

**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1971**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1971

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

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

BY

DANIEL L. MUSSELMAN

WATERMASTER, BOISE RIVER

C H A R T S

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

C H A R T S

(continued)

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

ORGANIZATION

The Boise River Organization for 1971 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 January. In addition to the annual meeting, an Advisory Committee meeting is held at 8:00 A.M., preceding the annual meeting of the water users on the second Monday in January, 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 January, was as follows:

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

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

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

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

DECREES

Stewart Decree:

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

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

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

Bryan Decree:

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

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

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

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

TRIBUTARY GAIN

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

Chart 12 shows the daily discharge of the tributary streams.

NET GAIN

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

RIVER FLUCTUATION

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

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

CLASSIFICATION OF RIVER

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

SECTION 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

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.

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CHANGES IN POINT OF DIVERSION

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

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

TRANSFERS

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

STEWART DECREE

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

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

STEWART AND BRYAN DECREES GROUPED ALPHEBETICAL BY CANAL HEADINGS

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

BRYAN DECREE

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

WATERSHED

The following is quoted from the 1947 report:

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

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

FLOOD CONTROL

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

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

CANAL REGULATIONS

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

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

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

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

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total natural flow for the calendar year 1971 was 3,361,958 acre feet and for the irrigation year was 3,423,948 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 20,253 C.F.S. in the 1970-71 water year on May 14, and the lowest flow was 653 cubic feet per second on January 6. The flow at Lucky Peak was reduced to 110 c.f.s. on October 14, which was the end of the irrigation season. The 110 c.f.s. is a fish and sanitation flow. During October and November the fish and sanitation water was either cut out or reduced for inspections, structure repair, and to allow concerned parties to clear some obstructions from the river bed. This was accomplished by short periods of only a few days or on week ends.

STORAGE WATER

As of December 31, there was 348,843 acre feet of water in Anderson Ranch Reservoir, 275,490 in Arrowrock and 88,445 in Lucky Peak. 932 c.f.s. is being released from Anderson Ranch Reservoir, 1,233 c.f.s. from Arrowrock Reservoir and 110 c.f.s. from Lucky Peak Reservoir and 110 c.f.s. passing Diversion Dam. The natural flow on December 31, was 887 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.

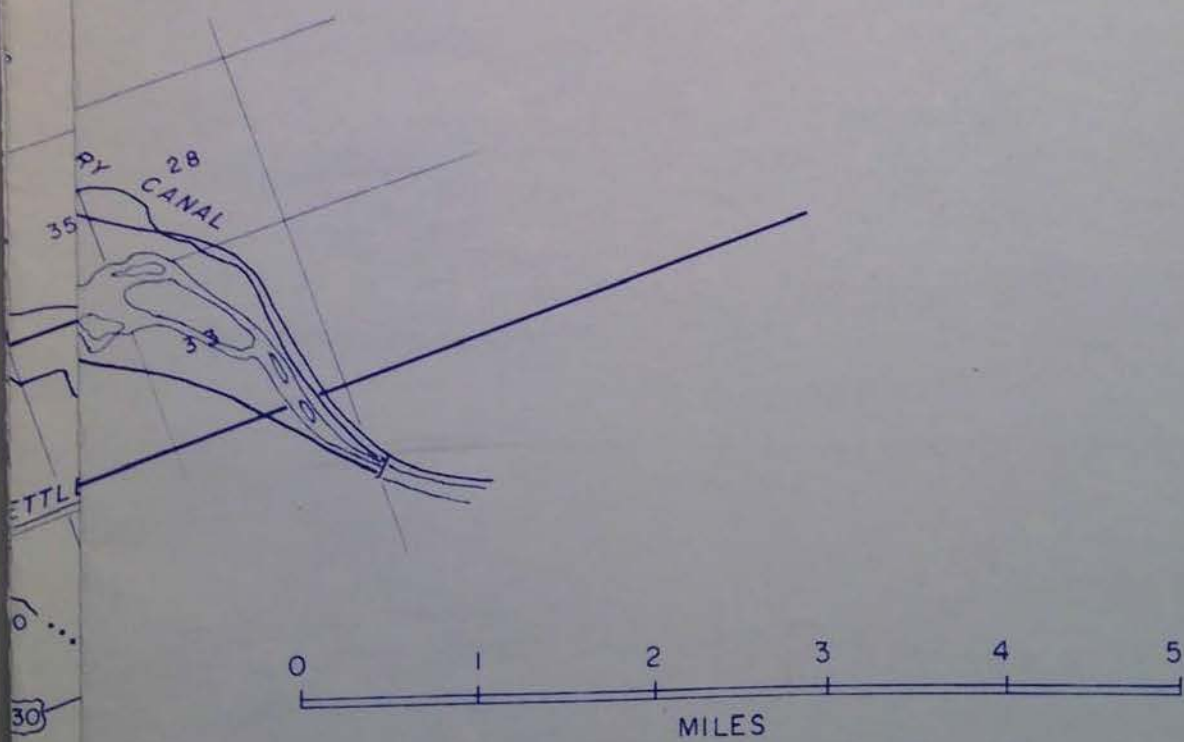
14. That mining operations within the bed of the Boise River and its tributaries should not be permitted.

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.

versions and Tributaries along Boise River



December 1967.

SNAKE RIVER

20
95

T. 6 N.

PARMA

Boise

PARMA CANAL

ISLAND HIGH LINE

HAAS

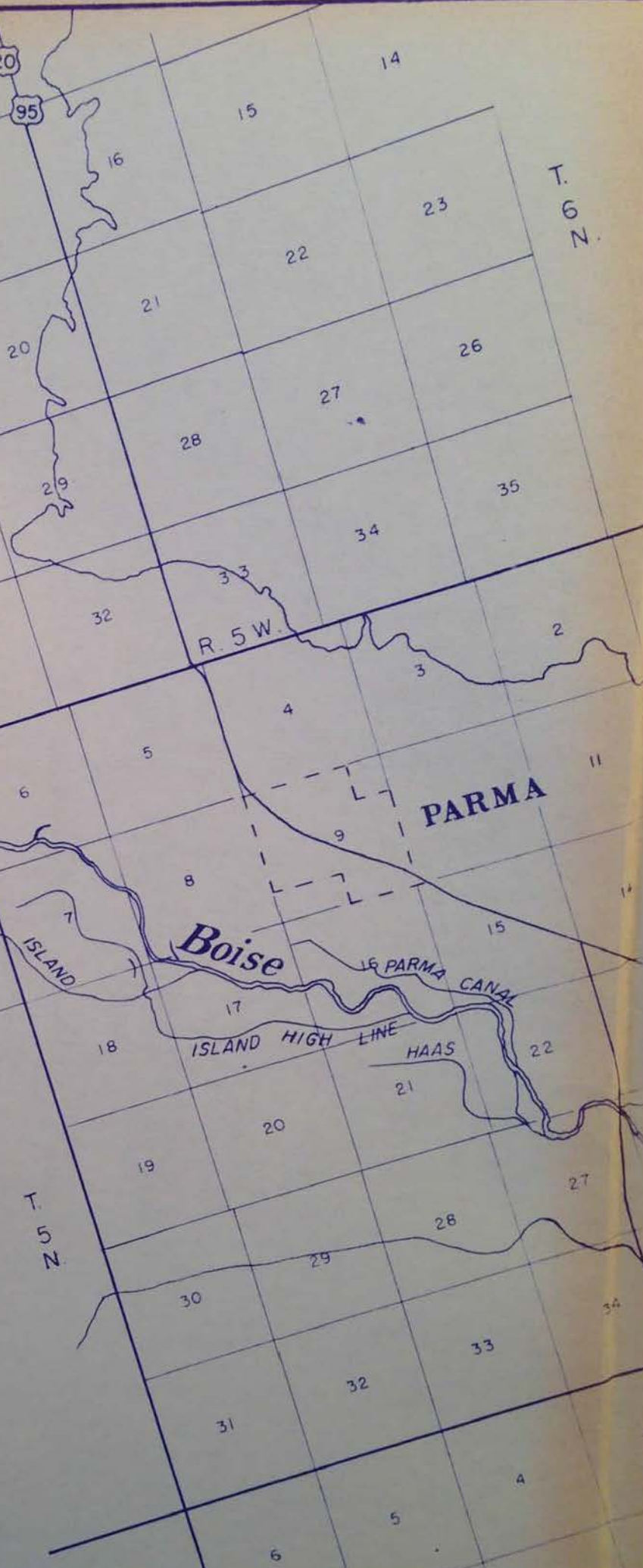
MC CONNEL

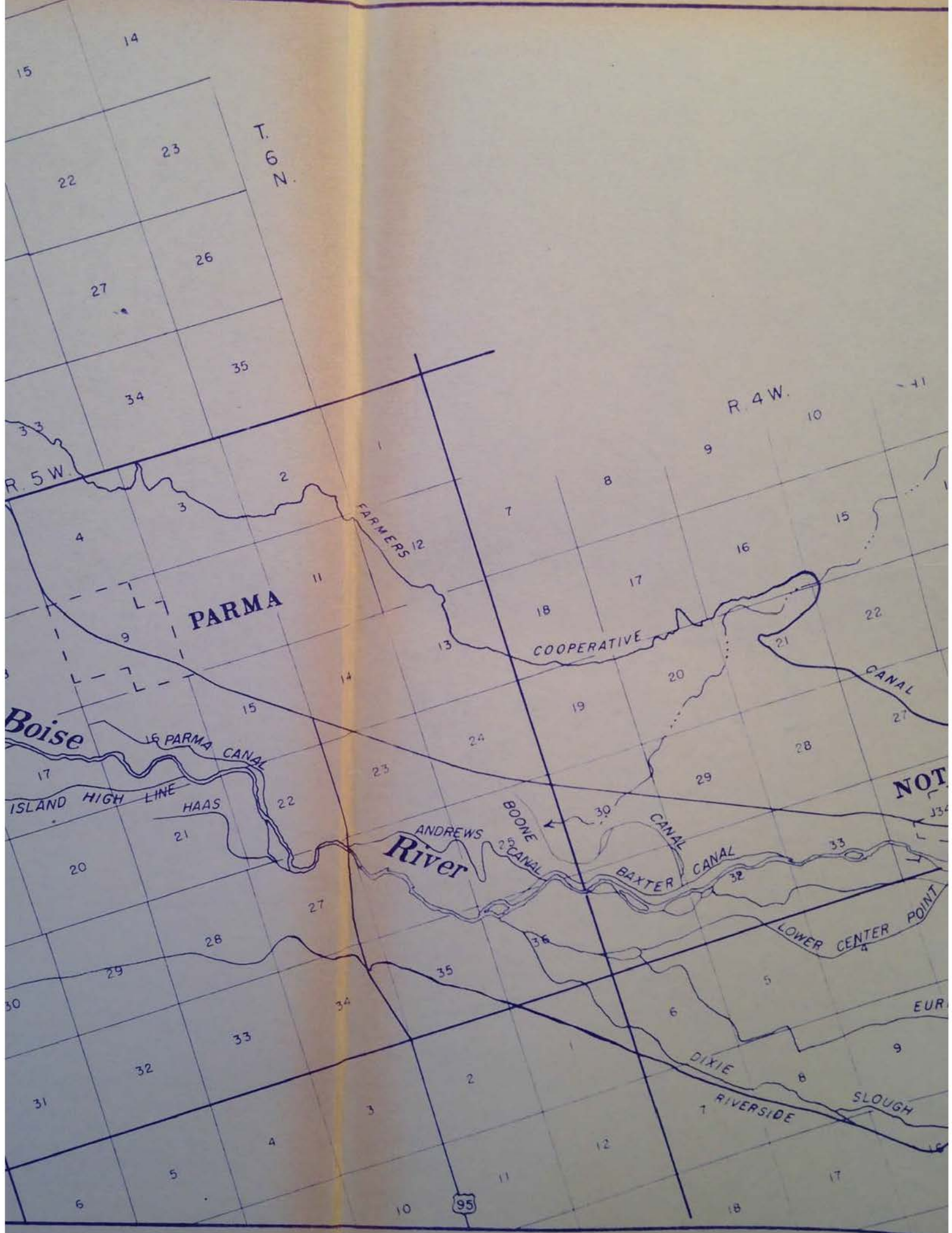
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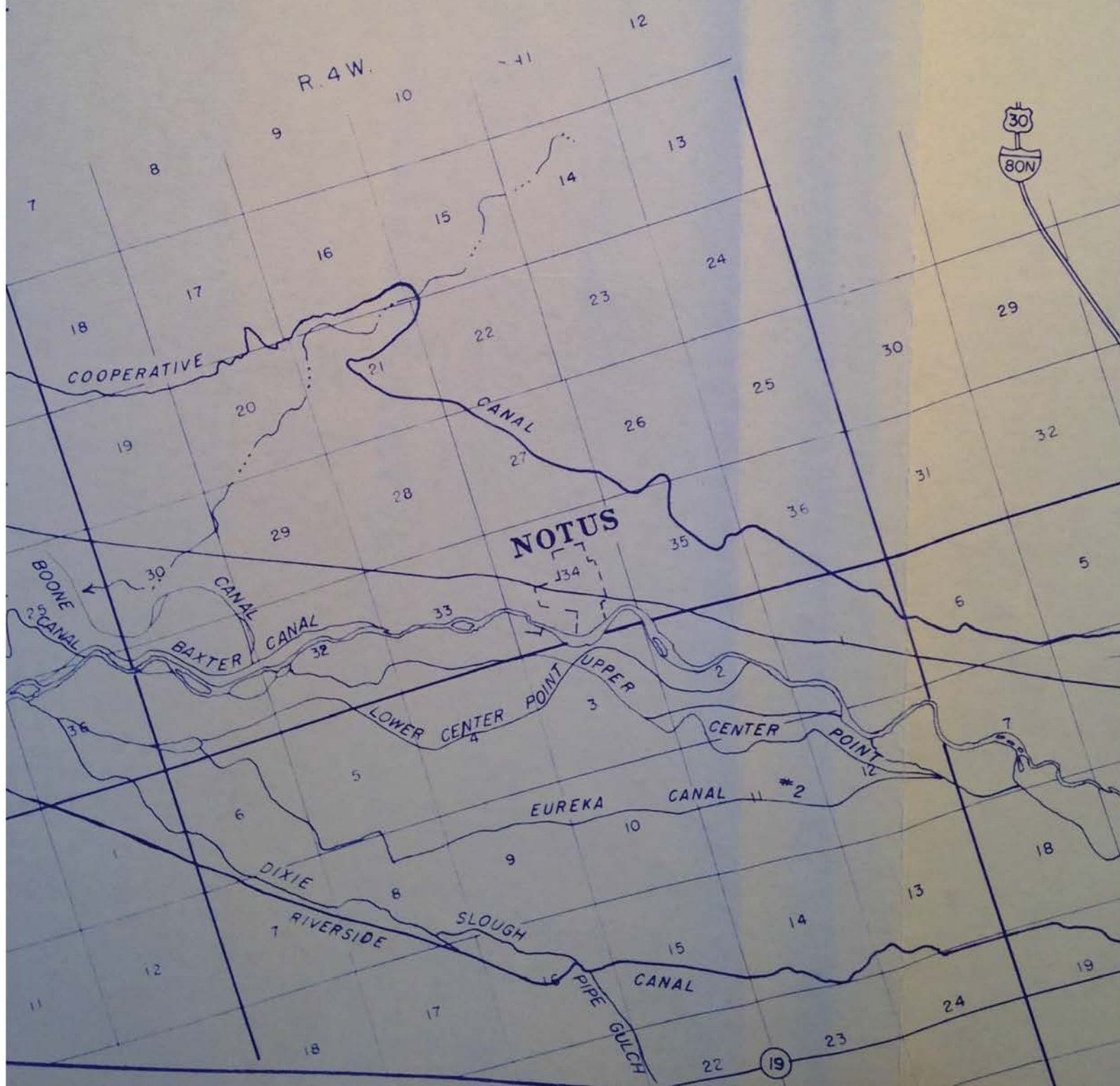
IDAHO
OREGON

