932	.50	25	FARMERS UNION DITCH
1	6-1-1864	5-15-1934	.30	15	A. B. WHITNEY
1	6-1-1864	9-9-1938	.20)	10)	BOISE TRUST CO.
			.20)	10)	
88	6-1-1883	4-29-1940	1.00	50	W. F. TRACY
88	6-1-1883	12-9-1942	.70	35	S. E. SMITH
30	5-1-1866	10-18-1943	2.00	100	W. W. HOWELL
88	6-1-1883	4-11-1944	.60	30	D. W. BALDWIN
30	5-1-1866	4-29-1946	.68	34	W. W. HOWELL
30	5-1-1866	12-20-1946	2.00	100	W. W. HOWELL
30	5-1-1866	12-20-1946	.60	30	W. W. HOWELL
30	5-1-1866	6-14-1947	.90	45	W. W. HOWELL
30	5-1-1866	6-14-1947	.54	27	W. W. HOWELL
9	6-1-1865	11-25-1947	.64	32	R. M. TUCKER
30	5-1-1866	5-4-1948	1.34	67	W. W. HOWELL

FORMERLY

SOMERMEIR
FALK

LARSON-HA

EARL-FENN

REX JENSEN

MRS. EDITH

SIMPSON-DR

J. S. DEER

DRY-ENGLA

CALDWELL-1

BOISE RIVER

CHART NO. 23

OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
1909	12.10	605	WM. M. MESSLER	
1910	2.24	112	BARBER LUMBER CO.	
1912	.50	25	H. E. MEEK	
1912	1.20)	60)	H. L. RANDALL ET AL	
	20.34)	1017)		
1914	20.00	1000	BOISE FRUIT TRACT CO.	
1918	8.64	432	PIONEER IRRIGATION DISTRICT	LICENSED RIGHT INDIAN CREEK
1921	.35	17.5	EMMA M. FOWLER	
1921	1.54	77	JOHN F. GROOME	
1925	.14	7	C. E. WHITE	
1925	.14	7	FRANK WEASEL	
1925	.14	7	CARL A. GISH	
1925	.20	10	NELLIE B. WHITAKER	
1926	1.125	56.2	HENRY W. BARTLETT	
1926	.375	18.7	L. A. RICE	
1926	.40	20	H. D. PARKS	
1926	.20	10	A. G. WING	
1926	.40	20	MARY F. LEACH	
1926	.266	13.3	H. E. MCCONNELL	
1926	.40	20	H. W. BARTLETT	
1926	.40	20	E. E. SMITH	
1926	.15	7.5	RUSH CHASE	
1926	.40	20	FRED EGGERS	
1926	.288	14.4	A. C. BOWERMAN	
1926	.50	25	G. R. MCGUIRE	
1927	.40	20	CHAS. P. MACE	
1928	.25	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
1929	8.90	445	W. H. TULLER	
1932	1.00	50	W. SCOTT ANDERSON	
1932	.50	25	FARMERS UNION DITCH	
1934	.30	15	A. B. WHITNEY	
1938	.20)	10)	BOISE TRUST CO.	SOMERMEIR
	.20)	10)		FALK
1940	1.00	50	W. F. TRACY	
1942	.70	35	S. E. SMITH	
1943	2.00	100	W. W. HOWELL	LARSON-HAMMING-BUDGE TRACTS
1944	.60	30	D. W. BALDWIN	
1946	.68	34	W. W. HOWELL	EARL-FEWKES-STARK-KYLE
1946	2.00	100	W. W. HOWELL	REX JENSEN (BOISE-KUNA IRRIG.)
1946	.60	30	W. W. HOWELL	MRS. EDITH CURTIS
1947	.90	45	W. W. HOWELL	SIMPSON-DEMOND-SIMPSON
1947	.54	27	W. W. HOWELL	J. S. BEEBE
1947	.64	32	R. M. TUCKER	
1948	1.34	67	W. W. HOWELL	DOTY-ERQUIAGA-ODERMOTT- CALDWELL-STEELE-ROYLANCE

TRANSFERS OF DECREED RIGHTS

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE	DA TRA
	FROM	TO		NO.	DATE		
736	THURMAN MILL	SETTLERS	63-0170	37	6-1-1868	3-9	
737	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	3-9	
739	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-2	
753	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-14	
754	CONSUMERS	MIDDLETON MILL	63-0161	30	5-1-1866	4-14	
790	HILLCREST	NEW YORK	(63-0136	(8	9-1-1864	3-28	
			(63-0137	(45	6-1-1869		
			(63-0233	(96	10-1-1887		
823	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-13-1	
829	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	9-3-1	
871	THURMAN MILL	SETTLERS	63-0169	36	6-1-1868	10-2-1	
872	THURMAN MILL	SETTLERS	63-0169	36	6-1-1868	10-2-1	
873	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-2-1	
890	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-2-1	
906	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-11-1	
917	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-3-1	
918	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1	
940	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1	
976	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	2-15-1	
977	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	1-17-1	
979	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	1-17-1	
980	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1	
989	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1	
990	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-29-1	
991	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-5-1	
1007	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-5-1	
1009	NEW DRY CREEK	DRAIN DITCH	63-0288	73-A	4-1-1880	4-17-1	
1010	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	5-16-1	
1011	CONSUMERS	RIVER	63-0161	30	5-1-1866	6-24-1	
1017	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	6-3-1	
1035	CONSUMERS	MORES CREEK	63-0161	30	5-1-1866	9-28-1	
1038	CONSUMERS	PHYLLIS	63-0161	30	5-1-1866	9-4-1	
1048	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	10-28-1	
1059	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	5-18-1	
1074	MORES CREEK	NEW YORK	63-0161	30	5-1-1866	10-28-1	
1855	MANVILLE & LEONARD	FARMERS UNION	63-0164B	32	6-1-1866	10-13-1	
						11-17-1	

