

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1969**

Water Resources

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1969

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

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

BY

DANIEL L. MUSSELMAN
WATERMASTER, BOISE RIVER

C H A R T S

1. Map of Boise River, showing canal diversions.
2. Shows the natural flow of the Boise River by days for the period from 1941 to date. The same information for the period 1895 to 1940 is shown in a revised 1967 report.
3. Shows mean daily flow of Boise River for a 70 year period.
- 3A. Shows natural flow high years.
4. Shows monthly and annual flow of Boise River in acre-feet, for the irrigation years from 1894-95 to date.
5. Daily discharge of all canals (Section 1, 2 and 3) for the irrigation season.
6. Summary chart in acre-feet showing monthly and total canal diversions for the irrigation season.
7. Summary chart showing total annual diversions for all Boise Valley canals beginning 1967. The same information beginning 1915 is shown in previous reports.
8. Shows acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1965. The same information beginning 1916 and 1947 shown in previous reports.
9. Shows acreage under all canals in the Boise Valley.
10. Storage use for the irrigation season.
11. Storage water allocation.
12. Shows daily discharge of all principal tributary streams feeding water to Boise River below Mores Creek for irrigation season.
13. Charts showing entire Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain, by months in acre-feet, for the irrigation season.
15. Shows total discharge of drainage canals in Drainage District No. 2 for the irrigation season.
16. Charts showing total discharge of all drainage canals in Drainage Districts No. 3 and No. 4 for the irrigation season.
17. Summary chart of the return flow to Boise River between the Government Diversion Dam and Snake River for a 15 year period.

C H A R T S

(continued)

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

ORGANIZATION

The Boise River Organization for 1969 was the same that it has been for several years past. It includes a Chairman and Secretary, a Water-master, two Assistants for a few months during the summer, and a part-time Secretary.

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

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

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

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

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

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

DECREES

Stewart Decree:

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

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

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

Bryan Decree:

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

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

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

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

TRIBUTARY GAIN

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

Chart 12 shows the daily discharge of the tributary streams.

NET GAIN

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

RIVER FLUCTUATION

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

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TRIBUTARY GAIN

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

SECTION 2

All water in this section is measured, but operation is more liberal than in Section 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 Sections 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 Reclamation Engineer.

TRANSFERS

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

STEWART DECREE

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

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

STEWART AND BRYAN DECREES GROUPED ALPHEBETICAL BY CANAL HEADINGS

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

BRYAN DECREE

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

WATERSHED

The following is quoted from the 1947 report:

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

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

FLOOD CONTROL

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

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

CANAL REGULATIONS

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

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

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

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

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total flow for the calendar year 1969 was 2,519,304 acre feet and for the irrigation year was 2,568,330 acre feet. Irrigation started about the 1st of April and demand for water reached a peak in May and continued heavy through August. In Section No. 2 and 3 water use was heavy, due mostly to a good return flow. The river flow reached 15,000 c.f.s. in the 1968-69 water year for five days. The highest flow was 15,503 cubic feet per second on May 15, and the lowest flow was (-525) cubic feet per second on October 9. This minus flow was caused by opening and closing the Arrowrock sluice gates. The flow at Lucky Peak was cut out on October 14, which was the end of the irrigation season. The gates were reopened on October 15, to a flow of 100 c.f.s. to pass fish and sanitation water.

STORAGE WATER

As of December 31, there was 314,532 acre feet of water in Anderson Ranch Reservoir, 156,647 in Arrowrock and 56,988 in Lucky Peak. 669 c.f.s. is being released from Anderson Ranch Reservoir, 0 c.f.s. from Arrowrock and 100 c.f.s. from Lucky Peak and 100 c.f.s. passing Diversion Dam. The natural flow on December 31, was 548 c.f.s.

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.

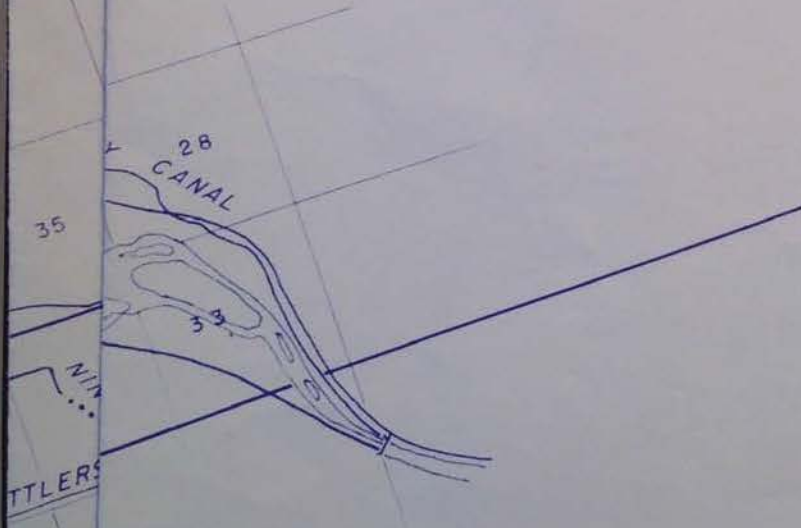
15. That efforts should continue to be made for the construction of protective levees to relieve erosion in certain bad places along the river.

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

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

* * * * *

ersions and Tributaries along Boise River



cember 1967.

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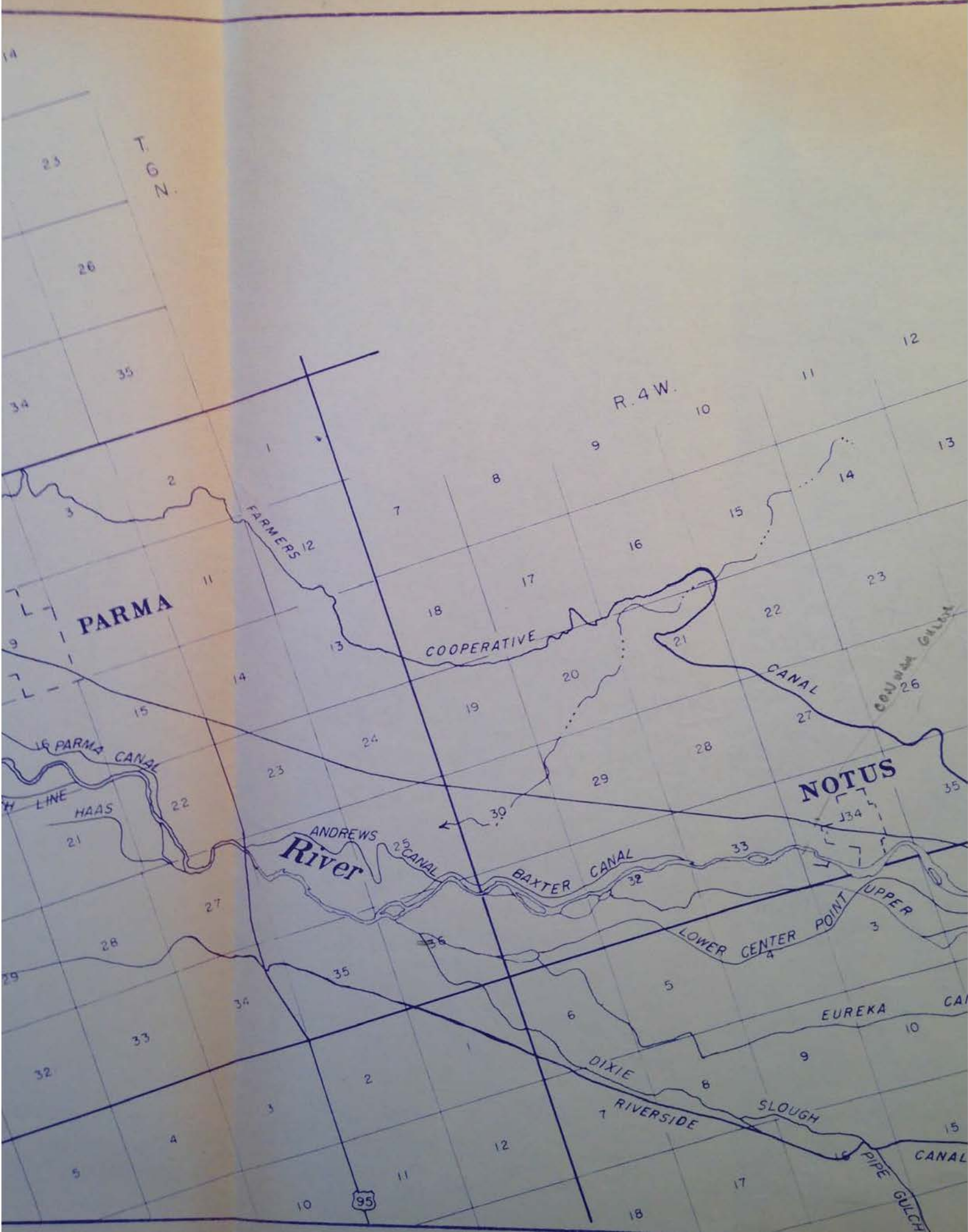
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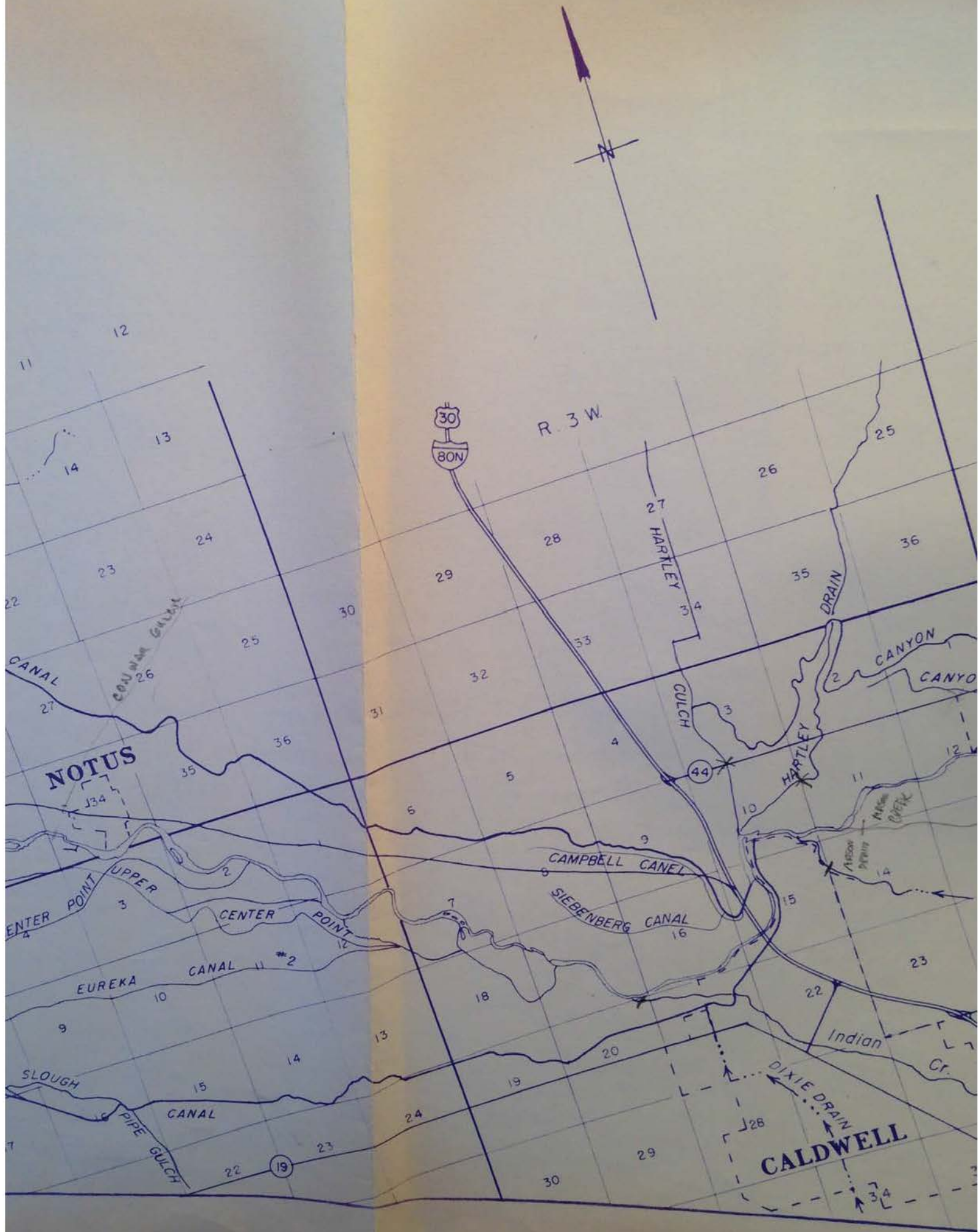
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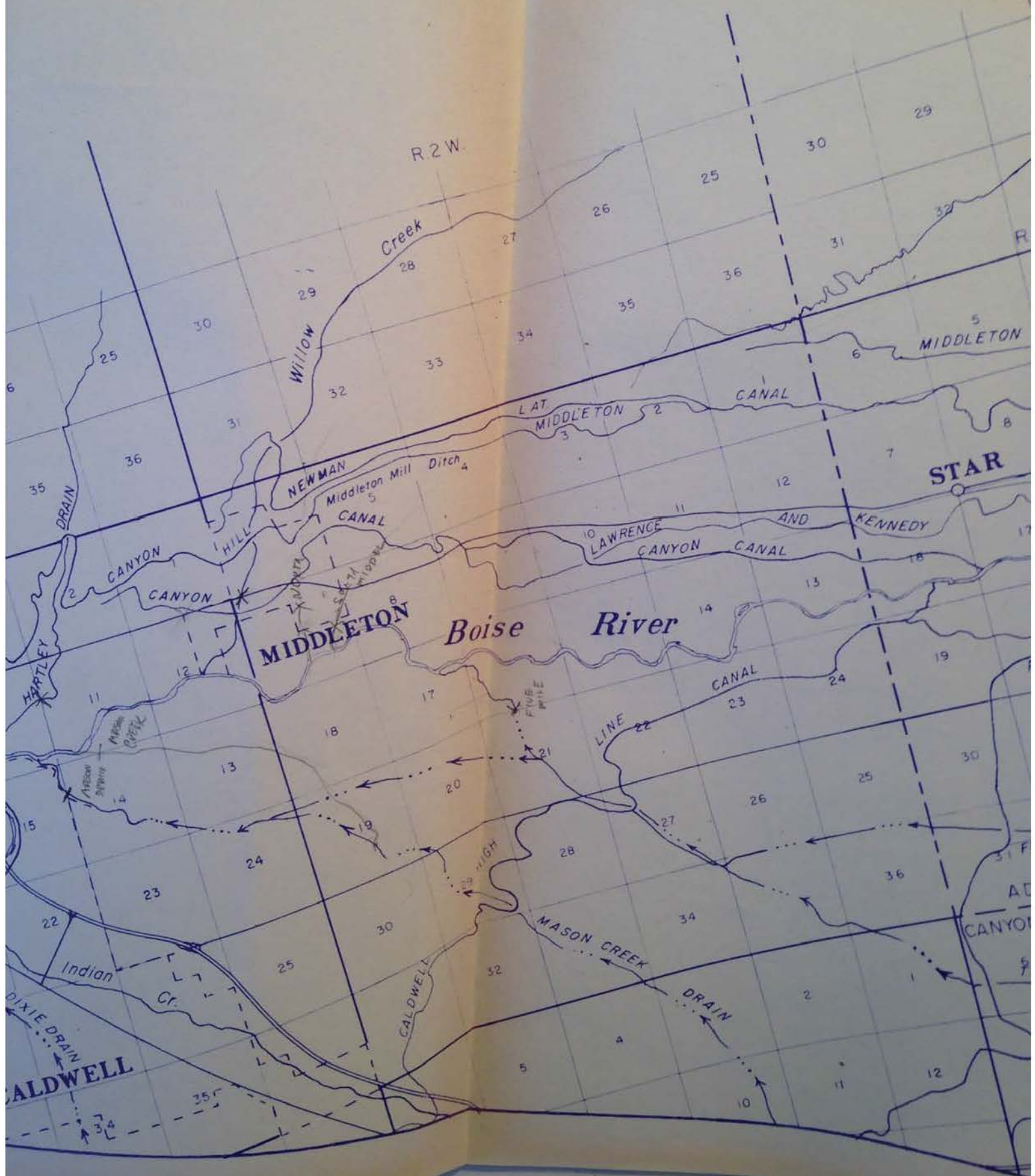
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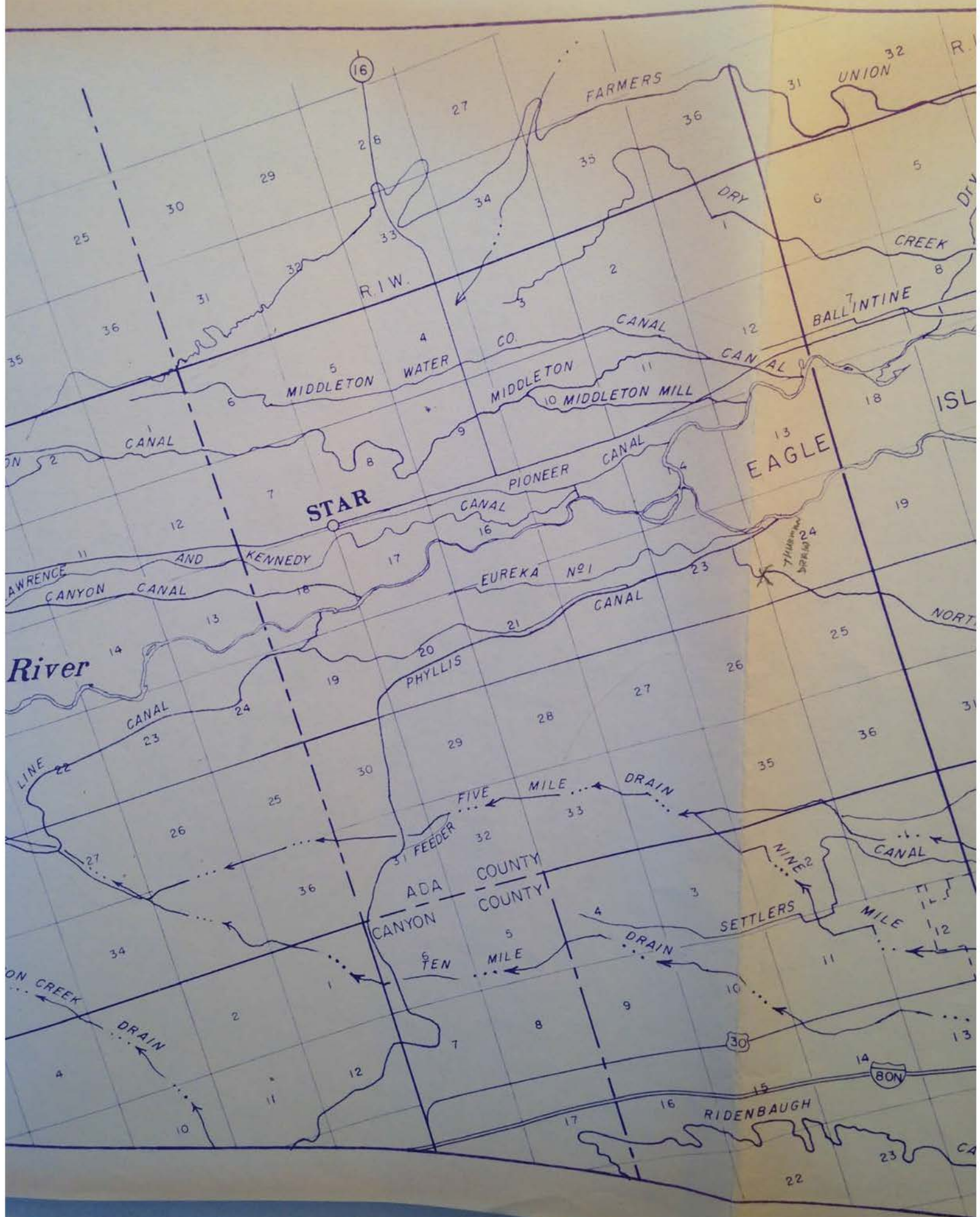
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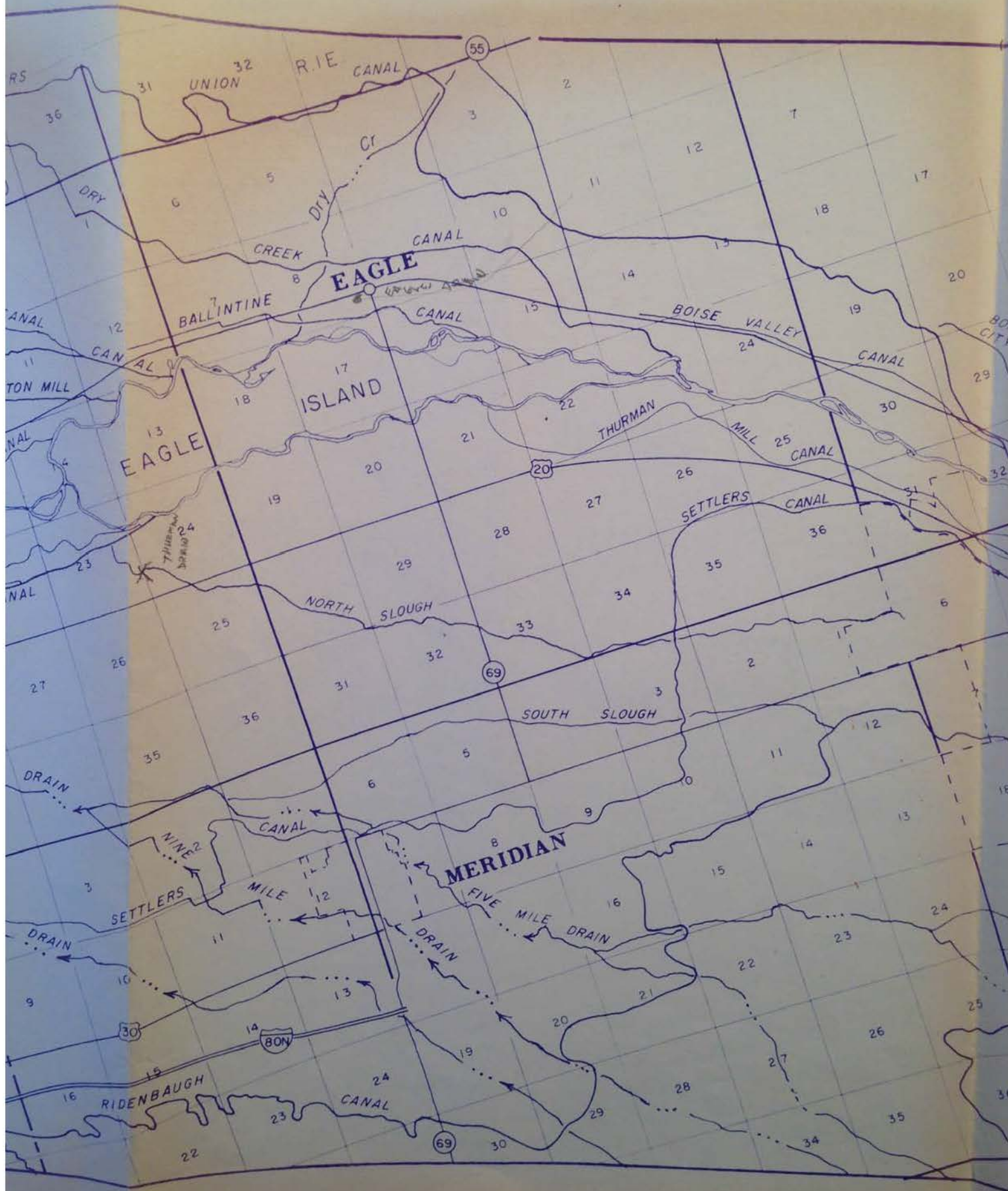
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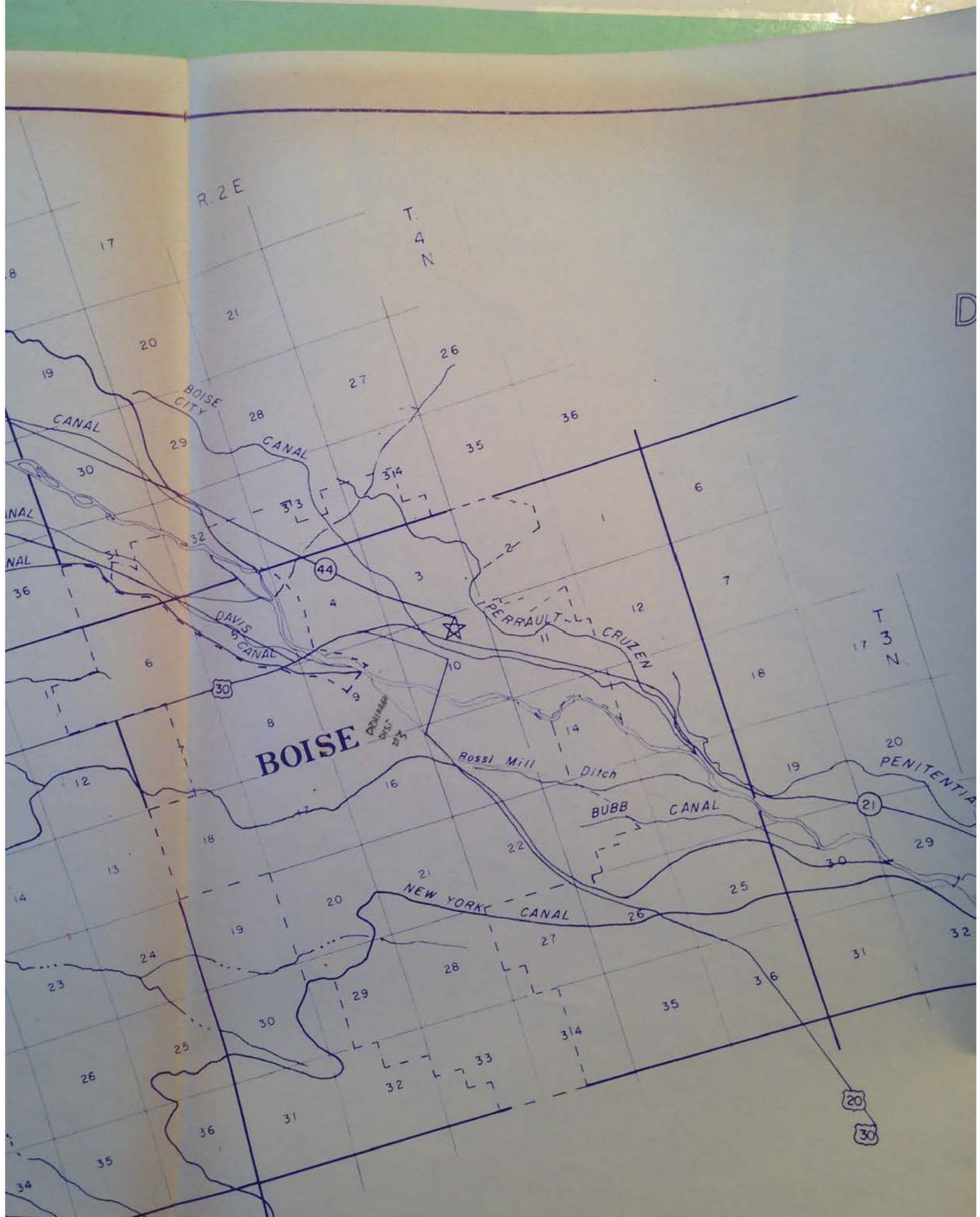






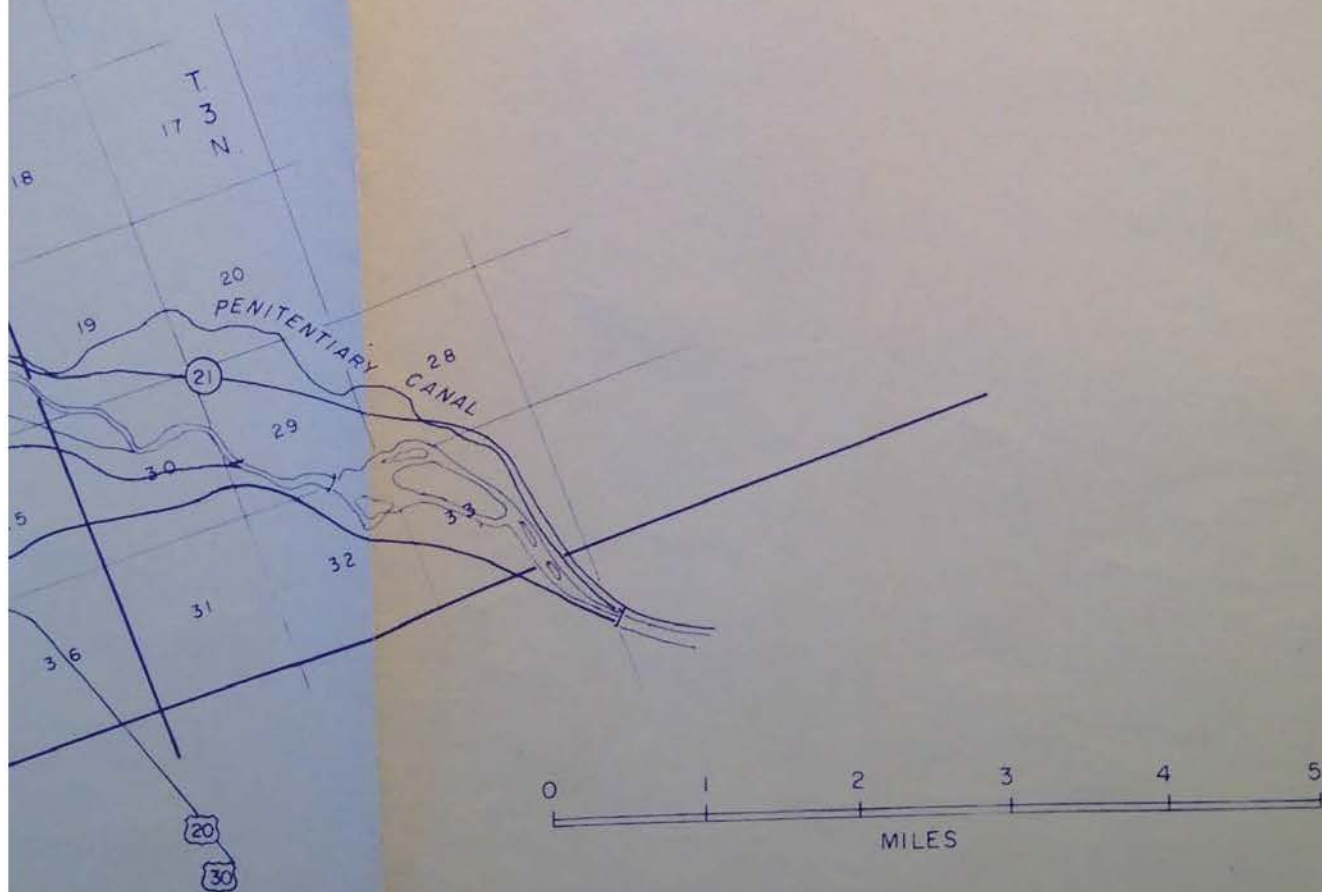






Compiled from US G S. maps and Idaho Dept of Highway maps.