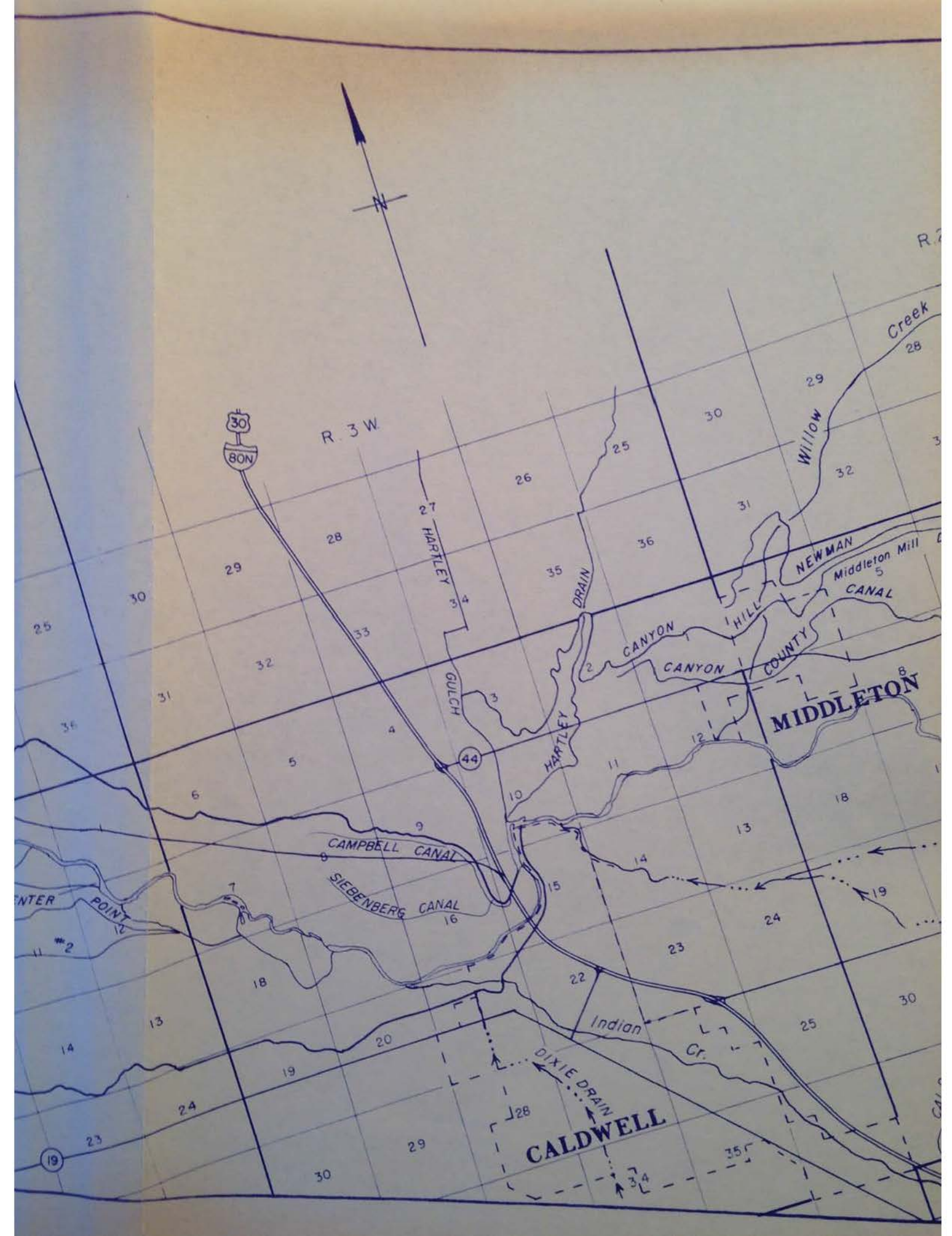
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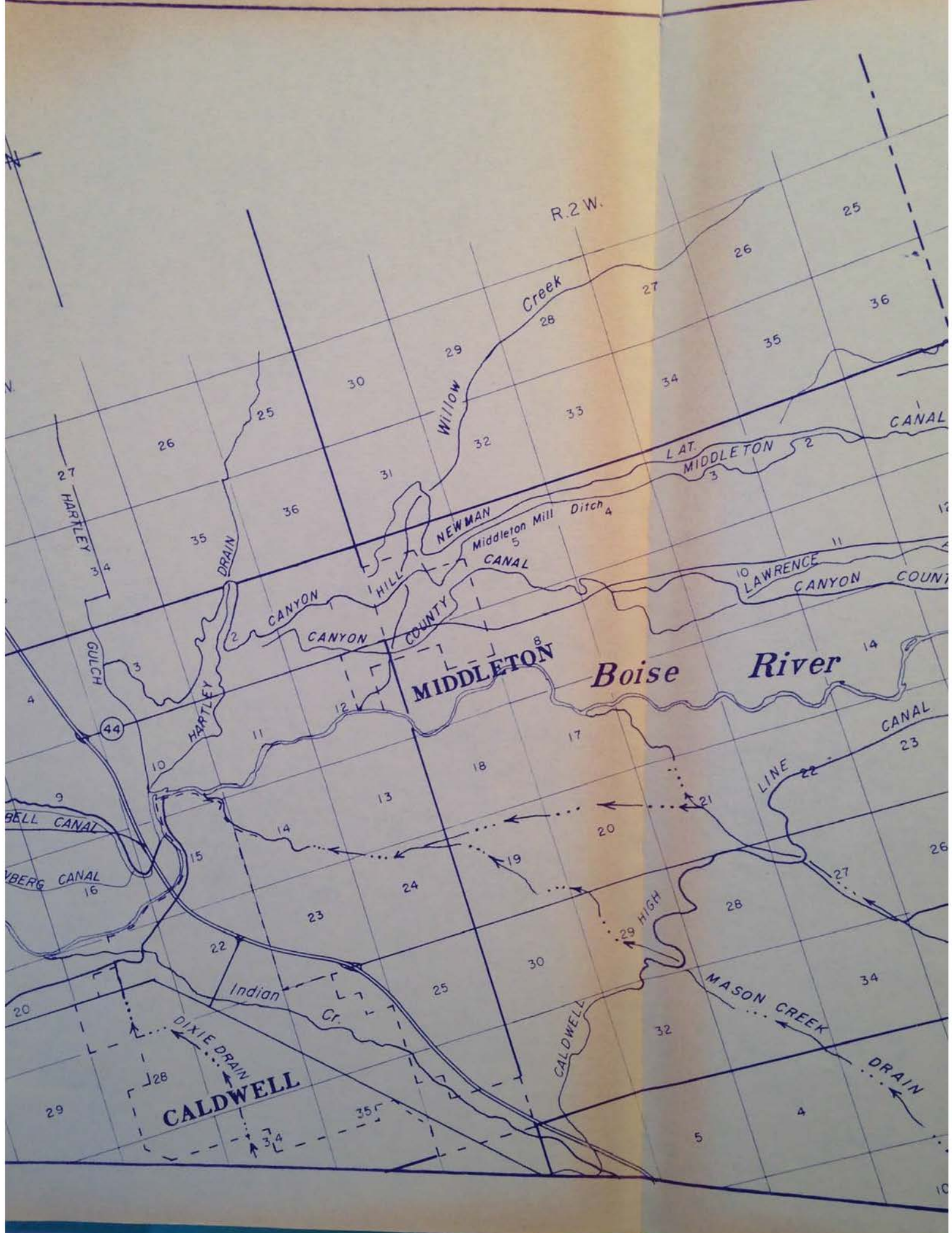
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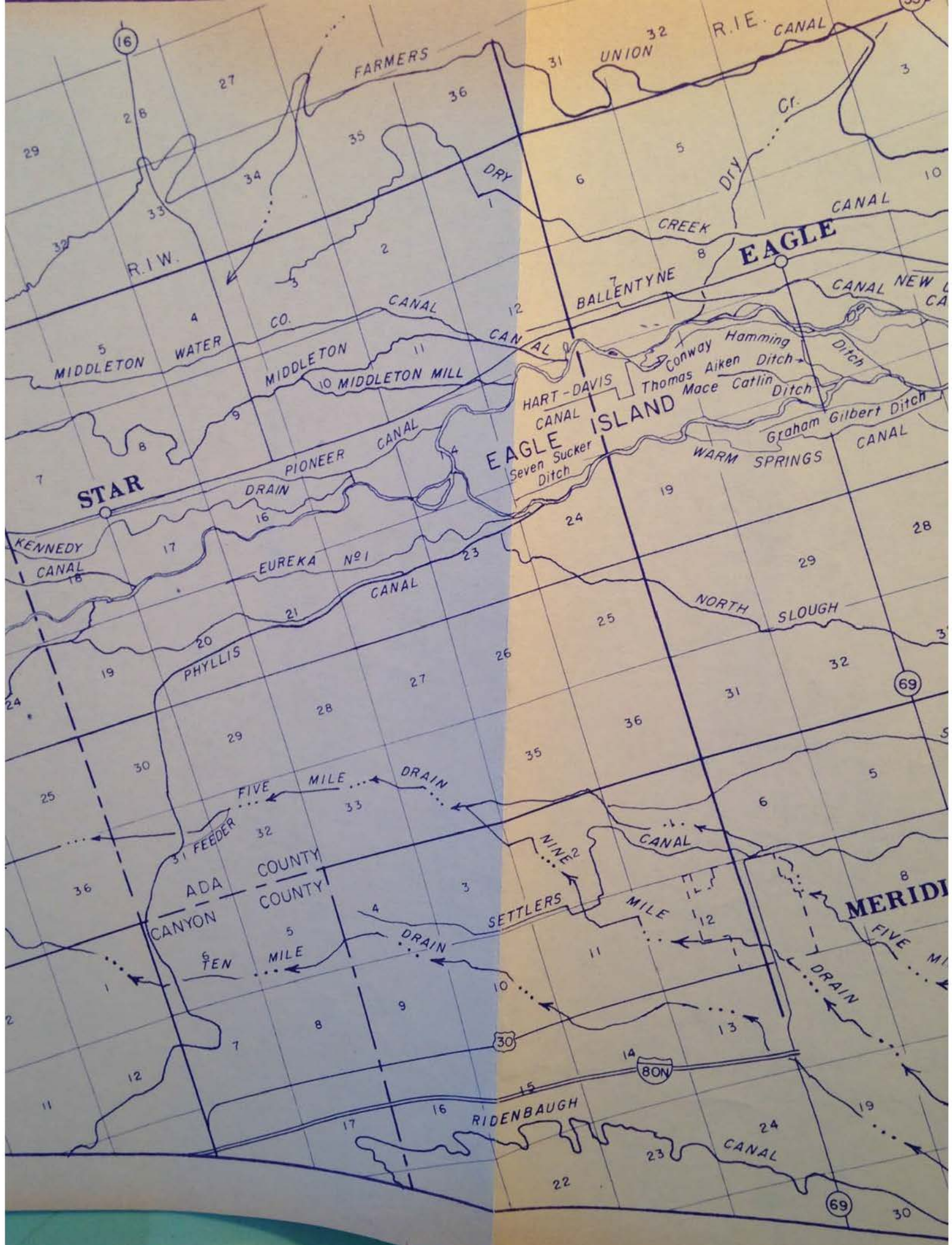