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	
37	6-1-1868	3-9-1949	1.00	50	AIRCRAFT SERVICE CO.	
30	5-1-1866	3-9-1949	1.10	55	W. W. HOWELL	
30	5-1-1866	4-2-1949	.15	7.5	W. W. HOWELL	
30	5-1-1866	4-14-1950	.46	23	J. R. FIELD	8"
(8	9-1-1864	4-14-1950	.40	20	J. R. FIELD	BR
(45	6-1-1869	3-28-1952	21.54	1077	FOREST SOWER	
(96	10-1-1887					
30	5-1-1866	7-13-1954	6.00	300	G. S. TAYLOR	BOI
30	5-1-1866	9-3-1954	.48	24	G. S. TAYLOR	10"
36	6-1-1868	10-2-1956	.288	14.4	J. FRANK BRYCE	
36	6-1-1868	10-2-1956	.22	11	GEORGE D. KEYSER, JR.	
30	5-1-1866	10-2-1956	.20	10	G. S. TAYLOR	THEO
30	5-1-1866	7-11-1957	.10	5	FRANCIS H. NEITZEL	R. S
30	5-1-1866	4-3-1958	.10	5	FRANK NEITZEL	R. W
30	5-1-1866	12-15-1958	.20	10	FRANCIS H. NEITZEL	MAW-
30	5-1-1866	12-15-1958	.025	1.25	FRANCIS H. NEITZEL	H. P
30	5-1-1866	2-15-1960	.05	2.5	FRANK NEITZEL	EARL
30	5-1-1866	1-17-1962	1.50	75	G. S. TAYLOR	SYMM
30	5-1-1866	1-17-1962	.20	10	G. S. TAYLOR	EVERI
30	5-1-1866	2-23-1962	.10	5	G. S. TAYLOR	R. E.
30	5-1-1866	2-23-1962	.12	6	G. S. TAYLOR	CHESN
30	5-1-1866	5-29-1962	.20	10	G. S. TAYLOR	THEO
30	5-1-1866	7-5-1962	.08	4	G. S. TAYLOR	LYLE
30	5-1-1866	7-5-1962	.16	8	G. S. TAYLOR	CHARL
30	5-1-1866	4-17-1963	1.00	50	G. S. TAYLOR	GLENN
73-A	4-1-1880	5-16-1963	.10	5	NEW DRY CREEK	R. B.
30	5-1-1866	6-24-1963	2.00	100	G. S. TAYLOR	JOHN D
30	5-1-1866	6-3-1963	3.00	150	G. S. TAYLOR	SURPRI
30	5-1-1866	9-28-1963	.60	30	G. S. TAYLOR	FRANCI
30	5-1-1866	9-4-1964	2.00	100	G. S. TAYLOR	CARL N
30	5-1-1866	10-28-1964	21.715	1085.75	G. S. TAYLOR	PIONEER
33	6-1-1866	5-18-1965	.0875	4.38	BOISE CITY CANAL	LEATHER
33	6-1-1866	10-28-1965	.10	5	BOISE CITY CANAL	W. T. &
30	5-1-1866	10-13-1966	2.00	100	CARL NICHOLSON	AVALON
32	6-1-1866	11-17-1975	1.80	90.0	SYRINGA GARDENS	