Diversions and Tributaries along Boise River



NATURAL FLOW

BEGINNING

JANUARY

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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JANUARY

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
86	1086	929	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911			27,130
46	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281			31,091
19	1330	1636	1300	1110	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006			76,595
88	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752			24,706
00	1461	1305	1169	1052	1034	1035	704	830	739	663	816	806	737	774	772	684	876			28,135
57	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085			39,765
52	788	733	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	914	920	987	908			30,182
66	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909			32,761
24	830	830	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738			24,519
84	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1238	1257	1186	1271	1019	833			31,601
72	1120	1231	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	762			34,974
03	1285	1345	1618	581	1254	1132	974	966	1374	1249	1256	975	1502	1015	1079	1120	1379			34,321
32	1738	1740	1662	2909	4391	3813	2852	2256	1732	1452	1546	1524	1085	1647	1698	1258	1544			50,468
97	824	955	1091	947	1096	1069	787	699	1242	1207	1259	990	1389	1001	1500	1635	1687			32,133
25	730	804	596	567	967	677	93	720	731	1513	1082	728	753	416	686	783	1075			23,358
43	2197	3154	2314	2882	3641	2838	3115	2743	2933	2913	2149	2064	2359	1564	2367	1434	1192			73,606
42	1493	595	1022	687	907	483	1087	1155	727	788	915	998	648	837	922	721	544			26,224
53	1133	808	932	1216	750	553	546	781	895	1215	747	1095	396	1760	552	1399	1186			26,841
33	1330	1323	1413	1010	1443	1033	1052	741	1286	1382	1687	1578	1356	1980	1390	1594	1129			38,233
15	1082	428	688	489	758	598	682	924	1179	965	607	840	1051	800	753	987	1009			25,832
21	805	891	806	438	611	593	515	476	690	657	701	669	649	582	587	895	747			21,227
70	931	969	843	916	1002	988	596	787	450	557	882	1069	887	910	912	732	802			27,277
67	498	881	780	1009	659	640	762	466	784	551	524	707	960	111	890	750	939			21,806
34	544	866	770	934	991	1356	756	797	798	842	1009	966	908	916	741	805	1032			26,085
93	1941	1557	1885	1872	1915	1721	2169	1922	2085	2359	2173	1776	1996	2706	4124	6216	7442			80,198
75	1010	1192	730	627	572	890	650	550	1156	1053	1103	784	746	952	862	684	882			31,584
96	988	998	870	986	767	932	1523	2071	1748	1233	1114	1073	1309	1316	1312	1821	2081			32,796
83	909	805	953	763	757	736	663	776	1112	723	167	803	753	613	625	892	891			23,520
58	2298	2055	1759	1508	1293	1808	3639	6256	5379	3263	3570	1948	2473	2556	2144	2287	1356			63,968

NATURAL FLOW OF BOISE RIV

BEGINNING 1941

FEBRUARY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041	1151	1061
1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	739	753	806
1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944	2154	2462
764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	979	842	847
799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396	1329	1302
1095	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956	1237	1239
1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145	1786	1741
878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227	1411	1102
682	929	852	933	842	855	943	876	787	694	698	792	700	454	754	841	611	739	1165	1074	1793
833	747	675	1415	1134	1344	1272	1182	1266	1259	1091	990	1165	917	1112	1042	1205	1203	1206	1299	1223
757	835	945	1261	2238	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334	2198	1987
900	1761	2068	1884	1607	1436	1290	1465	1611	1470	1068	1341	1323	1272	920	1187	1743	1714	1215	1309	1183
1128	1301	1834	2664	2912	2320	2086	2300	1921	1772	1697	1535	1519	1505	1495	1324	1466	1309	1398	1550	958
1567	1410	940	1367	1387	1208	1363	1399	1252	1425	1432	1654	2038	2230	2217	2103	1965	2003	1663	1665	1579
687	545	88	232	942	500	734	661	1374	1388	228	605	610	778	968	960	574	723	695	962	723
1617	804	1201	1368	1774	1696	1694	3490	2463	4125	1644	3147	1764	1968	1561	1358	1573	1604	1311	1053	1343
8	805	1053	2156	1014	710	986	750	1026	94	1862	753	760	1173	1346	741	1229	945	1039	1073	1183
1213	807	598	1558	897	1182	1005	1034	1201	1098	1211	1217	1392	1937	2689	3463	4304	2500	2199	2982	3745
1284	1019	993	1129	1414	1258	1114	1242	1150	1043	1242	1174	1086	766	1262	1199	1714	1476	1570	1524	1034
793	887	1088	888	905	826	1402	1802	2714	2270	1409	1453	1146	1237	1005	950	890	1113	700	991	876
1239	913	1003	812	1157	471	864	878	1158	778	1236	1711	1449	1363	946	1322	1324	1222	826	920	798
758	726	887	886	1034	900	932	1233	948	1226	1746	1874	2337	2535	2174	2248	1836	1814	1640	1552	1450
1684	6541	4042	6708	5525	4627	3771	3176	2849	2478	2312	2005	1830	1691	1816	1662	1636	1489	1593	1683	2339
948	838	1200	895	668	748	821	646	818	1225	804	653	920	1042	850	903	1205	527	1116	963	1052
7577	5853	4996	4606	4135	3991	3561	3300	3321	3318	2744	2403	2622	2878	2756	2401	2286	2403	2484	2433	2404
938	834	785	624	544	1038	889	894	832	918	779	700	929	828	679	682	804	955	1211	667	758
1920	1593	1297	1383	1396	950	1258	917	1021	1040	1021	1046	1032	1019	1081	1032	954	995	876	1241	342
930	491	1007	1035	960	503	839	792	685	672	957	847	448	1239	975	822	701	941	1596	1962	3972
2275	1265	1519	1572	1360	1461	1456	1514	1521	1633	1418	1489	1618	1781	1628	1640	1556	1195	1396	1821	2064

NATURAL FLOW O

BEGINNING

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	735
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	979
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396
1946	1095	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227
1949	682	929	852	933	842	855	943	876	787	694	698	792	700	454	754	841	611	739	1165
1950	833	747	675	1415	1134	1344	1272	1182	1266	1259	1091	990	1165	917	1112	1042	1205	1203	1206
1951	757	835	945	1261	2238	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334
1952	900	1761	2068	1884	1607	1436	1290	1465	1611	1470	1068	1341	1323	1272	920	1187	1743	1714	1215
1953	1128	1301	1834	2664	2912	2320	2086	2300	1921	1772	1697	1535	1519	1505	1495	1324	1466	1309	1398
1954	1567	1410	940	1367	1387	1208	1363	1399	1252	1425	1432	1654	2038	2230	2217	2103	1965	2003	1663
1955	687	545	88	232	942	500	734	661	1374	1388	228	605	610	778	968	960	574	723	695
1956	1617	804	1201	1368	1774	1696	1694	3490	2463	4125	1644	3147	1764	1968	1561	1358	1573	1604	1311
1957	8	805	1053	2156	1014	710	986	750	1026	94	1862	753	760	1173	1346	741	1229	945	1039
1958	1213	807	598	1558	897	1182	1005	1034	1201	1098	1211	1217	1392	1937	2689	3463	4304	2500	2199
1959	1284	1019	993	1129	1414	1258	1114	1242	1150	1043	1242	1174	1086	766	1262	1199	1714	1476	1570
1960	793	887	1088	888	905	826	1402	1802	2714	2270	1409	1453	1146	1237	1005	950	890	1113	700
1961	1239	913	1003	812	1157	471	864	878	1158	778	1236	1711	1449	1363	946	1322	1324	1222	826
1962	758	726	887	886	1034	900	932	1233	948	1226	1746	1874	2337	2535	2174	2248	1836	1814	1640
1963	1684	6541	4042	6708	5525	4627	3771	3176	2849	2478	2312	2005	1830	1691	1816	1662	1636	1489	1593
1964	948	838	1200	895	668	748	821	646	818	1225	804	653	920	1042	850	903	1205	527	1116
1965	7577	5853	4996	4606	4135	3991	3561	3300	3321	3318	2744	2403	2622	2878	2756	2401	2286	2403	2484
1966	938	834	785	624	544	1038	889	894	832	918	779	700	929	828	679	682	804	955	1211
1967	1920	1593	1297	1383	1396	950	1258	917	1021	1040	1021	1046	1032	1019	1081	1032	954	995	876
1968	930	491	1007	1035	960	503	839	792	685	672	957	847	448	1239	975	822	701	941	1596
1969	2275	1265	1519	1572	1360	1461	1456	1514	1521	1633	1418	1489	1618	1781	1628	1640	1556	1195	1396

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

FEBRUARY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
38	1123	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
61	997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
45	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
85	906	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
31	2857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
61	1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,904
123	2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
302	970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
454	754	841	611	739	1165	1074	1793	(-58)	139	827	1035	(-140)	1795	1045				22,657
917	1112	1042	1205	1203	1206	1299	1223	1222	1410	1412	1935	2626	2676	2654				37,505
254	3175	2295	2409	2301	2334	2198	1987	2009	1828	1815	1678	2364	1528	1840				62,939
272	920	1187	1743	1714	1215	1309	1183	1054	1206	1265	941	1120	949	1511	722			38,535
505	1495	1324	1466	1309	1398	1550	958	1120	1266	1406	1258	811	1271	1117				44,243
230	2217	2103	1965	2003	1663	1665	1579	1715	1579	1447	1626	2120	1886	1904				46,144
778	968	960	574	723	695	962	723	412	861	863	978	697	736	698				20,222
968	1561	1358	1573	1604	1311	1053	1343	1784	1615	1486	2020	1588	1590	1842	1752			52,235
173	1346	741	1229	945	1039	1073	1183	1403	1198	2437	3446	4399	6586	6265				46,440
937	2689	3463	4304	2500	2199	2982	3745	2215	2809	3325	3682	4557	3324	2774				60,918
766	1262	1199	1714	1476	1570	1524	1034	1219	1388	2178	1301	1461	1385	226				34,851
237	1005	950	890	1113	700	991	876	958	763	735	886	982	1040	871	865			32,445
363	946	1322	1324	1222	826	920	798	995	1325	903	945	1048	988	821				29,415
2535	2174	2248	1836	1814	1640	1552	1450	1396	1226	1341	1230	1154	1050	1030				39,163
1691	1816	1662	1636	1489	1593	1683	2339	1854	1567	1700	1569	1611	2037	1767				73,562
1042	850	903	1205	527	1116	963	1052	977	1060	1113	1096	936	857	1007	1042			26,930
2878	2756	2401	2286	2403	2484	2433	2404	2694	2787	2590	2648	2480	2386	3246				91,303
828	679	682	804	955	1211	667	758	842	844	786	867	1178	749	1031				23,585
1019	1081	1032	954	995	876	1241	342	873	574	1018	1103	1021	855	1166				30,024
1239	975	822	701	941	1596	1962	3972	4907	3416	4499	4002	3002	2531	2283	2031			49,045
1781	1628	1640	1556	1195	1396	1821	2064	1731	1477	1331	1369	1397	1670	1410				43,567

NATURAL FLOW OF

BEGINNING

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	1967
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1688	1527	1468	1432
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304
1946	1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2803
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387
1948	1087	1173	1121	1097	922	930	1157	899	1004	1343	6	1792	844	1088	1059	1126	1219	1228	1032
1949	1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890	2995
1950	2648	2360	2377	2328	2154	2617	2476	2333	2225	2257	1929	1680	1486	1625	1605	1512	2191	3900	4785
1951	1594	1634	1469	1610	2029	1084	1520	1410	995	1322	1138	1463	1318	1359	1491	2022	1928	1587	1619
1952	1277	1325	916	1270	951	864	750	1289	1202	1187	1575	791	1219	743	1238	1622	918	1949	1592
1953	1424	1403	1427	1098	1399	1165	1524	976	1628	1672	1846	1871	2153	1965	1655	1796	1786	1337	1783
1954	1661	1596	1350	1774	1518	1621	1704	1870	3903	5830	5157	3972	3487	2794	2687	2351	2465	2141	2149
1955	1238	855	810	771	689	852	1053	825	1073	1090	911	753	703	859	801	639	1005	622	1032
1956	2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	2094	534	1473	1789	1575	1532	2794	2508	3242
1957	4123	3591	3195	2692	2752	2847	2741	2633	3376	3824	3272	3425	3264	2610	2484	2356	2937	2692	2435
1958	2711	2292	1534	2014	1587	1821	1427	462	1364	2007	1669	1533	1372	1187	1512	1592	1702	1615	1484
1959	1347	1226	1556	1529	1516	1240	1499	1195	1614	1165	1314	1190	1181	1213	1124	1261	1144	1179	1514
1960	542	205	1006	804	1774	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	1605
1961	1077	866	1028	766	1007	951	920	802	721	1030	889	760	1072	1030	1201	1853	1979	1822	1679
1962	1049	1197	1208	1224	1313	1182	1182	1263	1223	1064	1227	919	1145	1117	1013	1035	840	1013	1065
1963	1852	1424	1539	1426	1257	1316	1275	1289	1294	1300	1230	1406	1289	1145	1097	1202	1178	1097	975
1964	1148	1300	1086	826	1021	1092	1000	921	880	942	914	991	952	976	930	898	898	1053	1260
1965	3363	2531	2886	3330	1915	2782	2927	2909	3201	3372	3686	3471	3449	3504	3260	3404	3249	3515	3263
1966	555	813	847	590	725	849	933	1013	1145	1359	1364	1367	1525	2089	2286	1956	1964	1501	1398
1967	1299	1011	1084	1049	1057	1168	934	961	1182	1046	1284	890	1234	966	1046	1143	864	1245	1477
1968	2792	2245	2276	2332	2344	2513	2468	2299	1915	2064	1796	1706	1724	1624	1721	1572	1751	1617	1471
1969	1374	1522	1779	1495	1472	1668	1809	1314	1739	1442	1300	1354	1404	1549	1825	1505	1678	1997	1933

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MARCH

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
15	1480	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
20	1479	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
25	3899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
18	1012	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
16	1707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
31	3566	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
04	2490	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
88	1059	1126	1219	1228	1032	1160	913	1061	1117	1133	1514	1383	1382	1209	1543	2076	2080	36,698
64	2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
25	1605	1512	2191	3900	4785	3688	3185	3006	2879	2728	2773	2855	2715	2572	2294	1968	2237	77,388
59	1491	2022	1928	1587	1619	1817	1817	2533	2601	2395	2538	3130	2173	4188	3971	3203	3578	62,536
43	1238	1622	918	1949	1592	1521	1790	1934	1937	1186	670	2625	2871	3377	3221	3833	3867	51,510
65	1655	1796	1786	1337	1783	1997	1830	1830	1680	1877	2659	2967	2939	2966	3408	3928	5376	63,365
94	2687	2351	2465	2141	2149	2119	2038	2091	1880	1993	2050	1942	2093	2397	2149	2100	2036	74,918
59	801	639	1005	622	1032	895	697	766	1108	680	593	1318	999	678	715	1696	1244	27,970
89	1575	1532	2794	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7304	6699	6295	6332	114,129
10	2484	2356	2937	2692	2435	2677	3212	2855	2313	5227	3828	2810	2730	2830	2819	3563	4933	97,046
87	1512	1592	1702	1615	1484	966	1708	2745	3029	2485	3276	3070	2627	2901	3040	2648	2967	62,347
13	1124	1261	1144	1179	1514	1398	1351	1438	1455	1532	2174	1729	1953	1914	1953	2119	2248	46,271
95	1246	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415
30	1201	1853	1979	1822	1679	1707	1843	1771	1679	2573	2414	2072	2459	1909	1971	1713	2051	45,615
17	1013	1035	840	1013	1065	1488	1448	1494	1697	1184	1420	1506	1866	1960	2057	2053	2084	41,536
45	1097	1202	1178	1097	975	1174	1040	1268	1551	1550	1465	1341	1408	2060	3680	2616	2208	45,952
76	930	898	898	1053	1260	1057	1249	1406	1255	1053	1190	1462	1286	1259	1359	1600	2345	35,609
504	3260	3404	3249	3515	3263	3161	3016	2638	2899	2694	2360	2705	2885	2521	2452	2597	2820	92,765
89	2286	1956	1964	1501	1398	1306	1606	1264	1195	1153	1196	1393	1945	2708	3152	3641	4142	48,980
66	1046	1143	864	1245	1477	1530	1035	1890	1650	1919	2011	1734	1842	1742	1882	2077	1538	41,790
24	1721	1572	1751	1617	1471	1440	1393	1427	1439	1786	1871	2159	2044	1644	1850	1935	2378	59,646
49	1825	1505	1678	1997	1933	2171	2118	2150	2522	3004	2684	2974	3391	4205	4209	5775	6602	71,964

NATURAL FLOW OF BOISE

BEGINNING 1941

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	6527	6620	6098
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445
1946	6008	4982	4552	4717	4841	5216	6160	6164	6222	5847	5218	5919	7596	10219	12352	13581	14780	17389	18812
1947	4810	4145	4006	3747	3576	3468	3434	2289	3477	2684	2917	2808	3062	3230	4471	5632	6149	6379	6439
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413
1950	2888	3787	4629	4125	4107	3895	4251	4659	5124	4670	5841	5821	6521	7418	7543	7141	8012	8713	9289
1951	3609	3674	4934	5892	7194	8634	9861	10722	10963	10360	10651	9941	9843	11541	11209	13094	10778	11159	11616
1952	3257	3410	3399	3712	4754	6669	8193	9277	7784	6989	6942	7143	8548	9935	11088	9967	10520	12544	14976
1953	4733	3869	3833	3881	4380	4107	4957	3346	3502	3669	2608	2514	2635	2480	1856	2836	2255	3181	3909
1954	1854	1675	1808	2259	3119	4933	5009	4438	4362	4339	3939	4072	4879	6936	7452	7233	7449	9296	10020
1955	1222	1007	1639	1090	1161	1218	1436	2087	2675	3028	3344	2583	1928	2156	1764	1674	1764	2184	2109
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132
1958	2915	3061	3506	3911	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371	6712	7606	8555	9242
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5227	4912	4487	3814	3799
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2297	2346	2087	3175	4469
1962	2688	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4455	5557	6996	8598	8570	8559	9027
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3939	4432	3516	3092	2913
1964	3694	4487	3919	3680	4020	4352	3938	3744	3812	4341	5212	5891	4233	3896	4063	4865	5505	4471	4524
1965	3160	4099	6098	5322	5339	5508	6152	6046	6034	6833	6161	5868	5878	6459	7256	8547	10007	9260	8789
1966	5060	5170	5575	4908	4200	3951	4352	4745	4953	5404	5750	4817	4292	3703	3933	3753	4559	4971	4464
1967	1866	1502	1505	1523	1774	2302	2053	2040	2234	2257	2718	2728	2741	2944	3155	2986	2738	2389	2321
1968	2511	2859	3177	2985	2942	3113	2833	2578	2321	2242	2397	3013	2950	2904	2723	2773	2597	2521	2261
1969	8134	8871	9402	10143	10081	11500	13417	11777	9706	9890	10362	11117	10887	11770	11006	10361	10181	10526	12042

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

APRIL

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

NATURAL FLOW OF BO

BEGINNING 19

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5129	7386	8408	7496	6193	5543	5536	570
1942	3999	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	390
1943	13118	14472	15282	15085	15650	14752	12884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	690
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	568
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	660
1946	11798	10583	10259	10837	12416	13481	13844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	10754
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	714
1948	4839	4538	3728	4393	4204	4307	5353	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750
1949	8007	7859	7339	6690	6507	6211	6444	7197	8178	9179	9784	10290	11540	11885	12413	12829	11584	12100	11233
1950	5296	6568	5497	6494	5130	5004	4336	4438	5086	4557	5445	5562	6917	9553	11897	13368	13673	12924	12338
1951	9166	8345	7297	7238	7299	8201	9727	12301	11980	12328	12460	13137	12371	10539	9707	8739	9206	10377	11258
1952	14339	15047	16512	18001	18955	15799	16476	15533	15390	15082	14555	13359	16047	16522	16170	14230	12349	11652	12802
1953	7935	6443	5512	5136	4792	6975	7543	8156	7593	6041	6151	5339	5134	5266	5443	5816	6208	7529	7119
1954	7649	6395	5818	6257	6124	8165	8936	9704	10854	11776	13307	12854	11973	11088	10493	10814	11452	12331	12276
1955	3601	4105	4040	3296	4134	5011	6697	7088	8417	8309	7326	7939	7918	7917	6984	5892	4734	4318	4549
1956	10218	10200	9871	10211	10496	10826	11384	10702	11094	11328	10238	9987	8960	8698	7933	8258	9716	11258	14370
1957	9409	10872	11712	11176	10375	9666	11185	12224	12850	12759	13083	12803	13328	13687	13506	13044	13377	13270	16619
1958	4928	6924	8263	9839	11248	13513	14715	13949	13445	14578	15390	17413	17483	14213	12587	12839	12626	15234	17097
1959	5870	7805	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040	7963	7080	6054
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6909	8763	10699	11842	11130	8927	7912	7473	6667	6028
1961	3605	3983	4617	4084	4042	3808	3334	2429	3246	2857	4098	3591	3619	3057	3477	4048	3907	4219	3877
1962	5923	5454	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872	5189	5656
1963	5324	5703	5653	5674	5329	5798	6273	6450	6695	6577	6139	5546	5105	5078	4751	4947	5387	5940	6881
1964	7016	7799	6326	5226	4862	4139	4017	4340	4358	4562	5850	6130	6761	7602	8271	8506	9883	9949	9920
1965	20503	19705	17118	14545	13382	11788	10434	8291	9438	8986	8298	9611	11222	12687	14355	15060	15555	16142	15059
1966	2953	2974	3397	4545	5655	6340	7666	8082	7676	8225	7761	7303	5982	5063	5044	4127	4032	3783	3695
1967	1974	1734	1825	2055	2322	2523	3457	4587	6759	7886	8157	6279	5159	4313	4099	5150	7036	9056	10116
1968	3707	3910	4448	4102	4785	4681	3950	3401	3149	3253	3505	3978	4484	4568	4186	3518	2842	3045	3392
1969	8412	8161	7515	7224	7211	8197	9647	11346	12959	14478	15175	15306	15251	14736	15503	15133	14151	12841	13059

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MAY

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
4151	4093	3815	3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,788
7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
7632	7270	6542	5688	5036	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6432	6932	7120	236,573
9087	9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
2829	11584	12100	11233	10978	10319	9262	8496	8361	7507	8278	8103	9373	9361	9521	9007	285,835
3368	13673	12924	12338	9612	9297	10852	12137	13534	13021	11443	11008	11542	11799	11588	11627	281,543
8739	9206	10377	11258	11492	11650	11353	12580	12793	13796	12825	12646	13881	14065	12879	10811	342,447
4230	12349	11652	12802	12544	13861	13677	12966	11778	13056	14013	15735	13838	14449	13520	12560	450,817
5816	6208	7529	7119	9554	9160	7865	7064	6757	5481	5115	4725	4821	8039	6181	6898	201,791
0814	11452	12331	12276	13444	14660	13697	11100	9763	8933	8649	7664	6614	5783	5228	4974	298,775
5892	4734	4318	4549	5889	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712	198,635
8258	9716	11258	14370	15780	16976	18860	19581	20134	22949	20931	19423	19484	17472	16500	16839	420,677
3044	13377	13270	16619	16752	16930	12150	11422	10232	9263	8974	9657	10360	11241	12253	12791	376,970
2839	12626	15234	17097	18188	21254	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326	473,187
9040	7963	7080	6054	5228	4541	4930	4240	4322	4512	4193	4039	4271	4133	3980	3901	165,797
7912	7473	6667	6028	5170	5073	4941	4367	4461	3891	3735	3766	3948	4148	4736	5599	187,181
4048	3907	4219	3877	4241	5448	5761	5954	6612	7773	7721	7830	7495	6624	6442	7610	149,409
6170	5872	5189	5656	6199	6284	6047	5717	6431	7609	7251	7021	6491	6557	6308	6731	203,229
4947	5387	5940	6881	8164	8736	9586	10149	11480	11183	10794	10233	9380	9276	9198	9029	226,458
8506	9883	9949	9920	10053	10938	10763	9732	8614	7798	7008	7457	7523	7869	7611	7757	228,640
5060	15555	16142	15059	14140	14144	14677	15194	15156	14067	12773	11853	12018	12361	13826	15728	418,116
4127	4032	3783	3695	3808	4193	4794	5282	4618	4260	4233	4797	5317	5925	6032	6015	163,577
5150	7036	9056	10116	11138	11392	11900	13697	15178	15598	14202	11443	10418	11078	11004	10037	241,572
3518	2842	3045	3392	3991	6212	6092	5605	4966	4677	4540	3949	3628	3703	4058	5318	129,643
5133	14151	12841	13059	12634	11537	10399	10076	10967	11394	12672	13146	12396	10897	9837	9901	362,161

NATURAL FLOW OF BOIS

BEGINNING 1941

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806
1946	7950	7533	7763	9115	10131	9775	8965	8249	7785	7457	7621	6965	6209	6199	6482	6365	5913	5539	5244
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4350	4903	4539	4785	4962	5051	5334
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8998	7682	7075	6428	5872	5495
1949	8699	7652	6364	5665	5905	5817	6324	6597	7045	7415	7043	7446	6959	6315	5459	4899	4940	4153	3798
1950	11474	11539	11330	10773	10648	10989	11703	11065	9479	8074	7526	8071	8765	7834	8115	8634	9085	9759	8926
1951	9487	8447	7815	6970	6177	7805	6913	6277	5708	5396	5479	6034	7203	7536	8584	9851	10463	10017	9533
1952	12410	11937	11735	13213	13471	13830	13581	13854	11979	12614	10938	10492	7689	7938	7471	7157	6311	6438	5554
1953	9429	7336	8969	8880	9395	9933	9685	11613	6482	8841	9177	10758	13803	14790	13028	11255	11285	12359	12650
1954	5209	4707	4385	4038	4415	4753	4700	4500	4322	4429	4617	4547	4386	4684	5270	6412	6806	6022	5342
1955	6665	6794	6046	6080	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760
1956	18159	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7862	6677	6235	5575	5046	5094
1958	12658	11471	10461	10328	9988	9513	10055	10402	10499	10045	9345	8848	9282	8774	8230	7494	8033	8428	8462
1959	3900	4148	5030	5848	6420	7308	8523	8266	7246	6374	6120	5707	6829	8182	8097	7934	6442	6576	6556
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4923	5095	3585	4531	3622	3459	3333	3142
1962	6631	6960	7599	8823	7722	6930	6095	5618	5391	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671
1963	9315	8852	8018	7732	7905	7631	6881	6681	6484	7143	6852	6110	6453	7112	7817	8486	8495	8559	7644
1964	6911	7508	8650	8393	8594	8456	9027	9249	8072	7397	6629	6329	5640	5471	5789	6545	8214	7688	7064
1965	16246	14692	14116	15031	15908	15845	16184	15912	16274	16537	16415	16777	16910	15016	12332	10399	9527	8926	8747
1966	5469	4699	4352	3907	3554	3315	3194	3320	3144	3452	3537	3384	2879	2756	2790	3020	3044	3263	2217
1967	8946	10050	9084	8166	7859	9244	9134	8763	9211	9332	8758	9028	8307	7998	7893	8286	8955	9786	9938
1968	5100	4910	5643	7048	6327	5870	6614	5669	6051	5767	5440	5346	5280	4985	4435	4095	3986	4249	4532
1969	10112	9092	8696	8950	9641	10373	10259	9591	8927	8699	8725	8109	7055	6745	6116	5838	5487	4878	4772

NATURAL FLOW OF BOIS

BEGINNING 1941

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871
1944	5731	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806
1946	7950	7533	7763	9115	10131	9775	8965	8249	7785	7457	7621	6965	6209	6199	6482	6365	5913	5539	5244
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4350	4903	4539	4785	4962	5051	5334
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495
1949	8699	7652	6364	5665	5905	5817	6324	6597	7045	7415	7043	7446	6959	6315	5459	4899	4940	4153	3798
1950	11474	11539	11330	10773	10648	10989	11703	11065	9479	8074	7526	8071	8765	7834	8115	8634	9085	9759	8926
1951	9487	8447	7815	6970	6177	7805	6913	6277	5708	5396	5479	6034	7203	7536	8584	9851	10463	10017	9533
1952	12410	11937	11735	13213	13471	13830	13581	13854	11979	12614	10938	10492	7689	7938	7471	7157	6311	6438	5554
1953	9429	7336	8969	8880	9395	9933	9685	11613	6482	8841	9177	10758	13803	14790	13028	11255	11285	12359	12650
1954	5209	4707	4385	4038	4415	4753	4700	4500	4322	4429	4617	4547	4386	4684	5270	6412	6806	6022	5342
1955	6665	6794	6046	6080	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760
1956	18159	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7862	6677	6235	5575	5046	5094
1958	12658	11471	10461	10328	9988	9513	10055	10402	10499	10045	9345	8848	9282	8774	8230	7494	8033	8428	8462
1959	3900	4148	5030	5848	6420	7308	8523	8266	7246	6374	6120	5707	6829	8182	8097	7934	6442	6576	6556
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4923	5095	3585	4531	3622	3459	3333	3142
1962	6631	6960	7599	8823	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671
1963	9315	8852	8018	7732	7905	7631	6881	6681	6484	7143	6852	6110	6453	7112	7817	8486	8495	8559	7644
1964	6911	7508	8650	8393	8594	8456	9027	9249	8072	7397	6629	6329	5640	5471	5789	6545	8214	7688	7064
1965	16246	14692	14116	15031	15908	15845	16184	15912	16274	16537	16415	16777	16910	15016	12332	10399	9527	8926	8747
1966	5469	4699	4352	3907	3554	3315	3194	3320	3144	3452	3537	3384	2879	2756	2790	3020	3044	3263	2217
1967	8946	10050	9084	8166	7859	9244	9134	8763	9211	9332	8758	9028	8307	7998	7893	8286	8955	9786	9938
1968	5100	4910	5643	7048	6327	5870	6614	5669	6051	5767	5440	5346	5280	4985	4435	4095	3986	4249	4532
1969	10112	9092	8696	8950	9641	10373	10259	9591	8927	8699	8725	8109	7055	6745	6116	5838	5487	4878	4772

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JUNE

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3467	3541	3406		189,411
4539	4785	4962	5051	5334	5103	4814	4215	3548	3663	3798	3631	3738	3324	2971	2842		148,620
7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
5439	4899	4940	4153	3798	3618	3623	3421	3111	3262	3094	3073	2911	2608	2619	2377		152,212
8115	8634	9085	9759	8926	9710	9794	10318	10052	8978	7742	6845	5212	6581	6984	8136		274,141
8584	9851	10463	10017	9533	8705	8506	7929	7085	6458	6370	5833	6313	5807	5948	5641		220,290
7471	7157	6311	6438	5554	6755	6336	5379	5548	5239	5379	5419	5276	5236	4724	5238		259,141
13028	11255	11285	12359	12650	11478	10079	9422	9291	9365	9096	8038	6923	6975	6895	7246		294,478
5270	6412	6806	6022	5342	5289	5580	6370	6892	7729	7691	7429	9902	7880	6139	5388		169,833
7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4104		209,680
9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603		291,294
6677	6235	5575	5046	5094	5582	5913	5501	5085	5021	5504	4690	5069	5091	5358	5073		259,006
8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083		250,783
8097	7934	6442	6576	6556	6426	6383	6351	6145	5574	4988	5223	4157	3920	3117	3288		181,078
5896	6316	5860	5021	4575	4208	3939	3374	3303	3094	3080	2997	3013	2624	2403	2652		166,675
5	4531	3622	3459	3333	3142	2892	2500	2296	1987	1932	1762	1738	1707	1359	1273	1116	114,693
7	7798	7656	8035	7180	7671	7908	8388	7736	7496	6954	6273	6728	6529	5658	5148	4655	212,699
2	7817	8486	8495	8559	7644	7509	7389	7767	6572	5182	5102	4624	4128	4222	4718	4569	205,952
1	5789	6545	8214	7688	7064	6263	5613	5641	4962	5106	5478	6052	6564	6288	5414	4981	203,928
6	12332	10399	9527	8926	8747	8667	9854	10825	11692	12609	12340	11663	12206	10268	9026	8500	389,444
6	2790	3020	3044	3263	2217	3257	2621	2356	2282	2305	2040	1778	1922	1774	1448	1945	89,024
8	7893	8286	8955	9786	9938	10077	10865	11815	10859	7954	7429	7070	7048	7771	6969	6458	263,053
5	4435	4095	3986	4249	4532	4845	4930	4259	3836	3591	3245	3090	2746	2428	2670	2316	139,303
5	6116	5838	5487	4878	4772	4808	4738	4423	4257	4487	4931	4323	3767	3780	3292	3237	198,108