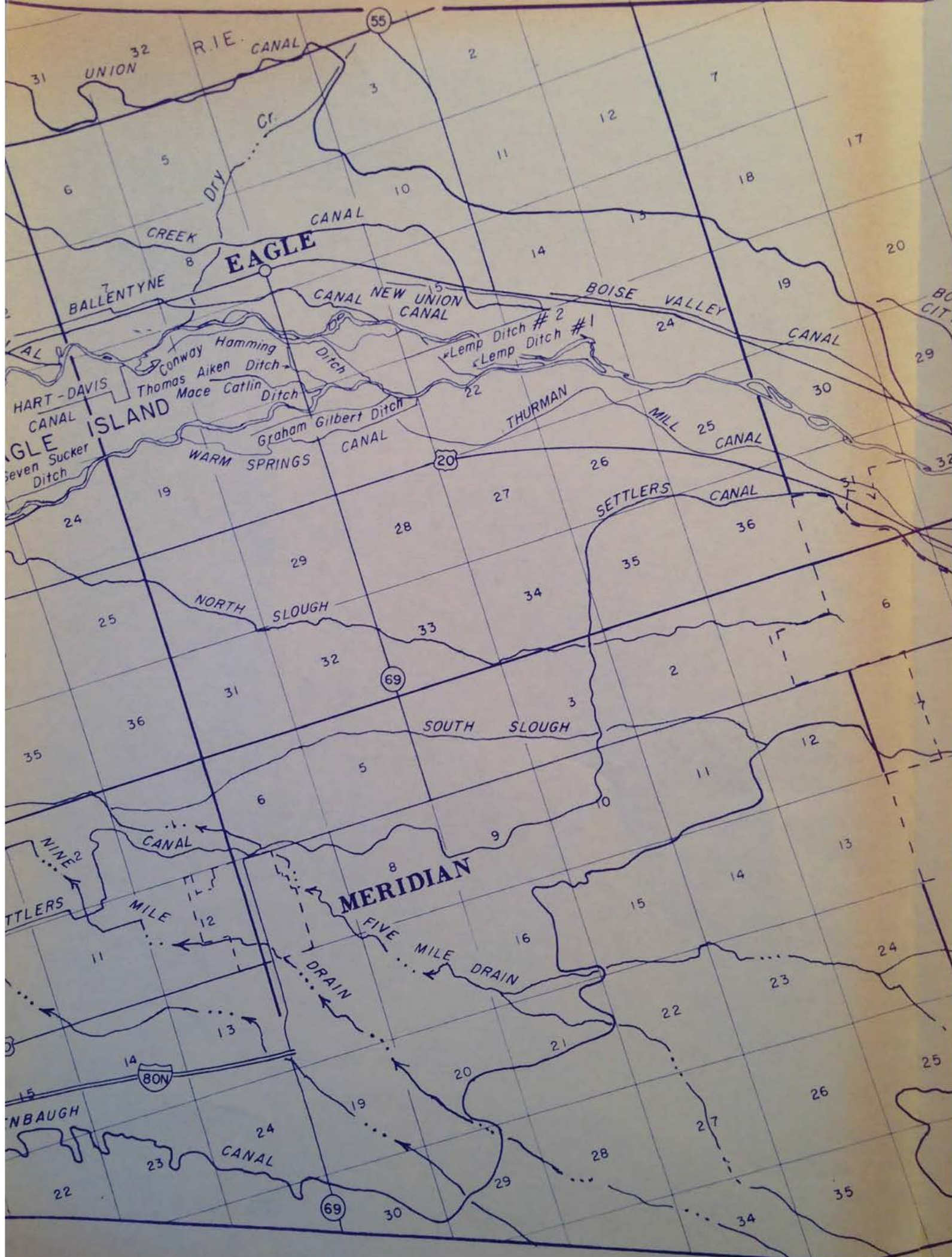


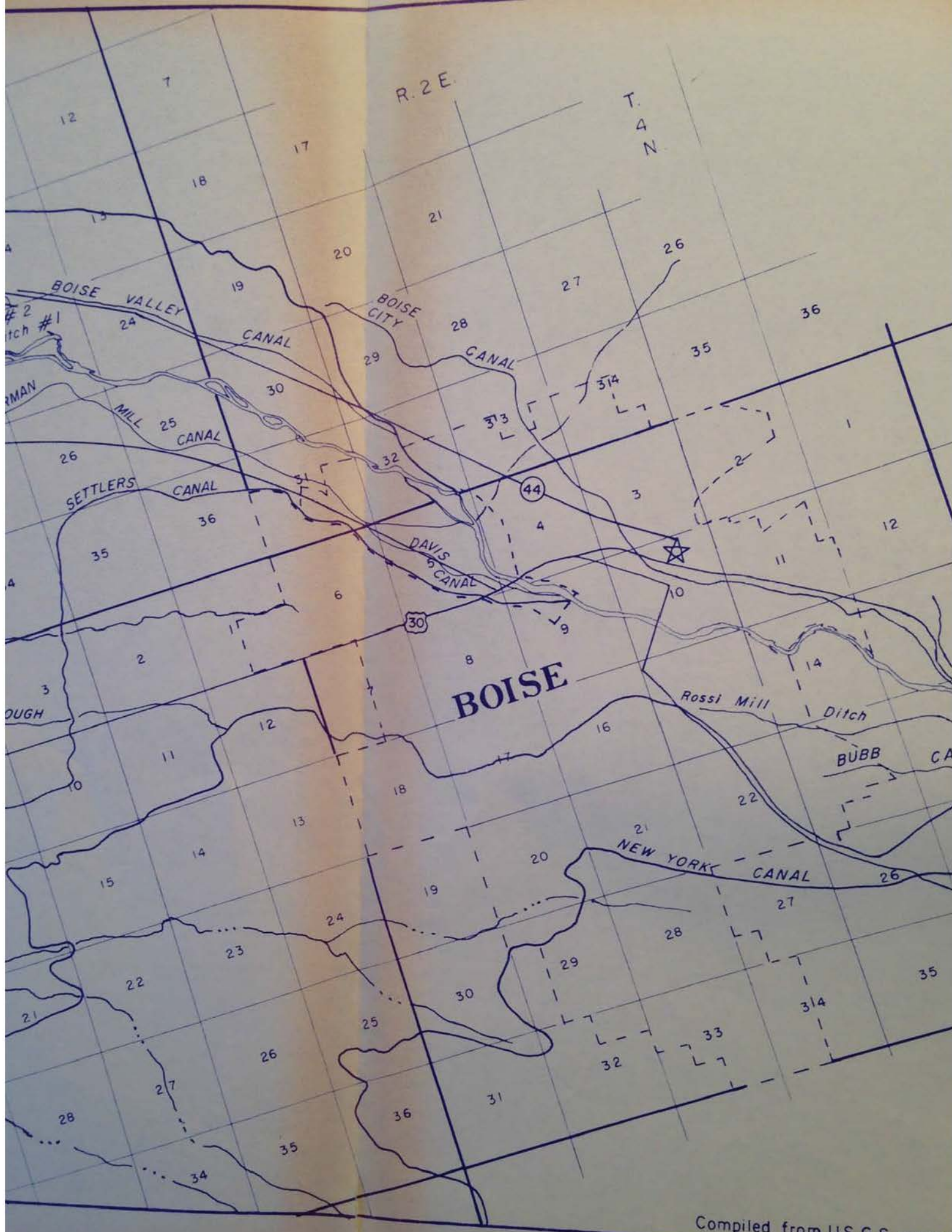




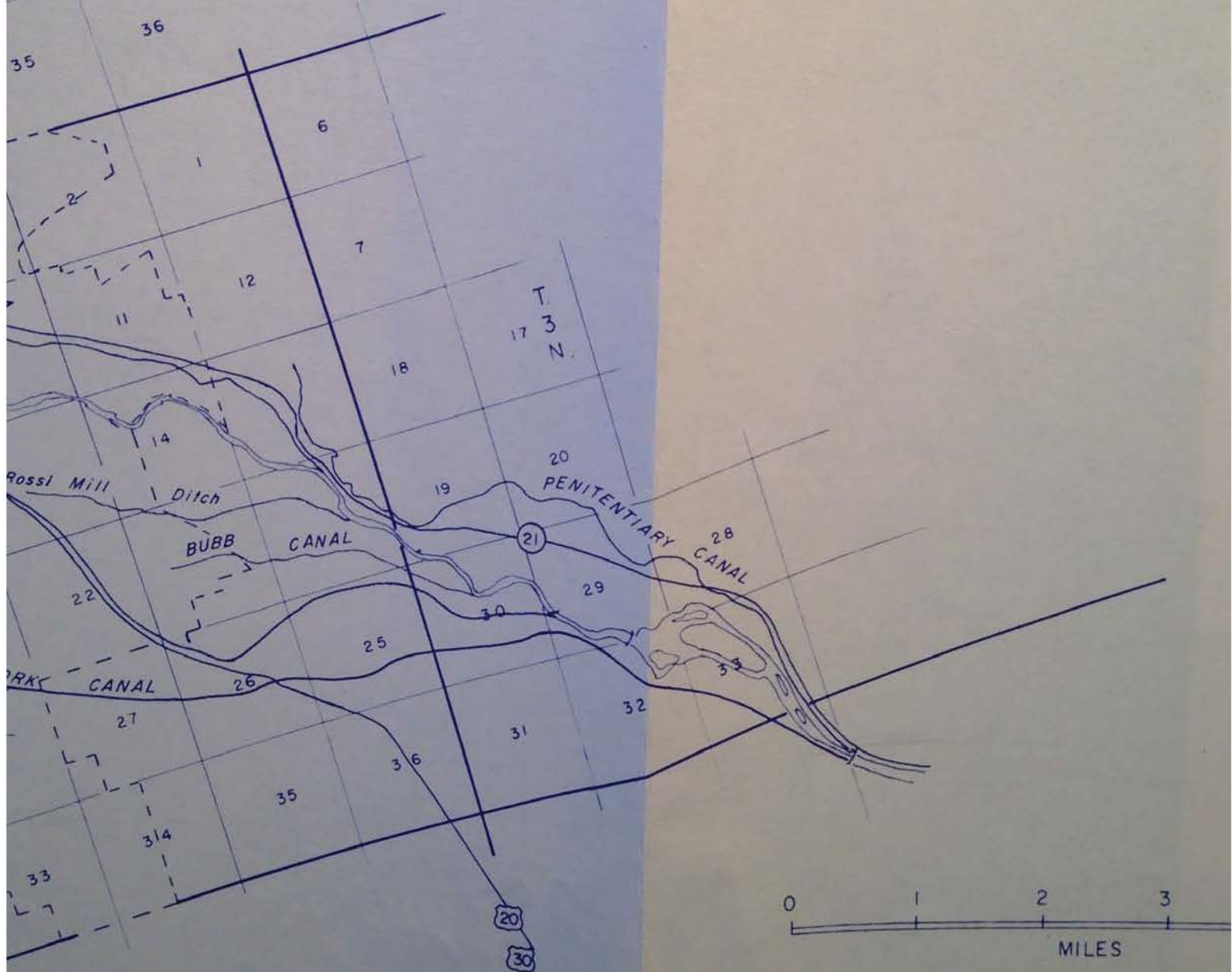




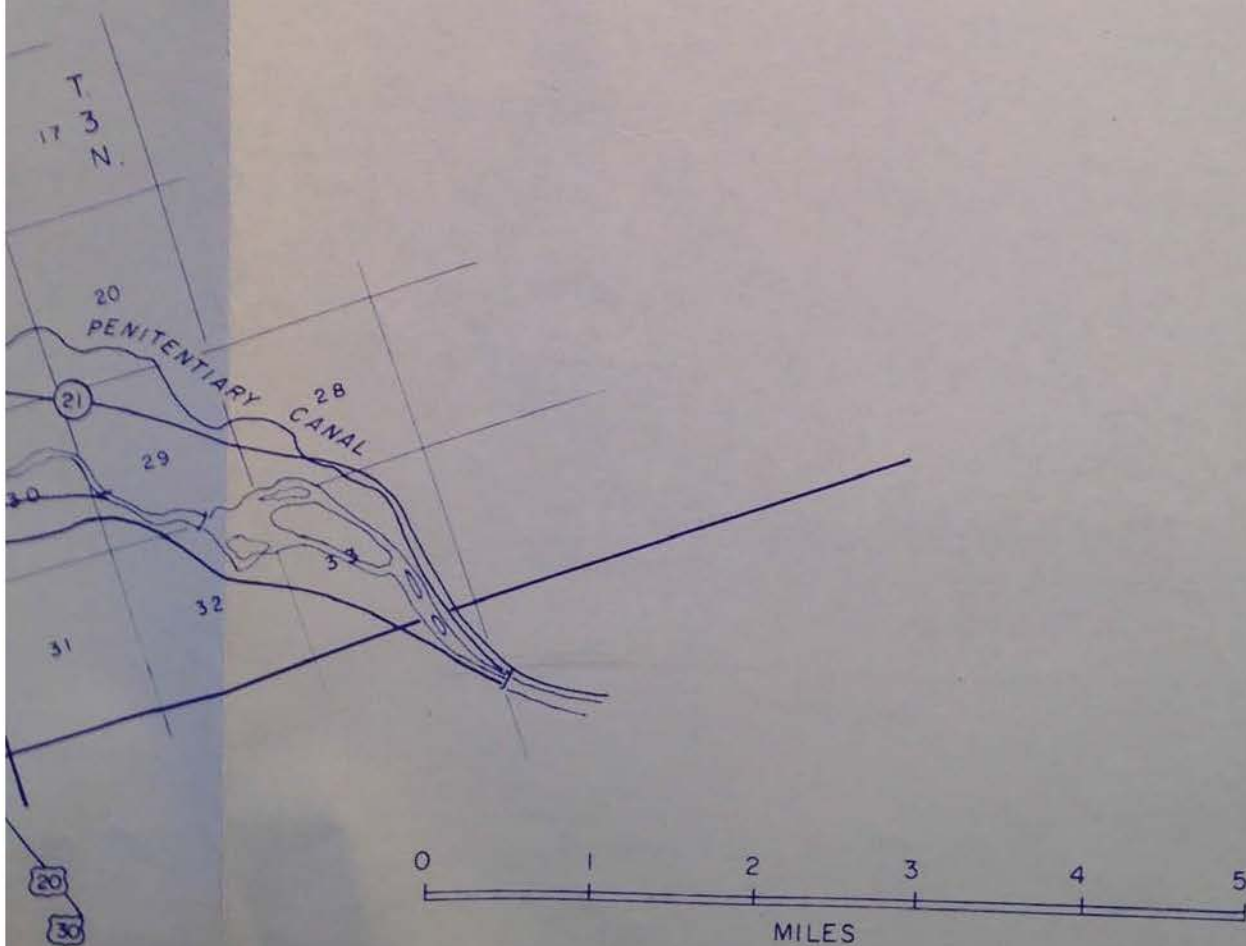




Diversions and Tributaries along



Diversions and Tributaries along Boise River



NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1941	953	664	662	690	704	967	890	959	778	857	761	699	622	926	1026	929	927	878	884	888	890
1942	869	647	1027	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	731	1306	866	756	860
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1550	1636	1300	1110	1315	2010	2175
1944	998	895	979	759	575	685	876	673	670	671	674	676	684	688	962	934	945	1042	827	824	822
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1305	1169	1052	1034	1035	704
1946	2583	2013	2128	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057	983	866	1214	1246	1157	1111	940
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052	788	753	786	733	1073	1245	1132
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842	940	948	964	827	872
1949	866	878	818	730	730	825	800	822	861	868	773	760	777	824	830	850	841	814	785	780	788
1950	642	735	654	772	509	644	848	894	903	955	952	708	558	884	624	760	832	706	767	1079	1300
1951	1130	993	1241	1259	997	1017	1000	748	949	1190	1294	1188	1361	1172	1120	1231	1404	1165	1058	1107	1050
1952	797	526	852	469	1008	989	898	1201	1046	936	1194	1463	1735	903	1285	1545	1618	581	1254	1132	974
1953	806	694	1346	785	691	810	1165	731	1103	1275	1657	1090	1736	2332	1738	1740	1662	2309	4391	3813	2852
1954	278	1799	1016	784	1240	1021	466	974	1062	995	586	662	975	897	824	955	1091	947	1096	1069	787
1955	851	805	705	550	786	1101	299	364	84	955	1198	1206	588	925	750	804	596	567	967	677	93
1956	3113	3390	1830	2272	2298	2506	1782	2126	1688	1674	1593	1851	1841	1843	2197	5154	2314	2822	3641	2838	3115
1957	863	943	1057	1163	325	911	694	290	1034	977	681	1008	707	1042	1493	595	1022	687	907	483	1087
1958	381	758	230	655	926	421	680	603	787	1170	1363	1120	910	853	1153	808	932	1216	750	553	546
1959	1244	1185	672	589	372	1161	1076	1210	1664	871	860	1010	1639	1733	1350	1523	1413	1010	1443	1033	1052
1960	924	626	635	758	616	548	1834	(-96)	1760	1156	666	959	1091	515	1082	428	688	489	758	598	682
1961	977	574	545	754	496	685	687	849	673	931	762	660	701	621	805	891	806	438	611	593	515
1962	685	742	484	817	841	841	1009	1377	1237	1495	853	786	1107	770	931	969	843	916	1002	988	596
1963	756	1107	1063	1052	910	681	401	732	619	921	663	347	276	367	498	881	780	1009	659	640	762
1964	847	803	1015	712	672	828	1147	836	670	579	748	788	775	634	544	866	770	934	991	1356	756
1965	3669	2725	2775	2824	2681	2701	2594	2336	1813	2160	2321	2011	1836	1893	1941	1557	1885	1872	1915	1721	2169
1966	1150	961	1047	889	1091	1367	1899	1720	1519	1259	1098	1108	818	1275	1010	1192	730	627	572	830	650
1967	715	739	1534	805	(-25)	900	871	604	968	673	621	544	809	896	988	998	870	986	767	932	1523
1968	893	830	664	549	664	923	766	582	648	1055	626	831	765	783	909	805	953	763	757	736	663
1969	816	1260	986	855	1114	1151	1545	1469	1561	1288	1139	1493	2041	1658	2298	2055	1759	1508	1293	1808	3639
1970	636	609	629	458	847	685	753	641	719	816	873	1274	1088	1102	1413	1537	1670	2488	2060	2677	2475
1971	1174	1037	825	958	791	653	937	1030	1535	1635	2007	1596	1574	1464	1548	2302	2584	3892	5749	5953	5901

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
699	622	926	1026	929	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
1051	841	946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
1337	1344	1519	1550	1636	1300	1110	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
676	684	688	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752	24,706
899	902	1300	1461	1305	1169	1052	1034	1035	704	830	739	663	816	806	737	774	772	684	876	28,135
920	878	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
1033	1074	1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	914	920	987	908	30,182
1494	1005	866	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
760	777	824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
708	558	884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1238	1257	1186	1271	1019	833	31,601
1188	1361	1172	1120	1231	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	762	34,974
1463	1735	903	1285	1545	1618	581	1254	1132	974	966	1374	1249	1256	975	1502	1015	1079	1120	1379	34,321
1090	1736	2332	1738	1740	1662	2309	4391	3813	2852	2256	1732	1452	1546	1524	1085	1647	1698	1258	1544	50,468
662	975	897	824	955	1091	947	1096	1069	787	699	1242	1207	1259	990	1389	1001	1500	1635	1687	32,133
1206	588	925	750	804	596	567	967	677	93	720	731	1513	1082	728	753	416	686	783	1075	23,358
1851	1841	1843	2197	5154	2314	2822	3641	2838	3115	2743	2933	2913	2149	2064	2359	1564	2367	1434	1192	73,606
1008	707	1042	1493	595	1022	687	907	483	1087	1155	727	788	915	998	648	837	922	721	544	26,224
1120	910	853	1153	808	932	1216	750	553	546	781	895	1215	747	1095	396	1760	552	1399	1186	26,841
1010	1639	1733	1350	1523	1413	1010	1443	1033	1052	741	1286	1382	1687	1578	1356	1980	1390	1594	1129	38,233
959	1091	515	1082	428	688	489	758	598	682	924	1179	965	607	840	1051	800	753	987	1009	25,832
660	701	621	805	891	806	438	611	593	515	476	690	657	701	669	649	582	587	895	747	21,227
786	1107	770	931	969	843	916	1002	988	596	787	450	557	882	1069	887	910	912	732	802	27,277
347	276	367	498	881	780	1009	659	640	762	466	784	551	524	707	960	111	890	750	939	21,806
788	775	634	544	866	770	934	991	1356	756	797	798	842	1009	966	908	916	741	805	1032	26,085
2011	1836	1893	1941	1557	1885	1872	1915	1721	2169	1922	2085	2359	2173	1776	1996	2706	4124	6216	7442	80,198
1108	818	1275	1010	1192	730	627	572	830	650	550	1156	1053	1103	784	746	952	862	684	882	31,584
544	809	896	988	998	870	986	767	932	1523	2071	1748	1233	1114	1073	1309	1316	1312	1821	2081	32,796
831	765	783	909	805	953	763	757	736	663	776	1112	723	167	803	753	613	625	892	891	23,520
1493	2041	1658	2298	2055	1759	1508	1293	1808	3639	6256	5379	3263	3570	1948	2473	2556	2144	2287	1356	63,968
1274	1088	1102	1413	1537	1670	2488	2060	2677	2475	3784	4324	5054	4261	3990	4065	4557	3324	2713	2007	63,529
1596	1574	1464	1548	2302	2584	3892	5749	5953	5901	4915	4297	3687	3128	3406	2863	2777	2633	2445	2716	78,012

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1941	817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041	1151	1069	109
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	739	753	806	147
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944	2154	2462	273
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	979	842	847	62
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396	1329	1302	111
1946	1095	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956	1237	1239	121
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145	1786	1741	183
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227	1411	1102	1321
1949	682	929	852	933	842	855	943	876	787	694	698	792	700	454	754	841	611	739	1165	1074	1793	158
1950	833	747	675	1415	1134	1344	1272	1182	1266	1259	1091	990	1165	917	1112	1042	1205	1203	1206	1299	1223	1222
1951	757	835	945	1261	2238	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334	2198	1987	2009
1952	900	1761	2068	1884	1607	1436	1290	1465	1611	1470	1068	1341	1323	1272	920	1187	1743	1714	1215	1309	1183	1054
1953	1128	1301	1834	2664	2912	2320	2086	2300	1921	1772	1697	1535	1519	1505	1495	1324	1466	1309	1398	1550	958	1120