<u>DATE OF TRANSFER</u>	<u>QUANTITY IN CFS</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
3-9-1949	1.00	50	AIRCRAFT SERVICE CO.	
3-9-1949	1.10	55	W. W. HOWELL	
4-2-1949	.15	7.5	W. W. HOWELL	
-14-1950	.46	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
-14-1950	.40	20	J. R. FIELD	BRINK TRACT
1-28-1952	21.54	1077	FOREST SOWER	
7-13-1954	6.00	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
9-3-1954	.48	24	G. S. TAYLOR	10"-GOLDEN KENT, 14"-EDMUND BUCKLEY
10-2-1956	.288	14.4	J. FRANK BRYCE	
10-2-1956	.22	11	GEORGE D. KEYSER, JR.	
10-2-1956	.20	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
7-11-1957	.10	5	FRANCIS H. NEITZEL	R. S. POTTER TRACT
4-3-1958	.10	5	FRANK NEITZEL	R. W. WHITE TRACT
12-15-1958	.20	10	FRANCIS H. NEITZEL	MAW-SPRAGUE TRACT
12-15-1958	.025	1.25	FRANCIS H. NEITZEL	H. P. IRBY TRACT
2-15-1960	.05	2.5	FRANK NEITZEL	EARL M. & DELLA LUKEHART TRACT
1-17-1962	1.50	75	G. S. TAYLOR	SYMMES FRUIT RANCH, INC.
1-17-1962	.20	10	G. S. TAYLOR	EVERET RAMBO TRACT
2-23-1962	.10	5	G. S. TAYLOR	R. E. & DAISY M. THOMPSON TRACT
2-23-1962	.12	6	G. S. TAYLOR	CHESNEY LITTLE TRACT
5-29-1962	.20	10	G. S. TAYLOR	THERION E. CHRISTENSEN TRACT
7-5-1962	.08	4	G. S. TAYLOR	LYLE F. TRAPP TRACT
7-5-1962	.16	8	G. S. TAYLOR	CHARLES G. HYDE TRACT
4-17-1963	1.00	50	G. S. TAYLOR	GLENN DRAPER
5-16-1963	.10	5	NEW DRY CREEK	R. B. BETTY
6-24-1963	2.00	100	G. S. TAYLOR	JOHN DOBSON
6-3-1963	3.00	150	G. S. TAYLOR	SURPRISE VALLEY FARMS
9-28-1963	.60	30	G. S. TAYLOR	FRANCIS HERMAN TRACT
9-4-1964	2.00	100	G. S. TAYLOR	CARL NICHOLSON
10-28-1964	21.715	1085.75	G. S. TAYLOR	PIONEER IRRIGATION DIST.
5-18-1965	.0875	4.38	BOISE CITY CANAL	LEATHERMAN & BINGMAN
10-28-1965	.10	5	BOISE CITY CANAL	W. T. & HATTIE M. SPRINGER
10-13-1966	2.00	100	CARL NICHOLSON	AVALON ORCHARD TRACTS
11-17-1975	1.80	90.0	SYRINGA GARDENS	

STEWART DECREE

CHART NO. 24

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
1	6-1-1864	THOMAS DAVIS	2.20	110	63-0120
2	6-1-1864	JACOBS CANAL CO.	20.00	1000	63-0123
3	6-1-1864	MIDDLETON MILL DITCH	12.80	640	63-0124
4	6-1-1864	THOMAS ANDREWS	3.30	165	63-0127
5	6-1-1864	CATLIN & MACE	2.86	143	63-0132
6	6-1-1864	T. C. CATLIN	3.30	165	63-0134
7	6-1-1864	C. C. HAVIRD	3.30	165	63-0135
8	9-1-1864	PIONEER DIXIE DITCH CO.	20.00	1000	63-0136
9	6-1-1865	SIEBENBERG DITCH CO.	13.42	671	63-0138
10	6-1-1865	ALLEN V. WEBSTER	1.20	60	63-0139
11	6-1-1865	J. F. YARYAN	.66	33	63-0141
12	6-1-1865	GRAHAM & GILBERT	4.40	220	63-0144
13	6-1-1865	EUREKA WATER CO.	33.32	1666	63-0145
14	6-1-1865	NEW UNION DITCH CO.	13.76	688	63-0146
15	6-1-1865	BOISE VALLEY IRRIGATION DITCH CO.	54.58	2729	63-0147
16	6-1-1865	RIDENBAUGH & ROSSI	9.20	460	63-0148
17	6-1-1865	RIDENBAUGH & ROSSI (POWER)	265.80	13290	63-0149
18	6-1-1865	DENVER & IDAHO LAND CO.	.80	40	63-0150
19	6-1-1865	MARTHA BOWMAN	2.88	144	63-0151
20	6-1-1865	BIRD BOWMAN	6.40	320	63-0152
21	6-1-1865	G. W. GESS	2.90	145	63-0153
22	6-1-1865	ROBERT MCGUIRE	3.20	160	63-0154
23	6-1-1865	C. W. COOPER	3.20	160	63-0155
24	6-1-1865	J. W. ROLAND	2.40	120	63-0156
25	6-1-1865	DRAPER & WELLS	3.94	197	63-0157
26	6-1-1865	THOMAS J. PALMER	1.60	80	63-0158
27	6-1-1865	NOAH W. PALMER	1.58	79	63-0159
28	6-1-1865	J. N. TUCKER	7.00	350	63-0160
29	6-1-1865	THOMAS ANDREWS	6.00	300	63-0128
30	5-1-1866	J. PERRAULT & R. JOHNSON	50.00	2500	63-0161
31	6-1-1866	WILLIAM P. KENNEDY	2.60	130	63-0163
32	6-1-1866	MANVILLE & LEONARD	3.50	175	63-0164
33	6-1-1866	BOISE CITY CANAL CO.	38.06	1903	63-0165
34	7-3-1866	FRANKLIN DITCH CO.	15.40	770	63-0166
35	6-1-1867	CANYON COUNTY WATER CO.	75.80	3790	63-0168
36	6-1-1868	MARTHA E. MCCARTY	14.10	705	63-0169
37	6-1-1868	H. D. DORA GOODMAN	3.70	185	63-0170
38	6-1-1868	T. T. JOHNSON	3.20	160	63-0171
39	6-1-1868	ROSS, ALLEN, DILLEY & ROSS	8.54	427	63-0172
40	6-1-1868	S. S. GRAY	1.40	70	63-0173
41	6-1-1869	JOHN MAMMON	1.80	90	63-0174
42	6-1-1869	ISAAC BEDAL	1.60	80	63-0176
43	6-1-1869	FREDERICK ODE	3.60	180	63-0177
44	6-1-1869	PRIOR BURNETT	8.50	425	63-0178
45	6-1-1869	PIONEER DIXIE DITCH CO.	35.44	1772	63-0137