NATURAL FLOW OF BOISE R

BEGINNING 1941

JULY

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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JULY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
414	1279	1385	1197	1289	1147	1133	1088	1083	963	926	1012	892	902	1157	1139	933	911	42,726
1075	1941	1913	1883	1732	1679	1609	1571	1554	1484	1454	1446	1187	1385	1049	1274	1118	1026	69,556
3338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
605	1432	1576	1544	1403	1508	1233	1387	1378	1418	1156	1221	1478	966	1054	1095	973	1045	53,163
2355	2179	2136	2081	1791	1789	1709	1623	1644	1471	1533	1244	1340	1233	1203	1196	1261	1075	69,520
1825	1810	1555	1820	1720	1568	1480	1659	1496	1298	993	1320	1493	1484	1485	1165	1225	1250	62,960
1807	1814	1681	1557	1504	1404	1350	1360	1328	1160	1145	1128	1112	1097	1080	1063	1065	1033	55,323
1736	1500	1614	1522	1362	1355	1287	1384	1228	1237	1222	1077	966	900	890	920	918	814	54,686
1357	1481	1440	1295	1244	1104	1083	1457	1190	1125	1093	972	902	866	925	1033	829	888	46,771
3506	3215	3369	3035	2818	2518	2452	2039	2219	2040	2053	1089	1902	1736	1862	1755	1529	1408	119,699
2998	2845	2940	2681	2766	2448	2407	2338	2136	2073	1912	1688	1956	1755	2221	1677	1978	1541	97,534
3177	2507	2564	2219	2354	2504	2070	2245	1904	2106	1989	1965	1657	1702	1726	1596	1745	1668	85,749
4618	4497	3800	3229	3205	2872	2749	2313	2386	2327	2097	2154	1909	1883	1931	1769	1604	1678	127,235
2756	2748	2948	2581	2549	2358	2044	1968	2099	1813	1878	1733	1851	1694	1647	1759	1341	1439	89,509
2465	2116	2312	2027	2196	1963	1824	1660	1616	1489	1732	1628	1422	1295	1371	1533	1355	1424	65,869
2854	3341	3069	2438	2619	2616	2203	2504	2516	2360	1941	2194	2032	1974	1712	1981	2036	1447	94,422
2035	2157	2286	1967	1814	1697	1672	1751	1647	1587	1464	1439	1282	1464	1299	1329	1487	1576	74,153
2170	2145	1957	2225	1777	2134	1720	1808	1779	1840	1407	1817	1355	1617	1566	1465	1556	1913	71,233
1671	1528	1795	1538	1323	1340	1423	1235	1495	1201	1170	873	1127	1052	1108	666	1108	1019	52,448
1476	1242	1473	1079	1247	1136	881	925	1132	1104	584	876	763	730	589	1024	392	1005	40,787
995	836	799	900	608	773	776	761	733	754	752	665	630	685	1082	739	562	717	28,410
2241	2261	2074	1950	1682	1772	1638	1631	1608	1368	1597	1457	1536	1890	1523	1366	1343	1209	71,456
1975	2595	2369	2138	1952	1565	2216	1769	1624	1606	1690	1171	1802	1460	1420	1351	1334	1282	74,384
2385	2277	2153	1898	2106	1857	1805	1549	1557	1453	1408	1667	1211	1226	1359	1360	1432	1497	76,473
5229	4902	4894	4779	4570	4694	4397	3995	3836	3732	3302	3244	3072	2685	2903	2907	2458	2616	169,482
830	693	651	723	718	165	441	1046	946	382	687	753	720	706	535	532	324	759	27,000
2511	2369	2167	2259	2542	2208	2163	1787	1969	1560	1847	1547	1603	1332	1325	1297	1093	1127	88,641
1238	1136	1126	1183	1103	1034	984	999	879	896	922	911	1020	879	487	831	779	921	38,063
2231	2174	2064	1912	1829	1757	1761	1581	1634	1559	1510	1529	1507	1606	1338	1421	1308	1237	64,428

NATURAL FLOW OF BOISE RI

BEGINNING 1941

AUGUST

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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

AUGUST

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
117	913	854	877	861	1240	962	832	878	800	709	864	813	815	701	752	710	654	27,248
672	906	639	617	718	677	567	574	734	565	674	586	571	602	519	621	635	648	23,395
1704	1570	1432	1519	1397	1520	1192	1269	1234	1301	1105	1311	1174	1220	1160	1125	1136	1180	50,242
707	647	621	644	703	619	499	579	547	596	546	525	523	599	502	603	511	394	21,632
840	788	853	767	801	635	735	765	746	665	750	515	584	579	570	657	585	291	25,815
684	933	734	989	590	772	811	768	705	934	790	904	919	808	919	899	763	776	28,309
733	699	698	696	695	693	692	693	692	691	692	692	690	688	684	709	676	754	23,084
715	694	697	693	695	693	682	683	673	675	676	675	677	667	652	644	636	628	22,306
848	758	765	892	780	745	690	617	525	544	602	589	459	600	515	544	549	571	20,560
1400	1136	1127	1017	1025	949	976	1019	1059	945	1010	1094	894	863	960	801	729	725	38,310
1130	968	867	816	1110	976	759	841	1461	672	834	1197	994	934	805	840	766	990	35,485
1392	1495	804	823	1077	948	1009	1137	980	1305	992	532	571	850	903	633	372	1101	34,380
962	1178	1293	1130	1048	1017	1208	1001	1176	1110	879	959	975	1012	804	1132	989	856	36,623
1139	1300	876	1135	770	1052	746	1105	1324	843	1048	776	926	775	960	960	749	672	33,180
1051	1203	731	925	877	966	1004	1023	936	843	611	798	630	778	638	886	863	183	28,377
1038	808	1095	1214	222	1164	474	1180	518	926	818	866	946	342	777	767	1252	600	31,367
761	728	807	605	842	764	490	786	792	265	746	610	1117	940	189	1104	589	495	25,972
930	899	1096	661	980	934	998	848	892	731	378	803	690	699	627	992	639	683	30,883
442	1146	(-229)	837	698	572	1495	1131	898	948	777	856	968	775	800	782	181	1310	24,216
623	463	413	966	666	949	537	717	579	706	759	978	914	773	782	759	767	1087	22,879
793	715	1036	673	646	478	733	635	688	427	612	653	674	839	688	614	681	630	20,030
1164	821	758	698	706	808	938	846	834	893	758	780	813	679	805	785	972	730	28,726
947	888	607	759	886	816	1456	93	286	1315	(-5)	815	771	591	752	806	897	719	26,655
831	630	704	691	785	451	717	289	1027	788	689	700	689	391	448	768	688	836	25,046
2653	2042	1913	1773	1656	1905	1804	2075	1835	2112	3175	205	1576	1437	1397	1179	1255	1298	59,163
571	593	634	542	626	663	574	689	539	525	527	504	548	655	775	691	571	650	19,526
913	681	691	767	766	812	942	939	353	875	675	809	650	629	661	1012	617	692	24,550
880	1369	1382	1141	1709	1891	1892	1869	1729	1751	1547	1301	1227	1179	1174	1078	1011	1044	36,100
859	766	876	747	716	685	769	806	701	555	670	517	696	724	702	686	765	718	25,639

NATURAL FLOW OF BOISE RI

BEGINNING 1941

SEPTEMBER

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

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

SEPTEMBER

CHART NO. 2

13	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
104	832	730	727	655	708	701	730	730	732	732	754	708	715	718	582		20,860
106	647	627	619	554	775	619	673	596	505	638	546	531	580	481	549		17,748
102	839	738	753	662	814	631	1019	716	777	768	707	851	844	838	783		26,596
92	443	467	346	726	725	680	685	660	629	645	616	611	444	541	688		17,676
74	631	623	611	646	667	669	776	995	1352	1028	399	704	681	675	644		19,510
78	673	703	926	886	957	841	856	866	864	711	691	595	660	805	678		22,636
82	672	668	606	632	628	627	650	643	621	599	555	584	604	608	584		19,233
108	593	539	521	517	485	519	497	518	554	576	606	739	771	820	760		18,290
102	523	494	599	430	492	475	516	481	571	497	688	442	217	464	780		15,588
106	723	922	721	532	1160	849	717	696	782	793	835	218	668	922	936		24,088
106	696	736	609	534	318	805	298	729	717	778	833	704	924	706	812		21,275
109	739	1014	709	699	1277	965	580	818	461	791	322	1434	1014	542	144		24,927
103	802	583	869	794	709	913	826	706	693	835	390	486	1090	1117	180		24,164
100	898	605	1024	860	772	522	702	765	838	577	402	742	595	695	789		20,834
109	703	858	929	926	716	235	799	635	880	890	788	879	770	630	734		20,397
94	813	684	927	777	598	(-308)	1006	601	1176	825	970	854	936	1041	1524		27,858
108	917	799	759	848	1109	823	950	1016	885	798	962	1095	643	837	926		26,683
86	1023	910	910	608	1313	802	541	224	818	825	1117	548	847	835	1115		27,212
75	1793	1130	711	1523	1743	2087	1388	1467	1071	1218	1497	1804	1581	1498	1165		33,817
62	1097	817	936	811	976	837	818	858	706	595	1044	280	259	(-62)	725		23,122
32	592	701	1050	517	716	722	779	824	747	609	555	469	648	632	584		19,106
84	892	889	789	676	711	951	802	887	903	1016	740	752	914	1023	1010		24,793
13	864	798	898	969	1013	1265	1148	1214	1165	1067	1055	944	848	945	742		28,368
80	1167	1088	687	889	933	859	784	903	965	865	785	849	805	820	857		26,399
93	756	1889	1156	1367	1384	1306	1242	1170	1297	1296	1226	1174	1040	1180	1276		38,626
80	983	825	815	675	839	628	610	662	120	600	412	706	663	463	521		18,883
35	818	739	711	717	783	390	971	495	647	832	746	716	144	1039	980		22,708
88	1004	865	818	835	940	1027	1067	1001	964	958	1006	938	927	876	900		27,625
92	806	845	817	789	979	1116	1035	891	787	867	861	827	773	792	798		24,339

NATURAL FLOW OF BOISE RI

BEGINNING 1941

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	592	699	661	649	748	781	812	797	732	715	591	676	783	804	698	802	849	849	797
1942	567	748	695	662	697	665	659	684	454	502	459	605	740	744	844	563	683	718	692
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940	1122	939	927	1006	876	1012
1944	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807	673
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746	689	777	846
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995
1947	536	648	559	703	619	638	645	518	632	876	803	947	941	874	777	822	2138	1452	1234
1948	631	616	536	551	715	779	728	755	791	697	698	742	742	750	748	751	778	783	780
1949	523	572	575	794	757	945	995	893	834	861	999	851	855	817	777	801	825	834	746
1950	1159	1164	672	1056	1194	796	1258	919	1006	1431	840	1014	(-111)	1519	968	971	971	971	971
1951	971	1440	1748	1289	992	1113	1240	1236	681	948	1367	828	1338	1565	940	1752	1489	564	1047
1952	649	575	1515	745	854	547	1021	718	1198	565	690	798	489	891	948	855	759	976	789
1953	1120	651	838	320	945	660	269	725	668	864	516	931	733	866(-1531)	1483	874	834	911	95
1954	476	1023	737	736	706	880	829	842	870	586 (-133)	1942	679	952 (-610)	1111	1246	907	863	85	85
1955	982	835	426	380	798	711	587	929	920	1102	194	1254	986	1257	622	1702	660	591	1042
1956	1428	1040	1210	1055	955	1001	1050	956	1066	1386	1095	1440	1132	1153	591	834	767	1098	993
1957	961	862	354	826 (-675)	684	1015	1104	994	932	940	1008	1004	896	1321	824	826	787	740	83
1958	1068	969	983	968	1033	986	976	470	344	825	746	841	866	851	770	788	785	624	910
1959	1375	1133	1082	1038	897	1079	945	1358	1470	2135	1743	1741	1946	1248	1732	1360	1229	1076	1485
1960	689	371	550	83	378	684	1291	649	946	841	1051	1422	1067	748	716	715	648	655	790
1961	814	901	565	856	942	964	883	1058	436	487	1211	1020	819	963	801	786	765	686	641
1962	827	872	748	647	853	729	828	747	937	1148	1471	1452	1927	1567	2636	1803	1389	1570	1213
1963	857	688	757	910	881	755	1003	1209	307	1201	1319	804	785	1123	695	1200	917	803	728
1964	599	678	780	782	818	657	804	787	776	904	792	689	548	812	716	950	791	730	778
1965	1041	1290	1004	1182	999	1286	1016	1133	1135	1052	1171	1312	914	1044	1379	1121	1123	1093	965
1966	651	333	1002	503	537	539	516	710	733	654	617	595	766	707	335	807	884	686	569
1967	1044	1100	916	1040	871	835	556	1006	1587	1036	927	1027	989	630	895	1135	687	797	670
1968	914	870	752	865	879	836	781	864	689	774	800	897	1096	1480	1748	1833	1437	1267	1115
1969	866	835	950	929	833	870	872	834 (-525)	2460	1202	965	1273	1068	915	927	1060	981	899	853

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

OCTOBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
804	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
611	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
1519	968	971	971	971	971	971	974	973	974	971	972	991	718	(-569)	1538	1588	1950	30,820
1565	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	998	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
1257	622	1702	660	591	1042	840	821	769	919	722	645	883	698	1023	706	746	1102	25,852
1153	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
1248	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
1480	1748	1833	1437	1267	1115	1026	1273	1067	404	857	1161	937	916	1101	912	955	1109	31,615
1068	915	927	1060	981	899	853	832	851	881	809	964	920	585	774	892	774	695	28,044

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

NOVEMBER

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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

NOVEMBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
94	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
106	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
173	860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581		26,100
140	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
150	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,791
912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
836	911	871	796	734	789	764	726	630	792	1425	1580	1368	1300	1348	1197	1905		28,581
313	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
634	1240	843	525	947	894	961	643	1021	708	248	853	123	845	946	822	562		24,321
803	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
939	1029	478	613	1034	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413		34,343
1024	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238		31,232
1081	1332	827	843	721	432	1252	1201	280	300	1521	413	1067	1053	1339	1098	421		26,074
1297	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
1091	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
1255	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162		32,507
1083	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		33,499
632	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154		27,144
1100	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
1694	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

NATURAL FLOW OF BOISE R

BEGINNING 1941

DECEMBER

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

NATURAL FLOW OF BOISE RIVER

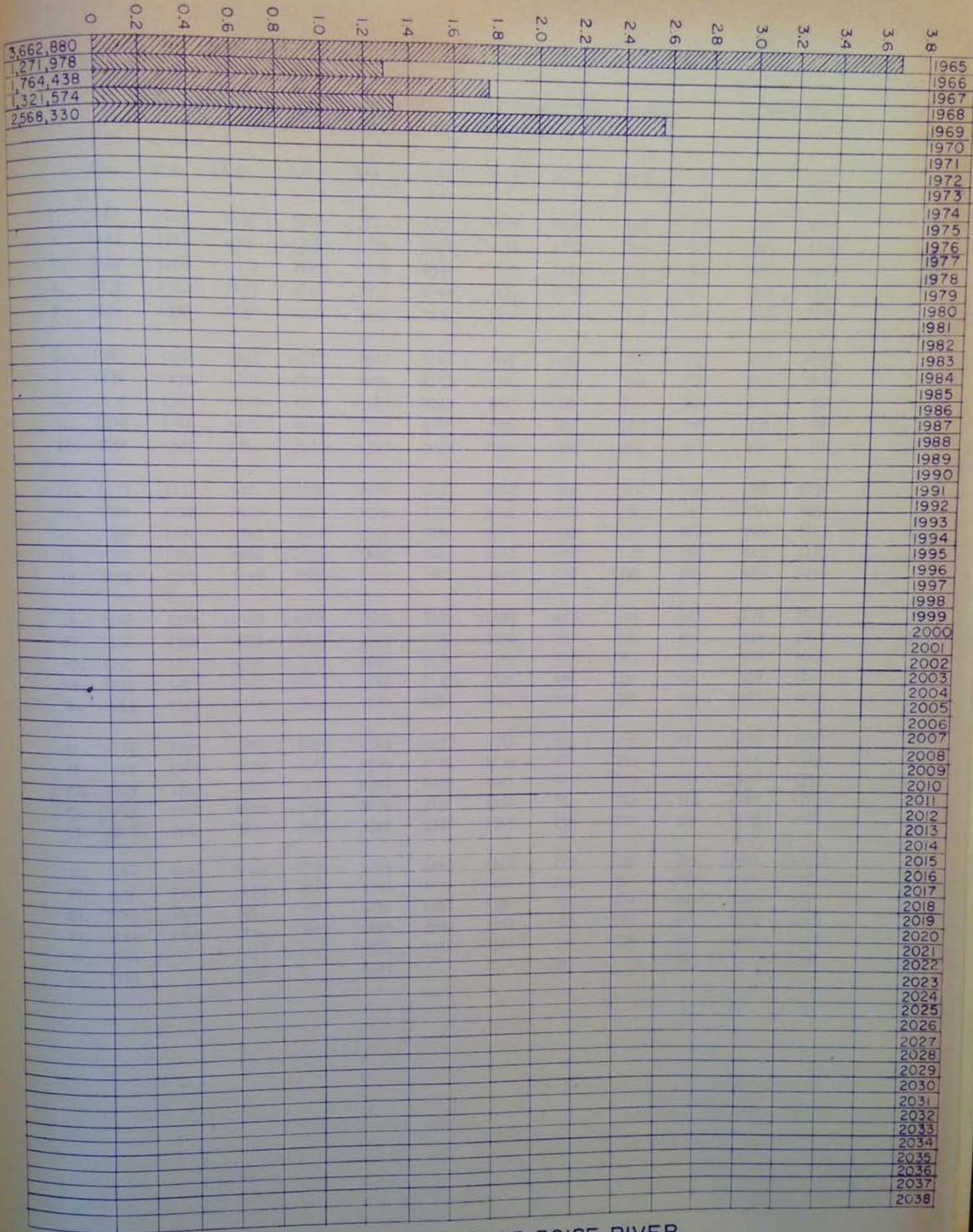
CHART NO. 2

BEGINNING 1941

DECEMBER

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
285	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

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 70 YEAR PERIOD, 1895 THRU 1965

CHART NO. 3

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1162	1167	1618	3618	7223	8556	4270	1230	753	786	896	1084
2.	1145	1217	1736	3742	7351	8431	4134	1237	773	818	923	1159
3.	1160	1206	1632	3999	7379	8392	3977	1173	765	820	983	1134
4.	1076	1306	1635	4117	7555	8342	3824	1123	758	811	919	1158
5.	1051	1338	1656	4236	7697	8224	3684	1111	755	805	959	1072
6.	1063	1280	1698	4377	7847	8146	3489	1068	734	773	933	1050
7.	1056	1272	1705	4582	8020	8197	3381	1036	729	858	950	1006
8.	1031	1387	1785	4717	8167	8249	3223	1023	721	871	947	989
9.	1039	1386	1923	4854	8333	8103	3098	985	748	846	972	961
10.	1054	1340	1911	5139	8397	8038	2943	968	765	881	968	964
11.	1033	1277	1927	5330	8334	7757	2802	964	765	858	992	1054
12.	1008	1280	1975	5518	8320	7736	2696	928	756	915	976	1194
13.	996	1281	1987	5908	8372	7744	2567	950	754	868	925	1145
14.	1022	1300	2009	6313	8460	7669	2417	932	778	889	953	1127
15.	1093	1310	2045	6556	8552	7422	2319	914	790	845	975	1046
16.	1146	1324	2119	6836	8598	7359	2229	865	784	915	999	1012
17.	1100	1360	2223	6877	8567	7158	2085	864	780	897	930	1028
18.	1093	1313	2356	7111	8691	6934	1974	833	767	880	990	1018
19.	1183	1293	2573	7237	8685	6725	1895	856	754	889	959	1045
20.	1165	1317	2713	7049	8570	6557	1802	840	798	895	1055	1037
21.	1159	1355	2787	6987	8565	6337	1725	831	760	891	1081	1030
22.	1167	1360	2879	7210	8519	6125	1679	821	757	876	1164	1105
23.	1183	1399	2940	7260	8511	5856	1621	812	755	888	1236	1553
24.	1195	1464	2993	7222	8620	5651	1550	791	783	918	1187	1715
25.	1207	1461	3070	7255	8710	5372	1519	759	773	895	1155	1497
26.	1162	1462	3107	7370	8799	5167	1462	779	759	898	1106	1270
27.	1136	1559	3199	7516	8789	5234	1418	755	714	898	1107	1204
28.	1127	1610	3244	7487	8771	4801	1390	746	754	899	1037	1167
29.	1124	1620	3416	7403	8683	4620	1342	762	761	919	1030	1240
30.	1138		3477	7291	8570	4442	1301	749	776	900	1074	1185
31.	1153		3540		8597		1274	745		922		1151

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

CHART 3-A

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

TOTAL MONTHLY FLOW OF BOISE

FOR IRRIGATION YEARS BEGINNING

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	1
1895-96	57040	54980	50780	73440	67660	157560	295040	555382	1464280	3
1896-97	54220	61300(3)	64600	50520	55240	88000	476000(5)	508000(6)	415000(5)	14
1897-98	63420	64100	61500(7)	34100	67200	119280	251700	320280	299360	11
1898-99	53262	56242	151640	160600	78640	113900	425740	608020	731400	35
1899-1900	83664	90000	97000	125420	100500	305220	380120	510720	300640	8
1900-01	63570	61880	65060	79440	98340	179320	305900	626460	287420	11
1901-02	56464	55892	76400	61300	90440	88920	213470	353460	287160	100
1902-03	45630	54418	63474	81760	63570	143360	448220	520620	601880	147
1903-04	58554	67800(7)	67800	124000(1)	108000(1)	264140	671840	828600	521060	201
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	229820	247660	78
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	163
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673540	683520	534560	335
1907-08	57890	55970	63300	67190	63282	141130	382320	370360	324780	197
1908-09	68440	59280	58000	138160	110680	228840	473220	605240	655220	226
1909-10	63140	200560	124760	79900	66600	566900	609980	511760	310360	1100
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	2330
1911-12	66670	66700	63500	78420	76120	99580	340920	684180	677560	1739
1912-13	66960	67820	60680	53800	51400	101800	374960	573740	413420	1586
1913-14	63524	80180	61384	71196	74968	216040	469040	553660	307700	1241
1914-15	69684	58366	44800	59580	59726	94782	196558	274128	191900	8387
1915-16	42410	45626	53346	49930	63262	197486	555062	563752	594764	29381
1916-17	59106	54020	53702	47628	47694	61740	267082	654156	643322	26021
1917-18	46004	49506	128592	113828	77736	181442	346040	409954	462460	11252
1918-19	64292	56578	49118	50532	52844	114916	395854	509192	240872	69730
1919-20	47968	56548	53010	66528	66714	89254	189044	449730	333468	11732
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	51382	63482	48416	64264	140450	232784	247930	104636	42192
1926-27	34882	67640	84702	62700	107342	185560	374434	660044	729736	234042
1927-28	67804	143162	98102	90026	79090	276560	316008	852194	305760	115962
1928-29	49856	50404	46770	46690	49214	106834	179238	359536	285968	96482
1929-30	39356	36848	69548	44778	64388	103616	274178	295246	257700	77726

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

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

(1) MEAN OF 4 HIGH YE

(2) SUBSTITUTED FROM I

(3) SUBSTITUTED FROM I

(4) MISSING DAYS SUBST

(5) MISSING DAYS SUBST
YEAR MEAN

(6) MISSING MONTHS SUBS
YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT W

RIVER - IN ACRE FEET

NING 1894 - 1895

CHART NO. 4

JULY	AUGUST	SEPTEMBER	TOTAL
152380	63620	58000	1,559,520
385520	81960	57500	3,301,142
143300	67250	62520	2,045,950
116848	45720	39168	1,482,676
356160	109940	68900	2,914,444
84156	53500	51212	2,182,152
116400	52222	49704	1,985,716
106720	49496	40914	1,480,636
147580	53000	46344	2,269,856
201920	71972	43830	3,029,516
78860	39870	34660	1,183,050
163340	52410	41090	1,703,390
335840	101600	62070	3,207,380
197960	64920	55524	1,844,626
226800	63690	57220	2,744,790
110040	55970	56390	2,756,360
233040	74906	59636	2,494,052
173980	83380	66080	2,477,090
158660	82964	54290	2,060,494
124130	58742	52654	2,133,218
83872	40926	39672	1,213,994
293818	80102	53686	2,593,244
260216	65224	43950	2,257,840
112526	56292	51122	2,035,502
69736	36404	34262	1,674,600
117324	40586	39234	1,549,408
175390	62908	48784	2,905,074
148066	65210	47974	2,444,710
192504	67552	42946	1,766,526
35296	24426	25320	892,242
152598	60730	47302	2,336,518
42192	30858	29480	1,114,298
234042	74454	57570	2,673,106
15962	51846	38016	2,434,530
96482	35716	31802	1,338,510
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

FOR IRRIGATION YEARS BEG

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

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
91246	177172	251538	110844	34042	23952	23940	946,884
135826	336006	564176	458224	154044	57524	42730	1,922,920
64474	239342	341610	538198	106458	43964	32200	1,587,524
151696	249648	204008	85624	36200	23570	26072	1,080,470
83150	299458	428528	363262	98220	38058	29980	1,585,126
100060	577594	625906	319284	79080	43354	38360	1,984,842
89870	207358	381192	178996	59986	25948	25746	1,166,320
191026	505100	711314	558138	201292	71190	46910	2,625,842
164294	328918	341836	136300	60358	28454	30436	1,379,002
201512	355842	434480	227258	64910	30808	39548	1,612,680
113448	188300	365336	266776	85452	54496	41720	1,404,722
87804	341622	325576	362374	139112	46790	35496	1,682,756
235138	1006532	722804	627754	359598	100484	53192	3,563,670
68094	164000	303208	247726	106326	43264	35352	1,258,266
99160	202368	473146	405996	139040	51630	39020	1,682,684
218604	639804	651660	378822	125920	56618	45272	2,436,242
181276	289400	545764	297240	110646	46168	38466	1,905,602
73396	264424	505792	459706	109372	44612	36580	1,789,114
146834	416548	571670	304424	93542	41120	31176	1,849,320
154776	402618	563086	548282	239398	76620	48176	2,329,114
125072	556968	684894	440580	195068	70970	42550	2,547,002
103020	677890	901634	518282	171498	68760	49854	2,866,216
126730	329366	403582	588956	254470	73246	48328	2,169,496
149836	381720	597550	339666	179018	66360	41668	2,074,702
55940	129832	397270	419360	131738	56754	40794	1,464,498
228258	636502	841354	582588	188844	62734	55716	3,173,886
194092	361256	753940	518012	148306	51944	53366	2,424,828
124694	323778	946374	501566	142466	61766	54424	2,494,978
92542	276734	331594	362156	104896	48432	67634	1,629,768
172830	358988	374362	333350	81574	45758	46244	1,725,934
91230	172064	298818	229386	56820	40060	38212	1,176,726
83072	407856	406458	425398	142912	57452	49586	1,861,296
91904	180298	452916	411904	148768	53310	56736	1,788,556
71218	262166	457280	407856	152946	50092	52798	1,731,596
185530	624180	836232	778888	338964	118326	77252	3,662,880
97960	248302	327154	178048	54000	39052	37766	1,271,978
83580	138430	483144	526106	177282	49100	45416	1,764,438
119292	152728	259286	278606	76126	72200	55250	1,321,574
143928	654184	724322	396216	128856	51278	48678	2,568,330

ACRE FEET

CHART NO. 4

1895

JULY	AUGUST	SEPTEMBER	TOTAL
34042	23952	23940	946,884
154044	57524	42730	1,922,920
106458	43964	32200	1,587,524
36200	23570	26072	1,080,470
98220	38058	29980	1,585,126
79080	43354	38360	1,984,842
59986	25948	25746	1,166,320
201292	71190	46910	2,625,842
60358	28454	30436	1,379,002
64910	30808	39548	1,612,680
85452	54496	41720	1,404,722
139112	46790	35496	1,682,756
359598	100484	53192	3,563,670
106326	43264	35352	1,258,266
139040	51630	39020	1,682,684
125920	56618	45272	2,436,242
110646	46168	38466	1,905,602
109372	44612	36580	1,789,114
93542	41120	31176	1,849,320
239398	76620	48176	2,329,114
195068	70970	42550	2,547,002
171498	68760	49854	2,866,216
254470	73246	48328	2,169,496
179018	66360	41668	2,074,702
131738	56754	40794	1,464,498
188844	62734	55716	3,173,886
148306	51944	53366	2,424,828
142466	61766	54424	2,494,978
104896	48432	67634	1,629,768
81574	45758	46244	1,725,934
56820	40060	38212	1,176,726
142912	57452	49586	1,861,296
148768	53310	56736	1,788,556
152946	50092	52798	1,731,596
338964	118326	77252	3,662,880
54000	39052	37766	1,271,978
177282	49100	45416	1,764,438
76126	72200	55250	1,321,574
128856	51278	48678	2,568,330

DISCHARGE IN SECOND FEET OF
BY DAYS DURING THE IRRIGATION SEAS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	APRIL
AIKEN															
ANDREWS															
BALLENTYNE															
BAXTER															
BOISE CITY															
BOONE															
BOWMAN-SWISHER															
BUBB(SOUTH BOISE MUTUAL)															
CALDWELL HIGH LINE															
CAMPBELL (CANYON)										21	20	25	25	32	28
										37	39	41	43	45	47
CANYON COUNTY															
CONWAY-HAMMING															
DAVIS DITCH															
EUREKA #2												9	9	9	9
FARMERS UNION						30	30	30	31	33	34	36	37	39	40
		34	39	25	25	24	23	21	24	25	35	63	65	67	67
GRAHAM-GILBERT															
HAAS															
HART-DAVIS															
ISLAND HIGH LINE															
LEMP															
LITTLE PIONEER															
LOWER CENTER POINT								24	26	28	30	31	33	35	
MACE-CATLIN															
MACE-MACE															
MAMMON															
MCCONNEL ISLAND															
MC MANUS & TEATER															
MEEVES															
MIDDLETON															
NEW DRY CREEK															
NEW YORK CANAL (B. OF C.)	393	500	800	950	1100	1100	1100	1134	1141	1249	1353	1353	1361	1365	
PARMA															
PENITENTIARY															
PHYLLIS		133	160	189	187	187	187	185	186	183	187	183	185	183	194
RIDENBAUGH					102	101	164	165	162	163	163	159	212	227	
RIVERSIDE	147	147	147	147	147	148	151	152	151	147	152	149	148	155	150
ROEDEL															
ROSSI MILL															
SEBREE (FARMERS CO-OP)														4	5
SETTLERS								20	20	34	39	43	48	52	63
										20	20	20	20	20	26
SEVEN SUCKERS		3	3	3	3	3	3	3	3	3	3	3	4	4	4
SIEBERG															
THURMAN MILL															
UPPER CENTER POINT								4	4	4	5	5	5	6	6
WARM SPRINGS SLOUGH															
TOTAL CANAL DIVERSIONS	480	780	1144	1328	1462	1595	1596	1681	1739	1835	1964	2095	2130	2220	2277
MISCELLANEOUS															
TOTAL DIVERSIONS															2314

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1969, INCLUDING STORAGE

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

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
												3	3		6
												15	15		30
18	18	18	18	18	18	18	18	19	19	19	20	20	20	20	263
11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	188
	33	33	33	33	33	34	34	35	35	36	36	36	36	36	447
														2	2
															0
					10	10	11	11	12	12	13	13	13	13	118
7	30	30	32	31	34	49	49	49	49	49	55	38	49	89	811
6	45	44	44	43	43	42	41	40	39	38	37	36	34	33	857
					47	52	65	69	69	69	70	72	69	74	656
															0
9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	159
42	43	49	54	60	65	71	77	83	83	82	82	81	81	80	1373
76	91	104	143	148	171	170	187	186	186	188	187	198	196	200	2901
															0
												6	8		14
						18	18	17	17	16	16	15	15	15	147
						46	46	45	45	45	44	44	44	46	405
															0
37	39	41	44	47	50	53	55	52	49	46	43	41	38	35	877
								31	30	29	28	28	27	26	199
				11	11	11	11	11	11	11	10	10	10	10	117
															0
															0
						61	61	62	62	62	63	63	63	63	560
	9	8	7	6	6	5	4	3	3	2	2	1	1	0	57
					3	3	3	3	3	3	3	3	3	3	30
	122	131	141	151	161	171	181	180	179	179	178	178	177	176	2305
	30	30	30	30	69	69	69	69	69	69	69	69	69	69	810
1373	1479	1695	1690	1695	1690	1891	2095	2285	2105	2285	2285	2275	2326	2487	45595
						10	12	15	17	20	22	25	27	27	175
															0
237	234	259	285	311	315	319	441	451	451	408	408	406	408	313	7775
190	146	224	200	231	272	351	410	334	385	319	421	458	464	472	6495
148	149	142	137	133	150	145	144	150	150	155	147	139	148	151	4426
															0
6	7	7	8	9	10	10	11	11	11	12	12	12	12	12	159
69	77	79	80	82	82	108	141	154	164	164	164	164	164	164	2135
32	38	43	49	55	61	71	81	92	102	113	124	134	139	143	1443
4	4	4	4	4	4	4	4	3	3	2	2	1	0	0	85
						24	23	21	20	18	16	14	13	13	162
					62	62	61	60	60	59	59	58	55	51	587
7	7	8	9	9	10	10	11	11	12	14	15	17	18	20	217
														11	11
2314	2588	2969	3028	3127	3397	3907	4384	4571	4460	4543	4651	4669	4763	4900	82597
															74
															8267