1954	1567	1410	940	1367	1387	1208	1363	1399	1252	1425	1432	1654	2038	2230	2217	2103	1965	2003	1663	1665	1579	1715
1955	687	545	88	232	942	500	734	661	1374	1388	228	605	610	778	968	960	574	723	695	962	723	412
1956	1617	804	1201	1368	1774	1696	1694	3490	2463	4125	1644	3147	1764	1968	1561	1358	1573	1604	1311	1053	1343	1784
1957	8	805	1053	2156	1014	710	986	750	1026	94	1862	753	760	1173	1346	741	1229	945	1039	1073	1183	1403
1958	1213	807	598	1558	897	1182	1005	1034	1201	1098	1211	1217	1392	1937	2689	3463	4304	2500	2199	2982	3745	2215
1959	1284	1019	993	1129	1414	1258	1114	1242	1150	1043	1242	1174	1086	766	1262	1199	1714	1476	1570	1524	1034	1219
1960	793	887	1088	888	905	826	1402	1802	2714	2270	1409	1453	1146	1237	1005	950	890	1113	700	991	876	958
1961	1239	913	1003	812	1157	471	864	878	1158	778	1236	1711	1449	1363	946	1322	1324	1222	826	920	798	995
1962	758	726	887	886	1034	900	932	1233	948	1226	1746	1874	2337	2535	2174	2248	1836	1814	1640	1552	1450	1396
1963	1684	6541	4042	6708	5525	4627	3771	3176	2849	2478	2312	2005	1830	1691	1816	1662	1636	1489	1593	1683	2339	1854
1964	948	838	1200	895	668	748	821	646	818	1225	804	653	920	1042	850	903	1205	527	1116	963	1052	977
1965	7577	5853	4996	4606	4135	3991	3561	3300	3321	3318	2744	2403	2622	2878	2756	2401	2286	2403	2484	2433	2404	2694
1966	938	834	785	624	544	1038	889	894	832	918	779	700	929	828	679	682	804	955	1211	667	758	842
1967	1920	1593	1297	1383	1396	950	1258	917	1021	1040	1021	1046	1032	1019	1081	1032	954	995	876	1241	342	873
1968	930	491	1007	1035	960	503	839	792	685	672	957	847	448	1299	975	822	701	941	1596	1962	3972	4907
1969	2275	1265	1519	1572	1360	1461	1456	1514	1521	1633	1418	1489	1618	1781	1628	1640	1556	1195	1396	1821	2064	1731
1970	2083	2080	1706	1698	1484	1460	1332	1451	1335	1417	1542	1628	2003	2223	2006	1844	2072	2284	2120	1961	1804	1808
1971	2968	3499	3467	3321	3237	2653	2294	2417	2424	2442	2947	3145	2451	3610	3339	3720	3365	3390	3393	3622	2493	3032

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

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CHART NO. 2

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
123	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
906	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,904
059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
754	841	611	739	1165	1074	1793	(-58)	139	827	1035	(-140)	1795	1045				22,657
1112	1042	1205	1203	1206	1299	1223	1222	1410	1412	1935	2626	2676	2654				37,505
3175	2295	2409	2301	2334	2198	1987	2009	1828	1815	1678	2364	1528	1840				62,939
920	1187	1743	1714	1215	1309	1183	1054	1206	1265	941	1120	949	1511	722			38,535
1495	1324	1466	1309	1398	1550	958	1120	1266	1406	1258	811	1271	1117				44,243
2217	2103	1965	2003	1663	1665	1579	1715	1579	1447	1626	2120	1886	1904				46,144
968	960	574	723	695	962	723	412	861	863	978	697	736	698				20,222
1561	1358	1573	1604	1311	1053	1343	1784	1615	1486	2020	1588	1590	1842	1752			52,235
1346	741	1229	945	1039	1073	1183	1403	1198	2437	3446	4399	6586	6265				46,440
2689	3463	4304	2500	2199	2982	3745	2215	2809	3325	3682	4557	3324	2774				60,918
1262	1199	1714	1476	1570	1524	1034	1219	1388	2178	1301	1461	1385	226				34,851
1005	950	890	1113	700	991	876	958	763	735	886	982	1040	871	865			32,445
946	1322	1324	1222	826	920	798	995	1325	903	945	1048	988	821				29,415
2174	2248	1836	1814	1640	1552	1450	1396	1226	1341	1230	1154	1050	1030				39,163
1816	1662	1636	1489	1593	1683	2339	1854	1567	1700	1569	1611	2037	1767				73,562
850	903	1205	527	1116	963	1052	977	1060	1113	1096	936	857	1007	1042			26,930
2756	2401	2286	2403	2484	2433	2404	2694	2787	2590	2648	2480	2386	3246				91,303
679	682	804	955	1211	667	758	842	844	786	867	1178	749	1031				23,585
081	1032	954	995	876	1241	342	873	574	1018	1103	1021	855	1166				30,024
975	822	701	941	1596	1962	3972	4907	3416	4499	4002	3002	2531	2283	2031			49,045
628	1640	1556	1195	1396	1821	2064	1731	1477	1331	1369	1397	1670	1410				43,567
006	1844	2072	2284	2120	1961	1804	1808	1828	1848	1878	1904	2001	2004				50,864
339	3720	3365	3390	3393	3622	2493	3032	2891	2755	2953	2658	2458	2716				83,660

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942	1842
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1688	1527	1468	1432	1411	1414	1442
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606	2820	2026	2818
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446	1399	1366	1122
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304	1172	1532	2260
1946	1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2803	4144	5164	5371
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387	4397	4613	4661
1948	1087	1173	1121	1097	922	930	1157	899	1004	1343	6	1792	844	1088	1059	1126	1219	1228	1032	1160	913	1061
1949	1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890	2995	3221	3356	3362
1950	2648	2360	2377	2328	2154	2617	2476	2333	2225	2257	1929	1680	1486	1625	1605	1512	2191	3900	4785	3688	3185	3006
1951	1594	1634	1469	1610	2029	1084	1520	1410	995	1322	1138	1463	1318	1359	1491	2022	1928	1587	1619	1817	1817	2533
1952	1277	1325	916	1270	951	864	750	1289	1202	1187	1575	791	1219	743	1238	1622	918	1949	1592	1521	1790	1934
1953	1424	1403	1427	1098	1399	1165	1524	976	1628	1672	1846	1871	2153	1965	1655	1796	1786	1337	1783	1997	1830	1830
1954	1661	1596	1350	1774	1518	1621	1704	1870	3903	5830	5157	3972	3487	2794	2687	2351	2465	2141	2149	2119	2038	2091
1955	1238	855	810	771	689	852	1053	825	1073	1090	911	753	703	859	801	639	1005	622	1032	895	697	766
1956	2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	2094	534	1473	1789	1575	1532	2794	2508	3242	3040	4132	4481
1957	4123	3591	3195	2692	2752	2847	2741	2633	3376	3824	3272	3425	3264	2610	2484	2356	2937	2692	2435	2677	3212	2855
1958	2711	2292	1534	2014	1587	1821	1427	462	1364	2007	1669	1533	1372	1187	1512	1592	1702	1615	1484	966	1708	2745
1959	1347	1226	1556	1529	1516	1240	1499	1195	1614	1165	1314	1190	1181	1213	1124	1261	1144	1179	1514	1398	1351	1438
1960	542	205	1006	804	1774	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	1605	2169	2912	2954
1961	1077	866	1028	766	1007	951	920	802	721	1030	889	760	1072	1030	1201	1853	1979	1822	1679	1707	1843	1771
1962	1049	1197	1208	1224	1313	1182	1182	1263	1223	1064	1227	919	1145	1117	1013	1035	840	1013	1065	1488	1448	1494
1963	1852	1424	1539	1426	1257	1316	1275	1289	1294	1300	1230	1406	1289	1145	1097	1202	1178	1097	975	1174	1040	1268
1964	1148	1300	1086	826	1021	1092	1000	921	880	942	914	991	952	976	930	898	898	1053	1260	1057	1249	1406
1965	3363	2531	2886	3330	1915	2782	2927	2909	3201	3372	3686	3471	3449	3504	3260	3404	3249	3515	3263	3161	3016	2638
1966	555	813	847	590	725	849	933	1013	1145	1359	1364	1367	1525	2089	2286	1956	1964	1501	1398	1306	1606	1264
1967	1299	1011	1084	1049	1057	1168	934	961	1182	1046	1284	890	1234	966	1046	1143	864	1245	1477	1530	1035	1890
1968	2792	2245	2276	2332	2344	2513	2468	2299	1915	2064	1796	1706	1724	1624	1721	1572	1751	1617	1471	1440	1393	1427
1969	1374	1522	1779	1495	1472	1668	1809	1314	1739	1442	1300	1354	1404	1549	1825	1505	1678	1997	1933	2171	2118	
1970	2210	2691	2439	2294	2009	1906	1858	2071	2538	2599	2349	2348	2168	2155	2372	2781	2896	2599	2411	2258	2199	2271
1971	2484	2082	2103	2397	2444	1473	2801	2055	2065	2089	2405	2602	3113	3489	3290	3062	2817	2738	2474	2389	2693	2912