STEWART DECREE

CHART NO. 24

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
46	6-1-1869	MASON CREEK DITCH CO.			
47	6-1-1869	T. W. BOONE	37.20	1860	63-0179
48	6-1-1870	W. J. HAMMING	3.50	175	63-0180
49	6-1-1870	PIONEER CANAL	2.60	130	63-0182
50	6-1-1870	BARBER LUMBER CO.	25.72	1286	63-0183
51	6-1-1870	THOMAS ANDREWS	2.24	112	63-0184
52	6-1-1871	CATLIN & MACE	1.30	65	63-0129
53	6-1-1871	PETER MEEVES	7.86	393	63-0133
54	6-1-1871	MIDDLETON MILL DITCH CO.	1.80	90	63-0185
55	6-1-1872	J. F. YARYAN	33.70	1685	63-0125
56	6-1-1872	J. F. YARYAN	.70	35	63-0142
57	6-1-1872	MARY C. DAVIS	1.40	70	63-0143
58	6-1-1872	EDWARD N. HART	4.40	220	63-0186 ✓
59	6-1-1874	T. W. BOONE	3.30	165	63-0187
60	6-1-1875	FARMERS COOPERATIVE DITCH CO.	2.20	110	63-0181
61	6-1-1876	EDWARD & MARY CLARK	10.00	500	63-0188
62	6-1-1876	JOHN CECIL	2.30	115	63-0192
63	6-1-1877	THOMAS AIKENS	.44	22	63-0193
64	6-1-1877	W. H. CONWAY	5.20	260	63-0194
65	6-1-1877	MIDDLETON WATER CO.	.90	45	63-0196
66	7-1-1877	PERRAULT & JOHNSON (POWER)	114.08	5704	63-0198
67	5-1-1878	NAMPA MERIDIAN IRRIGATION DISTRICT	200.00	10000	63-0162
68	6-1-1878	JOHN MAMMON	170.00	8500	63-0199
69	6-1-1878	JULIA MAMMON	4.20	210	63-0175
70	6-1-1878	CHARLES ALLEN	3.36	168	63-0201
71	6-1-1878	R. H. STOCKTON	8.80	440	63-0202
72	6-1-1879	NEW DRY CREEK DITCH CO.	4.40	220	63-0203
73	6-1-1879	D. MUMFORD	31.32	1566	63-0205
74	6-1-1880	SMITH STOCKTON	4.00	200	63-0208
75	7-1-1880	ISHAM JOPLIN	1.76	88	63-0209
76	10-20-1880	JOSEPH GOBLE	2.40	120	63-0210
77	10-29-1880	FRANKLIN DITCH CO.	.90	45	63-0211
78	6-1-1882	ALLEN V. WEBSTER	27.60	1380	63-0167
79	6-1-1882	SUSIE CAMPBELL	.90	45	63-0140
80	6-1-1882	J. T. BARBER	.60	30	63-0212
81	6-1-1882	SONORA JOPLIN	1.60	80	63-0213
82	6-1-1882	S. W. HUTCHINSON	3.40	170	63-0214
83	6-1-1882	JOHNSON	.44	22	63-0217
84	6-1-1882	ANDREW J. JOPLIN	.44	22	63-0218
85	6-1-1882	JAMES L. GRAHAM	2.86	143	63-0219
86	6-1-1883	FARMERS COOPERATIVE DITCH CO.	2.20	110	63-0220
87	6-1-1883	FRANCIS M. JOPLIN	20.00	1000	63-0189
88	6-1-1883	W. A. BLACK	.90	45	63-0221
89	11-9-1883	EUREKA DITCH CO. NO. 2	12.00	600	63-0222
90	6-1-1884	PIONEER IRRIGATION DISTRICT	21.70	1085	63-0223
			53.10	2655	63-0371