NAME OF CANAL

AIKEN
ANDREWS
BALLENTYNE
BAXTER
BOISE CITY

BOONE
BOWMAN-SWISHER
BUBB(SOUTH BOISE MUTUAL)
CALDWELL HIGH LINE
CAMPBELL (CANYON)

CANYON COUNTY
CONWAY-HAMMING
DAVIS DITCH
EUREKA #2
FARMERS UNION

GRAHAM-GILBERT
HAAS
HART-DAVIS
ISLAND HIGH LINE
LEMP

LITTLE PIONEER
LOWER CENTER POINT
MACE-CATLIN
MACE-MACE
MAMMON

McCONNEL ISLAND
McMANUS & TEATER
MEEVES
MIDDLETON
NEW DRY CREEK

NEW YORK CANAL (B. OF C.
PARMA
PENITENTIARY
PHYLLIS
RIDENBAUGH

RIVERSIDE
ROEDEL
ROSSI MILL
SEBREE (FARMERS CO-OP)
SETTLERS

SEVEN SUCKERS
SIEBENBERG
THURMAN MILL
UPPER CENTER POINT
WARM SPRINGS SLOUGH

TOTAL CANAL DIVERSIONS
MISCELLANEOUS
TOTAL DIVERSIONS

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1969, INCLUDING STORAGE

	9	10	11	12	13	MAY 14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
4	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4
20	22	23	24	25	25	26	27	27	28	29	29	29	28	27	26	24	23	22	21	20	19
19	19	18	18	17	16	15	14	16	18	19	20	21	22	24	25	26	27	26	24	22	22
6	7	7	7	7	9	11	13	15	17	19	21	20	19	18	18	17	16	15	0	0	0
34	34	33	32	31	31	32	32	33	33	34	34	34	33	33	33	33	33	33	34	36	35
2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1
21	18	16	13	11	8	6	6	6	6	7	7	7	7	7	6	6	6	5	5	5	5
14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	16	16	16	17	17	17	17
48	48	49	46	47	48	49	48	49	48	49	48	48	48	49	49	48	48	52	52	52	48
46	46	46	47	47	47	47	44	41	39	36	33	31	31	31	31	31	30	30	30	30	30
79	78	78	78	80	81	82	83	84	84	85	86	85	86	85	84	83	82	81	80	72	72
0	0	0	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	12	12	12	12
100	101	102	102	103	103	104	100	97	93	90	86	84	84	84	84	84	84	84	84	84	84
248	266	277	278	268	265	264	263	263	262	252	252	253	253	253	256	256	256	258	259	259	260
0	0	0	0	0	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
0	19	17	16	15	14	13	12	11	10	10	9	8	9	10	11	12	12	13	14	14	13
6	16	16	17	17	17	17	17	18	18	18	19	19	19	19	19	19	19	19	18	16	14
7	55	53	51	49	48	48	49	49	50	50	51	51	51	51	51	52	52	52	52	52	53
0	0	0	0	1	1	1	1	1	0	0	0	1	2	3	4	5	6	6	5	5	4
2	45	47	50	52	54	56	52	48	44	40	37	34	32	28	33	38	42	47	52	57	62
1	21	21	20	20	20	19	19	21	24	27	30	33	36	34	31	28	25	22	19	16	16
1	11	11	11	11	11	11	10	9	8	8	7	6	5	5	5	6	6	6	7	7	7
0	0	0	0	2	2	3	3	4	4	5	5	5	5	5	4	4	4	4	4	4	4
0	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0	0	0	0	4	4
61	60	60	59	58	58	59	61	62	63	64	66	67	67	66	66	65	65	64	64	62	60
2	2	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
0	0	0	0	2	0	3	0	0	0	3	3	0	0	0	0	0	0	8	8	3	3
72	172	172	172	172	172	172	172	173	173	174	175	175	176	176	174	172	170	167	165	163	162
85	85	85	95	97	95	85	85	85	85	85	80	85	85	85	85	85	80	85	80	80	80
86	2657	2713	2696	2685	2718	2718	2718	2830	2847	2847	2853	2853	2853	2853	2830	2836	2836	2836	2836	2842	2836
26	26	25	25	25	25	24	23	23	22	21	20	20	21	22	23	24	24	25	26	25	24
12	12	12	12	12	12	12	12	12	12	12	11	6	6	6	6	9	5	6	6	7	7
385	440	459	457	495	501	476	477	479	479	479	487	457	454	431	427	429	427	423	440	453	455
586	596	593	579	582	584	579	569	560	550	560	560	536	530	535	554	557	557	554	554	554	557
159	218	216	230	245	244	250	238	250	247	238	244	255	244	272	238	244	239	242	236	234	239
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6
10	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12
227	275	273	270	270	268	292	269	275	275	275	278	273	264	263	260	260	263	280	275	275	268
174	184	186	187	191	194	181	177	187	185	187	191	181	181	181	181	181	181	180	183	182	185
0	0	0	0	0	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3
12	12	12	12	12	12	12	12	11	11	11	10	10	10	10	10	11	11	11	11	11	11
32	33	33	34	35	36	37	37	37	38	38	38	38	38	38	38	38	38	38	38	38	38
15	16	16	17	17	18	18	19	18	17	16	15	14	13	13	12	12	11	11	10	10	11
5	8	8	8	7	7	7	7	7	7	8	8	8	8	8	8	8	7	7	7	7	7
570	5627	5713	5713	5768	5799	5787	5736	5863	5864	5866	5880	5810	5780	5785	5744	5764	5752	5783	5785	5779	5762

7	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	131	
27	28	29	29	28	27	26	24	23	22	21	20	19	18	16	679	
16	18	19	20	21	22	24	25	26	27	26	24	22	19	18	636	
15	17	19	21	20	19	18	18	17	16	15	0	0	0	0	325	
33	33	34	34	34	33	33	33	33	33	34	36	35	34	34	1056	
2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	47	
6	6	7	7	7	7	6	6	6	5	5	5	5	5	5	210	
14	14	14	14	15	15	16	16	16	17	17	17	17	16	16	456	
49	48	49	48	48	49	49	48	48	52	52	52	48	48	48	1773	
41	39	36	33	31	31	31	31	30	30	30	30	30	30	30	1165	
84	84	85	86	85	86	85	84	83	82	81	80	72	72	72	2443	
5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	94	
10	10	10	10	10	10	11	11	11	12	12	12	12	12	12	334	
97	93	90	86	84	84	84	84	84	84	84	84	84	84	83	2816	
263	262	252	252	253	253	256	256	256	258	259	259	260	260	260	7743	
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	58	
10	10	9	8	9	10	11	12	12	13	14	14	13	13	12	430	
18	18	19	19	19	19	19	19	19	19	18	16	14	12	10	514	
50	50	51	51	51	51	51	52	52	52	52	52	53	53	54	1622	
0	0	0	1	2	3	4	5	6	6	5	5	4	4	3	53	
44	40	37	34	32	28	33	38	42	47	52	57	62	60	57	1374	
24	27	30	33	36	34	31	28	25	22	19	16	16	16	16	721	
8	8	7	6	5	5	5	6	6	6	7	7	7	8	8	270	
4	5	5	5	5	5	5	4	4	4	4	4	4	3	3	77	
4	4	4	0	0	0	0	0	0	0	0	4	4	4	4	40	
2	63	64	66	67	67	66	66	65	64	64	62	60	59	57	1929	
5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	115	
0	0	3	3	0	0	0	0	0	8	8	3	3	3	3	56	
3	173	174	175	175	176	176	174	172	167	165	163	161	162	164	5310	
5	85	85	80	85	85	85	85	80	85	80	80	80	80	85	2573	
30	2847	2847	2853	2853	2853	2853	2830	2836	2836	2836	2836	2842	2836	2802	2808	85763
23	22	21	20	20	21	22	23	24	24	25	26	25	24	23	23	749
12	12	12	11	6	6	6	6	9	5	6	6	7	7	7	7	231
79	479	479	487	457	454	431	427	429	427	423	440	453	455	455	453	13165
60	550	560	560	536	530	535	554	557	557	554	554	554	557	548	548	17192
50	247	238	244	255	244	272	238	244	239	242	236	234	239	241	232	6753
0	0	0	0	0	0	0	0	0	6	6	6	6	6	5	5	40
13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	371
75	275	275	278	273	264	263	260	260	263	280	275	275	268	263	258	7553
87	185	187	191	181	181	181	181	181	181	180	183	182	185	182	178	5547
2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	50
11	11	11	10	10	10	10	10	11	11	11	11	11	11	11	11	353
37	38	38	38	38	38	38	38	38	38	38	38	38	38	39	39	1146
18	17	16	15	14	13	13	12	12	11	11	10	10	11	12	13	477
7	7	8	8	8	8	8	8	8	7	7	7	7	7	6	6	248
53	5864	5866	5880	5810	5780	5785	5744	5764	5752	5783	5785	5779	5762	5703	5685	174688
																466
																175154

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

NAME OF CANAL	JUNE														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	3	2	2	2	2	4	4	4	5	5	4	4	3	3	2
ANDREWS	15	13	12	10	9	11	13	15	16	18	20	22	20	18	16
BALLENTYNE	16	15	15	16	16	17	17	18	18	18	18	18	18	17	17
BAXTER	0	0	0	0	0	0	0	12	12	12	12	12	12	0	0
BOISE CITY	35	35	34	34	34	34	36	40	40	0	36	38	39	36	34
BOONE	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
BOWMAN-SWISHER	5	5	5	5	5	6	7	9	10	11	12	13	13	12	12
BUBB (SOUTH BOISE MUTUAL)	16	15	15	15	15	15	15	15	15	15	15	15	15	14	14
CALDWELL HIGH LINE	52	49	49	49	52	53	53	57	55	52	51	50	52	49	48
CAMPBELL (CANYON)	29	29	29	29	30	31	32	33	34	35	36	36	35	34	34
CANYON COUNTY	72	72	73	73	73	84	85	87	88	88	88	88	87	84	84
CONWAY-HAMMING	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0
DAVIS DITCH	12	12	12	12	13	13	13	14	14	14	14	13	13	12	12
EUREKA #2	83	83	82	82	84	86	88	90	91	93	95	91	86	81	77
FARMERS UNION	262	263	262	263	262	261	259	260	256	255	242	242	241	241	240
GRAHAM-GILBERT	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
HAAS	12	11	11	10	10	11	12	13	14	15	16	17	16	16	15
HART-DAVIS	9	8	9	10	11	12	12	13	14	13	13	12	11	11	10
ISLAND HIGH LINE	54	55	56	57	58	58	58	57	57	57	56	56	56	56	56
LEMP	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0
LITTLE PIONEER	54	51	49	46	43	43	43	43	43	43	44	45	47	49	51
LOWER CENTER POINT	16	16	16	16	18	20	22	24	26	28	30	30	30	30	0
MACE-CATLIN	9	9	9	9	9	9	9	9	9	0	0	0	0	8	8
MACE-MACE	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2
MAMMON	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0
MCCONNEL ISLAND	56	54	53	51	50	51	52	53	55	56	57	58	53	49	44
MCMAHUS & TEATER	7	7	8	8	7	6	5	4	3	2	2	1	1	1	0
MEEVES	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
MIDDLETON	166	167	169	170	172	179	186	193	200	208	202	176	170	163	156
NEW DRY CREEK	85	83	85	85	85	85	85	85	81	85	85	85	85	85	85
NEW YORK CANAL (B. OF C.)	2808	2808	2791	2791	2802	2769	2741	2769	2774	2774	2774	2685	2724	2724	2690
PARMA	22	22	21	20	19	19	18	18	17	16	16	15	15	16	16
PENITENTIARY	6	6	9	9	8	6	7	7	6	5	4	4	2	2	2
PHYLLIS	453	448	446	457	448	459	493	491	487	351	350	350	374	377	374
RIDENBAUGH	554	545	555	561	554	554	554	503	520	528	523	523	523	528	547
RIVERSIDE	236	239	235	226	238	245	257	258	260	253	249	244	235	245	230
ROEDEL	4	4	3	3	3	3	3	2	2	2	2	2	2	2	3
ROSSI MILL	12	12	12	12	12	12	11	11	11	11	11	10	10	10	9
SEBREE (FARMERS CO-OP)	263	258	246	274	280	315	303	303	321	275	312	306	309	312	300
SETTLERS	177	175	173	176	176	178	180	181	171	165	163	163	162	161	161
SEVEN SUCKERS	4	4	4	4	4	3	3	3	3	3	3	2	2	2	1
SIEBENBERG	10	10	10	10	10	12	15	18	21	24	26	24	22	20	19
THURMAN MILL	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
UPPER CENTER POINT	15	16	17	18	18	19	19	20	20	21	21	20	19	18	16
WARM SPRINGS SLOUGH	5	5	4	4	5	6	7	8	9	10	9	8	6	5	5
TOTAL CANAL DIVERSIONS	5693	5661	5636	5671	5688	5742	5769	5792	5830	5609	5659	5522	5552	5537	5435
MISCELLANEOUS															
TOTAL DIVERSIONS															

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1969, INCLUDING STORAGE

JUNE																				26	27	28	29	30
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
5	5	4	4	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
16	18	20	22	20	18	16	13	10	8	6	8	10	13	16	18	20	22	24	20	17	14	14	14	14
18	18	18	18	18	17	17	17	17	17	17	17	0	0	0	0	0	10	10	10	10	10	10	10	10
12	12	12	12	12	0	0	0	0	0	0	0	0	0	13	13	13	13	13	12	11	11	11	11	11
40	0	36	38	39	36	34	35	33	34	37	37	34	35	34	30	0	0	30	33	33	33	32	32	32
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	11	12	13	13	12	12	12	11	11	11	11	11	11	11	10	10	10	10	9	9	8	8	8	8
15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	13	13	12	12	11	11	10	10	10	10
55	52	51	50	52	49	48	49	52	55	53	49	49	49	49	52	48	49	49	49	48	48	48	48	48
34	35	36	36	35	34	34	33	32	32	31	30	29	28	26	25	23	22	21	21	20	20	20	20	20
88	88	88	88	87	84	84	83	72	79	78	78	78	76	77	76	69	74	72	71	70	68	68	68	68
4	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	3	0	0	0	0	0
14	14	14	13	13	12	12	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10
91	93	95	91	86	81	77	73	68	64	64	64	65	65	65	66	66	66	65	64	63	62	62	62	62
256	255	242	242	241	241	240	251	248	261	260	260	260	259	255	229	228	228	216	195	194	189	189	189	189
0	0	0	0	0	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
14	15	16	17	16	16	15	15	14	13	13	13	13	13	13	0	0	0	0	0	0	10	10	10	10
14	13	13	12	11	11	10	9	9	9	8	8	8	8	8	7	6	6	5	4	3	2	2	2	2
57	57	56	56	56	56	56	57	57	57	57	57	57	57	57	57	57	57	57	55	53	51	51	51	51
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	43	44	45	47	49	51	52	50	48	46	44	41	38	36	34	32	0	0	0	11	11	11	11	11
26	28	30	30	30	30	0	0	0	0	0	0	0	0	41	41	41	41	39	37	35	32	32	32	32
9	0	0	0	0	8	8	8	8	7	7	6	6	5	5	4	4	4	5	5	5	6	6	6	6
3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	4	4	0	0	0	0	0	0	0	8	8	8	7	7	7	6	6	6	6	7	7	7	7	7
55	56	57	58	59	49	44	40	35	31	26	28	30	33	36	38	40	42	44	41	39	36	36	36	36
3	2	2	1	1	1	0	0	0	0	0	0	0	0	9	9	9	9	9	9	0	0	0	0	0
1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0
200	208	202	176	170	163	156	150	149	147	146	145	143	142	141	139	138	136	134	132	130	129	129	129	129
81	85	85	85	85	85	85	85	70	85	85	74	74	74	83	74	74	74	74	74	74	71	71	71	71
2774	2774	2774	2685	2724	2724	2690	2685	2735	2808	2797	2808	2814	2808	2808	2808	2797	2711	2746	2693	2546	2540	2540	2540	2540
17	16	16	15	15	16	16	17	17	18	18	18	18	18	18	17	17	17	17	16	15	14	14	14	14
6	5	4	4	2	2	2	2	2	2	8	6	8	7	9	5	6	6	7	7	7	7	7	7	7
487	351	350	350	374	377	374	436	429	448	459	455	465	459	467	425	432	391	400	319	323	323	323	323	323
520	528	523	523	523	528	547	542	542	544	544	544	542	542	544	499	500	518	520	513	513	522	522	522	522
260	253	249	244	235	245	230	244	239	231	236	252	233	235	241	244	236	256	260	244	226	229	229	229	229
2	2	2	2	2	2	3	3	3	3	3	3	3	4	0	0	0	0	0	0	0	4	4	4	4
11	11	11	10	10	10	9	9	9	9	10	10	10	11	11	11	11	11	10	10	10	10	10	10	10
321	275	312	306	309	312	300	309	309	329	369	397	300	300	385	209	209	231	239	239	224	224	224	224	224
171	165	163	163	162	161	161	169	168	168	173	174	174	174	175	163	150	157	158	144	137	140	140	140	140
3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
21	24	26	24	22	20	19	17	15	13	13	13	13	13	12	12	12	12	12	12	12	13	13	13	13
40	40	40	40	40	40	40	40	40	40	40	39	39	39	39	37	35	32	29	27	24	22	22	22	22
20	21	21	20	19	18	16	15	13	11	11	11	11	11	0	0	0	0	0	0	16	16	16	16	16
9	10	9	8	6	5	5	3	3	3	3	3	2	2	2	2	2	2	2	2	0	0	0	0	0
5830	5609	5659	5522	5552	5537	5435	5509	5496	5621	5673	5705	5588	5576	5733	5400	5330	5251	5318	5106	4913	4908	4908	4908	4908

VALLEY CANALS
1969, INCLUDING STORAGE

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
2	2	2	2	2	3	3	3	3	3	3	3	3	2	2		87
13	10	8	6	8	10	13	16	18	20	22	24	20	17	14		447
17	17	17	17	17	0	0	0	0	0	10	10	10	10	10		389
0	0	0	0	0	0	0	13	13	13	13	13	12	11	11		171
35	33	34	37	37	34	35	34	30	0	0	30	33	33	32		942
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4
12	11	11	11	11	11	11	11	10	10	10	10	9	9	8		285
14	14	14	14	14	14	14	14	13	13	12	12	11	11	10		418
49	52	55	53	49	49	49	49	52	48	49	49	49	48	48		1519
33	32	32	31	30	29	28	26	25	23	22	21	21	20	20		879
83	72	79	78	78	78	76	77	76	69	74	72	71	70	68		2347
0	0	0	0	0	4	4	4	4	4	4	4	3	0	0		67
11	11	11	11	11	11	11	11	11	11	11	10	10	10	10		354
73	68	64	64	64	65	65	65	66	66	66	65	64	63	62		2272
251	248	261	260	260	260	259	255	229	228	228	216	195	194	189		7342
4	4	3	3	3	3	3	3	3	3	3	3	3	2	2		51
15	14	13	13	13	13	13	13	0	0	0	0	0	0	10		316
9	9	9	9	8	8	8	8	7	6	6	5	4	3	2		269
57	57	57	57	57	57	57	57	57	57	57	57	55	53	51		1690
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		7
52	50	48	46	44	41	38	36	34	32	0	0	0	11	11		1137
0	0	0	0	0	0	0	41	41	41	41	39	37	35	32		629
8	8	8	7	7	6	6	5	4	4	4	5	5	5	6		182
2	2	2	2	1	1	1	1	1	1	1	1	1	1	1		61
0	0	0	0	8	8	8	7	7	6	6	6	6	7	7		127
44	40	35	31	26	28	30	33	36	38	42	44	41	39	36		1331
0	0	0	0	0	0	0	0	9	9	9	9	9	0	0		116
2	2	3	3	3	3	3	3	3	3	3	0	0	0	0		51
56	150	149	147	146	145	143	142	141	139	136	134	132	130	129		4778
85	85	70	85	85	74	74	74	83	74	74	74	74	74	71		2414
690	2685	2735	2808	2797	2808	2814	2808	2808	2808	2797	2711	2746	2693	2546	2540	82528
16	17	17	18	18	18	18	18	18	17	17	17	17	16	15	14	525
2	2	2	2	8	6	8	7	9	5	6	6	7	7	7	7	172
374	436	429	448	459	455	465	459	467	425	432	391	400	319	323	323	12589
547	542	542	544	544	544	542	542	544	499	500	518	520	513	513	522	16001
230	244	239	231	236	252	233	235	241	244	236	256	260	244	226	229	7256
3	3	3	3	3	3	3	4	0	0	0	0	0	0	0	4	66
9	9	9	9	10	10	10	11	11	11	11	11	10	10	10	10	318
300	309	309	329	369	397	300	300	385	209	209	231	239	239	224	224	8650
161	169	168	168	173	174	174	174	175	163	150	157	158	144	137	140	4986
1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	64
19	17	15	13	13	13	13	13	12	12	12	12	12	12	12	13	445
40	40	40	40	40	39	39	39	39	37	35	32	29	27	24	22	1122
16	15	13	11	11	11	11	11	0	0	0	0	0	0	16	16	392
5	3	3	3	3	3	2	2	2	2	2	2	2	2	0	0	127
535	5509	5496	5621	5673	5705	5588	5576	5733	5400	5330	5251	5318	5106	4913	4908	165923
																977
																166900

NAME OF CANAL

NAME OF CANAL														JULY			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
AIKEN	2	2	2	3	3	4	4	4	5	3	3	4	2	2	2	2	
ANDREWS	10	7	4	7	11	14	18	21	25	28	28	28	28	28	28	28	
BALLENTYNE	12	14	16	19	21	23	25	24	23	23	22	22	21	20	20	21	
BAXTER	10	10	9	9	10	10	10	11	11	11	11	11	11	11	11	11	
BOISE CITY	34	33	33	32	32	33	0	35	35	35	35	35	35	33	35	35	
BOONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BOWMAN-SWISHER	8	7	7	8	9	10	12	13	15	16	16	15	15	14	14	13	
BUBB (SOUTH BOISE MUTUAL)	12	12	12	14	12	10	10	12	17	16	11	12	12	14	16	0	
CALDWELL HIGH LINE	49	51	49	49	48	49	48	49	50	49	55	55	55	57	55	57	
CAMPBELL (CANYON)	19	19	21	23	24	26	28	29	31	32	32	33	33	34	34	35	
CANYON COUNTY	69	67	65	64	64	66	68	72	68	65	63	60	58	56	60	75	
CONWAY-HAMMING	0	0	0	8	8	8	8	8	8	8	8	7	7	7	7	7	
DAVIS DITCH	10	10	10	9	9	9	9	10	10	11	12	12	13	14	14	14	
EUREKA #2	61	60	68	77	85	94	102	110	119	119	120	120	121	121	122	122	
FARMERS UNION	215	233	243	242	246	248	249	0	234	234	236	241	245	243	243	241	
GRAHAM-GILBERT	2	2	2	2	3	3	3	3	3	3	4	2	2	2	2	2	
HAAS	10	10	10	11	12	12	13	13	14	15	15	15	15	0	0	0	
HART-DAVIS	3	4	5	7	9	10	12	12	13	13	13	14	14	14	14	15	
ISLAND HIGH LINE	49	47	45	45	44	44	44	43	43	43	42	41	41	40	40	39	
LEMP	0	0	0	0	18	18	18	18	16	14	12	11	10	8	6	6	
LITTLE PIONEER	11	17	23	30	36	42	48	47	46	45	43	42	40	39	38	34	
LOWER CENTER POINT	30	28	27	27	26	25	25	24	23	25	28	30	33	35	37	40	
MACE-CATLIN	6	6	7	7	8	8	9	9	9	9	9	8	8	8	8	8	
MACE-MACE	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
MAMMON	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
MCCONNELL ISLAND	34	31	29	27	25	23	22	20	19	17	17	17	17	16	16	16	
MCMANUS & TEATER	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	13	
MEEVES	0	0	0	0	0	0	4	4	4	4	4	4	4	11	4	4	
MIDDLETON	127	133	138	144	149	155	161	167	171	176	180	185	189	194	198	198	
NEW DRY CREEK	74	74	74	74	74	74	69	74	74	74	60	76	76	74	85	85	
NEW YORK CANAL (B. OF C.)	2546	2551	2763	2718	2713	2713	2713	2713	2808	2808	2808	2808	2797	2825	2814	2814	
PARMA	14	13	12	13	14	14	15	15	16	17	17	17	18	18	18	19	
PENITENTIARY	7	7	7	7	7	6	5	7	5	5	4	4	4	2	6	7	
PHYLLIS	323	362	400	444	429	429	427	436	465	442	471	475	473	471	473	451	
RIDENBAUGH	517	528	537	539	542	539	543	539	543	545	540	540	540	540	543	542	
RIVERSIDE	224	222	211	217	230	221	226	232	230	229	214	213	224	224	213	223	
ROEDEL	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	
ROSSI MILL	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	
SEBREE (FARMERS CO-OP)	219	268	318	318	336	333	333	327	332	345	369	366	366	366	366	369	
SETTLERS	153	158	159	162	161	163	164	165	0	166	175	178	184	177	185	183	
SEVEN SUCKERS	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	3	
SIEBENBERG	13	13	13	12	12	12	11	11	11	13	15	17	19	21	23	25	
THURMAN MILL	24	27	30	32	34	36	38	38	38	38	37	37	37	37	37	37	
UPPER CENTER POINT	16	16	16	16	16	17	17	17	17	16	15	14	13	12	11	10	
WARM SPRINGS SLOUGH	0	0	0	0	6	6	6	6	7	8	9	10	11	12	13	11	
TOTAL CANAL DIVERSIONS	4938	5067	5392	5443	5513	5530	5540	5361	5581	5743	5774	5800	5825	5834	5845	5833	
MISCELLANEOUS																	
TOTAL DIVERSIONS																	

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1969, INCLUDING STORAGE

JULY																				
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4	5	3	3	4	2	2	2	2	2	2	1	1	1	1	1	1	1	6	6	6
21	25	28	28	28	28	28	28	28	28	29	30	31	31	32	33	34	33	32	31	30
24	23	23	22	22	21	20	20	21	21	21	22	22	22	21	20	19	18	17	16	15
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	9	9
35	35	35	35	35	35	33	35	35	34	35	35	35	33	35	32	32	33	32	29	27
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	15	16	16	15	15	14	14	13	13	14	15	15	16	17	17	18	18	18	19	19
12	17	16	11	12	12	14	16	0	16	14	11	14	16	16	14	11	9	11	13	16
49	50	49	55	55	55	57	55	57	57	57	57	55	57	57	57	57	55	57	57	55
29	31	32	32	33	33	34	34	35	39	43	47	51	55	59	63	57	51	45	39	33
72	68	65	63	60	58	56	60	75	81	77	82	85	86	82	81	81	74	74	78	76
8	8	8	8	7	7	7	7	7	7	6	6	5	5	5	5	5	5	5	5	5
10	10	11	12	12	13	14	14	14	14	14	14	14	14	14	13	13	13	12	12	12
110	119	119	120	120	121	121	122	122	121	120	119	118	117	116	115	112	109	106	103	101
0	234	234	236	241	245	243	243	243	241	240	242	241	0	224	224	233	233	232	232	232
3	3	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
13	14	15	15	15	15	0	0	0	0	0	0	0	11	11	11	11	11	12	12	13
12	13	13	13	14	14	14	14	15	15	16	16	17	17	18	19	19	20	20	21	21
43	43	43	42	41	41	40	40	39	38	40	41	43	45	46	48	49	49	48	48	47
18	16	14	12	11	10	8	6	6	6	6	6	6	6	6	7	8	8	9	9	10
47	46	45	43	42	40	39	38	34	30	26	22	18	14	10	44	44	44	44	43	43
24	23	25	28	30	33	35	37	40	39	38	38	37	37	36	35	35	34	34	33	33
9	9	9	9	8	8	8	8	8	8	8	7	7	7	7	7	7	7	8	8	8
2	2	2	2	2	2	2	2	2	2	6	6	6	6	6	6	6	5	5	5	5
9	9	9	9	9	9	9	9	9	9	8	7	7	6	6	5	4	5	5	6	6
20	19	17	17	17	17	16	16	16	16	16	17	17	17	18	18	18	18	17	17	16
0	0	0	0	0	0	13	13	13	13	13	13	0	0	0	0	5	5	5	5	5
4	4	4	4	4	4	11	4	4	4	0	0	0	4	4	4	4	0	0	0	3
11	167	171	176	180	185	189	194	198	198	198	198	198	198	198	192	186	181	176	171	165
9	74	74	74	60	76	76	74	85	85	85	85	85	79	85	79	79	76	76	76	76
3	2713	2808	2808	2808	2808	2797	2825	2814	2814	2808	2830	2825	2830	2830	2724	2718	2718	2730	2780	2662
15	15	16	17	17	17	18	18	18	19	19	19	19	19	19	19	19	19	20	20	21
5	7	5	5	4	4	4	2	6	7	7	7	5	6	6	6	8	6	6	7	7
27	436	465	442	471	475	473	471	473	451	453	455	435	435	440	462	463	446	446	453	448
43	539	543	545	540	540	540	540	543	542	556	556	553	556	564	557	557	554	554	554	550
26	232	230	229	214	213	224	224	213	223	209	218	216	213	220	217	217	199	202	198	204
0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	4	4	0	0
10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
33	327	332	345	369	366	366	366	366	366	369	363	363	363	366	366	322	309	309	315	321
64	165	0	166	175	178	184	177	185	183	185	187	189	191	193	180	189	187	182	182	181
2	2	2	2	1	1	1	1	1	2	3	3	4	5	6	6	6	0	0	0	0
11	11	11	13	15	17	19	21	23	25	24	22	21	18	17	15	14	14	13	13	13
38	38	38	38	37	37	37	37	37	37	37	37	37	37	37	36	34	32	29	27	25
17	17	17	16	15	14	13	12	11	10	11	12	14	15	17	18	19	19	19	20	20
6	6	7	8	9	10	11	12	13	11	9	8	6	5	3	2	2	2	2	2	2
40	5361	5581	5743	5774	5800	5825	5834	5845	5833	5849	5871	5846	5840	5649	5757	5741	5686	5653	5703	5571