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BEGINNING 1941

MARCH

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1372	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093		56,724
1652	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250		43,902
2525	3825	3899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936		117,569
1174	1248	1012	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369		34,047
1426	1746	1707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501		49,580
4148	4131	3566	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740		109,302
2114	2004	2490	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491		90,638
844	1088	1059	1126	1219	1228	1032	1160	913	1061	1117	1133	1514	1383	1382	1209	1543	2076	2080		36,698
1977	2164	2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233		73,417
1486	1625	1605	1512	2191	3900	4785	3688	3185	3006	2879	2728	2773	2855	2715	2572	2294	1968	2237		77,388
1318	1359	1491	2022	1928	1587	1619	1817	1817	2533	2601	2395	2538	3130	2173	4188	3971	3203	3578		62,536
1219	743	1238	1622	918	1949	1592	1521	1790	1934	1937	1186	670	2625	2871	3377	3221	3833	3867		51,510
2153	1965	1655	1796	1786	1337	1783	1997	1830	1830	1680	1877	2659	2967	2939	2966	3408	3928	5376		63,365
3487	2794	2687	2351	2465	2141	2149	2119	2038	2091	1880	1993	2050	1942	2093	2397	2149	2100	2036		74,918
703	859	801	639	1005	622	1032	895	697	766	1108	680	593	1318	999	678	715	1696	1244		27,970
1473	1789	1575	1532	2794	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7304	6699	6295	6332		114,129
3264	2610	2484	2356	2937	2692	2435	2677	3212	2855	2313	5227	3828	2810	2730	2830	2819	3563	4933		97,046
1372	1187	1512	1592	1702	1615	1484	966	1708	2745	3029	2485	3276	3070	2627	2901	3040	2648	2967		62,347
1181	1213	1124	1261	1144	1179	1514	1398	1351	1438	1455	1532	2174	1729	1953	1914	1953	2119	2248		46,271
1393	1295	1246	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910		86,415
1072	1030	1201	1853	1979	1822	1679	1707	1843	1771	1679	2573	2414	2072	2459	1909	1971	1713	2051		45,615
1145	1117	1013	1035	840	1013	1065	1488	1448	1494	1697	1184	1420	1506	1866	1960	2057	2053	2084		41,536
1289	1145	1097	1202	1178	1097	975	1174	1040	1268	1551	1550	1465	1341	1408	2060	3680	2616	2208		45,952
952	976	930	898	898	1053	1260	1057	1249	1406	1255	1053	1190	1462	1286	1259	1359	1600	2345		35,609
3449	3504	3260	3404	3249	3515	3263	3161	3016	2638	2899	2694	2360	2705	2885	2521	2452	2597	2820		92,765
1525	2089	2286	1956	1964	1501	1398	1306	1606	1264	1195	1153	1196	1393	1945	2708	3152	3641	4142		48,980
1234	966	1046	1143	864	1245	1477	1530	1035	1890	1650	1919	2011	1734	1842	1742	1882	2077	1538		41,790
1724	1624	1721	1572	1751	1617	1471	1440	1393	1427	1439	1786	1871	2159	2044	1644	1850	1935	2378		59,646
1404	1549	1825	1505	1678	1997	1933	2171	2118	2150	2522	3004	2684	2974	3391	4205	4209	5775	6602		71,964
2168	2155	2372	2781	2896	2599	2411	2258	2199	2271	2312	2269	2611	2713	2642	2546	2636	2839	2460		74,510
3113	3489	3290	3062	2817	2738	2474	2389	2693	2912	3301	3964	4499	5083	6644	6828	6589	6178	6684		105,747

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7775
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17930
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185	2348
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445	4460	6135	7701
1946	6008	4982	4552	4717	4841	5216	6160	6164	6222	5847	5218	5919	7596	10219	12352	13581	14780	17389	18812	18660	15103	13559
1947	4810	4145	4006	3747	3576	3468	3434	2289	3477	2684	2917	2808	3062	3230	4471	5632	6149	6379	6439	6284	6172	6318
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6896	6096	9614
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413	10308	8503	7089
1950	2888	3787	4629	4125	4107	3895	4251	4659	5124	4670	5841	5821	6521	7418	7543	7141	8012	8713	9289	8968	9687	11164
1951	3609	3674	4934	5892	7194	8634	9861	10722	10963	10360	10651	9941	9843	11541	11209	13094	10778	11159	11616	11612	10306	9734
1952	3257	3410	3399	3712	4754	6669	8193	9277	7784	6989	6942	7143	8548	9935	11088	9967	10520	12544	14976	14725	12961	12931
1953	4733	3869	3833	3881	4380	4107	4957	3346	3502	3669	2608	2514	2635	2480	1856	2836	2255	3181	3909	3531	6349	7202
1954	1854	1675	1808	2259	3119	4933	5009	4438	4362	4339	3999	4072	4879	6936	7452	7233	7449	9296	10020	9628	8427	7933
1955	1222	1007	1639	1090	1161	1218	1436	2087	2675	3028	3344	2583	1928	2156	1764	1674	1764	2184	2109	2192	1887	2528
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497	14959	15071	16939
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132	6122	6532	6317
1958	2915	3061	3506	3911	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371	6712	7606	8555	9242	8944	8577	9218
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5227	4912	4487	3814	3799	3649	3545	3737
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182	4772	4571	4417
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2297	2346	2087	3175	4469	4050	3214	3265
1962	2688	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4455	5557	6996	8598	8570	8559	9027	10169	11343	9548
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3939	4432	3516	3092	2913	3106	2831	2487
1964	3694	4487	3919	3680	4020	4352	3938	3744	3812	4341	5212	5891	4233	3896	4063	4865	5505	4471	4524	4556	4945	5258
1965	3160	4099	6098	5322	5339	5508	6152	6046	6034	6833	6161	5868	5878	6459	7256	8547	10007	9260	8789	12273	16365	20258
1966	5060	5170	5575	4908	4200	3951	4352	4745	4953	5404	5750	4817	4292	3703	3933	3753	4559	4971	4464	3739	3487	3107
1967	1866	1502	1505	1523	1774	2302	2053	2040	2234	2257	2718	2728	2741	2944	3155	2986	2738	2389	2321	3000	2460	2426
1968	2511	2859	3177	2985	2942	3113	2833	2578	2321	2242	2397	3013	2950	2904	2723	2773	2597	2521	2261	2381	2223	2203
1969	8134	8871	9402	10143	10081	11500	13417	11777	9706	9890	10362	11117	10887	11770	11006	10361	10181	10526	12042	11193	10447	10772
1970	2516	2247	2370	2248	2249	2650	3545	4343	3952	4006	5127	4799	4166	3991	3672	3231	2937	2884	3038	3283	3045	2800
1971	7027	6466	6414	6492	6755	7533	8465	9539	9507	9374	8938	7977	7229	7614	8612	9736	10380	9911	9406	10088	11573	12622

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

CHART NO. 2

APRIL

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		
9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		94,150
21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		170,811
2721	2302	2377	2310	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		503,266
2296	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	3729	3768	4622		82,000
																	101,184
12352	13581	14780	17389	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
4471	5632	6149	6379	6439	6284	6172	6318	6123	6001	5481	5356	5760	6190	6992	7300		144,700
2518	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
5790	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
7543	7141	8012	8713	9289	8968	9687	11164	11174	10063	7848	7196	6937	7247	6579	6012		201,309
11209	13094	10778	11159	11616	11612	10306	9734	8254	8001	8088	7476	7865	8281	11575	11017		278,484
11088	9967	10520	12544	14976	14725	12961	12931	13206	13984	17015	18667	22302	23429	21634	18984		338,945
1856	2836	2255	3181	3909	3531	6349	7202	9882	9941	10535	9020	9669	11656	12779	9568		164,683
7452	7233	7449	9296	10020	9628	8427	7933	8059	8101	8442	8974	8939	9397	9390	8438		190,860
1764	1674	1764	2184	2109	2192	1887	2528	3387	3314	2892	2590	2950	2668	2198	2241		64,916
11061	12390	13489	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13854	13131	11892		318,251
6943	6944	6696	6323	6132	6122	6532	6317	6556	6892	6880	6243	5500	5385	5949	7427		180,628
6371	6712	7606	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565		161,889
5227	4912	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025		138,367
6422	5500	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3885		179,494
2297	2346	2087	3175	4469	4050	3214	3265	3260	2072	2354	2358	2186	2368	2765	2835		86,092
6996	8598	8570	8559	9027	10169	11343	9548	8780	8620	9355	8675	8000	8306	8152	6612		203,928
3959	4432	3516	3092	2913	3106	2831	2487	2413	2531	2412	2571	2858	3276	3528	4028		90,149
4063	4865	5505	4471	4524	4556	4945	5258	5310	4826	3814	3665	3757	3326	3702	5277		131,083
7256	8547	10007	9260	8789	12273	16365	20258	20854	18531	17595	17086	16351	16794	16395	16772		312,090
3933	3753	4559	4971	4464	3739	3487	3107	2968	2830	2930	3267	3397	3332	3001	3533		124,151
3155	2986	2738	2389	2321	3000	2460	2426	2157	2105	2099	2106	2198	2209	2604	2075		69,215
2723	2773	2597	2521	2261	2381	2223	2203	2018	2000	2170	2313	2169	2227	2288	2672		76,364
11006	10361	10181	10526	12042	11193	10447	10772	13232	15935	15071	12032	10124	9214	8729	9170		327,092
3672	3231	2937	2884	3038	3283	3045	2800	2837	2752	2863	2746	2808	2580	2584	2565		94,834
8612	9736	10380	9911	9406	10088	11573	12622	12336	11545	10590	9870	9505	9295	9328	10054		274,181

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1941	4890	3168	3018	3531	5646	5678	4968	4609	4612	4308	4367	5129	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875
1942	3999	4010	3767	3543	3434	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	3906	3693	4044	4664
1943	13118	14472	15888	13085	15650	14752	12884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	6906	7316	8041	8851
1944	4472	4413	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	5688	5036	4361	4248
1945	5984	6978	8661	10392	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	6601	5903	5382	5035
1946	11798	10383	10259	10837	12416	13481	13844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	10750	10746	10134	9995
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	7143	6705	7403	7922
1948	4839	4338	3788	4393	4204	4307	5959	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750	12004	11158	9708
1949	8007	7859	7339	6690	6507	6211	6444	7197	8178	9179	9784	10290	11540	11885	12413	12829	11584	12100	11233	10978	10319	9262
1950	3896	6368	5497	6494	5130	5004	4336	4438	5086	4557	5445	5562	6917	9553	11897	13368	13673	12924	12338	9612	9297	10852
1951	9166	8343	7297	7238	7299	8201	9727	12301	11980	12328	12460	13137	12371	10539	9707	8739	9206	10377	11258	11492	11650	11353
1952	14339	15047	16512	18001	18955	15799	16476	15533	15390	15082	14555	13359	16047	16522	16170	14230	12349	11652	12802	12544	13861	13677
1953	7933	6443	5512	5136	4792	6975	7543	8156	7593	6041	6151	5339	5134	5266	5443	5816	6208	7529	7119	9554	9160	7865
1954	7649	6393	5818	6257	6124	8165	8936	9704	10854	11776	13307	12854	11973	11088	10493	10814	11452	12331	12276	13444	14660	13697
1955	3601	4103	4040	3296	4134	5011	6697	7088	8417	8309	7326	7939	7918	7917	6984	5892	4734	4318	4549	5889	7548	9905
1956	10218	10200	9871	10211	10496	10826	11384	10702	11094	11328	10238	9987	8960	8698	7939	8258	9716	11258	14370	15780	16976	18860
1957	9409	10872	11712	11176	10375	9666	11185	12224	12850	12759	13083	12803	13328	13687	13506	13044	13377	13270	16619	16752	16930	12150
1958	4928	6924	8263	9839	11248	13513	14715	13949	13445	14578	15390	17413	17483	14213	12587	12839	12626	15234	17097	18108	21254	21745
1959	3870	7803	6827	6043	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040	7963	7080	6054	5228	4541	4930
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6909	8763	10699	11842	11130	8927	7912	7473	6667	6028	5170	5073	4941
1961	3603	3983	4617	4084	4042	3808	3334	2429	3246	2857	4098	3591	3619	3057	3477	4048	3907	4219	3877	4241	5448	5761
1962	5923	3434	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872	5189	5656	6199	6284	6047
1963	5384	3703	3653	3674	3329	5798	6273	6450	6695	6577	6139	5546	5105	5078	4751	4947	5387	5940	6881	8164	8736	9586
1964	7016	7799	6326	5226	4862	4139	4017	4340	4358	4562	5850	6130	6761	7602	8271	8506	9883	9949	9920	10053	10938	10763
1965	20303	19703	17118	14545	13382	11788	10434	8291	9438	8986	8298	9611	11222	12687	14355	15060	15555	16142	15059	14140	14144	14677
1966	2933	2974	3397	4543	5655	6340	7666	8082	7676	8225	7761	7303	5982	5063	5044	4127	4032	3783	3695	3808	4193	4794
1967	1974	1734	1823	2055	2322	2523	3457	4587	6759	7886	8157	6279	5159	4313	4099	5150	7036	9056	10116	11138	11392	11900
1968	3707	3910	4448	4102	4785	4681	3950	3401	3149	3253	3505	3978	4484	4568	4186	3518	2842	3045	3392	3991	6212	6092
1969	8412	8161	7513	7224	7211	8197	9647	11346	12959	14478	15175	15306	15251	14736	15503	15133	14151	12841	13059	12634	11537	10399
1970	8640	8864	3309	4953	6718	8831	10103	11354	7914	8348	8112	6708	6292	4875	5453	4900	6311	9647	13481	13590	13932	12633
1971	10938	12680	13962	18576	18600	18022	17645	17624	17953	17779	17985	18414	18989	20253	19203	17182	16564	14143	12074	10706	9830	9058