STEWART DECREE

CHART NO. 24

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
91	6-1-1884	RIVERSIDE IRRIGATION DISTRICT			
92	10-17-1884	SETTLERS CANAL Co.	20.00	1000	63-0226
93	6-1-1886	NEW DRY CREEK DITCH	99.06	4953	63-0230
94	6-1-1886	THOMAS DAVIS	15.22	761	63-0206
95	1-23-1887	WM. C., L. & E. YOUNG	13.40	670	63-0121
96	10-1-1887	AMERICAN DITCH ASSOCIATION	4.00	200	63-0232
97	6-1-1888	NEW DRY CREEK DITCH Co.	47.80	2390	63-0233
98	6-1-1888	A. V. LINDER	7.86	393	63-0207
99	6-1-1888	LEVI SMITH	4.00	200	63-0234
100	6-1-1888	CHARLOTTE CALHOUN	1.30	65	63-0235
101	6-1-1888	ED. J. LINDER	1.40	70	63-0236
102	6-1-1888	LIZZIE EVERETT	1.46	73	63-0237
103	6-1-1888	JESSE WILSON	1.20	60	63-0238
104	6-1-1888	THOMAS ANDREWS	1.40	70	63-0239
105	7-1-1888	FARMERS COOPERATIVE DITCH Co.	.90	45	63-0130
106	8-20-1888	NAMPA MERIDIAN IRRIGATION DISTRICT	50.00	2500	63-0190
107	5-1-1889	CHARLES H. MILLER	370.84	18542	63-0200
108	5-1-1889	LOOMIS L. HOSLEY	.06	3	63-0240
109	5-1-1889	S. J. UYTER & C. B. TAYLOR	.02	1	63-0241
110	5-1-1889	SOUTH BOISE MUTUAL IRRIGATION Co.	2.40	120	63-0242
111	5-1-1889	ESTATE OF J. H. GALLAGHER	6.00	300	63-0243
112	5-1-1889	ANNIE H. FOGARTY	2.94	147	63-0244
113	5-1-1889	GRACE CALL	.05	2.5	63-0245
114	5-1-1889	SAMUEL H. CANFIELD	.10	5	63-0246
115	5-1-1889	SONORA JOPLIN	.03	1.5	63-0247
116	6-1-1889	SONORA JOPLIN	.06	3	63-0215
117	6-1-1889	SONORA JOPLIN	1.20	60	63-0216
118	9-1-1890	PIONEER IRRIGATION DISTRICT	200.00	10000	63-0224
119	6-1-1891	W. H. CONWAY	2.20	110	63-0197
120	6-1-1891	THOMAS DAVIS	.54	27	63-0122
121	6-1-1891	MIDDLETON MILL DITCH Co.	17.00	850	63-0126
122	6-1-1891	THOMAS ANDREWS	3.50	175	63-0131
123	6-1-1891	SETTLERS CANAL Co.	73.44	3672	63-0231
124	6-1-1891	THOMAS AIKEN	.80	40	63-0195
125	5-1-1893	RIVERSIDE IRRIGATION DISTRICT	80.00	4000	63-0227
126	6-1-1894	R. H. STOCKTON	1.76	88	63-0204
127	7-2-1894	FARMERS UNION DITCH Co.	110.00	5500	63-0248
128	5-1-1895	CHARLES REIN & JANE KEOH	1.00	50	63-0249
129	7-1-1895	MATHEW CASEY	.66	33	63-0250
130	7-1-1896	FARMERS COOPERATIVE DITCH Co.	83.50	4175	63-0191
131	10-1-1899	RIVERSIDE IRRIGATION DISTRICT	20.00	1000	63-0228
132	3-23-1900	NEW YORK CANAL Co.	219.10	10955	63-0251
133	5-17-1900	CANYON DITCH Co.	10.00	500	63-0369
134	6-1-1901	RIVERSIDE IRRIGATION DISTRICT	70.00	3500	63-0229
135	10-25-1901	CANYON DITCH Co.	5.54	277	63-0252
136	4-1-1904	PIONEER IRRIGATION DISTRICT	56.34	2817	63-0225

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.
AIXEN			63	6-1-1877	5.20			260 5.20
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
BAXTER DITCH			73-B	1880		3.20		150
	127		20	6-1-1865	.80			40 4.00
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		STEWART DECREE	AMOUNT DECREE			TOTAL SEC. FT.
			NO.	DATE		INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
BOISE VALLEY									
LICENSED RIGHT #15242		243	13	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	.20			45	9.38
			96	10-1-1887	.70				
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	
			B-B	4-1-1865		1.80		90	
			B-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		STEWART DECREE	AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE		INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
CALDWELL HIGH LINE			34	6-1-1866	15.40				
			46	6-1-1869	37.20			770	
			77	10-29-1880	27.60			1860	
	29*		46	6-1-1869	1.00*			1380	
								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*	
	34*		35	6-1-1867	1.11*			55.5*	
	59		31	6-1-1866	2.60			130	
	75		35	6-1-1867	.50			25	
	147		35	6-1-1867	.20			10	80.37
CONWAY & HAMMING			48	6-1-1870	2.60			130	
			64	6-1-1877	.90			45	
			118	6-1-1891	2.20			110	5.70
DAVIS (LITTLE DAVIS)			94	6-1-1886	13.40			670	
			119	6-1-1891	.54			27	13.94
EUREKA NO. 1									
			13	6-1-1865	33.32			1666	33.32

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 23

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	
EUREKA No. 2									
	47		89	11-9-1883	21.70				
	62		96	10-1-1887	29.50			1085	
	71		96	10-1-1887	1.00			1475	
	85		24	6-1-1865	.80			50	
			24	6-1-1865	.50			40	
		111*	96	10-1-1887	1.20*			25	
	131*		89	11-9-1883	.70*			60*	
	159		24	6-1-1865	.10			35*	
	175		88	6-1-1883	1.70			5	
	224*		89	11-9-1883	.20*			85	
			96	10-1-1887	.70*			10*	
	225*		89	11-9-1883	.60*			35*	
	287*		89	11-9-1883	1.40*			90*	
	289*		89	11-9-1883	.50*			70*	
								25*	50.00
FARMERS UNION									
			126	7-2-1894	110.00			5500	
			136	2	6-1-1864	20.00		1000	
			370	33	6-1-1866	1.124		56.2	
			373	33	6-1-1866	.374		18.7	
			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	
			391	31	6-1-1864				
				54)	6-1-1871	.15		7.5	
			393	31	6-1-1864				
				54)	6-1-1871	.288		14.4	
			120)	6-1-1891					
			395	65	6-1-1877	.50		25	
			430*	65	6-1-1877	.25*		12.5*	
				65	6-1-1877	.80		40	
	84		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	
			1855	32	6-1-1866	1.80		90	
									193.2995
GRAHAM & GILBERT									
			12	6-1-1865	4.40			220	4.40