DISCHARGE IN SECOND FEET OF BOISE
BY DAYS DURING THE IRRIGATION SEASON OF 1961

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	AUGUST				15	16
													13	14	15	16		
AIKEN	6	6	7	7	7	7	3	3	3	3	3	3	3	3	3	3	4	
ANDREWS	27	27	28	28	28	29	29	29	29	30	30	30	30	30	29	29	29	
BALLENTYNE	17	17	17	18	18	18	18	18	19	19	19	19	19	19	19	19	19	
BAXTER	9	10	12	14	16	16	16	16	16	16	16	15	14	13	12	11	11	
BOISE CITY	31	31	34	33	33	33	34	34	33	33	33	33	33	31	31	31	31	
BOONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BOWMAN-SWISHER	19	19	18	17	17	16	15	16	16	17	17	18	17	16	15	13	13	
BUBB (SOUTH BOISE MUTUAL)	12	11	14	16	15	14	13	11	12	15	14	13	13	13	11	10	10	
CALDWELL HIGH LINE	57	57	57	55	55	57	55	57	57	55	56	56	55	59	57	57	57	
CAMPBELL (CANYON)	23	25	26	27	30	33	36	38	35	33	30	29	28	27	27	26	26	
CANYON COUNTY	68	71	74	74	68	71	76	82	79	80	82	82	82	83	89	80	80	
CONWAY-HAMMING	5	4	4	4	4	4	4	4	4	4	4	4	4	5	6	6	6	
DAVIS DITCH	13	13	14	14	14	14	13	13	13	12	12	12	12	12	13	13	13	
EUREKA #2	89	87	84	81	83	85	87	89	91	93	95	98	100	103	105	108	108	
FARMERS UNION	241	241	243	245	242	241	241	240	240	243	239	226	228	229	230	231	231	
GRAHAM-GILBERT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
HAAS	14	14	13	13	13	12	12	12	12	0	0	0	0	0	0	0	0	
HART-DAVIS	10	10	10	10	10	10	11	11	13	15	17	17	17	17	17	16	16	
ISLAND HIGH LINE	46	46	45	45	45	44	44	44	44	44	44	44	44	44	43	43	43	
LEMP	7	6	6	5	4	5	5	6	6	7	7	8	8	8	7	7	7	
LITTLE PIONEER	44	44	44	45	45	45	45	45	44	44	44	43	43	43	43	43	43	
LOWER CENTER POINT	28	27	25	23	21	19	16	14	12	9	7	10	12	15	17	20	20	
MACE-CATLIN	11	12	13	14	15	16	15	11	11	11	12	12	12	11	11	10	10	
MACE-MACE	5	5	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	
MAMMON	9	8	8	8	7	7	7	6	5	5	4	3	3	3	4	4	4	
McCONNEL ISLAND	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	
McMANUS & TEATER	5	5	5	5	6	7	8	9	10	11	12	11	10	9	8	8	8	
MEEVES	3	3	3	2	4	4	4	2	2	2	3	0	0	0	3	3	3	
MIDDLETON	161	161	162	162	163	163	163	163	163	163	163	163	163	163	159	155	151	
NEW DRY CREEK	76	76	76	76	74	76	76	76	76	76	74	76	74	74	74	74	74	
NEW YORK CANAL (B. OF C.)	2640	2629	2640	2640	2646	2646	2634	2634	2634	2640	2640	2567	2573	2573	2557	2540	2562	
PARMA	22	23	23	23	24	24	24	24	23	23	22	22	20	18	16	15	14	
PENITENTIARY	2	2	2	8	8	7	8	7	7	7	7	7	7	8	7	7	11	
PHYLLIS	429	393	398	400	425	425	423	423	427	423	425	425	427	425	419	421	425	
RIDENBAUGH	542	537	539	548	538	538	538	540	543	537	545	539	544	542	542	544	542	
RIVERSIDE	187	187	187	186	180	180	182	185	174	180	179	173	174	184	175	180	175	
ROEDEL	0	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	
ROSSI MILL	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
SEBREE (FARMERS CO-OP)	330	327	327	325	324	324	321	321	318	318	310	300	295	297	300	300	300	
SETTLERS	184	177	174	171	172	171	171	171	170	170	168	170	169	170	171	141	141	
SEVEN SUCKERS	0	5	5	5	5	5	4	4	3	2	2	1	1	1	1	1	1	
SIEBENBERG	12	12	11	11	11	11	11	11	12	12	12	12	12	12	12	12	11	
THURMAN MILL	31	32	33	35	35	35	35	35	35	35	35	34	34	33	33	32	32	
UPPER CENTER POINT	18	17	16	15	15	15	15	15	15	15	15	14	14	13	13	12	12	
WARM SPRINGS SLOUGH	4	4	5	6	6	7	7	8	8	8	9	9	9	9	9	10	10	
TOTAL CANAL DIVERSIONS	5464	5415	5440	5452	5464	5472	5450	5458	5446	5442	5438	5330	5335	5347	5320	5266	5295	
MISCELLANEOUS																		
TOTAL DIVERSIONS																		

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1969, 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	4	4	4	5	5	5	5	5	5	5	5	5	5	5
29	30	30	30	30	30	29	29	29	28	28	28	27	26	25	25	24	24	23	22	24
19	19	19	19	19	19	19	19	19	19	19	18	18	17	17	16	16	16	16	16	17
16	16	16	15	14	13	12	11	10	9	6	5	6	7	8	9	11	13	14	15	14
33	33	33	33	33	31	31	31	31	30	30	29	30	31	31	31	31	33	31	31	31
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	17	17	18	17	16	15	13	12	11	9	8	8	8	7	7	7	6	6	6	9
12	13	14	13	13	13	11	10	13	17	13	13	12	12	12	12	13	13	13	13	9
57	55	56	56	55	59	57	57	55	55	55	55	42	52	52	52	53	51	51	51	49
35	33	30	29	28	27	27	26	25	24	23	23	23	24	24	24	25	25	25	24	23
79	80	82	82	82	83	89	80	79	81	80	78	80	80	82	80	77	79	76	63	77
4	4	4	4	4	5	6	6	7	8	9	10	10	9	9	9	8	8	8	8	8
13	12	12	12	12	12	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12
91	93	95	98	100	103	105	108	110	113	116	115	114	113	111	110	109	107	106	103	100
240	243	239	226	228	229	230	231	231	232	233	229	225	222	218	226	224	228	226	228	179
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	0	0	0	0	0	0	0	11	11	11	11	11	10	10	9	9	8	8	7	8
13	15	17	17	17	17	17	16	16	16	16	16	15	15	15	14	14	14	13	13	12
44	44	44	44	44	44	43	43	42	42	41	41	40	39	38	37	36	35	34	33	34
6	7	7	8	8	8	7	7	6	6	5	5	6	6	7	7	8	8	8	8	7
44	44	44	43	43	43	43	43	43	42	42	42	42	43	44	44	45	46	45	44	44
12	9	7	10	12	15	17	20	23	26	29	30	31	32	32	33	33	34	35	35	36
11	11	12	12	12	11	11	10	9	9	9	9	9	9	9	8	8	8	7	6	5
5	5	5	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
5	5	4	3	3	3	4	4	4	5	5	5	5	5	6	6	6	7	7	7	7
14	14	14	14	14	14	14	14	14	14	14	14	16	18	20	21	22	24	26	28	29
10	11	12	11	10	9	9	8	8	7	6	6	5	5	4	4	4	3	3	3	3
2	2	3	0	0	0	3	3	3	3	3	3	3	3	3	3	3	0	0	0	3
163	163	163	163	163	163	159	155	151	147	143	139	135	134	133	133	132	131	131	130	129
76	76	74	76	74	74	74	74	74	74	66	74	74	74	74	74	74	79	76	76	66
2634	2640	2640	2567	2573	2573	2557	2540	2562	2562	2557	2557	2551	2540	2551	2551	2551	2562	2562	2562	2529
23	23	22	22	20	18	16	15	14	12	10	8	10	13	16	18	21	24	27	29	28
7	7	7	7	7	8	7	7	11	12	9	9	9	9	9	9	10	3	4	5	2
427	423	425	425	427	425	419	421	425	423	419	425	426	457	446	431	429	427	406	406	387
543	537	545	539	544	542	542	544	542	544	530	538	534	534	534	530	532	535	535	537	526
174	180	179	173	174	184	175	180	175	182	181	181	174	173	177	169	169	168	168	164	172
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	3
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
318	318	310	300	295	297	300	300	300	300	297	297	292	295	306	315	318	318	310	312	309
170	170	168	170	169	170	171	141	141	141	140	139	140	141	138	138	135	135	135	140	136
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3
12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	12	12	12	12	12	12
35	35	35	34	34	33	33	32	32	31	32	33	33	34	35	35	36	35	34	33	32
13	15	15	14	14	13	13	12	12	11	11	11	11	12	12	12	13	13	13	13	13
8	8	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10
5446	5442	5438	5330	5335	5347	5320	5266	5295	5302	5253	5260	5223	5257	5270	5258	5264	5278	5241	5230	5071

BOISE VALLEY CANALS
OF 1969, INCLUDING STORAGE

5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3	4	4	4	5	5	5	5	5	5	5	5	5	5	5	4	4	142
29	29	29	28	28	28	27	26	25	25	24	24	23	22	24	26	28	849
19	19	19	19	19	18	18	17	17	16	16	16	16	16	16	17	17	550
12	11	10	9	6	5	6	7	8	9	11	13	14	15	14	12	10	371
31	31	31	30	30	29	30	31	31	31	31	33	31	31	31	31	30	982
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	13	12	11	9	8	8	8	7	7	7	6	6	6	9	12	14	396
11	10	13	17	13	13	12	12	12	12	13	13	13	13	9	10	9	391
57	57	55	55	55	55	42	52	52	52	53	51	51	51	49	49	47	1671
27	26	25	24	23	23	23	24	24	24	25	25	25	24	23	21	20	826
89	80	79	81	80	78	80	80	82	80	77	79	76	63	77	82	75	2410
6	6	7	8	9	10	10	9	9	9	8	8	8	8	8	8	8	197
13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	392
105	108	110	113	116	115	114	113	111	110	109	107	106	103	100	97	95	3097
230	231	231	232	233	229	225	222	218	226	224	228	226	228	229	179	180	7110
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
0	0	11	11	11	11	11	10	10	9	9	8	8	7	8	9	9	257
17	16	16	16	16	16	15	15	15	14	14	14	13	13	13	12	12	425
43	43	42	42	41	41	40	39	38	37	36	35	34	33	34	35	37	1273
7	7	6	6	5	5	6	6	7	7	8	8	8	8	8	7	7	204
43	43	43	42	42	42	42	43	44	44	45	46	45	44	44	43	43	1356
17	20	23	26	29	30	31	32	32	33	33	34	35	35	36	36	37	757
11	10	9	9	9	9	9	9	9	8	8	8	7	6	6	5	4	312
4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	118
4	4	4	5	5	5	5	5	6	6	6	7	7	7	7	7	8	181
14	14	14	14	14	14	16	18	20	21	22	24	26	28	29	30	30	550
9	8	8	7	6	6	5	5	4	4	4	3	3	3	3	3	3	197
3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	74
159	155	151	147	143	139	135	134	133	133	132	131	131	130	130	129	129	4617
74	74	74	74	66	74	74	74	74	74	74	79	76	76	66	66	66	2291
2557	2540	2562	2562	2557	2557	2551	2540	2551	2551	2551	2562	2562	2562	2529	2467	2435	79932
16	15	14	12	10	8	10	13	16	18	21	24	27	29	29	28	28	633
7	7	11	12	9	9	9	9	9	9	10	3	4	5	2	2	2	206
419	421	425	423	419	425	426	457	446	431	429	427	406	406	387	387	391	12993
542	544	542	544	530	538	534	534	534	530	532	535	535	537	526	528	519	16654
175	180	175	182	181	181	174	173	177	169	169	168	168	164	172	180	185	5511
0	0	0	0	0	0	0	0	0	0	2	2	2	2	3	3	4	48
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	309
300	300	300	300	297	297	292	295	306	315	318	318	310	312	315	309	309	9630
171	141	141	141	140	139	140	141	138	138	135	135	135	140	140	136	136	4795
1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	67
12	12	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	359
33	32	32	31	32	33	33	34	35	35	36	35	34	33	33	32	32	1042
13	12	12	11	11	11	11	12	12	12	13	13	13	13	13	13	14	421
9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	267
5320	5266	5295	5302	5253	5260	5223	5257	5270	5258	5264	5278	5241	5230	5182	5071	5033	164956
																	1358
																	16691

DISCHARGE IN SECOND FEET OF BOISE
BY DAYS DURING THE IRRIGATION SEASON OF 1961

NAME OF CANAL	SEPTEMBER															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
AIKEN	4	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3
ANDREWS	29	30	32	34	34	34	35	35	35	35	35	34	34	34	33	33
BALLENTYNE	17	17	17	17	17	16	16	15	15	15	15	15	16	16	16	16
BAXTER	9	8	7	6	6	6	7	7	7	7	6	6	5	5	4	4
BOISE CITY	30	30	30	30	29	28	26	26	31	29	29	29	29	28	28	26
BOONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOWMAN-SWISHER	17	19	22	24	20	16	12	8	4	4	4	4	3	3	3	3
BUBB (SOUTH BOISE MUTUAL)	11	12	12	11	11	7	7	0	0	0	0	0	0	0	6	8
CALDWELL HIGH LINE	47	47	45	49	49	51	51	51	54	52	52	53	53	53	53	53
CAMPBELL (CANYON)	18	16	15	16	16	17	17	18	18	18	18	18	18	18	18	18
CANYON COUNTY	77	76	79	72	77	47	45	45	42	39	44	47	46	47	49	54
CONWAY-HAMMING	8	8	8	7	6	5	4	3	2	2	2	2	3	3	3	3
DAVIS DITCH	12	12	12	12	11	11	10	10	10	10	10	11	11	11	11	11
EUREKA #2	92	89	87	85	83	81	79	77	74	71	68	65	62	59	56	56
FARMERS UNION	181	183	183	181	180	179	178	178	164	163	161	160	160	160	161	152
GRAHAM-GILBERT	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
HAAS	10	10	11	11	11	11	12	12	12	12	12	12	12	12	12	12
HART-DAVIS	12	11	11	11	11	10	10	9	9	10	10	11	11	12	12	13
ISLAND HIGH LINE	39	40	42	43	44	45	47	49	50	50	50	50	49	49	49	49
LEMP	7	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5
LITTLE PIONEER	42	42	41	40	40	39	37	36	37	38	39	38	37	36	36	35
LOWER CENTER POINT	37	38	38	37	35	34	33	32	31	32	33	35	36	37	38	36
MACE-CATLIN	4	3	2	2	2	2	3	3	4	4	4	4	4	0	0	0
MACE-MACE	3	3	3	3	2	2	2	1	1	1	1	1	1	2	2	2
MAMMON	8	8	9	9	9	9	0	0	0	0	0	0	0	0	0	0
MCCONNEL ISLAND	31	32	33	34	34	34	34	34	34	34	34	33	33	33	32	32
MCMANUS & TEATER	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEEVES	0	0	0	0	2	1	1	4	4	2	2	2	2	2	2	1
MIDDLETON	129	128	128	127	127	122	117	112	108	103	98	97	97	96	96	95
NEW DRY CREEK	66	66	63	66	66	66	66	66	54	60	60	60	60	60	60	57
NEW YORK CANAL (B. OF C.)	2425	2373	2357	2265	2306	2205	2210	2200	2200	2200	2190	2095	2095	2095	2090	1987
PARMA	28	27	27	27	27	27	26	26	26	26	26	25	25	25	24	24
PENITENTIARY	3	3	3	4	6	5	6	8	8	6	5	6	3	3	4	7
PHYLLIS	395	395	395	388	378	346	319	297	299	306	303	303	267	265	267	275
RIDENBAUGH	513	516	511	496	476	476	471	453	470	470	461	442	443	445	447	431
RIVERSIDE	162	164	163	162	173	160	160	160	155	151	151	166	155	154	162	164
ROEDEL	4	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0
ROSSI MILL	10	10	10	10	10	9	9	9	9	9	8	8	8	7	7	7
SEBREE (FARMERS CO-OP)	312	312	293	278	250	219	213	208	209	222	222	222	222	222	225	219
SETTLERS	138	135	135	132	131	130	120	118	116	117	122	122	111	113	109	101
SEVEN SUCKERS	3	4	4	3	3	2	2	1	1	1	1	1	0	0	0	0
SIEBENBERG	11	11	11	11	12	13	14	15	16	15	14	13	11	10	9	8
THURMAN MILL	31	30	28	26	25	24	22	20	20	21	21	22	22	23	23	23
UPPER CENTER POINT	14	14	14	14	15	15	16	16	16	15	15	14	14	13	13	13
WARM SPRINGS SLOUGH	11	11	11	11	10	10	9	9	8	8	8	8	8	8	8	8
TOTAL CANAL DIVERSIONS	5006	4953	4912	4774	4764	4529	4461	4384	4366	4371	4347	4247	4178	4172	4181	4057
MISCELLANEOUS																
TOTAL DIVERSIONS																3946

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1969, INCLUDING STORAGE

SEPTEMBER																					
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
35	35	35	35	34	34	34	33	33	30	28	25	23	20	17	15	12	15	18	21	25	28
15	15	15	15	15	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15
7	7	7	6	6	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4
26	31	29	29	29	29	28	28	26	28	28	28	28	27	27	27	27	26	27	27	26	24
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	4	4	4	4	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	6	8	7	7	7	7	7	11	7	8	7	7	7	5	9
51	54	52	52	53	53	53	53	53	52	52	52	52	53	53	51	53	49	51	51	51	49
18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	16	16	15
45	42	39	44	47	46	47	49	54	54	56	60	65	55	57	55	55	51	56	56	56	57
3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
77	74	71	68	65	62	59	56	56	56	56	56	56	56	56	56	56	57	58	58	59	60
178	164	163	161	160	160	160	161	152	147	148	152	152	177	144	140	140	141	141	141	140	140
2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0
12	12	12	12	12	12	12	12	12	12	12	11	11	11	10	10	10	10	10	9	9	9
9	9	10	10	11	11	12	12	13	13	13	13	13	13	13	13	13	13	12	12	12	12
49	50	50	50	50	49	49	49	49	49	49	48	48	48	47	47	47	46	45	44	43	42
6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4
36	37	38	39	38	37	36	36	35	34	31	29	27	24	21	18	18	18	18	17	17	17
32	31	32	33	35	36	37	38	36	33	30	27	25	23	21	19	19	18	17	17	16	15
3	4	4	4	4	4	0	0	0	0	0	0	0	0	0	6	5	5	4	4	3	3
1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4
34	34	34	34	33	33	33	32	32	32	33	33	34	35	35	36	36	35	34	33	32	31
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4
4	4	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2
112	108	103	98	97	97	96	96	95	95	95	95	95	95	95	95	95	95	95	94	94	94
66	54	60	60	60	60	60	60	57	60	60	60	50	50	47	50	50	50	50	50	50	49
2200	2200	2200	2190	2095	2095	2095	2090	1987	1997	1992	2016	2021	1963	1954	1911	1915	1915	1935	1930	1853	1796
26	26	26	26	25	25	25	24	24	24	24	24	24	25	25	25	25	23	21	19	17	15
8	8	6	5	6	3	3	4	7	8	8	8	7	8	5	6	7	4	3	4	4	4
297	299	306	303	303	267	265	267	267	275	245	248	248	248	248	245	241	237	234	234	232	232
453	470	470	461	442	443	445	447	434	431	426	411	394	378	374	373	369	368	366	362	360	374
160	155	151	151	166	155	154	162	164	168	102	103	103	104	106	153	152	155	152	159	152	152
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	9	9	8	8	8	7	7	7	7	7	7	7	7	7	7	7	6	6	6	5	5
208	209	222	222	222	222	222	225	222	219	219	222	224	228	230	229	230	226	224	219	222	219
118	116	117	122	122	111	113	109	110	101	102	101	94	92	82	77	68	70	71	73	74	75
2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	15	16	15	14	13	11	9	8	8	8	8	8	8	8	8	8	8	8	7	7	7
2	20	20	21	21	22	22	23	23	23	23	22	22	22	22	21	20	19	19	18	17	16
6	16	16	15	15	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	6	5	5	4
4384	4366	4371	4347	4247	4178	4172	4181	4057	4055	3946	3958	3926	3867	3805	3789	3774	3755	3767	3756	3664	3615

HEET OF BOISE VALLEY CANALS
EASON OF 1969, INCLUDING STORAGE

BER	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2		77
34	33	33	30	28	25	23	20	17	15	12	15	18	21	25	28	31		844
16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15		469
5	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4		163
28	28	26	28	28	28	28	27	27	27	27	26	27	27	26	24	26		834
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0		178
0	6	8	7	7	7	7	7	11	7	8	7	7	7	5	9	7		188
53	53	53	52	52	52	52	53	53	51	53	49	51	51	51	49	49		1531
18	18	18	18	18	18	17	17	17	17	17	17	17	16	16	15	15		512
47	49	54	54	56	60	65	55	57	55	55	51	56	56	56	57	56		1675
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		111
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		329
59	56	56	56	56	56	56	56	56	56	56	57	58	58	59	60	60		1984
160	161	152	147	148	152	152	177	144	140	140	141	141	141	140	140	140		4767
2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0		51
12	12	12	12	12	11	11	11	10	10	10	10	10	9	9	9	8		326
12	12	13	13	13	13	13	13	13	13	13	13	12	12	12	12	11		349
49	49	49	49	49	48	48	48	47	47	47	46	45	44	43	42	41		1389
5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4		158
36	36	35	34	31	29	27	24	21	18	18	18	18	17	17	17	17		919
37	38	36	33	30	27	25	23	21	19	19	18	17	17	16	15	15		857
0	0	0	0	0	0	0	0	0	6	5	5	4	4	3	3	3		74
2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0		42
0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4		92
33	32	32	32	33	33	34	35	35	36	36	35	34	33	32	31	30		1000
3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4		94
2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2		45
96	96	95	95	95	95	95	95	95	95	95	95	95	94	94	94	94		3106
60	60	57	60	60	60	50	50	47	50	50	50	50	50	50	49	50		1722
2095	2090	1987	1997	1992	2016	2021	1963	1954	1911	1915	1915	1935	1930	1853	1796	1801		62292
25	24	24	24	24	24	24	25	25	25	25	23	21	19	17	15	13		720
3	4	7	8	8	8	7	8	5	6	7	4	3	4	4	4	4		160
265	267	267	275	245	248	248	248	248	245	241	237	234	234	232	232	232		8589
445	447	434	431	426	411	394	378	374	373	369	368	366	362	360	374	362		12872
154	162	164	168	102	103	103	104	106	153	152	155	152	159	152	152	162		4485
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		24
7	7	7	7	7	7	7	7	7	7	7	6	6	6	5	5	5		229
222	225	222	219	219	222	224	228	230	229	230	226	224	219	222	219	203		6965
113	109	110	101	102	101	94	92	82	77	68	70	71	73	74	75	75		3114
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		26
10	9	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7		302
23	23	23	23	23	22	22	22	22	21	20	19	19	18	17	16	15		660
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13		413
8	8	8	8	8	8	8	8	8	8	7	7	6	5	5	4	4		240
4172	4181	4057	4055	3946	3958	3926	3867	3805	3789	3774	3755	3767	3756	3664	3615	3598		124977
																		687
																		125664

DISCHARGE IN SECOND FEET OF BOISE
BY DAYS DURING THE IRRIGATION SEASON OF 1969.

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	OCTOBER			15	16
													13	14			
AIKEN	2	2	2	2	2	2	2	2	2	2	2						
ANDREWS	34	30	26	22	18	14	10	10	10	10	10	10	10	10	10	10	
BALLENTYNE	15	15	16	16	16	16	16	16	15	15	15	15	14	14	14		
BAXTER	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5		
BOISE CITY	26	26	26	23	23	25	23	29	24	23	23	23					
BOONE																	
BOWMAN-SWISHER																	
BUBB (SOUTH BOISE MUTUAL)	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5		
CALDWELL HIGH LINE	49	51	51	55	55	56	57	57	58	57							
CAMPBELL (CANYON)	16	17	17	18	18	19	20	20	20	20	20	20	20	20	20	20	
CANYON COUNTY	61	52	51	52	46	45	48	48	47	45	45	46					
CONWAY-HAMMING	3	3															
DAVIS DITCH	11	11	10	10	10	10	10	10	10	10	10	10					
EUREKA #2	58	56	54	52	49	47	45	45	45	45	45	45	45	45	45	45	
FARMERS UNION	130	123	97	97	94	80	76	76	76	76	65	65	66				
GRAHAM-GILBERT	0	0	1	1	1	1	1	1	1	1	1						
HAAS	8	8	8														
HART-DAVIS	10	9	7	6	5	4	4	4	4	4	4						
ISLAND HIGH LINE	40	35	30	25	19	14	9	9	9	9	9	9	9	9	9	9	
LEMP	4	5	5	5	6	6	6	6	6	6	6						
LITTLE PIONEER	17	18	18	18	19	19	19	19	19	19	19	19	19	19			
LOWER CENTER POINT	15	14	14	13	13	12	12	12	12	12	12	12	12	12	12	12	
MACE-CATLIN	3	3															
MACE-MACE																	
MAMMON	4	4	4														
MCCONNEL ISLAND	29	30	30	31	31	32	33	33	33	33	33	33	33	33	33	33	
MCMAHUS & TEATER	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	
MEEVES	2	2															
MIDDLETON	95	95	96	96	97	97	97	97	97	97	97	42	42	42	42	42	
NEW DRY CREEK	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	
NEW YORK CANAL (B. OF C.)	1801	1801	1806	1759	1759	1708	1653	1658	1649	1658	1658	1667	1658	1658	379		
PARMA	11	11	11	10	10	9	9	9	9	9	9	9	9	9	9	9	
PENITENTIARY	4	4	4	4	4	3	3	3	3	3	3	3	3	3			
PHYLLIS	237	241	243	241	245	250	252	201	203	205	208	208					
RIDENBAUGH	363	360	360	352	349	351	341										
RIVERSIDE	168	166	176	161	164	168	160	150	152	158	154	154	155	150	150	150	
ROEDEL	0	0	0	7	7	7	7	7	7	7	7	7	7	7	7	7	
ROSSI MILL	5	5	6	6	6	6	6	6	6	6	6						
SEBREE (FARMERS CO-OP)	203	207	125	127	115	115	98	99	98	96	90	90	81	81	81	81	
SETTLERS	77	78	77	68	67	64	66	67	66	64	40	10	10	5			
SEVEN SUCKERS	0	0	4	4	4	4	4	4	4	4	4						
SIEBENBERG	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	
THURMAN MILL	15	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	
UPPER CENTER POINT	13	13	12	12	12	11	11	11	11	11	11	11	11	11	11	11	
WARM SPRINGS SLOUGH	4	4															
TOTAL CANAL DIVERSIONS	3602	3581	3468	3373	3344	3275	3178	2789	2776	2785	2686	2588	2284	2208	902		
MISCELLANEOUS																	
TOTAL DIVERSIONS																	

BY DAYS DURING THE IRRIGATION SEASON OF 1969, INCLUDING STORAGE

2789 2776 2785 2686 2588 2284 2208 902

CHART NO. 5

6	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																22
																234
																228
																71
																294
																0
																0
																79
																546
																285
																586
																6
																122
																721
																1121
																9
																24
																61
																244
																61
																261
																189
																6
																0
																12
																480
3																72
5																4
																1229
2																705
7																24272
																143
79																47
9																2734
																2476
																2386
50																84
7																64
																1706
81																759
																36
																93
6																187
12																172
11																8
																42839
02																32
																42871

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1969

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
AIKEN	12	262	174	192	284	154	44	1122
ANDREWS	60	1358	894	1542	1698	1688	468	7708
BALLENTYNE	526	1272	778	1214	1100	938	456	6284
BAXTER	376	650	342	632	742	326	142	3210
BOISE CITY	894	2112	1884	2000	1964	1668	588	11110
BOONE	4	94	8	0	0	0	0	106
BOWMAN-SWISHER	0	420	570	900	792	356	0	3038
BUBB	236	912	836	798	782	376	158	4098
CALDWELL HIGH LINE	1622	3546	3038	3342	3342	3062	1092	19044
CAMPBELL	1714	2330	1758	2210	1652	1024	570	11258
CANYON COUNTY	1312	4886	4694	4448	4820	3350	1172	24682
CONWAY-HAMMING	0	188	134	354	394	222	12	1304
DAVIS	318	668	708	744	784	658	244	4124
EUREKA #2	2746	5632	4544	6526	6194	3968	1442	31052
FARMERS UNION	5802	15486	14684	13776	14220	9534	2242	75744
GRAHAM-GILBERT	0	116	102	152	186	102	18	676
HAAS	28	860	632	596	514	652	48	3330
HART-DAVIS	294	1028	538	852	850	698	122	4382
ISLAND HIGH LINE	810	3244	3380	2742	2546	2778	488	15988
LEMP	0	106	14	538	408	316	122	1504
LITTLE PIONEER	1754	2748	2274	2184	2712	1838	522	14032
LOWER CENTER POINT	398	1442	1258	1972	1514	1714	378	8676
MACE-CATLIN	234	540	364	486	624	148	12	2408
MACE-MACE	0	154	122	218	236	84	0	814
MAMMON	0	80	254	480	362	184	24	1384
MCCONNEL ISLAND	1120	3858	2662	1194	1100	2000	960	12894
MCMAHUS & TEATER	114	230	232	262	394	188	144	1564
MEEVES	60	112	102	170	148	90	8	690
MIDDLETON	4610	10620	9556	10806	9234	6212	2458	53496
MISCELLANEOUS	148	932	1954	2772	2716	1374	64	9960
NEW DRY CREEK	1620	5146	4828	4758	4582	3444	1410	25788
NEW YORK CANAL	91190	171526	165056	170024	159864	124584	48544	930788
PARMA	350	1498	1050	1094	1266	1440	286	6984
PENITENTIARY	0	462	344	376	412	320	94	2008
PHYLLIS	15550	26330	25178	27368	25986	17178	5468	143058
RIDENBAUGH	12990	34384	32002	33828	33308	25744	4952	177208
RIVERSIDE	8852	13506	14512	13340	11022	8970	4772	74974
ROEDEL	0	80	132	86	96	48	168	610
ROSSI MILL	318	742	636	578	618	458	128	3478
SEBREE	4270	15106	17300	20830	19260	13930	3412	94108

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1969

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
SETTLERS	2886	11094	9972	10642	9590	6228	1518	51930
SEVEN SUCKERS	170	100	128	132	134	52	72	788
SIEBENBERG	324	706	890	950	718	604	186	4378
THURMAN MILL	1174	2292	2244	2076	2084	1320	374	11564
UPPER CENTER POINT	434	954	784	1002	842	826	344	5186
WARM SPRINGS SLOUGH	22	496	254	314	534	480	16	2116
TOTALS	165342 2780	350308 5740	333800 5600	351500 5720	332628	251328	85742	1870648

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
DECEED CANAL OR USER
MISCELLANEOUS IS A GROUP OF INDIVIDUAL USERS

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

BOISE RIVER CANAL DIVER

BEGINNING

NAME OF CANAL	1967	1968	1969
SEBREE (FARMERS CO-OP)	105780	101228	94108
SETTLERS	52414	51430	51930
SEVEN SUCKERS		1330	788
SIEBENBERG	4280	3736	4378
THURMAN MILL	10512	10198	11564
UPPER CENTER POINT	5270	5518	5186
WARM SPRING SLOUGH		2558	2116

FLOOD CONTROL & OTHER LOSS TO IRRIGATION	0	0	239554
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TOTAL SUMMER DIVERSIONS	1785410	1755632	1870648
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NATURAL FLOW USED IRRIGATION SEASON		920210	929629
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STORAGE WATER USED		581723	555489
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SUMMER RETURN FLOW USED	428828	253699	385530
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LOSS TO THE BOISE RIVER @PARMA		237060	783482
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TOTAL TRIBUTARY GAIN-IRRIGATION SEASON		490759	1169012
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FISH AND GAME	37050	18992	10290
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NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	93370	27416	0
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FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM	0	0	709378
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TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31		1802040	2384296
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TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	1487002	1364416	2519304
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TOTAL LOSS TO THE BOISE RIVER @PARMA		454788	1527244
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YEARS 1950 THROUGH 1966 IN PREVIOUS REPORTS

STATE DEPARTMENT, DIVISION OF INVESTIGATION

RECORDING UNIT

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TABLE SHOWING ACRE FEET PER ACRE DIVE

FOR EACH IRRIGATION SEAS
(ACREAGE TAKEN FROM C

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED
AIKEN						236	5.14	2
ANDREWS						1068	7.53	10
BALLENTYNE	763	9.04	763	6.99	6.75	763	5.92	7
BAXTER						200	2.23	2
BOISE CITY	1828	5.40	1828	5.67	5.37	1828	5.71	18
BOISE VALLEY	2729	5.78	2729	8.12	7.32	2729	7.01	27
BOONE								51
BOWMAN-SWISHER						424	8.19	42
BUBB (SOUTH BOISE MUTUAL)	1057	4.23	1057	4.63	5.10	1057	4.21	105
*CALDWELL HIGH LINE	3960	5.27	3960	4.25	5.41	3960	4.37	396
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						750	5.73	867
HART-DAVIS						453	12.75	453
ISLAND HIGH LINE						945	14.72	945
LEMP						300	9.93	300
LITTLE PIONEER	1286	10.53	1286	8.81	8.77	1286	7.09	1286
LOWER CENTER POINT	880	11.47	880	16.15	14.43	880	12.83	880
MACE-CATLIN						536	4.53	536
MACE-MACE						80	13.93	80
**MAMMON						168	6.92	468
MCCONNEL ISLAND						1600	6.77	1600
McMANUS & TEATER						168	7.98	168
MEEVES						90	6.80	90
MIDDLETON IRRIG. ASSOC.	5182	5.89	5180	6.01	5.39	5180	5.62	5180
MIDDLETON MILL	4400	5.02	4400	5.12	4.60	4400	4.80	4400
MISCELLANEOUS	511	7.25	1428	6.74	3.53	957	6.38	2610
NEW DRY CREEK	3059	7.21	3059	6.61	6.24	3059	6.53	3059
NEW UNION	688	6.96	688	7.30	7.50	688	7.44	688
NEW YORK CANAL (B. OF C.)	164734	5.23	164729	5.33	5.51	164617	5.21	164617
PARMA						602	12.40	602
PENITENTIARY	321	7.79	433	6.02	4.51	321	6.59	321

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

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

	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969
56		236	5.14	236	4.75
		1068	7.53	1068	7.22
99	6.75	763	5.92	763	8.24
		200	2.23	200	16.05
67	5.37	1828	5.71	1828	6.08
12	7.32	2729	7.01	2729	7.46
				517	.21
		424	8.19	424	7.17
63	5.10	1057	4.21	1057	3.88
25	5.41	3960	4.37	3960	4.81
78	11.65	802	11.89	802	14.04
36	6.06	4007	5.60	4007	6.16
		600	3.57	600	4.55
		259	4.78	259	5.03
99	6.05	634	7.38	634	6.50
26	6.93	(LISTED INDIVIDUALLY)			
00	4.21	1800	4.70	1800	5.87
48	12.52	2625	13.82	2625	11.83
04	5.96	8300	5.94	8300	6.34
		200	3.24	200	3.38
		750	5.73	867	3.84
		453	12.75	453	9.67
		945	14.72	945	16.92
		300	9.93	300	5.01
8.81	8.77	1286	7.09	1286	10.91
6.15	14.43	880	12.83	880	9.86
		536	4.53	536	4.49
		80	13.93	80	10.18
		168	6.92	468	2.96
		1600	6.77	1600	8.06
		168	7.98	168	9.31
		90	6.80	90	7.67
6.01	5.39	5180	5.62	5180	5.99
5.12	4.60	4400	4.80	4400	5.11
6.74	3.53	957	6.38	2610	3.82
6.61	6.24	3059	6.53	3059	7.11
7.30	7.50	688	7.44	688	5.85
5.33	5.51	164617	5.21	164617	5.65
		602	12.40	602	11.60
6.02	4.51	321	6.59	321	6.26

TABLE SHOWING ACRE FEET PER ACRE

FOR EACH IRRIGATION
(ACREAGE TAKEN FROM

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED
PHYLLIS	24362	5.53	24362	5.83	5.13	24362	4.35	
PIONEER DIXIE	2030	10.42	2030	11.52	11.92	2030	12.20	
RIDENBAUGH	26747	6.65	26877	6.34	6.48	26877	6.30	
RIVERSIDE #2	10645	4.83	10645	5.18	5.36	10645	5.10	
ROEDEL						160	11.13	
ROSSI MILL	500	6.94	500	6.48	6.46	500	6.16	
SEBREE (FARMERS CO-OP)	15500	6.23	15500	7.93	6.82	15500	6.53	
SETTLERS	12282	4.14	12282	4.67	4.27	12282	4.19	
SEVEN SUCKERS						70	19.00	
SIEBENBERG	646	6.07	646	8.53	6.63	646	5.78	
THURMAN MILL	1799	5.78	1799	5.67	5.84	1799	5.67	
UPPER CENTER POINT	641	9.05	641	10.63	8.22	641	8.61	
WARM SPRINGS SLOUGH						494	5.18	
TOTALS	307955	5.69	308604	5.88	5.79	314578	5.58	318

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

** THE BALANCE OF THE LAND UNDER MASON DITCH IS IRRIGATED WITH WATER DIVERTED FROM THE DIXIE DRAIN.

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

1947 THROUGH 1964 CAN BE FOUND IN PREVIOUS ANNUAL REPORTS.

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

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

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

1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969
5.83	5.13	24362	4.35	24362	5.44
11.52	11.92	2030	12.20	3000	7.87
6.34	6.48	26877	6.30	26877	6.59
5.18	5.36	10645	5.10	10645	4.82
		160	11.13	160	3.81
6.48	6.46	500	6.16	500	6.96
7.93	6.82	15500	6.53	15500	6.07
4.67	4.27	12282	4.19	12282	4.23
		70	19.00	70	11.26
8.53	6.63	646	5.78	646	6.78
5.67	5.84	1799	5.67	1799	6.43
10.63	8.22	641	8.61	641	8.09
		494	5.18	494	4.28
5.88	5.79	314578	5.58	318135	5.88

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

THE LAND ALLOW ABOUT 35% LOSS.