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

MAY

CHART NO. 2

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
4	4144	4097	4044	4151	4093	3815	3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,788
5	8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
6	5509	6077	7059	7632	7270	6542	5688	5036	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
7	8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6432	6932	7120	236,573
8	9306	9563	9170	9087	9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
9	8473	7965	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
10	5081	5491	6409	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
11	11540	11885	12413	12829	11584	12100	11233	10978	10319	9262	8496	8361	7507	8278	8103	9373	9361	9521	9007	285,835
12	6917	9553	11897	13368	13673	12924	12338	9612	9297	10852	12137	13534	13021	11443	11008	11542	11799	11588	11627	281,543
13	12371	10539	9707	8739	9206	10377	11258	11492	11650	11353	12580	12793	13796	12825	12646	13881	14065	12879	10811	342,447
14	16047	16522	16170	14230	12349	11652	12802	12544	13861	13677	12966	11778	13056	14013	15735	13838	14449	13520	12560	450,817
15	3134	3266	5443	5816	6208	7529	7119	9554	9160	7865	7064	6757	5481	5115	4725	4821	8039	6181	6898	201,791
16	11973	11088	10493	10814	11452	12331	12276	13444	14660	13697	11100	9763	8933	8649	7664	6614	5783	5228	4974	298,775
17	7918	7917	6984	5892	4734	4318	4549	5889	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712	198,635
18	8960	8698	7933	8258	9716	11258	14370	15780	16976	18860	19581	20134	22949	20931	19423	19484	17472	16500	16839	420,677
19	13328	13687	13506	13044	13377	13270	16619	16752	16930	12150	11422	10232	9263	8974	9657	10360	11241	12253	12791	376,970
20	17483	14213	12587	12839	12626	15234	17097	18188	21254	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326	473,187
21	4796	5934	7852	9040	7963	7080	6054	5228	4541	4930	4240	4322	4512	4193	4039	4271	4133	3980	3901	165,797
22	11842	11130	8927	7912	7473	6667	6028	5170	5073	4941	4367	4461	3891	3735	3766	3948	4148	4736	5599	187,181
23	3619	3057	3477	4048	3907	4219	3877	4241	5448	5761	5954	6612	7773	7721	7830	7495	6624	6442	7610	149,409
24	7119	6456	5976	6170	5872	5189	5656	6199	6284	6047	5717	6431	7609	7251	7021	6491	6557	6308	6731	203,229
25	5105	5078	4751	4947	5387	5940	6881	8164	8736	9586	10149	11480	11183	10794	10233	9380	9276	9198	9029	226,458
26	6761	7602	8271	8506	9883	9949	9920	10053	10938	10763	9732	8614	7798	7008	7457	7523	7869	7611	7757	228,640
27	11222	12687	14355	15060	15555	16142	15059	14140	14144	14677	15194	15156	14067	12773	11853	12018	12361	13826	15728	418,116
28	5982	5063	5044	4127	4032	3783	3695	3808	4193	4794	5282	4618	4260	4233	4797	5317	5925	6032	6015	163,577
29	5159	4313	4099	5150	7036	9056	10116	11138	11392	11900	13697	15178	15598	14202	11443	10418	11078	11004	10037	241,572
30	4484	4568	4186	3518	2842	3045	3392	3991	6212	6092	5605	4966	4677	4540	3949	3628	3703	4058	5318	129,643
31	15251	14736	15503	15133	14151	12841	13059	12634	11537	10399	10076	10967	11394	12672	13146	12396	10897	9837	9901	362,161
32	6298	4875	5453	4900	6311	9647	13481	13590	13932	12633	11660	14472	13140	13797	14685	14847	12533	10667	9541	288,505
33	18989	20253	19203	17182	16564	14143	12074	10706	9830	9058	8672	8910	9231	10126	12161	14400	15838	16027	15741	461,307

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	4067	3541
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	4791	4453
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871	12584	11249	10070
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506	3582	3888	3933
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806	6460	7091	7389
1946	7950	7533	7763	9113	10131	9775	8965	8249	7785	7457	7621	6965	6209	6199	6482	6365	5913	5539	5244	5054	5103	5241
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4350	4903	4539	4785	4962	5031	5334	5103	4814	4215
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495	4918	5009	5523
1949	8699	7652	6364	5665	5905	5817	6324	6597	7045	7415	7043	7446	6959	6315	5459	4899	4940	4153	3798	3618	3623	3421
1950	11474	11539	11330	10773	10648	10989	11703	11065	9479	8074	7526	8071	8765	7834	8115	8634	9085	9759	8926	9710	9794	10318
1951	9487	8447	7815	6970	6177	7805	6913	6277	5708	5396	5479	6034	7203	7536	8584	9851	10463	10017	9533	8705	8506	7929
1952	12410	11937	11735	13213	13471	13830	13581	13854	11979	12614	10938	10492	7689	7938	7471	7157	6311	6438	5554	6755	6336	5379
1953	9429	7336	8969	8880	9395	9933	9685	11613	6482	8841	9177	10758	13803	14790	13028	11255	11285	12359	12650	11478	10079	9422
1954	5209	4707	4385	4038	4415	4753	4700	4500	4322	4429	4617	4547	4386	4684	5270	6412	6806	6022	5342	5289	5580	6370
1955	6665	6794	6046	6080	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760	5810	6345	6853
1956	18159	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561	7223	7256	7356
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7862	6677	6235	5575	5046	5094	5582	5913	5501
1958	12658	11471	10461	10328	9988	9513	10055	10402	10499	10045	9345	8848	9282	8774	8230	7494	8033	8428	8462	8155	7722	7191
1959	3900	4148	5030	5848	6420	7308	8523	8266	7246	6374	6120	5707	6829	8182	8097	7934	6442	6576	6556	6426	6383	6331
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575	4208	3939	3374
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4923	5095	3585	4531	3622	3459	3333	3142	2892	2500	2296
1962	6631	6960	7599	8823	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671	7908	8388	7736
1963	9315	8852	8018	7732	7905	7631	6881	6681	6484	7143	6852	6110	6453	7112	7817	8486	8495	8559	7644	7509	7389	7767
1964	6911	7508	8650	8393	8594	8456	9027	9249	8072	7337	6629	6329	5640	5471	5789	6545	8214	7688	7064	6263	5613	5641
1965	16246	14692	14116	15031	15908	15845	16184	15912	16274	16537	16415	16777	16910	15016	12332	10399	9527	8926	8747	8667	9854	10825
1966	5469	4699	4352	3907	3554	3315	3194	3320	3144	3452	3337	3384	2879	2756	2790	3020	3044	3263	2217	3257	2621	2356
1967	8946	10050	9084	8166	7859	9244	9134	8763	9211	9332	8758	9028	8307	7998	7893	8286	8955	9786	9938	10077	10865	11815
1968	5100	4910	5643	7048	6327	5870	6614	5669	6051	5767	5440	5346	5280	4985	4435	4095	3986	4249	4532	4845	4930	4259
1969	10112	9092	8696	8950	9641	10373	10259	9591	8927	8699	8725	8109	7055	6745	6116	5838	5487	4878	4772	4808	4738	4423
1970	8806	8826	10123	11832	13419	13226	12755	12989	13370	13097	10574	8591	7795	7415	7225	6986	6592	6511	6717	7629	8162	9474
1971	14218	12808	11211	9900	9184	8962	8976	9707	11593	13300	13351	13007	12901	13363	13599	12558	12176	12155	11893	11074	11105	12423

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

JUNE

CHART NO. 2

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
100	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
596	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
209	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3467	3541	3406		189,411
350	4903	4539	4785	4962	5051	5334	5103	4814	4215	3548	3663	3798	3631	3738	3324	2971	2842		148,620
047	8398	7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
959	6315	5459	4899	4940	4153	3798	3618	3623	3421	3111	3262	3094	3073	2911	2608	2619	2377		152,212
765	7834	8115	8634	9085	9759	8926	9710	9794	10318	10052	8978	7742	6845	5212	6581	6984	8136		274,141
203	7536	8584	9851	10463	10017	9533	8705	8506	7929	7085	6458	6370	5833	6313	5807	5948	5641		220,290
689	7938	7471	7157	6311	6438	5554	6755	6336	5379	5548	5239	5379	5419	5276	5236	4724	5238		239,141
803	14790	13028	11255	11285	12359	12650	11478	10079	9422	9291	9365	9096	8038	6925	6975	6895	7246		294,478
386	4684	5270	6412	6806	6022	5342	5289	5580	6370	6892	7729	7691	7429	9902	7880	6139	5388		169,833
799	9361	7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4104		209,680
650	10277	9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603		291,294
409	7862	6677	6235	5575	5046	5094	5582	5913	5501	5085	5021	5504	4690	5069	5091	5358	5073		259,006
282	8774	8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083		250,783
829	8182	8097	7934	6442	6576	6556	6426	6383	6351	6145	5574	4988	5223	4157	3920	3117	3288		181,078
043	5954	5896	6316	5860	5021	4575	4208	3939	3374	3303	3094	3080	2997	3013	2624	2403	2652		166,675
095	3585	4531	3622	3459	3333	3142	2892	2500	2296	1987	1932	1762	1738	1707	1359	1273	1116		114,693
969	8377	7798	7656	8035	7180	7671	7908	8388	7736	7496	6954	6273	6728	6529	5658	5148	4655		212,699
453	7112	7817	8486	8495	8559	7644	7509	7389	7767	6572	5182	5102	4624	4128	4222	4718	4569		205,952
640	5471	5789	6545	8214	7688	7064	6263	5613	5641	4962	5106	5478	6052	6564	6288	5414	4981		203,928
910	15016	12332	10399	9527	8926	8747	8667	9854	10825	11692	12609	12340	11663	12206	10268	9026	8500		389,444
879	2756	2790	3020	3044	3263	2217	3257	2621	2356	2282	2305	2040	1778	1922	1774	1448	1945		89,024
307	7998	7893	8286	8955	9786	9938	10077	10865	11815	10859	7954	7429	7070	7048	7771	6969	6458		263,053
280	4985	4435	4095	3986	4249	4532	4845	4930	4259	3836	3591	3245	3090	2746	2428	2670	2316		139,303
055	6745	6116	5838	5487	4878	4772	4808	4738	4423	4257	4487	4931	4323	3767	3780	3292	3237		198,108
795	7415	7225	6986	6592	6511	6717	7629	8162	9474	9971	10012	9529	8723	8315	8810	8764	9516		285,754
901	13363	13599	12558	12176	12155	11893	11074	11105	12423	13466	13930	12600	11922	13434	11743	9688	8060		354,307

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

JUNE

CHART NO. 2

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
120	5417	5474	5217	4718	4390	4812	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
100	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
596	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
209	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3467	3541	3406		189,411
350	4903	4539	4785	4962	5051	5334	5103	4814	4215	3548	3663	3798	3631	3738	3324	2971	2842		148,620
047	8398	7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,833
359	6315	5459	4899	4940	4153	3798	3618	3623	3421	3111	3262	3094	3073	2911	2608	2619	2377		152,212
765	7834	8115	8634	9085	9759	8926	9710	9794	10318	10052	8978	7742	6845	5212	6581	6984	8136		274,141
203	7536	8584	9851	10463	10017	9533	8705	8506	7929	7085	6458	6370	5833	6313	5807	5948	5641		220,290
689	7938	7471	7157	6311	6438	5554	6755	6336	5379	5548	5239	5379	5419	5276	5236	4724	5238		259,141
803	14790	13028	11255	11285	12359	12650	11478	10079	9422	9291	9365	9096	8038	6925	6975	6895	7246		294,478
386	4684	5270	6412	6806	6022	5342	5289	5580	6370	6892	7729	7691	7429	9902	7880	6139	5388		169,833
799	9361	7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4104		209,680
650	10277	9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603		291,294
409	7862	6677	6235	5575	5046	5094	5582	5913	5501	5085	5021	5504	4690	5069	5091	5358	5073		259,006
282	8774	8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083		250,783
829	8182	8097	7934	6442	6576	6556	6426	6383	6351	6145	5574	4988	5223	4157	3920	3117	3288		181,078
043	5954	5896	6316	5860	5021	4575	4208	3939	3374	3303	3094	3080	2997	3013	2624	2403	2652		166,675
095	3585	4531	3622	3459	3333	3142	2892	2500	2296	1987	1932	1762	1738	1707	1359	1273	1116		114,693
969	8377	7798	7656	8035	7180	7671	7908	8388	7736	7496	6954	6273	6728	6529	5658	5148	4655		212,699
453	7112	7817	8486	8495	8559	7644	7509	7389	7767	6572	5182	5102	4624	4128	4222	4718	4569		205,932
640	5471	5789	6545	8214	7688	7064	6263	5613	5641	4962	5106	5478	6052	6564	6288	5414	4981		203,928
910	15016	12332	10399	9527	8926	8747	8667	9854	10825	11692	12609	12340	11663	12206	10268	9026	8500		389,444
879	2756	2790	3020	3044	3263	2217	3257	2621	2356	2282	2305	2040	1778	1922	1774	1448	1945		89,024
307	7998	7893	8286	8955	9786	9938	10077	10865	11815	10859	7954	7429	7070	7048	7771	6969	6458		263,053
880	4985	4435	4095	3986	4249	4532	4845	4930	4259	3836	3591	3245	3090	2746	2428	2670	2316		159,303
355	6745	6116	5838	5487	4878	4772	4808	4738	4423	4257	4487	4931	4323	3767	3780	3292	3237		198,108
795	7415	7225	6986	6592	6511	6717	7629	8162	9474	9971	10012	9529	8723	8315	8810	8764	9516		285,754
901	13363	13599	12558	12176	12155	11893	11074	11105	12423	13466	13930	12600	11922	13434	11743	9688	8060		354,307