*SUBTRACT

STEWART AND BRYAN DECREE 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	
HAAS DITCH	176		39	6-1-1868	8.54			
			70	6-1-1878	8.80			427
								440 17.34
HART & DAVIS	38*) 39*)		6	6-1-1864	3.30			165
			57	6-1-1872	4.40			220
			58	6-1-1872	3.30			165
			57	6-1-1872	1.04*			52*
								9.96
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
LEMP DITCH			8-C	1865		6.00		300 6.00
LITTLE PIONEER	1575		49	6-1-1870	25.72			1286
			31-C	6-1-1866		1.10		55 26.82
LOWER CENTER POINT	50* 51* 131 245 287		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
			19	6-1-1865	2.88*			144*
			20	6-1-1865	6.40*			320*
			89	11-9-1883	.70			35
			89	11-9-1883	.60			30
			89	11-9-1883	1.40			70 19.60

*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	
MACE & CATLIN	179*		5	6-1-1864	2.86			143	
			52	6-1-1871	7.86			393	
			51	6-1-1864					
			52)	6-1-1871	.24*			12*	
			138	6-14-1912		.44		22	10.92
MACE & MACE			137	5-1-1909		1.76		88	1.76
MAMMON	176*		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	
			70	6-1-1878	8.80*			440*	9.36
MEEVES			53	6-1-1871	1.80			90	1.80
MIDDLETON MILL	54 75* 147*		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	
			35	6-1-1867	1.11			55.5	
			35	6-1-1867	.50*			25*	
			35	6-1-1867	.20*			10*	
		300*	3)	6-1-1864					
			54)	6-1-1871	.35*			17.5*	
			120)	6-1-1891					
		301*	3)	6-1-1864					
			54)	6-1-1871	1.54*			77*	
			120)	6-1-1891					
		347*	3	6-1-1864	.14*			7*	
			3	6-1-1864	.14*			7*	
			3	6-1-1864	.14*			7*	
		350*	3)	6-1-1864					
			54)	6-1-1871	.15*			7.5*	
			3)	6-1-1864					
		393*	54)	6-1-1871	.288*			14.4*	
			120)	6-1-1891					
			30	5-1-1866	.40			20	
		754	123-A	5-15-1893		1.60		80	64.562

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CHART NO. 25

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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	
NEW YORK			131	3-23-1900	219.10			10955	
				3-23-1900				2943	
				12-14-1903			58.86	67729	
				6-16-1909			1354.58	46325	
		(790-111)	8	9-1-1864	20.34		926.50	1017	
			45	6-1-1869				60	
		(790-111)	96	10-1-1887	1.20			445	
		466	106	8-20-1888	8.90			100	
		701	30	5-1-1866	2.00			300	
		823	30	5-1-1866	6.00			75	
		976	30	5-1-1866	1.50			50	
		1007	30	5-1-1866	1.00			100	
		1010	30	5-1-1866	2.00			30	
		1017	30	5-1-1866	.60			100	
		1074	30	5-1-1866	2.00			30	
								100	2604.58
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				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	
						STEWART DECREE	BRYAN DECREE		
PIONEER DIXIE			8	9-1-1864	20.00				
			45	6-1-1869	35.44			1000	
	36-A		96	10-1-1887	2.00			1772	
	48		96	10-1-1887	4.20			100	
	62*		96	10-1-1887	1.00*			210	
		111*	8)	6-1-1864				50*	
			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*		8)	6-1-1864					
			45)	6-1-1869	2.00*			100*	
	148*		96	10-1-1887	3.00*			150*	
				7-9-1914			20.90	1045	58.50
	RIDENBAUGH (NAMPA & MERIDIAN)			67	5-1-1878	170.00			8480
			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	
		1711*	67	5-1-1878	.40*				534.74
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-E4-15	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	3139	
				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*	
	35		8)	9-1-1864				100	
			45)	6-1-1869	2.00			85*	290.374
	175*		88	6-1-1883	1.70*				
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 NO.	PRIORITY DATE	AMOUNT DECREED			
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL INCHES SEC. FT.
ROSSI MILL		16	6-1-1865	9.20			
		18	6-1-1865	.80			460
							40 10.00
SEBREE (FARMERS CO-OP)		60	6-1-1875	10.00			
		86	6-1-1883	20.00			500
		105	7-1-1888	50.00			1000
		129	7-1-1896	83.50			2500
			4-1-1905				4175
		717	9 6-1-1865	.64		154.45	7722
							32 318.59