ANDREWS.	1,068 ACRES	LOWER CENTER POINT.	880 ACRES
BALLENTYNE	763 "	MAMMON.	468 "
BAXTER	200 "	MCCONNEL ISLAND	1,600 "
BOISE CITY	1,828 "	McMANUS & TEATER.	168 "
BOISE VALLEY	2,729 "	MEEVES.	90 "
BOONE.	517 "	MIDDLETON MILL.	4,400 "
BOWMAN & SWISHER	424 "	MIDDLETON WATER	5,180 "
BUBB (SOUTH BOISE MUTUAL).	1,057 "	MISCELLANEOUS	2,610 "
*CALDWELL HIGH LINE	13,960 "	NEW DRY CREEK	3,059 "
CAMPBELL	802 "	NEW UNION	688 "
CANYON COUNTY.	4,007 "	NEW YORK	
CAPITAL VIEW	600 "	BIG BEND IRRIG. DIST.	1,724 "
DAVIS & LITTLE DAVIS	634 "	BOISE-KUNA IRRIG. DIST.	48,339 "
EAGLE ISLAND CANALS		NAMPA & MERIDIAN IRRIG. DIST.	40,344 "
AIKEN.	236 "	NEW YORK IRRIG. DIST.	17,629 "
CONWAY & HAMMING	259 "	WILDER IRRIG. DIST.	56,581 "
GRAHAM & GILBERT	200 "	TOTAL - BOARD OF CONTROL.	164,617 ACRES
HART & DAVIS	453 "	PARMA DITCH CO.	602 "
LEMP DITCH	300 "	PENITENTIARY.	321 "
MACE & CATLIN.	536 "	PIONEER IRRIG. DIST.	24,362 "
MACE & MACE.	80 "	PIONEER DIXIE	3,000 "
SEVEN SUCKERS.	70 "	RIDENBAUGH.	26,877 "
WARM SPRINGS SLOUGH.	494 "	RIVERSIDE IRRIG. DIST.	10,645 "
TOTAL-EAGLE ISLAND CANALS.	2,628 ACRES	ROEDEL.	160 "
EUREKA WATER CO. #1.	1,800 "	ROSSI MILL.	500 "
EUREKA DITCH CO. #2.	2,625 "	SEBREE.	15,500 "
FARMERS UNION.	8,300 "	SETTLERS.	12,282 "
HAAS	867 "	SIEBENBERG.	646 "
ISLAND HIGH LINE	945 "	THURMAN MILL.	1,799 "
LITTLE PIONEER	1,286 "	UPPER CENTER POINT.	641 "
		TOTAL	328,135 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. 336,424 ACRES

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

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

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

BOISE RIVER STORAGE ACCOUNTS

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	USED JULY	BALANCE	USED AUGUST	BALANCE
BALLENTYNE	0	376	1254	1630	110	1520	340	
BOISE CITY	0	0	965	965	0	965	384	
BOISE VALLEY	0	961	2412	3373	122	3251	1012	
BUBB (SOUTH BOISE MUTUAL)	0	543	482	1025	10	1015	394	
CANYON COUNTY	0	0	5789	5789	268	5521	1624	
CAPITAL VIEW	0	460	289	749	60	689	124	
DAVIS	0	0	1447	1447	66	1381	284	
EAGLE ISLAND CANALS	0	0	7381	7381	8	7373	704	
EUREKA #1	0	0	2701	2701	96	2605	728	
FARMERS UNION	2874	5727	9648	18249	1448	16801	7250	
LITTLE PIONEER	0	2174	482	2656	552	2104	1360	
MIDDLETON	0	0	10612	10612	562	10050	3198	
NEW DRY CREEK	0	1296	2894	4190	276	3914	1020	
NEW UNION	0	0	1351	1351	0	1351	64	
NEW YORK	*254418	***353212	0	607630	136524	471106	156798	
PHYLLIS	21018	25582	15436	62036	9422	52614	20032	
RIDENBAUGH	3832	21859	33767	59458	3570	55888	14216	
ROSSI MILL	0	0	675	675	0	675	96	
SEBREE	1227	0	0	1227	0	1227	0	
SETTLERS	**2534	5810	9648	17992	1338	16654	4462	
THURMAN MILL	0	0	772	772	0	772	152	
BOISE CASCADE	110	0	0	110	****27	83	25	
FISH AND GAME	0	0	48239	48239	0	48239	0	
KROEGER DITCH	330	0	0	330	4	326	100	
LUCKY PEAK NURSERY	200	0	0	200	*****88	112	36	
PECORA DITCH	57	0	0	57	2	55	52	
POWER	0	5000	0	5000	0	5000	0	
UNCONTRACTED LUCKY PEAK SPACE	0	0	112156	112156	0	112156	0	
TOTALS	286600	423000	268400	978000	154553	823447	214455	6089

* LESS 1.80 ACRE FEET ON 420 ACRES OF GOVERNMENT LANDS IRRIGATED BY SETTLERS * INCREASED BY 22,303 ACRE FEET
 ** SETTLERS ARROWROCK STORAGE INCREASED 756 ACRE FEET TO IRRIGATE GOVERNMENT LANDS
 *** NEW YORK-BOARD OF CONTROL TRANSFERRED 6,722 ACRE FEET OF ANDERSON STORAGE TO THE RIDENBAUGH CANAL FOR GOVERNMENT
 **** BOISE CASCADE ACCUMULATED STORAGE USE FOR APRIL, MAY, JUNE & JULY
 ***** LUCKY PEAK NURSERY ACCUMULATED STORAGE USE FOR MAY, JUNE & JULY

FISH AND GAME STORAGE TO BE RUN DURING WINTER MONTHS

BOISE RIVER STORAGE ACCOUNTS - 1969 - IN ACRE FEET

USED JULY	BALANCE	USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 15-1969	ANDERSON CARRYOVER
110	1520	340	1180	198	982	54	928	702	0
0	965	384	581	126	455	0	455	510	0
122	3251	1012	2239	220	2019	0	2019	1354	0
10	1015	394	621	0	621	0	621	404	139
268	5521	1624	3897	350	3547	0	3547	2242	0
60	689	124	565	120	445	12	433	316	144
66	1381	284	1097	152	945	18	927	520	0
8	7373	704	6669	356	6313	0	6313	1068	0
96	2605	728	1877	208	1669	0	1669	1032	0
1448	16801	7250	9551	3118	6433	128	6305	11944	0
352	2104	1360	744	722	22	0	22	2634	0
562	10050	3198	6852	522	6330	0	6330	4282	0
276	3914	1020	2894	160	2734	0	2734	1456	0
0	1351	64	1287	8	1279	0	1279	72	0
136524	471106	156798	314308	121970	192338	38050	154288	453342	154288
9422	52614	20032	32582	8546	24036	1386	22650	39386	7214
3570	55888	14216	41672	7371	34301	534	33767	25691	0
0	675	96	579	38	541	0	541	134	0
0	1227	0	1227	0	1227	0	1227	0	0
1338	16654	4462	12192	2220	9972	40	9932	8060	284
0	772	152	620	36	584	0	584	188	0
****27	83	25	58	31	27	25	2	108	0
0	48239	0	48239	0	48239	0	48239	0	0
4	326	100	226	100	126	0	126	204	0
*****88	112	36	76	18	58	2	56	144	0
2	55	52	3	2	1	0	1	56	0
0	5000	0	5000	0	5000	0	5000	0	5000
0	112156	0	112156	0	112156	0	112156	0	0
154553	823447	214455	608992	146592	462400	40249	422151	555849	167069

ERS * INCREASED BY 22,303 ACRE FEET OF HILLCREST STORAGE
NT LANDS
GE TO THE RIDENBAUGH CANAL FOR GOVERNMENT LANDS

- 1969 = IN ACRE FEET

CHART NO. 10

ANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 15-1969	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER	ARROWROCK BALANCE NO CARRYOVER
180	198	982	54	928	702	0	928	0
581	126	455	0	455	510	0	455	0
239	220	2019	0	2019	1354	0	2019	0
621	0	621	0	621	404	139	482	0
3897	350	3547	0	3547	2242	0	3547	0
565	120	445	12	433	316	144	289	0
1097	152	945	18	927	520	0	927	0
5669	356	6313	0	6313	1068	0	6313	0
1877	208	1669	0	1669	1032	0	1669	0
9551	3118	6433	128	6305	11944	0	6305	0
744	722	22	0	22	2634	0	22	0
6852	522	6330	0	6330	4282	0	6330	0
2894	160	2734	0	2734	1456	0	2734	0
1287	8	1279	0	1279	72	0	1279	0
4308	121970	192338	38050	154288	453342	154288	0	0
2582	8546	24036	1386	22650	39386	7214	15436	0
1672	7371	34301	534	33767	25691	0	33767	0
579	38	541	0	541	134	0	541	0
1227	0	1227	0	1227	0	0	0	1227
2192	2220	9972	40	9932	8060	284	9648	0
620	36	584	0	584	188	0	584	0
58	31	27	25	2	108	0	0	2
8239	0	48239	0	48239	0	0	48239	0
226	100	126	0	126	204	0	0	126
76	18	58	2	56	144	0	0	56
3	2	1	0	1	56	0	0	1
5000	0	5000	0	5000	0	5000	0	0
2156	0	112156	0	112156	0	0	112156	0
8992	146592	462400	40249	422151	555849	167069	253670	1412

T OF HILLCREST STORAGE

IT 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	3,867	.93
NAMPA & MERIDIAN	77,784	18.61
TOTAL BOARD OF CONTROL	359,934	3.62
RIDENBAUGH	15,137	6.12
PIONEER IRRIGATION DISTRICT	25,582	1.37
FARMERS UNION DITCH CO.	5,727	.31
NEW DRY CREEK DITCH CO.	1,296	1.39
SETTLERS IRRIGATION DISTRICT	5,810	.23
BOISE VALLEY IRRIGATION DITCH CO.	961	.13
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.09
BALLENTYNE DITCH CO.	376	.11
CAPITOL VIEW IRRIGATION DISTRICT	460	.52
PIONEER DITCH COMPANY	2,174	
TOTAL	418,000	100.00
POWER	5,000	

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

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

TRIBUTARY AND RETURN FLOW TO BO
IRRIGATION SEASON OF 1969

NAME OF TRIBUTARY	APRIL															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER																
DIXIE DRAIN	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
DRAINAGE DISTRICT #3																
EAGLE DRAIN			3	3	4	4	4	5	5	5	5	6	6	6	6	6
FIVE MILE CREEK			34	30	27	23	20	16	12	16	20	23	27	31	35	40
				85	86	87	88	90	91	92	99	106	113	119	119	119
HARTLEY DRAIN																
HARTLEY GULCH				12	12	12	12	13	13	13	13	13	13	13	13	14
INDIAN CREEK				5	5	5	5	6	6	6	6	7	7	8	8	10
MASON CREEK	79	79	79	79	97	115	134	153	171	190	196	102	108	114	120	126
MASON DRAIN				1	2	3	4	5	5	6	7	8	9	10	10	11
				46	52	58	65	71	77	83	81	79	77	75	76	77
NORTH MIDDLETON DRAIN																
SOUTH MIDDLETON DRAIN				31	31	32	32	32	33	33	35	38	40	42	41	41
THURMAN DRAIN				20	22	24	26	29	31	33	35	36	38	40	42	44
WILLOW CREEK						10	10	9	9	9	10	10	11	12	12	13
				9	9	10	10	10	11	11	10	10	9	8	11	14
TOTALS	89	89	126	331	357	393	420	449	474	507	527	448	468	488	503	525

NAME OF TRIBUTARY	MAY															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13
DIXIE DRAIN	229	230	230	230	230	230	230	230	231	231	231	231	231	231	231	230
DRAINAGE DISTRICT #3	9	9	9	9	9	9	10	11	12	12	13	13	14	14	14	14
EAGLE DRAIN	43	45	47	49	52	53	54	54	55	56	56	57	57	58	58	59
FIVE MILE CREEK	120	120	120	120	120	121	121	121	121	121	121	121	121	121	121	121
HARTLEY DRAIN	39	40	41	42	43	45	47	49	50	51	53	54	56	57	59	61
HARTLEY GULCH	27	26	25	24	23	22	21	20	19	20	22	23	25	26	28	29
INDIAN CREEK	0	0	0	0	0	0	0	0	0	0	0	0	130	98	66	91
MASON CREEK	22	22	22	22	21	21	21	21	21	21	21	22	22	22	22	23
MASON DRAIN	88	89	90	91	93	95	97	98	99	103	107	111	115	121	126	128
NORTH MIDDLETON DRAIN	63	68	73	78	83	77	71	65	59	53	47	41	44	47	50	53
SOUTH MIDDLETON DRAIN	80	80	80	80	80	81	82	83	84	85	86	87	88	89	90	92
THURMAN DRAIN	18	18	18	17	17	17	17	17	17	17	17	17	17	17	18	18
WILLOW CREEK	43	41	40	38	37	36	35	34	32	31	29	28	29	30	31	31
TOTALS	793	800	807	812	820	819	818	815	812	813	815	817	962	944	927	963

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
IRRIGATION SEASON OF 1969

APRIL

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	3
5	5	6	6	6	6	6	7	7	8	8	8	228	228	229	229	229	229	229	229	229	
16	20	23	27	31	35	40	45	51	56	61	66	71	66	61	57	52	48	43	39	41	
92	99	106	113	119	119	119	119	119	119	119	119	119	119	119	120	120	120	120	120	120	
13	13	13	13	13	13	14	15	16	16	17	18	20	22	24	26	28	30	32	35	38	
6	6	7	7	8	8	10	12	14	16	18	19	20	21	22	23	24	25	26	27	28	
190	196	102	108	114	120	126	232	225	217	210	203	195	188	180	173	165	158	151	144	136	
6	7	8	9	10	10	11	12	13	14	15	15	16	17	18	19	20	20	21	22	22	
83	81	79	77	75	76	77	78	79	80	80	81	82	82	83	83	84	84	85	86	87	
33	35	38	40	42	41	41	40	39	39	38	38	39	41	43	45	46	47	48	53	58	
33	35	36	38	40	42	44	46	48	50	52	54	58	61	65	68	72	76	80	80	80	
9	10	10	11	12	12	13	14	15	15	16	16	17	18	18	18	18	18	18	18	18	
11	10	10	9	8	11	14	17	20	23	26	29	31	33	36	39	41	43	46	45	44	
507	527	448	468	488	503	525	647	656	663	670	677	915	915	917	920	919	918	919	918	921	

MAY

12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
231	231	231	231	231	231	230	229	228	226	225	224	223	221	220	219	218	217	215	214	213	212
12	13	13	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13
56	56	57	57	58	58	59	59	60	60	60	60	59	59	59	59	58	58	58	58	57	57
121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121
51	53	54	56	57	59	61	63	65	67	68	69	70	70	71	72	73	74	75	75	76	78
20	22	23	25	26	28	29	31	32	34	34	33	33	32	32	31	31	30	30	29	29	28
0	0	0	130	98	66	91	116	141	166	191	216	212	208	204	200	195	191	187	183	179	174
21	21	22	22	22	22	23	23	23	23	23	23	23	22	22	22	22	21	21	21	21	20
103	107	111	115	121	126	128	132	136	140	140	140	140	140	140	140	140	140	140	140	139	139
53	47	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98
85	86	87	88	89	90	92	93	94	95	97	98	99	101	102	103	105	106	108	109	114	119
17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19
31	29	28	29	30	31	31	32	33	34	35	35	36	37	38	39	39	40	41	42	43	44
813	815	817	962	944	927	963	1033	1103	1171	1201	1227	1227	1224	1224	1224	1222	1220	1220	1220	1222	1224

	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
7	10	10	10	11	11	11	11	11	11	11	11	11	11	11	310
0					228	228	229	229	229	229	229	229	229	229	2059
7	7	8	8	8	8	8	8	9	9	9	9	9	9	9	184
5	51	56	61	66	71	66	61	57	52	48	43	39	41	41	1111
9	119	119	119	119	119	119	119	120	120	120	120	120	120	120	2966
5	16	16	17	18	20	22	24	26	28	30	32	35	38	38	503
2	14	16	18	19	20	21	22	23	24	25	26	27	28	28	379
12	225	217	210	203	195	188	180	173	165	158	151	144	136	136	4519
2	13	14	15	15	16	17	18	19	20	20	21	22	22	22	325
78	79	80	80	81	82	82	83	83	84	84	85	86	87	87	2071
40	39	39	38	38	39	41	43	45	46	47	48	53	58	58	1075
46	48	50	52	54	58	61	65	68	72	76	80	80	80	80	1310
14	15	15	16	16	17	18	18	18	18	18	18	18	18	18	352
17	20	23	26	29	31	33	36	39	41	43	46	45	44	44	605
47	656	663	670	677	915	915	917	920	919	918	919	918	921	921	17769

13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	391
229	228	226	225	224	223	221	220	219	218	217	215	214	213	212	6990
14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	380
59	60	60	60	60	59	59	59	59	58	58	58	58	57	57	1734
154	187	219	218	217	217	216	215	215	214	213	212	212	211	210	5061
63	65	67	68	69	70	70	71	72	73	74	75	75	76	78	1853
31	32	34	34	33	33	32	32	31	31	30	30	29	29	28	849
116	141	166	191	216	212	208	204	200	195	191	187	183	179	174	3148
23	23	23	23	23	23	22	22	22	22	21	21	21	21	20	676
132	136	140	140	140	140	140	140	140	140	140	140	140	139	139	3737
56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	2127
93	94	95	97	98	99	101	102	103	105	106	108	109	114	119	2890
18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	550
32	33	34	35	35	36	37	38	39	39	40	41	42	43	44	1113
133	1103	1171	1201	1227	1227	1224	1224	1224	1222	1220	1220	1220	1222	1224	31499

TRIBUTARY AND RETURN FLOW
IRRIGATION SEASON OF

JUNE

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOISE SEWER	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14
DIXIE DRAIN	211	210	208	207	206	205	204	203	201	200	199	198	197	195	194
DRAINAGE DISTRICT #3	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14
EAGLE DRAIN	57	57	57	57	57	57	57	57	57	56	56	56	56	56	56
FIVE MILE CREEK	210	209	208	207	207	206	205	204	203	203	202	201	182	162	143
HARTLEY DRAIN	79	80	80	81	82	83	84	84	85	86	87	86	85	84	83
HARTLEY GULCH	28	27	27	26	26	25	25	24	24	23	23	23	24	24	25
INDIAN CREEK	170	166	161	157	156	155	155	154	154	153	152	145	137	129	121
MASON CREEK	20	20	20	19	19	19	18	18	18	17	17	17	16	16	16
MASON DRAIN	139	139	139	139	139	139	139	139	138	138	138	138	138	138	138
NORTH MIDDLETON DRAIN	101	104	107	110	113	116	119	122	125	128	131	127	124	120	117
SOUTH MIDDLETON DRAIN	125	130	135	140	146	151	156	162	167	172	178	177	176	175	175
THURMAN DRAIN	19	19	19	19	19	19	19	18	18	18	18	18	17	17	17
WILLOW CREEK	45	46	47	48	49	50	51	52	53	54	55	55	56	56	57
TOTALS	1230	1233	1234	1237	1246	1252	1259	1264	1270	1275	1283	1269	1236	1200	1170

JULY

BOISE SEWER	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
DIXIE DRAIN	178	168	158	158	157	157	157	156	156	156	157	158	159	160	162
DRAINAGE DISTRICT #3	15	15	15	15	15	15	15	15	15	15	16	16	16	16	17
EAGLE DRAIN	46	47	48	49	50	51	51	52	53	54	55	56	57	58	58
FIVE MILE CREEK	102	104	102	99	96	93	90	87	85	83	80	78	75	73	70
HARTLEY DRAIN	69	69	69	69	68	68	68	68	68	68	69	69	70	70	71
HARTLEY GULCH	28	28	28	27	27	27	26	26	26	26	26	27	27	27	28
INDIAN CREEK	172	164	157	149	142	135	128	121	114	117	120	123	126	129	132
MASON CREEK	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16
MASON DRAIN	142	142	143	144	146	147	148	149	151	152	153	154	155	157	158
NORTH MIDDLETON DRAIN	63	59	56	53	49	46	43	39	36	39	43	46	50	53	57
SOUTH MIDDLETON DRAIN	135	129	123	117	111	104	98	92	86	88	90	93	95	97	100
THURMAN DRAIN	15	16	17	17	18	19	19	20	21	21	22	23	24	25	26
WILLOW CREEK	48	45	42	40	37	34	32	29	26	26	25	25	24	24	23
TOTALS	1042	1015	987	966	945	925	904	883	866	875	886	898	908	919	929

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
IRRIGATION SEASON OF 1969

JUNE

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
200	199	198	197	195	194	193	192	191	190	193	197	200	204	207	210	214	217	207	197	187
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
56	56	56	56	56	56	56	56	55	54	53	52	51	50	50	49	48	47	47	46	45
203	202	201	182	162	143	124	104	84	85	87	88	89	91	92	93	95	96	97	98	100
86	87	86	85	84	83	82	81	80	79	77	76	75	74	72	71	70	70	70	70	70
23	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	30	29	29	29
153	152	145	137	129	121	113	106	99	113	127	141	155	169	183	197	212	204	196	188	180
17	17	17	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
138	138	138	138	138	138	138	138	138	138	138	139	139	139	140	140	140	141	141	141	142
128	131	127	124	120	117	113	110	107	104	100	97	93	90	86	83	79	76	73	70	67
172	178	177	176	175	175	174	173	172	171	170	169	168	167	167	166	165	159	153	147	141
18	18	18	17	17	17	17	17	17	17	17	16	16	16	16	16	15	15	15	15	15
54	55	55	56	56	57	57	58	58	59	59	60	60	61	61	62	62	59	56	53	50
1275	1283	1269	1236	1200	1170	1135	1104	1070	1080	1091	1106	1117	1133	1146	1160	1173	1157	1127	1097	1069

JULY

14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15
156	157	158	159	160	162	163	164	164	164	164	164	164	164	164	163	163	162	162	161	160
15	16	16	16	16	16	17	17	17	17	17	17	17	17	16	16	15	15	14	14	13
54	55	56	57	58	58	58	58	59	59	59	59	60	60	60	60	61	61	61	61	60
83	80	78	75	73	70	68	68	68	68	67	67	67	66	66	66	66	65	65	65	65
68	69	69	70	70	70	71	71	72	72	73	73	74	74	74	74	74	74	74	74	74
26	26	27	27	27	27	28	28	28	28	29	29	29	29	29	29	28	28	28	27	27
117	120	123	126	129	132	135	136	138	139	141	143	145	147	145	143	142	140	139	137	136
16	16	16	16	16	16	16	16	16	17	17	17	18	18	18	19	19	19	20	20	20
152	153	154	155	157	158	159	158	157	156	155	154	153	153	152	151	150	149	148	147	146
39	43	46	50	53	57	60	64	67	71	75	78	82	85	84	82	81	79	78	76	75
88	90	93	95	97	100	102	104	107	109	111	113	115	117	117	117	118	118	118	118	119
21	22	23	24	25	26	25	24	24	23	22	22	21	20	20	19	18	18	17	16	16
26	25	25	24	24	23	23	23	22	22	21	21	20	20	21	22	23	24	24	25	26
875	886	898	908	919	929	939	945	953	959	965	971	979	983	980	974	972	965	962	955	952

FLOW TO BOISE RIVER
ON OF 1969

CHART NO. 12

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	14	14	14	409
194	193	192	191	190	193	197	200	204	207	210	214	217	207	197	187		6037
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		417
56	56	56	55	54	53	52	51	50	50	49	48	47	47	46	45		1608
143	124	104	84	85	87	88	89	91	92	93	95	96	97	98	100		4375
83	82	81	80	79	77	76	75	74	72	71	70	70	70	70	70		2366
25	25	26	26	27	27	28	28	29	29	30	30	30	29	29	29		796
121	113	106	99	113	127	141	155	169	183	197	212	204	196	188	180		4648
16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		495
138	138	138	138	138	138	139	139	139	140	140	140	141	141	141	142		4170
117	113	110	107	104	100	97	93	90	86	83	79	76	73	70	67		3112
175	174	173	172	171	170	169	168	167	167	166	165	159	153	147	141		4827
17	17	17	17	17	17	16	16	16	16	16	15	15	15	15	15		514
57	57	58	58	59	59	60	60	61	61	62	62	59	56	53	50		1649
1170	1135	1104	1070	1080	1091	1106	1117	1133	1146	1160	1173	1157	1127	1097	1069		35423

70.3 AC-FT $\times 10^3$

14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	436
162	163	164	164	164	164	164	164	164	164	163	163	162	162	161	160	159	5002
16	17	17	17	17	17	17	17	16	16	15	15	14	14	14	13	13	479
58	58	58	59	59	59	59	60	60	60	60	61	61	61	61	60	60	1741
70	68	68	68	68	67	67	67	66	66	66	66	65	65	65	65	68	2382
70	71	71	72	72	73	73	74	74	74	74	74	74	74	74	74	74	2204
27	28	28	28	28	29	29	29	29	29	29	28	28	28	27	27	27	854
132	135	136	138	139	141	143	145	147	145	143	142	140	139	137	136	141	4276
16	16	16	16	17	17	17	18	18	18	19	19	19	20	20	20	20	521
158	159	158	157	156	155	154	153	153	152	151	150	149	148	147	146	146	4675
57	60	64	67	71	75	78	82	85	84	82	81	79	78	76	75	73	1942
100	102	104	107	109	111	113	115	117	117	117	118	118	118	118	119	119	3380
26	25	24	24	23	22	22	21	20	20	19	18	18	17	16	16	16	624
23	23	23	22	22	21	21	20	20	21	22	23	24	24	25	26	27	844
929	939	945	953	959	965	971	979	983	980	974	972	965	962	955	952	958	29360

58.2 AC-FT $\times 10^3$

TRIBUTARY AND RETURN FLOW TO
IRRIGATION SEASON OF 19

AUGUST

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
DIXIE DRAIN	157	156	155	154	153	152	151	156	160	165	169	174	179	183	185	187
DRAINAGE DISTRICT #3	12	12	11	11	11	11	12	12	12	12	13	13	13	13	14	14
EAGLE DRAIN	60	59	59	59	58	58	58	58	57	57	57	57	57	57	56	56
FIVE MILE CREEK	71	74	77	79	81	84	87	90	92	95	98	100	103	106	107	107
HARTLEY DRAIN	74	74	74	74	74	74	74	74	74	74	74	74	74	74	73	73
HARTLEY GULCH	27	26	26	26	26	25	25	25	25	24	24	24	24	24	25	25
INDIAN CREEK	146	152	157	162	165	169	172	176	179	182	185	167	149	131	130	130
MASON CREEK	20	19	19	19	18	18	18	17	17	17	16	16	16	16	16	17
MASON DRAIN	146	146	146	146	146	146	145	145	145	145	145	145	145	147	149	150
NORTH MIDDLETON DRAIN	72	70	69	67	66	65	63	62	60	59	58	56	55	55	54	54
SOUTH MIDDLETON DRAIN	119	119	120	120	120	120	121	121	121	121	122	122	122	121	120	119
THURMAN DRAIN	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
WILLOW CREEK	28	28	29	30	31	32	33	34	34	35	36	37	38	38	38	38
TOTALS	963	966	973	978	980	985	990	1001	1007	1017	1028	1016	1006	996	998	1001