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1941	2322	2243	2092	1988	2114	1578	1751	1612	1641	1462	1425	1359	1289	1414	1279	1385	1197	1289	1147	1133	1088
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108	2075	1941	1913	1883	1732	1679	1609	1571
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5338	5040	5053	4694	4405	4363	4274	4063
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1809	1680	1737	1605	1432	1576	1544	1403	1508	1233	1387
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555	2355	2179	2136	2081	1791	1789	1709	1623
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2373	2385	2246	1949	1825	1810	1555	1820	1720	1568	1480	1659
1947	2782	2548	2736	2656	2687	2532	2413	2406	2537	2125	2244	2144	1825	1807	1814	1681	1557	1504	1404	1350	1360
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1736	1500	1614	1522	1362	1355	1287	1384
1949	2294	2260	2150	2128	2121	2094	2269	2067	1736	1699	1705	1662	2302	1357	1481	1440	1295	1244	1104	1083	1457
1950	8217	8402	7729	7344	6707	6356	6114	5721	5235	4323	5143	3939	3924	3506	3215	3369	3035	2818	2518	2452	2039
1951	5444	5458	5281	5084	5275	4488	4558	3960	3758	3835	3622	3408	3003	2998	2845	2940	2681	2766	2448	2407	2338
1952	4669	4151	3932	4208	4487	3143	3848	3333	3218	3076	3152	3534	3300	3177	2507	2564	2219	2354	2504	2070	2245
1953	7247	7169	6741	6586	6778	6412	6905	5985	6033	5369	5284	5022	4683	4618	4497	3800	3229	3205	2872	2749	2313
1954	5109	4877	4529	4360	4410	4445	4208	4228	3523	3367	3170	3119	2958	2756	2748	2948	2581	2549	2358	2044	1968
1955	3473	3184	2743	2676	3036	2560	2832	1883	2303	2361	2751	2133	2506	2465	2116	2312	2027	2196	1963	1824	1660
1956	5291	4759	4458	4281	3976	3916	3949	3804	4021	3266	3583	3423	3858	2854	3341	3069	2438	2619	2616	2203	2504
1957	4843	4563	4422	3840	3605	3299	3239	2994	2949	2714	2453	2702	2577	2035	2157	2286	1967	1814	1697	1672	1751
1958	4113	3444	3513	3324	3253	3197	2988	2733	2786	2580	2621	2242	2188	2170	2145	1957	2225	1777	2134	1720	1808
1959	3072	2569	2524	2726	2485	2262	2345	2267	2176	1814	1888	1902	1746	1671	1528	1795	1538	1323	1340	1423	1235
1960	2124	2136	2040	1947	2087	2086	1714	1753	1572	1647	1421	1451	1151	1476	1242	1473	1079	1247	1136	881	925
1961	1011	985	1669	1329	1260	1002	1311	1066	1021	998	969	1002	1020	995	836	799	900	608	773	776	761
1962	4588	4326	3991	3533	3329	2993	3096	2914	2549	2827	2431	2345	2388	2241	2261	2074	1950	1682	1772	1638	1631
1963	3998	3563	3599	3904	3691	3719	3327	3187	3107	3029	2802	2678	2461	1975	2595	2369	2138	1952	1565	2216	1769
1964	4714	4550	4525	4187	3895	3671	3589	3167	3082	3028	2813	2609	2443	2385	2277	2153	1898	2106	1857	1805	1549
1965	8567	8759	8336	7977	8208	8593	7919	8033	7635	7867	7118	6426	5829	5229	4902	4894	4779	4570	4694	4397	3995
1966	1886	1177	1436	1410	1416	1123	1226	1007	786	1108	954	998	862	830	693	651	723	718	165	441	1046
1967	6365	5985	5564	5221	5065	4523	4248	3494	3490	3228	3156	2900	2696	2511	2369	2167	2259	2542	2208	2163	1787
1968	2081	1686	1727	1601	1587	1725	1527	1446	1560	1511	1451	1454	1379	1238	1136	1126	1183	1103	1034	984	999
1969	2880	2804	2607	2747	2705	2739	2862	2818	2615	2496	2422	2256	2519	2231	2174	2064	1912	1829	1757	1761	1581
1970	7292	5629	5432	5384	5233	5293	4873	4392	4056	3828	4584	4173	3339	3265	3018	2664	2800	2501	2534	2096	2128
1971	7281	7332	7399	7436	7164	6518	6245	6152	5755	5754	5905	5427	5030	4878	4753	4678	4518	4564	4287	4264	4082

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
1414	1279	1385	1197	1289	1147	1133	1088	1083	963	926	1012	892	902	1157	1139	933	911	42,726
2075	1941	1913	1883	1732	1679	1609	1571	1554	1484	1454	1446	1187	1385	1049	1274	1118	1026	69,556
5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
1605	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
3265	3018	2664	2800	2501	2534	2096	2128	2180	2213	1894	1960	1949	1611	1681	1604	1651	1519	102,776
4878	4753	4678	4518	4564	4287	4264	4082	3635	3617	3627	3224	2824	2736	2628	2447	2338	2220	148,718

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1941	991	891	848	894	776	760	706	873	706	600	740	1357	1754	1117	913	854	877	861	1240	962	832	871
1942	1036	1059	1043	1031	827	1049	826	849	949	769	890	705	837	672	906	639	617	718	677	567	574	734
1943	2472	2509	2404	2325	2303	2145	2016	1848	1868	2033	1608	1490	1672	1704	1570	1432	1519	1397	1520	1192	1269	1234
1944	1032	1089	1124	1007	865	917	731	675	1018	820	650	665	674	707	647	621	644	703	619	499	579	547
1945	1113	1029	1248	985	1109	992	1039	1307	979	988	1084	926	890	840	788	853	767	801	635	735	765	746
1946	1325	1289	1241	1032	1020	1124	1138	993	947	870	867	870	895	684	933	734	989	590	772	811	768	705
1947	865	900	972	902	913	857	796	799	631	735	737	761	649	733	699	698	696	695	693	692	693	692
1948	822	842	841	811	789	782	775	759	748	745	751	751	735	715	694	697	693	695	693	682	683	673
1949	714	1286	686	531	614	519	568	576	606	736	686	737	708	848	758	765	892	780	745	690	617	525
1950	1557	2489	1707	1301	1602	1840	1591	1597	1323	1350	1472	1452	1300	1400	1136	1127	1017	1025	949	976	1019	1059
1951	1515	1604	1521	1631	1721	1769	1389	1309	1254	1341	1165	1414	892	1130	968	867	816	1110	976	759	841	1461
1952	1299	2104	1336	1563	1186	1213	1262	1486	1364	1243	1214	1188	998	1392	1495	804	823	1077	948	1009	1137	980
1953	1536	1670	1619	1409	1501	1490	1492	1230	1206	1197	1027	1203	1314	962	1178	1293	1130	1048	1017	1208	1001	1176
1954	1329	1415	1293	1140	1100	1350	1152	1263	1219	1191	1196	1103	1273	1139	1300	876	1135	770	1052	746	1105	1324
1955	1282	1295	1107	861	947	833	1200	965	1143	1146	997	809	846	1051	1203	731	925	877	966	1004	1023	936
1956	1502	1545	1457	1749	1389	1216	1096	1426	676	1244	947	914	1199	1038	808	1095	1214	222	1164	474	1180	518
1957	1264	1088	1165	1007	1461	709	1196	995	898	986	948	765	860	761	728	807	605	842	764	490	786	792
1958	1810	1460	1498	1327	1130	1342	1340	1026	932	1309	1276	892	1061	930	899	1096	661	980	934	998	848	892
1959	1308	1203	1053	245	735	518	563	952	825	(-21)	1142	262	1044	442	1146	(-229)	837	698	572	1495	1131	898
1960	924	855	969	822	879	684	665	557	721	492	852	476	545	623	463	413	966	666	949	537	717	579
1961	624	752	639	716	635	809	370	270	499	846	513	554	588	793	715	1036	673	646	478	733	635	688
1962	1505	1139	1311	1106	1036	1241	1081	1057	533	1380	972	852	725	1164	821	758	698	706	808	938	846	834
1963	1062	1199	1146	1002	985	924	1025	1047	870	1159	1084	1005	748	947	888	607	759	886	816	1456	93	286
1964	1218	1208	1101	1113	1110	1008	941	651	1218	824	801	812	919	831	630	704	691	785	451	717	289	1027
1965	2318	2516	2383	2393	2587	2085	1902	2097	1674	1755	1957	1480	2720	2653	2042	1913	1773	1656	1905	1804	2075	1835
1966	713	606	713	733	566	865	657	643	689	570	563	678	653	571	593	634	542	626	663	574	689	539
1967	1308	912	1140	904	745	821	660	689	952	600	1312	300	723	913	681	691	767	766	812	942	939	353
1968	791	855	872	917	775	802	747	717	825	922	970	861	872	880	1369	1382	1141	1709	1891	1892	1869	1729
1969	1203	1150	1183	920	903	1056	997	960	1026	921	732	806	824	859	766	876	747	716	685	769	806	701
1970	1468	1596	1175	1393	1333	1477	1362	1270	1527	1041	1129	1104	1068	869	960	1128	654	978	886	815	349	746
1971	2352	1999	1989	2019	1958	1869	1931	1931	1524	1649	1623	1473	1590	1412	1522	1404	1443	1408	1214	1342	1054	1274

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

CHART NO. 2

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
704	1570	1432	1519	1397	1320	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	99	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
869	960	1128	654	978	886	815	349	746	715	1117	394	696	589	862	829	716	332	30,518
1412	1522	1404	1443	1408	1214	1342	1054	1274	788	1122	1145	1119	954	942	1135	832	1233	45,250

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
1117	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
869	960	1128	654	978	886	815	349	746	715	1117	394	696	529	862	829	716	332	30,518
1412	1522	1404	1443	1408	1214	1342	1054	1274	788	1122	1145	1119	954	942	1135	832	1233	45,250

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1941	638	610	690	733	613	665	664	666	678	696	658	617	771	763	824	652	730	727	655	708	701	730
1942	590	698	519	647	559	574	499	521	533	505	620	622	681	634	606	647	627	619	554	775	619	673
1943	1164	1144	1073	1106	1027	1032	957	1034	987	826	809	1008	861	966	842	859	738	753	662	814	631	1019
1944	416	563	575	641	562	728	670	609	577	560	528	764	413	532	432	443	467	546	726	725	680	685
1945	685	629	583	565	528	608	543	508	658	508	659	629	572	538	174	651	625	611	646	667	669	776
1946	728	643	628	841	671	764	851	794	881	756	762	687	681	657	578	675	703	926	886	957	841	856
1947	706	682	686	610	606	562	639	637	636	710	706	700	698	692	682	672	668	606	632	628	627	650
1948	634	626	621	625	630	634	630	634	634	578	575	585	644	617	606	595	539	521	517	485	519	497
1949	495	544	503	455	433	308	516	467	515	598	588	732	597	566	602	523	494	599	430	492	475	516
1950	896	632	821	643	507	515	497	541	1024	1752	1298	929	756	817	986	723	922	721	532	1160	849	717
1951	756	841	1124	617	775	617	709	570	768	848	643	616	692	904	596	696	736	609	534	318	805	298
1952	873	760	1022	997	666	854	692	727	630	634	856	765	738	2155	1049	739	1014	709	699	1277	965	580
1953	834	982	975	1043	835	897	937	938	805	874	923	837	850	636	805	802	583	869	794	709	913	826
1954	817	692	659	610	820	529	500	646	636	686	544	709	713	627	860	898	605	1024	860	772	522	702
1955	517	573	605	582	896	381	450	648	567	880	919	714	174	588	529	705	858	929	926	716	235	799
1956	801	1317	499	951	1207	1087	1141	1163	1133	1087	931	988	1039	996	1094	813	684	927	777	598 (-308)	1006	6
1957	383	908	1223	1448	633	882	956	854	924	926	778	967	800	706	928	917	799	759	848	1109	823	950
1958	746	750	1069	1070	1196	1211	989	870	716	1286	1071	623	1131	870	1166	1035	910	910	608	1313	802	541
1959	888	919	984	1104	678	482	891	232	469	723	923	670	781	822	1575	1793	1130	711	1523	1743	2087	1388
1960	876	657	500	706	1541	897	670	678	690	712	802	783	805	1146	962	1097	817	936	811	976	837	818
1961	346	629	778	556	634	592	372	633	509	729	761	635	676	559	552	592	701	1050	517	716	722	779
1962	830	799	719	774	742	963	792	670	696	749	775	829	880	836	784	892	889	789	676	711	951	802
1963	1037	1188	920	801	740	858	628	1169	1067	873	783	730	840	784	1015	864	798	898	969	1013	1265	1148
1964	1017	1203	1251	941	715	827	1167	732	831	654	667	735	788	735	880	1167	1088	687	889	933	859	784
1965	1190	1130	1228	952	1147	1048	1049	1262	2065	1723	1553	1254	1429	1344	1493	756	1889	1156	1367	1384	1306	1242
1966	598	629	583	589	570	616	59	585	474	769	1098	591	939	681	580	983	825	815	675	839	628	610
1967	785	725	800	748	689	771	847	763	872	715	821	883	953	773	835	818	739	711	717	783	390	971
1968	925	974	972	943	905	953	791	1018	961	-91	1316	1327	893	824	788	1004	865	818	835	940	1027	1067
1969	769	688	626	669	698	801	815	743	679	773	896	815	845	747	792	806	845	817	789	979	1116	1035
1970	814	710	759	700	828	938	842	469	1289	918	761	806	760	641	920	842	869	810	830	1172	1089	1250
1971	998	871	855	1002	1333	767	770	1294	1329	1160	1163	1095	1086	999	1041	963	1053	1028	954	1130	1112	1080