*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
SETTLERS			92	10-17-1884	99.06			
			122	6-1-1891	73.44			4953
		347	3	6-1-1864	.14			3672
		349	3	6-1-1864	.14			7
		350	3	6-1-1864	.14			7
		357	65	6-1-1877	.20			7
		412	81	6-1-1882	.40			10
	76		85-B	4-1-1883		1.00		20
	83		85-A	6-1-1882		.72		50
		430	65	6-1-1877	.25			36
		595	1	6-1-1864	.20			12.5
		654	30	5-1-1866	.50			10
					1.00			25
					.50			50
		694	30	5-1-1866	.16			25
					.12			8
					.14			6
					.26			7
		702	30	5-1-1866	.60			13
		712	30	5-1-1866	.20			30
					.20			10
					.50			10
		720	30	5-1-1866	1.34			25
		736	37	6-1-1868	1.00			67
		737	30	5-1-1866	1.10			50
		739	30	5-1-1866	.15			55
		753	30	5-1-1866	.46			7.5
		829	30	5-1-1866	.48			23
		871	36	6-1-1868	.288			24
		872	36	6-1-1868	.22			14.4
		873	30	5-1-1866	.20			11
		890	30	5-1-1866	.10			10
		906	30	5-1-1866	.10			5
		917	30	5-1-1866	.20			5
		918	30	5-1-1866	.025			10
		940	30	5-1-1866	.05			1.25
		977	30	5-1-1866	.20			2.5
		979	30	5-1-1866	.10			10
		980	30	5-1-1866	.12			5
		989	30	5-1-1866	.20			6
		990	30	5-1-1866	.03			10
		991	30	5-1-1866	.16			4
		1711	67	5-1-1878	.40			8
								20
								186.843
SEVEN SUCKERS	38)	(58 & 57)	6-1-1872		1.04			52
	39)	5)	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				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS		INCHES	
						STEWART DECREE	BRYAN DECREE		
SIEBENBERG									
		105*	9	6-1-1865	13.42			671	
		717*	9	6-1-1865	.50*			25*	
			9	6-1-1865	.64*			32*	12.28
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*	
	85*		24	6-1-1865	.50*			25*	
	148		96	10-1-1887	3.00			150	
	159*		24	6-1-1865	.10*			5*	
	289		89	11-9-1883	.50			25	14.82

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

<u>NAME OF CANAL</u>	<u>CHANGE IN P. OF D.</u>	<u>TRANSFER</u>	<u>PRIORITY NO.</u>	<u>DATE</u>	<u>AMOUNT DECREED</u>			
					<u>STEWART DECREE</u>	<u>STEWART DECREE</u>	<u>BRYAN DECREE</u>	<u>TOTAL SEC. FT.</u>
WARM SPRINGS DITCH			61	6-1-1876	2.30			
			82	6-1-1882	.44			
			83	6-1-1882	.44			
			84	6-1-1882	1.36			
			85	6-1-1882	2.20			
			81	6-1-1882	.80			
			115	6-1-1889	.06			
			116	6-1-1889	1.20			
								8.80

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	JACOBS CANAL CO.	1	2.20	1.65	1.32	1	1323	1632
3	MIDDLETON MILL DITCH CO.	1	20.00	20.00	20.00	21		
4	THOMAS ANDREWS	1	12.80	9.60	7.68	29	1325	1635
5	CATLIN & MACE	3	3.30	2.48	1.98	31		
6	T. C. CATLIN	1	2.86	2.15	1.72	33	1325	1636
7	C. C. HAVIRD	1	3.30	2.48	1.98	35	1326	1637
8	PIONEER DIXIE DITCH CO.	1	3.30	2.48	1.98	37	1326	1638
8A	ADOLPH BAHLER	2	20.00	15.00	12.00			
8B	FIRST NAT'L BANK OF PUEBLO	1	.80	.60	.48		1327	
8C	LOUISE SIMONSON	1	1.80	1.35	1.08	38	1327	
8D	S.G. HARDIES & AMELIA EISLEY	1	6.00	4.50	3.60	42		
9	SIEBENBERG	1	.50	.38	.30			
10	ALLEN V. WEBSTER	2	13.42	10.07	8.05			
11	J. F. YARYAN	1	1.20	.90	.72	43	1327	1639
12	GRAHAM & GILBERT	1	.66	.50	.40		1327	
13	EUREKA WATER CO.	1	4.40	3.30	2.64	46	1328	1640
14	NEW UNION DITCH CO.	1	33.32	24.99	19.99	66	1333	1648
15	BOISE VALLEY IRRIG. CO.	1	13.76	10.32	8.26	74	1335	1652
16	RIDENBAUGH & ROSSI	1	54.58	40.94	32.75	107	1343	1665
17	RIDENBAUGH & ROSSI (POWER)	1	9.20	6.90	5.52	112	1345	1667
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			
*30	J. PERRAULT & R. JOHNSON	1	50.00	50.00	50.00	163		
31	WILLIAM P. KENNEDY	1	2.60	1.95	1.56	164		
31A	WM. MUSSER	1	2.30	1.73	1.38	166	1345	1669
31B	MINNIE & JERRY COUZENS	1	.60	.45	.36			
31C	ALBERT C. BOWERMAN	1	1.10	.83	.66			
32	MANVILLE & LEONARD	1	3.50	2.63	2.10	168	1346	1670
33	BOISE CITY CANAL CO.	1	38.06	28.55	22.83	191	1352	1679
34	FRANKLIN DITCH CO.	1	15.40	11.55	9.24	200	1354	1683
35	CANYON COUNTY WATER CO.	1	75.80	56.85	45.48	246	1365	1702
35A	RALPH T. KNIGHT	1	1.76	1.32	1.06	247		1703
36	MARTHA E. MCCARTHY	1	14.10	10.58	8.46	255	1368	1706
37	H. D. & DORA GOODMAN	1	3.70	2.78	2.22	257	1368	1707