SEPTEMBER

BOISE SEWER	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14
DIXIE DRAIN	197	197	197	197	198	199	199	200	201	200	198	196	195	193	192	190
DRAINAGE DISTRICT #3	16	16	15	15	14	14	13	12	12	11	11	10	10	9	9	9
EAGLE DRAIN	51	50	50	50	49	49	48	48	48	48	48	48	48	49	49	49
FIVE MILE CREEK	109	107	106	105	103	102	101	99	98	97	97	98	98	99	99	100
HARTLEY DRAIN	66	65	65	64	64	64	63	63	62	62	62	61	61	60	60	59
HARTLEY GULCH	33	33	34	34	35	35	36	36	37	37	37	36	36	35	35	34
INDIAN CREEK	160	163	165	165	165	166	166	166	167	169	170	172	173	174	175	175
MASON CREEK	18	17	17	17	16	16	16	15	15	15	15	15	15	14	14	14
MASON DRAIN	177	179	180	181	182	183	184	185	186	187	187	187	188	188	188	189
NORTH MIDDLETON DRAIN	47	46	46	45	45	44	44	44	43	43	44	45	45	46	46	47
SOUTH MIDDLETON DRAIN	107	106	105	105	104	103	102	102	101	100	100	101	101	102	102	103
THURMAN DRAIN	18	18	18	18	19	19	19	20	20	20	20	20	20	20	19	19
WILLOW CREEK	35	34	34	34	34	33	33	33	33	33	33	33	34	34	34	35
TOTALS	1048	1045	1046	1044	1042	1041	1038	1037	1037	1036	1036	1036	1038	1037	1036	1038

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
IRRIGATION SEASON OF 1969

AUGUST

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
5	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14
50	165	169	174	179	183	185	187	188	189	191	193	194	194	195	196	196	197	197	198	198	198
12	12	13	13	13	13	14	14	14	14	14	14	14	14	14	15	15	15	15	15	16	16
57	57	57	57	57	57	56	56	56	56	55	55	55	55	54	54	54	54	53	53	53	53
92	95	98	100	103	106	107	107	108	109	109	110	111	112	112	113	114	114	113	114	113	111
74	74	74	74	74	74	73	73	73	72	72	71	71	70	70	69	69	68	68	68	67	67
25	24	24	24	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32
79	182	185	167	149	131	130	130	129	129	128	130	133	135	138	140	143	145	147	149	153	156
17	17	16	16	16	16	16	17	17	17	18	18	18	19	19	19	20	20	20	19	19	19
45	145	145	145	145	147	149	150	152	154	155	157	159	161	163	165	166	168	170	171	173	174
60	59	58	56	55	55	54	54	53	53	52	52	52	51	51	50	50	49	49	48	48	48
121	121	122	122	122	121	120	119	118	117	117	116	115	114	114	113	112	111	110	110	109	108
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17
34	35	36	37	38	38	38	38	38	38	37	37	37	37	37	36	36	36	36	36	35	35
1007	1017	1028	1016	1006	996	998	1001	1003	1005	1006	1011	1018	1020	1026	1029	1035	1037	1041	1042	1046	1047

SEPTEMBER

14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
201	200	198	196	195	193	192	190	191	192	192	193	194	195	195	196	196	196	196	196	195	195
12	11	11	10	10	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10
48	48	48	48	48	49	49	49	49	49	50	50	50	50	50	50	50	50	50	50	50	50
98	97	97	98	98	99	99	99	100	100	100	101	101	102	102	102	102	102	102	102	102	102
62	62	62	61	61	60	60	59	59	59	58	58	57	57	56	56	56	56	56	56	56	56
37	37	37	36	36	35	35	35	34	33	33	32	31	31	30	29	29	29	29	29	29	29
167	169	170	172	173	174	175	177	179	181	182	184	186	188	190	190	191	191	192	192	193	193
15	15	15	15	15	14	14	14	14	13	13	13	12	12	12	12	12	12	12	12	12	12
186	187	187	187	188	188	188	188	189	189	189	190	190	190	190	190	190	190	190	190	190	190
43	43	44	45	45	46	46	47	47	48	48	49	49	50	50	51	51	51	51	51	51	51
101	100	100	101	101	102	102	103	103	103	104	104	105	105	106	106	106	106	106	106	106	106
20	20	20	20	20	20	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18
33	33	33	33	34	34	34	35	35	35	36	36	36	37	37	37	37	37	37	37	37	37
1037	1036	1036	1036	1038	1037	1036	1038	1042	1044	1046	1051	1052	1058	1060	1061	1062	1063	1064	1064	1064	1064

6	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	455
87	188	189	191	193	194	194	195	196	196	197	197	198	198	198	198	5558
14	14	14	14	14	14	14	14	15	15	15	15	15	16	16	16	417
56	56	56	55	55	55	55	54	54	54	54	53	53	52	52	51	1732
07	108	109	109	110	111	112	112	113	114	114	115	114	113	111	110	3126
73	73	72	72	71	71	70	70	69	69	68	68	68	67	67	66	2223
25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	32	839
130	129	129	128	130	133	135	138	140	143	145	147	149	153	156	158	4665
17	17	17	18	18	18	19	19	19	20	20	20	19	19	19	18	559
150	152	154	155	157	159	161	163	165	166	168	170	171	173	174	176	4801
54	53	53	52	52	52	51	51	50	50	49	49	48	48	48	47	1738
119	118	117	117	116	115	114	114	113	112	111	110	110	109	108	107	3619
16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	499
38	38	38	37	37	37	37	37	36	36	36	36	36	35	35	35	1085
1001	1003	1005	1006	1011	1018	1020	1026	1029	1035	1037	1041	1042	1046	1047	1045	31316
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	425
190	191	192	192	193	194	195	195	196	196	196	196	196	195	195	195	5871
9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	390
49	49	49	50	50	50	50	50	50	50	50	50	50	50	50	50	1480
99	100	100	100	101	101	102	102	102	102	102	102	102	102	102	102	3037
59	59	59	58	58	57	57	56	56	56	56	56	56	56	56	56	1797
35	34	33	33	32	31	31	30	29	29	29	29	29	29	29	29	991
177	179	181	182	184	186	188	190	190	191	191	192	192	193	193	193	5325
14	14	13	13	13	12	12	12	12	12	12	12	12	12	12	12	422
188	189	189	189	190	190	190	190	190	190	190	190	190	190	190	190	5607
47	47	48	48	49	49	50	50	51	51	51	51	51	51	51	51	1418
103	103	103	104	104	105	105	106	106	106	106	106	106	106	106	106	3116
19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	561
35	35	35	36	36	36	37	37	37	37	37	37	37	37	37	37	1050
1038	1042	1044	1046	1051	1052	1058	1060	1061	1062	1063	1064	1064	1064	1064	1064	31430

62.1 ACFT = 10³

62.3 ACFT = 10³

TRIBUTARY AND RETURN FLOW TO E
IRRIGATION SEASON OF 196

OCTOBER

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
DIXIE DRAIN	195	195	195	194	194	194	194	194	194	193	193	193	193	193	193	
DRAINAGE DISTRICT #3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
EAGLE DRAIN	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
FIVE MILE CREEK	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	
HARTLEY DRAIN	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	
HARTLEY GULCH	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
INDIAN CREEK	193	194	194	195	195	196	196	197	197	198	198	199	199	200	200	
MASON CREEK	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
MASON DRAIN	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	
NORTH MIDDLETON DRAIN	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	
SOUTH MIDDLETON DRAIN	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	
THURMAN DRAIN	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
WILLOW CREEK	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	
TOTALS	1062	1063	1063	1063	1063	1064	1064	1065	1065	1065	1065	1066	1066	1067	1067	

IRRIGATION SEASON OF 1969

OCTOBER

[illegible]

BOISE RIVER
1988

CHART NO. 12

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																195
																8907
																150
																730
																1530
																840
																435
																2951
																180
																2850
																765
																1590
																270
																555
																15968
																10108
																21986

6.8.8 11.01.88
F.11.01.88

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 13

 $\text{CANAL DELIVERIES} = \text{TRIBUTARY GAIN} + \text{SEEPAGE GAIN} = \text{NET GAIN BY MONTHS IN ACRE FEET}$

JULY 1, 1969 THROUGH OCTOBER 15, 1969

	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTALS
BOISE RIVER AT DIVERSION DAM	282228	264624	195034	64182	806068
TRIBUTARY GAIN	58720	62632	62860	31936	216148
TOTAL AVAILABLE	340948	327256	257894	96118	1022216
DELIVERIES TO CANALS	351500	332628	251328	85742	1021198
NET TRIBUTARY GAIN			6566	10376	16942
SEEPAGE GAIN	10552	5372			15924
TOTAL TRIBUTARY GAIN					1018

CHART NO. 15

[illegible]

CHART NO. 16

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

[illegible]

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

CHART NO. 17

MONTH	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
APRIL	515	569	694	769	700	570	377	440	638	532	849	1003	345	289	592
MAY	905	1424	1569	1110	1562	1879	1007	1254	894	1179	776	1226	702	927	1016
JUNE	1177	1578	1300	1601	1213	1461	998	946	1505	1625	1386	1416	682	1017	1181
JULY	1330	1322	1329	1266	1162	1318	878	1143	1180	1227	1327	1088	802	1086	947
AUGUST	1211	1441	1337	1288	1484	1510	817	1164	1225	1412	1520	1064	867	1055	1010
SEPTEMBER	1349	1347	1338	1425	1379	1442	1096	1299	1481	1475	1430	1169	735	910	1048
OCTOBER										1277	2922	1152	672	1028	1065
AVERAGE	1081	1280	1261	1243	1250	1363	862	1041	1154	1247	1459	1160	686	902	980

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 WHILE CANAL DELIVERIES ARE 100 PERCENT.

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

DRAINAGE DISTRICT NO. 3

	PERCENT OF TOTAL		PERCENT OF TOTAL
BOARD OF CONTROL	49	ROSSI MILL	10
RIDENBAUGH	24	MEEVES	2
BUBB (SOUTH BOISE)	15		

THE CREDITS GIVEN ARE BASED UPON A DRAINAGE DISCHARGE OF 15 SECOND FEET WHILE CANAL DELIVERIES ARE 100 PERCENT.

DRAINAGE DISTRICT NO. 4

	INCHES
THURMAN MILL	570.98
RIDENBAUGH	51.34
WARM SPRINGS SLOUGH	127.68

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

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF REC. FILE NO.
				SEC. FT.	INCHES	
66-A	4-1-1878	J. S. KRAUS	BALLENTYNE	.80	40	373
129-A	4-1-1897	H. E. PLAIN	NEW DRY CREEK	.54	27	373
66-C	4-1-1878	J. W. KOLANDER	BALLENTYNE	1.40	70	373
66-D	4-1-1878	M. T. GRIFFITH	BALLENTYNE	.80	40	373
73-A	4-1-1880	GOBLE & SONGER	NEW DRY CREEK	.54	27	373
74-A	6-1-1880	C. B. FRANK	NEW DRY CREEK	1.816	90.8	380
85-A	6-1-1882	LEO MARSTERS	WARM SPRINGS SLOUGH	1.76	88	324
85-C	5-1-1883	WM. HUCKBA	NEW DRY CREEK	.2232	11.16	321
85-D	5-1-1883	C. H. SCHMELZER	BALLENTYNE	.8256	41.28	320
85-E	5-1-1883	C. W. MCCLURG	NEW DRY CREEK	.385	19.25	319
124-A	5-1-1893	W. D. CHARTERS	NEW DRY CREEK	.825	41.25	318
85-B	4-1-1883	JACOB BINGHAM	SETTLERS	1.00	50	317
77-E	4-15-1882	ROC HELMS	RIVERSIDE IRRIG. DIST.	3.674	183.70	295
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	412
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	412
35-A	6-1-1867	RALPH T. KNIGHT	CANYON COUNTY	1.76	88	419
116-A	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	12-A MISC.
116-B	6-1-1890	WILLIS B. SPENCER	RIVERSIDE IRRIG. DIST.	.10	5	12-A MISC.
116-C	6-1-1890	REBECCA BELL	RIVERSIDE IRRIG. DIST.	.40	20	12-A MISC.
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	466
114-B	5-1-1889	GUS A. BARTH	O'DONNELL & BARTH	.80	40	467
77-A	6-1-1881	GUS A. BARTH	PARMA DITCH CO.	1.60	80	467
77-B	6-1-1881	CHARLES JURRIES	PARMA DITCH CO.	.34	17	467
77-C	6-1-1881	JAMES FINLAY	PARMA DITCH CO.	.80	40	467
77-D	6-1-1881	LESTER J. SHIPPY	PARMA DITCH CO.	1.30	65	467
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	482
31-B	6-1-1866	MINNIE & JERRY COUZENS	MIDDLETON WATER	.60	30	482
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	482
71-A	4-1-1879	ISLAND HIGHLINE DITCH CO.		3.00	150	491
137-A	4-1-1910	ISLAND HIGHLINE DITCH CO.		7.00	350	491
73-B	1880	ALBERT LEMP ET AL	LARSEN-BAXTER & LEMP	3.20	160	496
8-C	1865	LOUISE SIMONSON	LEMP DITCH-EAGLE ISLAND	6.00	300	496
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	497
8-D	1865	S.G. HARDIES & AMELIA EISLEY	BUBB	.50	25	498
50-A	1870	S.G. HARDIES & AMELIA EISLEY	BUBB	1.00	50	498
106-A	3-1-1889	S.G. HARDIES & AMELIA EISLEY	BUBB	.84	42	498
59-A	5-1-1875	KARL F. & OTTO W. ROEDEL	INDIAN CREEK	3.20	160	648
123-A	4-15-1893	OTTO & MARIE MULLER	MIDDLETON MILL DITCH	1.60	80	
136	5-1-1906	H. E. WIMER	BALLENTYNE	.392	19.6	325
137	5-1-1909	B. P. WEAVERLING	MACE & MACE	1.76	88	324
138	6-14-1912	WESLEY A MACE	MACE & CATLIN	.44	22	293
139	4-1-1915	ISLAND HIGHLINE DITCH CO.	ISLAND HIGHLINE DITCH	10.00	500	491

NO. OF CHANGE
OF POINT OF
DIVERSION

POINT OF DIVERSION

FROM

TO

DATE OF
CHANGE

PRIORITY

NO.

DATE

NO. OF
ACRESQUA
IN

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

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

DATE OF CHANGE	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	REMARKS
	NO.	DATE				
2-1912	96	10-1-87	80		THOS. T. JOHNSTON	
31-1912					ALBERT F. CLEMONS	
26-1918			50	50	J. C. HUGHES	
15-1919	119	6-1-91		27	ED DAVIS	
3-1919			160	100	REBECCA BELL	
12-1918	35	6-1-67		19	DRAPER & OTHERS	
24-1915	57	6-1-72		52	SHAFFER & OTHERS	
12-1918	57	6-1-72			GEORGE RAMBO	
26-1919					JAS. D. RUARK	TO INDIAN CREEK
31-1920	19	6-1-65		144	JOHN S. SWISHER	
31-1920	20	6-1-65		320	BIRD BOWMAN	
24-1920	35	6-1-67		55 1/2	H. G. DUDLEY	FOOTE & WISEMAN
2-1920	65	6-1-77	35	30	EDWARD MCCLINTICK	
18-1921	31	6-1-66		130	W. KENNEDY	
22-1921	31-B	6-1-66		30	MINNIE COUZENS	
21-1921	102	6-1-88		10	HARRY SEAVEY	
25-1924				25	DETWEED ETC. BANK	
12-1925	85-B	4-1-83		50	JACOB BINGHAM	
26-1925	8-A	4-1-65	80	40	ADOLPH BAHLER	
26-1925	47-A	4-1-70		40	ADOLPH BAHLER	
29-1926	85-A	6-1-82		36	LEO MARSTERS	
9-1926	65	6-1-77		40	J. C. RALPH	
7-1926				25	J. C. BRUCE	
23-1926	103			32 1/2	IRA E. BARBER	NOT APPROVED BY SECRETARY (NEW)
3-1928					CHARLES JURRIES	
25-1931	31-A	6-1-66		115	WM MUSSEY	
15-1930		6-1-65		40	WM BAXTER	
16-1932	89	11-9-83		35	R. E. MCGUIRE	
23-1934	85-D	5-1-83		3	CHAS. H. SCHMELZER	
18-1934		7-9-12			FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
8-1936		6-1-67		10	CORA M. CLIFTON	
17-1936	96	10-1-87		75	DORA GREER	DECREED TO AMERICAN
18-1937		5-1-93		6.75	J. H. CONE	
15-1937	47-A	4-1-70		40	ADOLPH BAHLER	
15-1937		5-1-95		50	ADOLPH BAHLER	
15-1937	8-A	4-1-65		40	ADOLPH BAHLER	
27-1939		6-1-65		5	RAYMOND T. BRESHEARS	
5-1940	103	6-1-88		32 1/2	SID BARBER	
28-1944	103	6-1-88		12	FRANK M. RAY	
11-1944		6-1-83		85	WILBUR BRESHEARS	
18-1944		6-1-78		440	CHARLOTTIE D. ALLEN	
31-1945	51	6-1-64		12	IDAHO FISH & GAME DEPT.	
	521	6-1-711				
3-1954	89	11-9-83		45	J. E. HOUSTON	
17-54	114-A	5-1-89		80	ARNOLD C. CRAWFORTH	TO BE PUMPED FROM
30-58	89	11-9-83		30	J. E. EKBERG	
30-58		7-19-21		60	MARIE ECHEVARRIA & I. N. KESSINGER	LICENSED WATER RIGHT
10-62	114-B	5-1-89		40	BERT L. TREDWAY	O'DONNELL DITCH WATER
18-66	89	11-9-83	70	70	JOHN E. EKBERG	
10-66	89	11-9-83	25	25	EARL GILES	
2-20-61		10-28-06		200	HARVEY BURNETT	
6-10-68	53	6-1-71		90	CHARLES LITTLE	
23-68	31-C	6-1-66	55	55	MILTON SPARKS	

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

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

QUANTITY
IN INCHES

BY WHOM

REMARKS

50	THOS. T. JOHNSTON	
27	ALBERT F. CLEMONS	
100	J. C. HUGHES	
19	ED DAVIS	
52	REBECCA BELL	
	DRAPER & OTHERS	
	SHAFFER & OTHERS	
	GEORGE RAMBO	
	JAS. D. RUARK	TO INDIAN CREEK
144	JOHN S. SWISHER	
320	BIRD BOWMAN	
55 $\frac{1}{2}$	H. G. DUDLEY	FOOTE & WISEMAN
30	EDWARD MCCLINTICK	
130	W. KENNEDY	
30	MINNIE COUZENS	
10	HARRY SEAVEY	
25	DETWEED ETC. BANK	
50	JACOB BINGHAM	
40	ADOLPH BAHLER	
40	ADOLPH BAHLER	
36	LEO MARSTERS	
40	J. C. RALPH	
25	J. C. BRUCE	
32 $\frac{1}{2}$	IRA E. BARBER	NOT APPROVED BY DITCH COMPANIES
	CHARLES JURRIES	SECRETARY (NEW DIVERSION POINT)
115	WM MUSSEY	
40	WM BAXTER	
35	R. E. MCGUIRE	
3	CHAS. H. SCHMELZER	
	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
10	CORA M. CLIFTON	
75	DORA GREER	DECREED TO AMERICAN DITCH ASSOC.
6.75	J. H. CONE	
40	ADOLPH BAHLER	
50	ADOLPH BAHLER	
40	ADOLPH BAHLER	
5	RAYMOND T. BRESHEARS	
32 $\frac{1}{2}$	SID BARBER	
12	FRANK M. RAY	
85	WILBUR BRESHEARS	
440	CHARLOTTIE D. ALLEN	
12	IDAHO FISH & GAME DEPT.	
45	J. E. HOUSTON	
80	ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER DIRECT
30	J. E. EKBERG	
60	MARIE ECHEVARRIA & J. N. KESSINGER	LICENSED WATER RIGHT #15242 FORMERLY DIVERTED FROM A SLOUGH
40	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
70	JOHN E. EKBERG	
25	EARL GILES	
200	HARVEY BURNETT	
90	CHARLES LITTLE	
55	MILTON SPARKS	

POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES
FROM	TO	NO.	DATE		
SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	15
"	"	122	6-1-91	3-16-1909)	
AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100
AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-87	9-1-1909	605
SETTLERS	SETTLERS	92)	10-17-84	2-5-1910	10
BARBER LUMBER CO.	PENITENTIARY	50	6-1-70	2-4-1910	112
AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	1475
AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	9-31-1910	210
SETTLERS	SETTLERS	92)	10-17-84	6-7-1910	20
PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	50
UPPER CENTER POINT	EUREKA NO. 2	24	6-1-65	3-14-1911	40
SIEBENBERG	CANYON DITCH	9	6-1-65	9-18-1912	25
EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	60
PIONEER DIXIE	HILLCREST	8	9-1-64)	11-25-1912)	1017
"	"	45	6-1-69)	11-25-1912)	
JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	1000
PIONEER IRRIG. DIST.	PIONEER IRRIG. DIST.			7-15-1918	492
MIDDLETON MILL	DRY CREEK	9)	6-1-64	4-20-1921	17.5
MIDDLETON MILL	DRY CREEK	54)	6-1-71	4-20-1921	77
MIDDLETON MILL	SETTLERS	120)	6-1-91	2-6-1925	7
MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
MIDDLETON WATER	SETTLERS	65	6-1-77	5-1925	10
BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2
BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	18.7
MIDDLETON WATER #1	FARMERS UNION	65	6-1-77	5-6-1926	20
MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10
MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13.3
MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	8-13-1926	7.5
		54)	6-1-71)		
MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20
MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	9-15-1926	14.4
MIDDLETON MILL	FARMERS UNION	54)	6-1-71)		
MIDDLETON MILL	FARMERS UNION	120)	6-1-91)		
MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25
THURMAN	SETTLERS	81	6-1-82	12-2-1927	20
FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5
RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	445
SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5
SETTLERS	SETTLERS	92	10-17-84	11-18-1929	10
SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3
JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50
JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25
JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-1934	15
FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.37
JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	10
JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10
RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	50
RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35
CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25
CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	50
CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25

POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES
FROM	TO	NO.	DATE		
SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	15
"	"	122	6-1-91	3-16-1909)	
AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100
AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-87	9-1-1909	605
SETTLERS	SETTLERS	92)	10-17-84	2-5-1910	10
BARBER LUMBER CO.	PENITENTIARY	122)	6-1-91	2-4-1910	112
AMERICAN DITCH ASSN.	EUREKA NO. 2	50	6-1-70	3-18-1910	1475
AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210
SETTLERS	SETTLERS	92)	10-17-84	6-7-1910	20
PIONEER DIXIE	EUREKA NO. 2	122)	6-1-91	11-14-1910	50
UPPER CENTER POINT	EUREKA NO. 2	96	10-1-87	3-14-1911	40
SIEBENBERG	CANYON DITCH	24	6-1-65	9-18-1912	25
EUREKA NO. 2	HILLCREST	9	6-1-65	11-25-1912	60
PIONEER DIXIE	HILLCREST	96	10-1-87	11-25-1912)	1017
"	"	8	9-1-64)	11-25-1912)	
JACOBS	FARMERS UNION	45	6-1-69)	6-8-1914	1000
PIONEER IRRIG. DIST.	PIONEER IRRIG. DIST.	2	6-1-64	7-15-1918	432
MIDDLETON MILL	DRY CREEK	3)	6-1-64	4-20-1921	17.5
MIDDLETON MILL	DRY CREEK	54)	6-1-71	4-20-1921	77
MIDDLETON MILL	SETTLERS	120)	6-1-91	2-6-1925	7
MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
MIDDLETON WATER	SETTLERS	65	6-1-77	5-1925	10
BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2
BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	18.7
MIDDLETON WATER #1	FARMERS UNION	65	6-1-77	5-6-1926	20
MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10
MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13.3
MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	8-13-1926	7.5
		54)	6-1-71)		
MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20
MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	9-15-1926	14.4
MIDDLETON MILL	FARMERS UNION	54)	6-1-71)		
MIDDLETON MILL	FARMERS UNION	120)	6-1-91)		
MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25
THURMAN	SETTLERS	81	6-1-82	12-2-1927	20
FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5
RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	445
SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5
SETTLERS	SETTLERS	92	10-17-84	11-18-1929	10
SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3
JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50
JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25
JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-1934	15
FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.37
JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	10
JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10
RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	50
RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35
CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25
CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	50
CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

CHA

<u>DATE OF TRANSFER</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
3-18-1909)	15	WALTER S. BRUCE	
3-18-1909)			
4-12-1909	100	C. H. ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
9-1-1909	605	WM. M. MESSLER	
2-5-1910	10	J. E. MOORE	
2-4-1910	112	BARBER LUMBER CO.	
3-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
3-31-1910	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
6-7-1910	20	J. P. CLEEK	
11-14-1910	50	J. A. CARTRIGHT	CHANGE IN POINT OF DIVERSION
3-14-1911	40	J. D. ROLAND	CHANGE IN POINT OF DIVERSION ONLY
9-10-1912	25	H. E. MEEK	
11-25-1912	60	H. L. RANDALL & OTHERS	
11-25-1912)	1017	H. L. RANDALL & OTHERS	
11-25-1912)			
6-8-1914	1000	BOISE FRUIT TRACT CO.	
7-13-1918	432	PIONEER IRRIG. DIST.	LICENSED RIGHT INDIAN CREEK
4-20-1921	17.5	EMMA M. FOWLER	
4-20-1921	77	JOHN F. GROOME	
2-6-1923	7	C. E. WHITE	
2-6-1923	7	FRANK WEASEL	
2-6-1923	7	CARL A. GISH	
3-1-1923	10	NELLIE B. WHITAKER	
3-18-1926	56.2	HENRY W. BARTLETT	
4-26-1926	18.7	L. A. RICE	
3-6-1926	20	H. D. PARKS	
3-6-1926	10	A. G. WING	
7-8-1926	20	MARY F. LEACH	
7-8-1926	13.3	H. E. MCCONNELL	
7-8-1926	20	H. W. BARTLETT	
7-8-1926	20	E. E. SMITH	
8-13-1926	7.5	RUSH CHASE	
8-21-1926	20	FRED EGGERS	
9-13-1926	14.4	A. C. BOWERMAN	
11-16-1926	25	G. R. MCGUIRE	
12-3-1927	20	CHAS. P. MACE	
7-2-1928	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
7-6-1929	445	W. H. TULLER	
7-12-1929	5	C. C. WOOD	
11-18-1929	10	CHASE N. WALKER	
4-7-1930	3	FRANK P. WEASEL	
3-27-1932	50	W. SCOTT ANDERSON	
5-27-1932	25	FARMERS UNION DITCH	
3-13-1934	15	A. B. WHITNEY	
12-31-1934	34.37	FEDERAL LAND BANK	
9-9-1938	10	BOISE TRUST CO.	SOMERMEIR
9-9-1938	10	BOISE TRUST CO.	FALK
4-29-1940	50	W. F. TRACY	
11-12-1942	35	S. E. SMITH	
10-18-1943	25	W. W. HOWELL	LARSON TRACT
10-18-1943	50	W. W. HOWELL	HAMMING TRACT
10-18-1943	25	W. W. HOWELL	BUDGE TRACT

BY NAME

TRANSFERRED

RECEIVED

WALTER S. BRUCE

C. H. ROSENBERG

CHARGE IN POINT OF DIVERSION ONLY

W. H. WESSLER

J. E. MOORE

BARBER LUMBER CO.

AMERICAN DITCH ASSN.

CHARGE IN POINT OF DIVERSION ONLY

NICHOLS & COOPER

CHARGE IN POINT OF DIVERSION ONLY

J. P. CLEEN

J. H. CARTRIGHT

CHARGE IN POINT OF DIVERSION

J. D. ROUNDE

CHARGE IN POINT OF DIVERSION ONLY

H. E. REEV

H. L. RANDALL & OTHERS

H. L. RANDALL & OTHERS

BOISE FRUIT TRACT CO.

PIONEER IRRIG. DIST.

WATER RIGHT INDIAN CREEK

EMMA H. FOWLER

JOHN F. GROSNE

C. E. WHITE

FRANK WESSER

CARL A. GISH

NELLIE B. WHITAKER

HENRY W. BARTLETT

L. A. RICE

H. D. PARKS

A. G. WING

MARY F. LEACH

H. E. MCCONNELL

H. W. BARTLETT

E. E. SMITH

RUSH CHASE

FRED EGGERS

A. C. BOWENMAN

G. R. MCCLURE

CHAS. P. NACE

D. E. ALLISON

W. H. TULLER

PIONEER IRRIGATION WATER

C. C. WOOD

CHASE W. WALKER

FRANK P. WESSER

W. SCOTT ANDERSON

FARMERS UNION DITCH

A. B. WHITNEY

FEDERAL LAND BANK

BOISE TRUST CO.

BOISE TRUST CO.

W. F. TRACY

S. E. SMITH

W. W. HOWELL

W. W. HOWELL

W. W. HOWELL

11/1/58

11/1/58
11/1/58
11/1/58

BY WHOM
TRANSFERRED

REMARKS

WALTER S. BRUCE

C. H. ROSENBERGER

WM. M. MESSLER

J. E. MOORE

BARBER LUMBER CO.

AMERICAN DITCH ASSN.

NICHOLS & COOPER

J. P. CLEEK

J. A. CARTRIGHT

J. D. ROLAND

H. E. MEEK

H. L. RANDALL & OTHERS

H. L. RANDALL & OTHERS

CHANGE IN POINT OF DIVERSION ONLY

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CHANGE IN POINT OF DIVERSION
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BOISE FRUIT TRACT CO.

PIONEER IRRIG. DIST.