*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		
43	FREDERICH ODE	2	3.60	2.70	2.16		1369	1708
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	3.90	2.93	2.34	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	2.90	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			
71A	ISLAND HIGHLINE DITCH CO.	3	3.00	2.25	1.80			
72	NEW DRY CREEK DITCH CO.	1	31.32	23.49	18.79	530	1436	1824
73	D. MUMFORD	2	4.00	3.00	2.40			
73A	GOBLE & SONGER	1	.54	.41	.32			
73B	ALBERT LEMP ET AL	3	3.20	2.40	1.92			
74	SMITH STOCKTON	3	1.76	1.32	1.06			
74A	C. B. FRANK	1	1.816	1.36	1.09	530	1437	1825
75	ISHAM JOPLIN	1	2.40	1.80	1.44	533	1437	1825
76	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			
77A	GUS A. BARTH	3	1.60	1.20	.96	550	1441	1832
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		
107	CHARLES S. MILLER	1	.02	.015	.01	904		
108	LAMMIS L. HOSLEY	1	.02	.015	.01	905		2024
109	S. J. UTTER & C. B. TAYLOR	1	2.40	1.80	1.44	909	1531	2026
110	SOUTH BOISE MUTUAL IRRIG. CO.	1	6.00	4.50	3.60	910		
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			
114A	NEEL & PATRICK O'DONNELL	3	1.60	1.20	.96	910		
114B	GUS A. BARTH	3	.80	.60	.48			2027
115	SONORA JOPLIN	1	.06	.05	.04			
116	SONORA JOPLIN	1	1.20	.90	.72	910		
116A	ANNA SPENCER	2	.72	.54	.43	911		
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			
118	W. H. CONWAY	1	2.20	1.65	1.32	1031	1562	2077
119	THOMAS DAVIS	1	.54	.41	.32	1032		2078
120	MIDDLETON MILL DITCH	1	17.00	12.75	10.20	1033		
121	THOMAS ANDREWS	3	3.50	2.63	2.10	1043	1565	2082
122	SETTLERS CANAL CO.	1	73.44	55.08	44.06			
123	THOMAS AIKEN	1	.80	.60	.48	1087	1576	2083
123A	OTTO & MARIE MULLER	1	1.60	1.20	.96	1088		2102
124	RIVERSIDE IRRIG. DIST.	2	80.00	60.00	48.00	1089		
124A	W. D. CHARTERS	1	.825	.62	.50			2122
125	R. H. STOCKTON	3	1.76	1.32	1.06	1089		
126	FARMERS UNION DITCH	1	110.00	82.50	66.00	1155	1589	2150
127	CHARLES REIN & JAMES KEOM	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	50% OF DECREE	FLOW TO FILL 50%	FLOW TO FILL 75%	FLOW TO FILL 100%	DEPT. OF WATER ADMINISTRATION
7-2-1894	FARMERS UNION	54.46	40.85	32.68	2306	4071	4323	63-0297
3-23-1900	NEW YORK IRRIGATION DIST. BOISE KUNA IRRIGATION DIST.	58.86	44.15	35.32	2341	4079	4338	63-0378
12-14-1903	UNITED STATES OF AMERICA	1354.58	1015.94	812.75	3154	4283	4877	63-0301
4-1-1905	PIONEER IRRIGATION DIST.	306.56	229.92	183.94	3338	4329	4953	63-0294
4-1-1905	FARMERS COOPERATIVE DITCH CO.	154.45	115.84	92.67	3430	4352	4992	63-0296
4-1-1905	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3434	4353	4993	63-0298
4-1-1908	PIONEER IRRIGATION DIST.	54.50	40.88	32.70	3466	4361	5007	63-0295
4-1-1909	UNITED STATES OF AMERICA	292.50	219.38	175.50				63-0373
6-16-1909	UNITED STATES OF AMERICA	634.00	475.50	380.40	4022	4500	5239	63-0302
6-16-1909	UNITED STATES OF AMERICA	1500.00	(POWER)					63-0367
4-1-1910	** RIVERSIDE IRRIGATION DIST.	63.78	47.84	38.27	4060	4509	5255	63-0299
4-1-1910	** MCMAHON & TEATER	3.36	2.52	2.02	4062	4510	5255	63-0304
1-13-1911	* UNITED STATES OF AMERICA	8000.00	(ARROWROCK STORAGE)				13255	63-0303
4-1-1914	** RIVERSIDE IRRIGATION DIST.	17.70	13.28	10.62			13273	63-0300
7-9-1914	** PIONEER DIXIE DITCH CO.	20.90	15.68	12.54			13294	63-0374
6-25-1938	UNITED STATES OF AMERICA	15000.00	(ARROWROCK STORAGE)					63-3613
12-9-1940	UNITED STATES OF AMERICA	493161.00	(ANDERSON STORAGE)					63-3614
4-12-1963	UNITED STATES OF AMERICA	307000.00	(LUCKY PEAK STORAGE)					63-3618

** DELIVERED FROM RETURN FLOW AFTER JULY 15.

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