EMMA M. FOWLER

JOHN F. GROOME

C. E. WHITE

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RUSH CHASE

LICENSED RIGHT INDIAN CREEK

FRED EGGERS

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W. W. HOWELL

W. W. HOWELL

W. W. HOWELL

FORMERLY MIDDLETON WATER

SOMERMEIR
FALK

LARSON TRACT
HAMMING TRACT
BUDGE TRACT

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUAN- TY
	FROM	TO	NO.	DATE		
660	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-11-1944	
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	
694	"	"	30	5-1-66	4-29-1946	
694	"	"	30	5-1-66	4-29-1946	
694	"	"	30	5-1-66	4-29-1946	
701	"	NEW YORK	30	5-1-66	4-29-1946	
702	"	SETTLERS	30	5-1-66	12-20-1946	
712	"	"	30	5-1-66	12-20-1946	
712	"	"	30	5-1-66	6-14-1947	
712	"	"	30	5-1-66	6-14-1947	
713	"	"	30	5-1-66	6-14-1947	
717	SIEBENBERG	NEW DRY CREEK	30	5-1-66	6-14-1947	
720	CONSUMERS	FARMERS CO-OP	9	6-1-65	11-25-1947	
720	"	SETTLERS	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
736	THURMAN MILL	"	30	5-1-66	5-4-1948	
737	CONSUMERS	"	37	6-1-68	3-9-1949	
739	"	"	30	5-1-66	3-9-1949	
753	"	"	30	5-1-66	4-2-1949	
754	"	"	30	5-1-66	4-14-1950	
790	HILLCREST	MIDDLETON MILL	30	5-1-66	4-14-1950	
790	"	NEW YORK	8	9-1-64	3-28-1952	1000
790	"	"	45	6-1-69	3-28-1952	17
823	CONSUMERS	"	96	10-1-87	3-28-1952	60
829	"	SETTLERS	30	5-1-66	7-13-1954	300
871	THURMAN MILL	"	30	5-1-66	9-3-1954	24
872	"	"	36	6-1-68	10-2-1956	14
873	CONSUMERS	"	36	6-1-68	10-2-1956	11
890	"	"	30	5-1-66	10-2-1956	10
906	"	"	30	5-1-66	7-11-1957	5
917	"	"	30	5-1-66	4-3-58	5
918	"	"	30	5-1-66	12-15-58	10
940	"	"	30	5-1-66	12-15-58	1
976	"	"	30	5-1-66	2-15-60	2.5
977	"	NEW YORK	30	5-1-66	1-17-62	75
979	"	SETTLERS	30	5-1-66	1-17-62	10
980	"	"	30	5-1-66	2-23-62	5
989	"	"	30	5-1-66	2-23-62	6
990	"	"	30	5-1-66	5-29-62	10
991	"	"	30	5-1-66	7-5-62	4
1007	"	"	30	5-1-66	7-5-62	8
1009	NEW DRY CREEK	NEW YORK	30	5-1-66	4-17-63	30
1010	CONSUMERS	DRAIN DITCH	73-A	4-1-80	5-16-63	5
1011	"	NEW YORK	30	5-1-66	6-14-63	100
1017	"	RIVER	30	5-1-66	6-3-63	150
1035	"	NEW YORK	30	5-1-66	9-26-63	30
1038	"	MORE'S CREEK	30	5-1-66	9-4-64	100
1048	"	PHYLLIS	30	5-1-66	10-28-64	1085.75
1048	BOISE CITY	FARMERS UNION	33	6-1-66	5-20-65	4.38
1059	"	"	33	6-1-66	10-28-65	5.00
1074	MORE'S CREEK	NEW YORK	30	5-1-66	10-13-66	100

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

DATE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
1-83	4-11-1944	30	D. W. BALDWIN	
1-86	4-29-1946	8	W. W. HOWELL	KENNETH O. EARL
1-86	4-29-1946	6	"	L. R. FEWKES
1-86	4-29-1946	7	"	D. G. STARK
1-86	4-29-1946	13	"	G. W. KYLE
1-86	12-20-1946	100	"	REX JENSON (BOISE-KUNA IRRIG. DIST.)
1-86	12-20-1946	90	"	MRS. EDITH CURTIS
1-86	6-14-1947	10	"	CLYDE SIMPSON
1-86	6-14-1947	10	"	JOHN DEMOND
1-86	6-14-1947	25	"	LEN SIMPSON
1-86	6-14-1947	27	"	J. S. BEEDE
1-86	11-25-1947	32	R. M. TUCKER	
1-86	5-4-1948	10	W. W. HOWELL	W. E. DOTY
1-86	5-4-1948	10	"	TOM ERQUIAGA
1-86	5-4-1948	7	"	LOUIS ODERMOTT
1-86	5-4-1948	10	"	W. H. CALDWELL
1-86	5-4-1948	20	"	NORMAN C. STEELE
1-86	5-4-1948	10	"	GEORGE BERT ROYLANCE
1-86	3-9-1949	50	AIRCRAFT SERVICE CO.	
1-86	3-9-1949	55	W. W. HOWELL	
1-86	4-2-1949	7.5	"	
1-86	4-14-1950	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
1-86	4-14-1950	20	J. R. FIELD	BRINK TRACT
1-86	3-28-1952	1000	FOREST SOWER	
1-86	3-28-1952	17	"	
1-86	3-28-1952	60	"	
1-86	7-13-1954	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
1-86	9-3-1954	24	"	10" TO THE GOLDEN KENT TRACT AND 14"
1-86	10-2-1956	14.4	J. FRANK BRYCE	
1-86	10-2-1956	11	GEORGE D. KEYSER, JR.	
1-86	10-2-1956	10	G. S. TAYLOR	
1-86	7-11-1957	5	FRANCIS H. NEITZEL	THEODORE L. JOHNSON TRACT
1-86	4-3-58	5	"	R. S. POTTER TRACT
1-86	12-15-58	10	"	R. W. WHITE TRACT
1-86	12-15-58	1.25	"	EDWARD C. MAW & F. LEROY SPRAGUE TRACT
1-86	2-15-60	2.5	"	H. P. IRBY TRACT
1-86	1-17-62	75	G. S. TAYLOR	EARL M. & DELLA LUKEHART TRACT
1-86	1-17-62	10	"	SYMMS FRUIT RANCH, INC.
1-86	2-23-62	5	"	EVERETT RAMBO TRACT
1-86	2-23-62	6	"	R. E. DAISY M. THOMPSON TRACT
1-86	5-29-62	10	"	CHESNEY LITTLE TRACT
1-86	7-5-62	4	"	THERION E. CHRISTENSEN TRACT
1-86	7-5-62	8	"	LYLE F. TRAPP TRACT
1-86	4-17-63	50	"	CHARLES G. HYDE TRACT
1-86	3-16-63	5	NEW DRY CREEK	GLENN DRAPER
1-86	6-14-63	100	G. S. TAYLOR	R. B. BETTY
1-86	6-3-63	150	"	JOHN DOBSON
1-86	9-26-63	30	"	SURPRISE VALLEY FARMS
1-86	9-4-64	100	"	FRANCIS HERMAN
1-86	10-28-64	1085.75	"	CARL NICHOLSON
1-86	3-20-65	4.38	BOISE CITY CANAL	PIONEER IRRIGATION DIST.
1-86	10-28-65	5.00	"	LEATHERMAN & BINGMAN
1-86	10-13-66	100	CARL NICHOLSON	W. T. & HATTIE M. SPRINGER

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

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

STEWART DECREE

NO.	DATE	NAME	AMOUNT DECREED		NO.	DATE	NAME
			SEC. FT.	INCHES			
46.	6-1-69	MASON CREEK DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.
47.	X6-1-69	T. W. BOONE	3.50	175	92.	10-17-84	SETTLERS CANAL CO.
50.	6-1-70	BARBER LUMBER CO.	2.24	112	93.	6-1-86	NEW DRY CREEK DITCH
48.	6-1-70	W. J. HAMMING	2.60	130	94.	6-1-86	THOMAS DAVIS
49.	6-1-70	PIONEER CANAL	25.72	1286	95.	X1-23-87	WM. C., L. & E. YOUNG
51.	X6-1-70	THOMAS ANDREWS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.
52.	6-1-71	CATLIN & MACE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.
53.	6-1-71	PETER MEEVES	1.80	90	98.	6-1-88	A. V. LINDER
54.	6-1-71	MIDDLETON MILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH
55.	6-1-72	J. F. YARYAN	.70	35	100.	6-1-88	CHARLOTTE CALHOUN
56.	6-1-72	J. F. YARYAN	1.40	70	101.	6-1-88	ED. J. LINDER
57.	6-1-72	MARY C. DAVIS	4.40	220	102.	6-1-88	LIZZIE EVERETT
58.	6-1-72	EDWARD N. HART	3.30	165	103.	6-1-88	JESSIE WILSON
59.	X6-1-74	J. W. BOONE	2.20	110	104.	X6-1-88	THOMAS ANDREWS
60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.
61.	6-1-76	EDWARD & MARY CLARK	2.30	115	106.	8-20-88	NAMPA MERIDIAN IRRIG. DIST.
62.	6-1-76	JOHN CECIL	.44	22	107.	5-1-89	CHAS. S. MILLER
63.	6-1-77	THOMAS AIKENS	5.20	260	108.	5-1-89	LOMMIS S. HOSELEY
64.	6-1-77	W. H. CONWAY	.90	45	109.	5-1-89	S. J. UTTER & C. B. T.
65.	6-1-77	MIDDLETON WATER CO.	114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRR.
66.	7-1-77	PERRAULT & JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER
67.	5-1-78	NAMPA MERIDIAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY
68.	X6-1-78	JOHN MAMMON	4.20	210	113.	5-1-89	GRACE CALL
69.	X6-1-78	JULIA MAMMON	3.36	168	114.	5-1-89	SAMUEL H. CAMFIELD
70.	X6-1-78	CHARLES ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN
71.	X6-1-78	R. H. STOCKTON	4.40	220	116.	6-1-89	SONORA JOPLIN
72.	6-1-79	NEW DRY CREEK DITCH CO.	31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT
73.	X6-1-79	D. MUMFORD	4.00	200	118.	6-1-91	W. H. CONWAY
74.	X6-1-80	SMITH STOCKTON	1.76	88	119.	6-1-91	THOMAS DAVIS
75.	6-1-80	ISHAM JOPLIN	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.
76.	10-20-80	JOSEPH GOBLE	.90	45	121.	X6-1-91	THOMAS ANDREWS
77.	10-29-80	FRANKLIN DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.
78.	6-1-82	ALLEN V. WEBSTER	.90	45	123.	6-1-91	THOMAS AIKEN
79.	6-1-82	SUSTE CAMPBELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.
80.	6-1-82	J. T. BARBER	1.60	80	125.	X6-1-94	R. H. STOCKTON
81.	6-1-82	SONORA JOPLIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.
82.	6-1-82	S. W. HUTCHINSON	.44	22	127.	5-1-95	CHARLES REIN & JANE KEON
83.	6-1-82	JOHNSON	.44	22	128.	7-1-95	MATHEW CASEY
84.	6-1-82	ANDREW J. JOPLIN	2.86	143	129.	X7-1-96	FARMERS CO-OP. DITCH CO.
85.	6-1-82	JAMES L. GRAHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.
86.	X6-1-83	FARMERS CO-OP. DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.
87.	6-1-83	FRANCIS M. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.
88.	X6-1-83	W. A. BLACK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.
89.	X11-9-83	EUREKA DITCH CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.
90.	6-1-84	PIONEER IRRIG. DIST.	53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.

STEWART DECREE

NO.	DATE	NAME	AMOUNT DECREED		NO.	DATE	NAME
			SEC. FT.	INCHES			
46.	6-1-69	MASON CREEK DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.
47.	X6-1-69	T. W. BOONE	3.50	175	92.	10-17-84	SETTLERS CANAL CO.
50.	6-1-70	BARBER LUMBER CO.	2.24	112	93.	6-1-86	NEW DRY CREEK DITCH
48.	6-1-70	W. J. HAMMING	2.60	130	94.	6-1-86	THOMAS DAVIS
49.	6-1-70	PIONEER CANAL	25.72	1286	95.	X1-23-87	WM. C., L. & E. YOUNG
51.	X6-1-70	THOMAS ANDREWS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.
52.	6-1-71	CATLIN & MACE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.
53.	6-1-71	PETER MEEVES	1.80	90	98.	6-1-88	A. V. LINDER
54.	6-1-71	MIDDLETON MILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH
55.	6-1-72	J. F. YARYAN	.70	35	100.	6-1-88	CHARLOTTE CALHOUN
56.	6-1-72	J. F. YARYAN	1.40	70	101.	6-1-88	ED. J. LINDER
57.	6-1-72	MARY C. DAVIS	4.40	220	102.	6-1-88	LIZZIE EVERETT
58.	6-1-72	EDWARD N. HART	3.30	165	103.	6-1-88	JESSIE WILSON
59.	X6-1-74	J. W. BOONE	2.20	110	104.	X6-1-88	THOMAS ANDREWS
60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.
61.	6-1-76	EDWARD & MARY CLARK	2.30	115	106.	8-20-88	NAMPA MERIDIAN IRRIG.
62.	6-1-76	JOHN CECIL	.44	22	107.	5-1-89	CHAS. S. MILLER
63.	6-1-77	THOMAS AIKENS	5.20	260	108.	5-1-89	LOMMIS S. HOSELEY
64.	6-1-77	W. H. CONWAY	.90	45	109.	5-1-89	S. J. UTTER & C. B. T.
65.	6-1-77	MIDDLETON WATER CO.	114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRR.
66.	7-1-77	PERRAULT & JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER
67.	5-1-78	NAMPA MERIDIAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY
68.	X6-1-78	JOHN MAMMON	4.20	210	113.	5-1-89	GRACE CALL
69.	X6-1-78	JULIA MAMMON	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD
70.	X6-1-78	CHARLES ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN
71.	X6-1-78	R. H. STOCKTON	4.40	220	116.	6-1-89	SONORA JOPLIN
72.	6-1-79	NEW DRY CREEK DITCH CO.	31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT
73.	X6-1-79	D. MUMFORD	4.00	200	118.	6-1-91	W. H. CONWAY
74.	X6-1-80	SMITH STOCKTON	1.76	88	119.	6-1-91	THOMAS DAVIS
75.	6-1-80	ISHAM JOPLIN	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.
76.	10-20-80	JOSEPH GOBLE	.90	45	121.	X6-1-91	THOMAS ANDREWS
77.	10-29-80	FRANKLIN DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.
78.	6-1-82	ALLEN V. WEBSTER	.90	45	123.	6-1-91	THOMAS AIKEN
79.	6-1-82	SUSIE CAMPBELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.
80.	6-1-82	J. T. BARBER	1.60	80	125.	X6-1-94	R. H. STOCKTON
81.	6-1-82	SONORA JOPLIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.
82.	6-1-82	S. W. HUTCHINSON	.44	22	127.	5-1-95	CHARLES REIN & JANE REIN
83.	6-1-82	JOHNSON	.44	22	128.	7-1-95	MATHEW CASEY
84.	6-1-82	ANDREW J. JOPLIN	2.86	143	129.	X7-1-96	FARMERS CO-OP. DITCH CO.
85.	6-1-82	JAMES L. GRAHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.
86.	X6-1-83	FARMERS CO-OP. DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.
87.	6-1-83	FRANCIS M. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.
88.	X6-1-83	W. A. BLACK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.
89.	X11-9-83	EUREKA DITCH CO. No. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.
90.	6-1-84	PIONEER IRRIG. DIST.	53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.

AMOUNT DECREED		NO.	DATE	NAME	AMOUNT DECREED	
SEC. FT.	INCHES				SEC. FT.	INCHES
37.80	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000
3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4953
2.84	112	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761
2.60	130	94.	6-1-86	THOMAS DAVIS	13.40	670
23.72	1286	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393
1.80	90	98.	6-1-88	A. V. LINDER	4.00	200
33.70	1685	99.	6-1-88	LEVI SMITH	1.30	65
.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70
1.40	70	101.	6-1-88	ED. J. LINDER	1.46	73
4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20	60
3.30	165	103.	6-1-88	JESSIE WILSON	1.40	70
2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45
10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
2.30	115	106.	8-20-88	NAMPA MERIDIAN IRRIG. DIST.	370.84	18542
.44	22	107.	5-1-89	CHAS. S. MILLER	.06	3
5.20	260	108.	5-1-89	LOHNS S. HOSELEY	.02	1
.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40	120
114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
170.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05	2
4.20	210	113.	5-1-89	GRACE CALL	.10	5
3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1
8.80	440	115.	6-1-89	SONORA JOPLIN	.06	3
4.40	220	116.	6-1-89	SONORA JOPLIN	1.20	60
31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
4.00	200	118.	6-1-91	W. H. CONWAY	2.20	110
1.76	88	119.	6-1-91	THOMAS DAVIS	.54	27
2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00	850
.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50	175
27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	73.44	3672
.90	45	123.	6-1-91	THOMAS AIKEN	.80	40
.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00	4000
1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76	88
3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
.44	22	127.	5-1-95	CHARLES REIN & JANE KEON	1.00	50
.44	22	128.	7-1-95	MATHEW CASEY	.66	33
2.86	143	129.	X7-1-96	FARMERS CO-OP. DITCH CO.	83.50	4175
2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
80.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277
53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34	2817

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER NO.	PRIORITY DATE	STEWART DECREE	AMOUNT DECREED		TOTAL SEC. FT.
					INTERVENORS STEWART DECREE	BRYAN DECREE	
ANDREWS DITCH		4	6-1-1864	3.30			165
		29	6-1-1865	6.00			300
		44	6-1-1869	8.50			425
		51	6-1-1870	1.30			65
		104	6-1-1888	.90			45
		121	6-1-1891	3.50			175
							23.50

BALLENTYNE		98	6-1-1888	4.00			200
		99	6-1-1888	1.30			65
		100	6-1-1888	1.40			70
		101	6-1-1888	1.46			73
		102	6-1-1888	1.20			60
		103	6-1-1888	1.40			70
		123	6-1-1891	.80			40
		66-A	4-1-1878		.80		40
		66-C	4-1-1878		1.40		70
		66-D	4-1-1878		.80		40
		85-D	5-1-1883		.8256		41.28
		136	5-1-1906		.392		19.6
	57	65	6-1-1877	.60			30
	64*	102	6-1-1888	.20*			10*
	140*	85-D	5-1-1883		.07*		3.5*
	151	124-A	5-1-1893		.135		6.75
	161*	103	6-1-1888	.65*			32.5*
	174*	103	6-1-1888	.24*			12*
							15.3526

BOISE CITY		33	6-1-1866	38.06			1903
	370*	33	6-1-1866	1.124*			56.2*
	373*	33	6-1-1866	.374*			18.7*
	1048*	33	6-1-1866	.0875*			4.375*
	1059*	33	6-1-1866	.10*			5*
							36.3745

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
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*
	54*		35	6-1-1867	1.11*			55.5*
	59		31	6-1-1866	2.60			130
	75				.50			25
	147		35	6-1-1867	.20			10
								80.37
DAVIS (LITTLE DAVIS)			94	6-1-1886	13.40			670
			119	6-1-1891	.54			27
								13.94

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
EAGLE ISLAND CANALS									
AIKEN			63	6-1-1877	5.20			260	5.20
CONWAY & HAMMING			48	6-1-1870	2.60			190	
			64	6-1-1877	.90			45	
			118	6-1-1891	2.20			110	5.70
GRAHAM & GILBERT			12	6-1-1865	4.40			220	4.40
HART & DAVIS			6	6-1-1864	3.30			165	
			57	6-1-1872	4.40			220	
			58	6-1-1872	3.30			165	
	38*)		57	6-1-1872					
	39*)				1.04*			52*	9.96
LEMP DITCH			8-C	1865		6.00		300	6.00
MACE & CATLIN			5	6-1-1864	2.86			143	
			52	6-1-1871	7.86			393	
	179*		5)	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
SEVEN SUCKERS	38)		57	6-1-1872				52	
	39)				1.04			12	
	179		5)	6-1-1864	.24				
			52)	6-1-1871					1.28

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

MISCELLANEOUS

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

*SUBTRACT

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 NO.	PRIORITY 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			58.86	2943	
			12-14-1903			1354.58	67729	
			6-16-1909			926.50	46325	
	(790-111)	8	9-1-1864	20.34			1017	
		45	6-1-1869					
	(790-111)	96	10-1-1887	1.20			60	
	466	106	8-20-1888	8.90			445	
	701	30	5-1-1866	2.00			100	
	823	30	5-1-1866	6.00			300	
	976	30	5-1-1866	1.50			75	
	1007	30	5-1-1866	1.00			50	
	1010	30	5-1-1866	2.00			100	
	1017	30	5-1-1866	.60			30	
	1074	30	5-1-1866	2.00			100	2604.58
O'DONNELL DITCH		114-A	5-1-1889		1.60		80	
		114-B	5-1-1889		.80		40	
	227*	114-A	5-1-1889		1.60*		80	
	257*	114-B	5-1-1889		.80*		40*	0.00
PARMA DITCH		71	6-1-1878	4.40			220	
		74	6-1-1880	1.76			88	
		125	6-1-1894	1.76			88	
		77-A	6-1-1881		1.60		80	
		77-B	6-1-1881		.34		17	
		77-C	6-1-1881		.80		40	
		77-D	6-1-1881		1.30		65	
	257	114-B	5-1-1889		.80		40	12.76
PENITENTIARY	46	50	6-1-1870	2.24			112	2.24
PHYLLIS		90	6-1-1884	59.10			2655	
		117	9-1-1890	200.00			10000	
		135	4-1-1904	56.34			2817	
			4-1-1905			306.56	15328	
			4-1-1908			54.50	2725	
	1038	30	5-1-1866	21.715			1086	692.215

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				
			NO.	DATE	INTERVENORS			INCHES	SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE		
PIONEER DIXIE			8	9-1-1864	20.00			1000	
			45	6-1-1869	35.44			1772	
		36	96	10-1-1887	2.00			100	
		48	96	10-1-1887	4.20			210	
		62*	96	10-1-1887	1.00*			50*	
		111*	8)	6-1-1864					
			45)	6-1-1869	20.34*			1017*	
		608	88	6-1-1883	1.00			50	
		644	88	6-1-1883	.70			35	
		660	88	6-1-1883	.60			30	
	35*				2.00*			100*	
	148*		96	10-1-1887	1.50*			75*	
				7-9-1914					
							20.90	1045	60.00
RIDENBAUGH (NAMPA & MERIDIAN)			67	5-1-1878	170.00			8500	
			106	8-20-1888	370.84			18542	
		392	65	6-1-1877	.40			20	
	152		47-A	4-1-1870		.80		40	
	153		127	5-1-1895	1.00			50	
	154		8-A	4-1-1865		.80		40	
		466*	106	8-20-1888	8.90*			445*	
		595	1	6-1-1864	.20			10	535.14
RIVERSIDE			88	6-1-1883	12.00			600	
			91	6-1-1884	20.00			1000	
			95	1-23-1887	4.00			200	
			124	5-1-1893	80.00			4000	
			130	10-1-1899	20.00			1000	
			133	6-1-1901	70.00			3500	
			77-E	4-15-1882		3.674		183.7	
			116-A	6-1-1890		.72		36	
			116-B	6-1-1890		.10		5	
			116-C	6-1-1890		.40		20	
				4-1-1910			63.78	3189	
				4-1-1914			17.70	885	
		608*	88	6-1-1883	1.00*			50*	
		644*	88	6-1-1883	.70*			35*	
		660*	88	6-1-1883	.60*			30*	
	35				2.00			100	
	175*		88	6-1-1883	1.70*			85*	290.374
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			TOTAL INCHES	TOTAL SEC. FT.
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
ROSSI MILL		16	6-1-1865	9.20			460	
		18	6-1-1865	.80			40	10.00
SEBREE (FARMERS CO-OP)		60	6-1-1875	10.00			500	
		86	6-1-1883	20.00			1000	
		105	7-1-1888	50.00			2500	
		129	7-1-1896	83.50			4175	
			4-1-1905				7722	
		717	9	6-1-1865	.64	154.45	32	318.59

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	PRIORITY		AMOUNT DECREED					
		TRANSFER NO.	DATE	STEWART DECREE	INTERVENORS			TOTAL SEC. FT.	
					STEWART DECREE	BRYAN DECREE	INCHES		
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				500	
		86	6-1-1883	20.00				1000	
		105	7-1-1888	50.00				2500	
		129	7-1-1896	83.50				4175	
			4-1-1905					7722	
		717	9	6-1-1865	.64		154.45	32	318.59

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER NO.	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
SETTLERS			92	10-17-1884	99.06			4953
			122	6-1-1891	73.44			3672
		347	3	6-1-1864	.14			7
		349	3	6-1-1864	.14			7
		350	3	6-1-1864	.14			7
		357	65	6-1-1877	.20			10
		412	81	6-1-1882	.40			20
	76		85-B	4-1-1883		1.00		50
	83		85-A	6-1-1882		.72		36
		430	65	6-1-1877	.25			12.5
		595	1	6-1-1864	.20			10
		654	30	5-1-1866	.50			25
		654	30	5-1-1866	1.00			50
		654	30	5-1-1866	.50			25
		694	30	5-1-1866	.16			8
		694	30	5-1-1866	.12			6
		694	30	5-1-1866	.14			7
		694	30	5-1-1866	.26			13
		702	30	5-1-1866	.60			30
		712	30	5-1-1866	.20			10
		712	30	5-1-1866	.20			10
		712	30	5-1-1866	.50			25
		720	30	5-1-1866	1.34			67
		736	37	6-1-1868	1.00			50
		737	30	5-1-1866	1.10			55
		739	30	5-1-1866	.15			7.5
		753	30	5-1-1866	.46			23
		829	30	5-1-1866	.48			24
		871	36	6-1-1868	.288			14.4
		872	36	6-1-1868	.22			11
		873	30	5-1-1866	.20			10
		890	30	5-1-1866	.10			5
		906	30	5-1-1866	.10			5
		917	30	5-1-1866	.20			10
		918	30	5-1-1866	.025			1.25
		940	30	5-1-1866	.05			2.5
		977	30	5-1-1866	.20			10
		979	30	5-1-1866	.10			5
		980	30	5-1-1866	.12			6
		989	30	5-1-1866	.20			10
		990	30	5-1-1866	.08			4
		991	30	5-1-1866	.16			8
								186.445
SIEBENBERG			9	6-1-1865	13.42			671
		105*	9	6-1-1865	.50*			25*
		717*	9	6-1-1865	.64*			32* 12.28

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1	THOMAS DAVIS	1	2.20	1.65	1.32	1	1323	1632
*2	JACOBS CANAL CO.	1	20.00	20.00	20.00	21		
3	MIDDLETON MILL DITCH CO.	1	12.80	9.60	7.68	29	1325	1635
4	THOMAS ANDREWS	3	3.30	2.48	1.98	31		
5	CATLIN & MACE	1	2.86	2.15	1.72	33	1325	1636
6	T. C. CATLIN	1	3.30	2.48	1.98	35	1326	1637
7	C. C. HAVIRD	1	3.30	2.48	1.98	37	1326	1638
8	PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00			
8A	ADOLPH BAHLER	1	.80	.60	.48		1327	
8B	FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08	38	1327	
8C	LOUISE SIMONSON	1	6.00	4.50	3.60	42		
8D	S.G. HARDIES & AMELIA EISLEY	1	.50	.38	.30			
9	SIEBENBERG	2	13.42	10.07	8.05			
10	ALLEN V. WEBSTER	1	1.20	.90	.72	43	1327	1639
11	J. F. YARYAN	1	.66	.50	.40		1327	
12	GRAHAM & GILBERT	1	4.40	3.30	2.64	46	1328	1640
13	EUREKA WATER CO.	1	33.32	24.99	19.99	66	1333	1648
14	NEW UNION DITCH CO.	1	13.76	10.32	8.26	74	1335	1652
15	BOISE VALLEY IRRIG. CO.	1	54.58	40.94	32.75	107	1343	1665
16	RIDENBAUGH & ROSSI	1	9.20	6.90	5.52	112	1345	1667
17	RIDENBAUGH & ROSSI (POWER)	1						
18	DENVER & IDAHO LAND CO.	1	.80	.60	.48	113		1668
19	MARTHA BOWMAN	2	2.88	2.16	1.73			
20	BIRD BOWMAN	2	6.40	4.80	3.84			
21	G. W. GESS	2	2.90	2.18	1.74			
22	ROBERT MCGUIRE	2	3.20	2.40	1.92			
23	C. W. COOPER	2	3.20	2.40	1.92			
24	J. W. ROWLAND	2	2.40	1.80	1.44			
25	DRAPER & WELLS	2	3.94	2.96	2.36			
26	THOMAS J. PALMER	2	1.60	1.20	.96			
27	NOAH W. PALMER	2	1.58	1.19	.95			
28	J. N. TUCKER	3	7.00	5.25	4.20			
29	THOMAS ANDREWS	3	6.00	4.50	3.60			
*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	1369	1708
43	FREDERICH ODE	2	3.60	2.70	2.16			
44	PRIOR BURNETT	3	8.50	6.38	5.10			
45	PIONEER DIXIE DITCH CO.	2	35.44	26.58	21.26			
46	MASON CREEK DITCH CO.	1	37.20	27.90	22.32	282	1374	1717
47	T. W. BOONE	3	3.50	2.63	2.10			
47A	ADOLPH BAHLER	1	.80	.60	.48	284	1374	1718
48	W. J. HAMMING	1	2.60	1.95	1.56	299	1375	1724
49	PIONEER CANAL	1	25.72	19.29	15.43	301	1379	1725
50	BARBER LUMBER CO.	1	2.24	1.68	1.34	301	1379	1725
50A	S.G. HARDIES & AMELIA EISLEY	1	1.00	.75	.60			
51	THOMAS ANDREWS	3	1.30	.98	.78	302		
52	CATLIN & MACE	1	7.86	5.90	4.72	306	1380	1727
53	PETER MEEVES	1	1.80	1.35	1.08	307		
54	MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	327	1385	1736
55	J. F. YARYAN	1	.70	.53	.42	328		
56	J. F. YARYAN	1	1.40	1.05	.84	329	1386	1737
57	MARY C. DAVIS	1	4.40	3.30	2.64	331		
58	EDWARD N. HART	1	3.30	2.48	1.98	333	1387	1739
59	T. W. BOONE	3	2.20	1.65	1.32			
59A	KARL F. & OTTO W. RODEL	2	3.20	2.40	1.92			1742
60	FARMER'S CO-OP. DITCH CO.	2	10.00	7.50	6.00			1743
61	EDWARD & MARY CLARK	1	2.30	1.73	1.38	335		
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	1775
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	550	1441	1832
77A	GUS A. BARTH	3	1.60	1.20	.96			
77B	CHARLES JURRIES	3	.34	.26	.20			
77C	JAMES FINLAY	3	.80	.60	.48			
77D	LESTER J. SHIPPY	3	1.30	.98	.78			
77E	ROC HELMS	2	3.674	2.76	2.20			
78	ALLEN V. WEBSTER	1	.90	.68	.54			
79	SUSIE CAMPBELL	1	.60	.45	.36	551		
80	J. T. BARBER	1	1.60	1.20	.96	552		1833
81	SONORA JOPLIN	1	3.40	2.55	2.04	554	1442	1834
82	S. W. HUTCHINSON	1	.44	.33	.26	554		
83	JOHNSON	1	.44	.33	.26	554		
84	ANDREW J. JOPLIN	1	2.86	2.15	1.72	556	1443	1835
85	JAMES L. GRAHAM	1	2.20	1.65	1.32	557		
85A	LEO MARSTERS	1	1.76	1.32	1.06	558		1836
85B	JACOB BINGHAM	1	1.00	.75	.60	558		
85C	WM. HUCKBA	1	.2232	.17	.13	558		
85D	C. H. SCHMELZER	1	.8256	.62	.50	559		
85E	C. W. MCCLURG	1	.385	.29	.23	559		
86	FARMERS CO-OP. DITCH	2	20.00	15.00	12.00			1841
87	FRANCIS M. JOPLIN	1	.90	.68	.54	560	1444	
88	W. A. BLACK	2	12.00	9.00	7.20			1844
89	EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1849
90	PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	592	1452	1863
91	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			1868
92	SETTLERS CANAL CO.	1	99.06	74.30	59.44	652	1466	1893
93	NEW DRY CREEK	1	15.22	11.42	9.13	661	1469	1897
94	THOMAS DAVIS	1	13.40	10.05	8.04	669	1471	1900
95	WM. E., L. & E. YOUNG	2	4.00	3.00	2.40			1901
96	AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68			1913
97	NEW DRY CREEK DITCH	1	7.86	5.90	4.72	674	1472	1915
98	A. V. LINDER	1	4.00	3.00	2.40	677	1473	1916
99	LEVI SMITH	1	1.30	.98	.78	677		
100	CHARLOTTE CALHOUN	1	1.40	1.05	.84	678		1917
101	ED J. LINDER	1	1.46	1.10	.88	679		
102	LIZZIE EVERETT	1	1.20	.90	.72	680	1474	
103	JESSIE WILSON	1	1.40	1.05	.84	681		1918
104	THOMAS ANDREWS	3	.90	.68	.54			
105	FARMERS CO-OP. DITCH	2	50.00	37.50	30.00			1931
106	NAMPA MERIDIAN IRRIG. DIST.	1	361.94	271.46	217.16	898	1528	2021
106	BOARD OF CONTROL	1	8.90	6.67	5.34	903	1529	2023
106A	S.G. HARDIES & AMELIA EISLEY	1	.84	.63	.50	904		
107	CHARLES S. MILLER	1	.06	.05	.04	904		
108	LAMMIS L. HOSLEY	1	.02	.015	.01	904		
109	S. J. UTTER & C. B. TAYLOR	1	2.40	1.80	1.44	905		2024
110	SOUTH BOISE MUTUAL IRRIG. CO.	1	6.00	4.50	3.60	909	1531	2026
111	ESTATE OF J. H. GALLAGHER	1	2.94	2.21	1.76	910		
112	ANNA H. FOGARTY	1	.05	.04	.03	910		
113	GRACE CALL	1	.10	.08	.06	910		

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
114	SAMUEL H. CANFIELD	1	.03	.02	.02	910		
114A	NEIL & PATRICK O'DONNELL	3	1.60	1.20	.96			2027
114B	GUS A. BARTH	3	.80	.60	.48			
115	SONORA JOPLIN	1	.06	.05	.04	910		
116	SONORA JOPLIN	1	1.20	.90	.72	911		
116A	ANNA SPENCER	2	.72	.54	.43			
116B	WILLIS SPENCER	2	.10	.08	.06			
116C	REBECCA BELL	2	.40	.30	.24			
117	PIONEER IRRIG. DIST.	1	200.00	150.00	120.00	1031	1562	2077
118	W. H. CONWAY	1	2.20	1.65	1.32	1032		2078
119	THOMAS DAVIS	1	.54	.41	.32	1033		
120	MIDDLETON MILL DITCH	1	17.00	12.75	10.20	1043	1565	2082
121	THOMAS ANDREWS	3	3.50	2.63	2.10			
122	SETTLERS CANAL CO.	1	73.44	55.08	44.06	1087	1576	2083
123	THOMAS AIKEN	1	.80	.60	.48	1088		2102
123A	OTTO & MARIE MULLER	1	1.60	1.20	.96	1089		
124	RIVERSIDE IRRIG. DIST.	2	80.00	60.00	48.00			2122
124A	W. D. CHARTERS	1	.825	.62	.50	1089		
125	R. H. STOCKTON	3	1.76	1.32	1.06			
126	FARMERS UNION DITCH	1	110.00	82.50	66.00	1155	1589	2150
127	CHARLES REIN & JAMES KEON	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 DECREEED RIGHTS (BRYAN DECREE) & FLOW IN SECOND FEET
AN APPROXIMATE AMOUNT
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 27

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

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