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

SEPTEMBER

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3																			
1	763	824	652	730	727	655	708	701	730	730	732	732	754	708	715	718	582		20,860
1	694	606	647	627	619	554	775	619	673	596	505	638	546	531	580	481	549		17,748
1	966	842	859	738	753	662	814	631	1019	716	777	768	707	851	844	838	783		26,596
3	532	432	443	467	546	726	725	680	685	660	629	645	616	611	444	541	688		17,676
2	538	174	651	625	611	646	667	669	776	995	1352	1028	399	704	681	675	644		19,510
1	657	578	675	703	926	886	957	841	856	866	864	711	691	595	660	805	678		22,636
8	692	682	672	668	606	632	628	627	650	643	621	599	555	584	604	608	584		19,233
4	617	606	595	539	521	517	485	519	497	518	554	576	606	739	771	820	760		18,290
17	566	602	523	494	599	430	492	475	516	481	571	497	688	442	217	464	780		15,588
6	817	986	723	922	721	532	1160	849	717	696	782	793	835	218	668	922	936		24,088
12	904	596	696	736	609	534	318	805	298	729	717	778	833	704	924	706	812		21,275
18	2155	1049	739	1014	709	699	1277	965	580	818	461	791	322	1434	1014	542	144		24,927
30	636	805	802	583	869	794	709	913	826	706	693	835	390	486	1090	1117	180		24,164
3	627	860	898	605	1024	860	772	522	702	765	838	577	402	742	595	695	789		20,834
74	588	529	705	858	929	926	716	235	799	635	890	890	788	879	770	630	734		20,397
19	996	1094	813	684	927	777	598	(-308)	1006	601	1176	825	970	854	936	1041	1524		27,858
30	706	928	917	799	759	848	1109	823	950	1016	885	798	962	1095	643	837	926		26,683
31	870	1166	1035	910	910	608	1313	802	541	224	818	825	1117	548	847	835	1115		27,212
31	822	1575	1793	1130	711	1523	1743	2087	1388	1467	1071	1218	1497	1804	1581	1498	1165		33,817
15	1146	962	1097	817	936	811	976	837	818	858	706	595	1044	280	259	(-62)	725		23,122
76	559	552	592	701	1050	517	716	722	779	824	747	609	555	469	648	632	584		19,106
30	836	784	892	889	789	676	711	951	802	887	903	1016	740	752	914	1023	1010		24,793
10	784	1015	864	798	898	969	1013	1265	1148	1214	1165	1067	1055	944	848	945	742		28,368
18	735	880	1167	1088	687	889	933	859	784	903	965	865	785	849	805	820	857		26,399
19	1344	1493	756	1889	1156	1367	1384	1306	1242	1170	1297	1296	1226	1174	1040	1180	1276		38,626
19	681	580	983	825	815	675	839	628	610	662	120	600	412	706	663	463	521		18,883
13	773	835	818	739	711	717	783	390	971	495	647	832	746	716	144	1039	980		22,708
13	824	788	1004	865	818	835	940	1027	1067	1001	964	958	1006	938	927	876	900		27,625
15	747	792	806	845	817	789	979	1116	1035	891	787	867	861	827	773	792	798		24,339
0	641	920	842	869	810	830	1172	1089	1250	1351	1178	1020	1097	949	1034	950	879		27,475
6	999	1041	963	1053	1028	954	1130	1112	1080	1065	1027	1144	1118	1022	1082	1204	1278		32,023

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1941	592	699	661	649	748	781	812	797	732	715	591	676	783	804	698	802	849	849	797	855	902	900
1942	567	748	695	662	697	665	659	684	454	502	459	605	740	744	844	563	683	718	692	895	720	764
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940	1122	939	927	1006	876	1012	883	1121	1084
1944	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807	673	632	598	664
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746	689	777	846	792	814	838
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995	925	936	1134
1947	536	648	559	703	619	638	645	518	632	876	803	947	941	874	777	822	2138	1452	1234	1063	981	1002
1948	631	616	536	551	715	779	728	755	791	697	698	742	742	750	748	751	778	783	780	781	782	722
1949	523	572	575	794	757	945	995	893	834	861	999	851	855	817	777	801	825	834	746	749	703	812
1950	1159	1164	672	1056	1194	796	1258	919	1006	1431	840	1014	(-111)	1519	968	971	971	971	971	971	974	975
1951	971	1440	1748	1289	992	1113	1240	1236	681	948	1367	828	1338	1565	940	1752	1489	564	1047	1923	1634	512
1952	649	575	1515	745	854	547	1021	718	1198	565	690	798	489	891	948	855	759	976	789	875	809	1033
1953	1120	651	838	320	945	660	269	725	668	864	516	931	733	866(-1531)	1483	874	834	911	998	659	916	7
1954	476	1023	737	736	706	880	829	842	870	586	(-133)	1942	679	952	(-610)	1111	1246	907	863	851	905	891
1955	982	835	426	380	798	711	587	929	920	1102	194	1254	986	1257	622	1702	660	591	1042	840	821	769
1956	1428	1040	1210	1055	955	1001	1050	956	1066	1386	1095	1440	1132	1153	591	834	767	1098	993	1042	800	909
1957	961	862	354	826	(-675)	684	1015	1104	994	932	940	1008	1004	896	1321	824	826	787	740	834	923	1036
1958	1068	969	983	968	1033	986	976	470	344	825	746	841	866	851	770	788	785	624	910	865	955	798
1959	1375	1133	1082	1038	897	1079	945	1358	1470	2135	1743	1741	1946	1248	1732	1360	1229	1076	1485	1213	1612	1190
1960	689	371	550	83	378	684	1291	649	946	841	1051	1422	1067	748	716	715	648	655	790	721	743	742
1961	814	901	565	856	942	964	883	1058	436	487	1211	1020	819	963	801	786	765	686	641	712	707	780
1962	827	872	748	647	853	729	828	747	937	1148	1471	1452	1927	1567	2636	1803	1389	1570	1213	1234	929	1285
1963	857	688	757	910	881	755	1003	1209	307	1201	1319	804	785	1123	695	1200	917	803	728	945	723	838
1964	599	678	780	782	818	657	804	787	776	904	792	689	548	812	716	950	791	730	778	709	689	735
1965	1041	1290	1004	1182	999	1286	1016	1133	1135	1052	1171	1312	914	1044	1379	1121	1123	1093	965	993	1042	1004
1966	651	333	1002	503	537	539	516	710	733	654	617	595	766	707	335	807	884	686	569	605	627	706
1967	1044	1100	916	1040	871	835	556	1006	1587	1036	927	1027	989	630	895	1135	687	797	670	746	772	1166
1968	914	870	752	865	879	836	781	864	689	774	800	897	1096	1480	1748	1833	1497	1267	1115	1026	1273	1067
1969	866	835	950	929	833	870	872	834	(-525)	2460	1202	965	1273	1068	915	927	1060	981	899	853	832	851
1970	908	804	1003	914	716	855	856	960	869	1046	1178	1413	915	880	858	854	761	915	829	863	1037	981
1971	1223	1282	1187	1186	1246	1121	1212	1502	963	1042	1237	1044	1104	992	1115	1011	1066	1082	1001	1232	1089	1220

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

OCTOBER

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
783	804	698	802	849	849	797	855	902	900	761	755	870	840	882	842	914	876	868	24,300
740	744	844	563	683	718	692	895	720	764	720	760	651	626	702	792	737	835	699	21,282
940	1122	939	927	1006	876	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
617	611	652	642	821	807	673	632	598	664	671	674	693	659	958	436	669	638	718	20,414
696	542	865	746	689	777	846	792	814	838	768	797	776	785	800	781	802	819	924	22,911
931	898	932	865	995	910	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
941	874	777	822	2138	1452	1234	1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
742	750	748	751	778	783	780	781	782	722	738	741	735	736	734	675	686	685	735	22,321
855	817	777	801	825	834	746	749	703	812	825	826	852	803	707	744	752	835	780	24,642
-1111	1519	968	971	971	971	971	971	974	973	974	971	972	991	718	(-569)	1538	1588	1950	30,820
1338	1565	940	1752	1489	564	1047	1923	1634	512	703	2189	1316	1247	1554	2152	1275	1177	1422	39,652
489	891	948	855	759	976	789	875	809	1033	1026	753	831	587	892	1249	1315	631	471	26,054
733	866(-1531)	1483	874	834	911	998	659	916	769	735	906	902	974	628	791	789	691		22,435
679	952(-610)	1111	1246	907	863	851	905	891	846	849	659	715	1018	883	761	732	824		24,666
986	1257	622	1702	660	591	1042	840	821	769	919	722	645	883	698	1023	706	746	1102	25,852
1132	1153	591	834	767	1098	993	1042	800	909	1055	900	907	1336	1165	1318	1130	1443	1051	33,306
1004	896	1321	824	826	787	740	834	923	1036	950	1020	914	1088	988	1165	753	1076	908	27,058
866	851	770	788	785	624	910	865	955	798	498	967	960	900	815	696	748	887	1029	25,921
1946	1248	1732	1360	1229	1076	1485	1213	1612	1190	1284	2293	1644	1448	1315	1657	1256	1106	1364	43,454
1067	748	716	715	648	655	790	721	743	742	719	594	824	797	761	509	1030	1020	768	23,522
819	963	801	786	765	686	641	712	707	780	847	805	791	681	1175	1107	1287	725	860	26,075
1927	1567	2636	1803	1389	1570	1213	1234	929	1285	1082	981	954	1091	967	1103	847	783	906	35,526
785	1123	693	1200	917	803	728	945	723	838	712	795	778	1064	766	643	782	753	779	26,520
548	812	716	950	791	730	778	709	689	735	741	707	816	775	778	913	780	928	742	23,704
914	1044	1379	1121	1123	1093	965	993	1042	1004	981	942	1191	1228	665	838	896	609	1076	32,725
766	707	335	807	884	686	569	605	627	706	772	756	742	707	587	687	420	619	682	20,054
989	630	895	1135	687	797	670	746	772	1166	639	767	874	717	767	1001	1419	1623	961	29,200
1096	1480	1748	1833	1437	1267	1115	1026	1273	1067	404	857	1161	937	916	1101	912	955	1109	31,615
1273	1068	915	927	1060	981	899	853	832	851	881	809	964	920	585	774	892	774	695	28,044
915	880	858	854	761	915	829	863	1037	981	1116	1568	1137	1129	970	806	903	1015	918	29,977
1104	992	1115	1011	1066	1082	1001	1232	1089	1220	1089	1035	1041	949	1124	981	921	926	994	34,217

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	20	21	22
1941	781	821	822	930	1393	1076	1022	894	905	852	802	903	780	894	1387	2533	1954	1566	1420	1187	922	93
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186	1150	1007	857	70
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967	1087	1141	1106	98
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682	577	656	681	73
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888	936	976	839	675
1946	1031	1033	929	844	934	947	1063	971	983	972	1028	937	844	850	944	936	856	947	1115	2186	1660	1484
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928	1024	865	754	883
1948	813	1214	1689	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883	854	838	818	790
1949	805	700	726	794	680	690	694	774	990	1089	971	841	855	836	911	871	796	734	789	764	726	630
1950	1073	2011	1952	1253	1350	1264	1461	1647	1640	1352	950	1333	1115	1313	1197	1140	1183	1327	1659	1697	1595	1881
1951	1030	906	1003	1365	1001	1304	1093	827	1116	447	147	1470	1072	1368	952	1394	87	1272	53	2770	775	1279
1952	401	562	788	1205	800	921	921	778	625	635	523	1159	1188	1634	1240	843	525	947	894	961	643	1021
1953	678	951	844	716	853	798	735	1074	763	749	1072	921	916	803	829	957	776	784	732	528	609	1225
1954	773	403	949	810	888	743	663	713	717	728	709	914	961	891	903	1181	1329	1059	907	875	1050	803
1955	973	847	778	561	910	824	838	702	880	881	1074	1000	858	939	1029	478	613	1034	1115	1028	2455	2255
1956	1245	1077	1093	1225	906	997	1220	964	1172	1182	1213	1248	1087	1024	934	841	1052	1114	1167	736	1048	1316
1957	823	899	1037	894	733	536	682	969	635	792	1181	804	908	1081	1332	827	843	721	432	1252	1201	280
1958	606	567	752	930	869	764	1436	2330	1567	1066	1436	1047	1039	1297	1571	824	591	947	862	1345	1495	1612
1959	1268	1246	1236	1165	1207	818	1199	1039	1152	978	984	1116	1017	652	518	718	1102	847	1010	1057	873	1112
1960	554	980	805	836	1038	595	849	735	763	730	737	795	1333	1091	748	904	368	1466	1201	1145	923	808
1961	745	806	941	901	1098	467	619	148	1618	546	1192	991	540	689	1031	941	610	546	650	646	1092	839
1962	1429	856	1207	484	1267	784	1066	1083	1031	456	898	1071	1322	1255	1441	522	569	794	941	923	958	1893
1963	689	943	720	832	956	1054	1007	1099	1526	1654	1473	1043	769	1083	1558	1547	1623	1337	936	1296	1109	1207
1964	684	774	1180	810	760	696	816	883	851	736	957	988	922	632	589	665	478	576	1132	807	707	642
1965	1090	1006	1047	805	856	1036	884	884	1062	937	849	763	1176	1100	1316	1307	1025	1217	1346	1017	1041	1117
1966	539	753	625	652	532	722	931	1061	733	709	741	874	602	908	1554	1010	1061	963	681	667	996	1071
1967	1213	942	1007	721	832	919	677	856	330	1118	1271	955	1010	874	976	946	1136	832	1143	1254	971	532
1968	1076	936	1088	1161	1105	953	931	831	1114	1747	1639	1605	2072	1694	1538	1299	1228	1430	1420	1546	1183	1349
1969	600	947	1020	670	920	332	1661	1106	954	626	1058	653	820	712	690	823	1024	915	678	723	739	765
1970	989	1124	958	941	928	1067	1221	1167	1125	1518	1441	1610	1075	1140	1026	1053	1052	1071	1078	998	853	885
1971	1104	1214	1118	895	952	890	888	811	1009	1025	955	897	1073	1147	1228	1006	984	815	795	898	912	1134

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

NOVEMBER

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
303	780	894	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
747	707	842	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
240	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
039	928	973	860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581		26,100
072	819	840	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
937	844	850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
985	859	985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,791
817	856	912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
841	855	836	911	871	796	734	789	764	726	630	792	1425	1580	1368	1300	1348	1197	1905		28,581
333	1113	1313	1197	1140	1183	1327	1659	1697	1595	1881	1274	1274	1366	1406	1356	1455	1228	1472		42,224
470	1072	1368	952	1394	87	1272	53	2770	775	1279	1051	898	886	863	1518	1230	1330	1209		31,716
159	1188	1634	1240	843	525	947	894	961	643	1021	708	248	853	123	845	946	822	562		24,321
921	916	803	829	957	776	784	732	528	609	1225	1989	2112	1272	666	1721	1369	1292	1130		29,864
914	961	891	903	1181	1329	1059	907	875	1050	803	883	786	783	876	749	795	742	506		25,089
000	858	939	1029	478	613	1034	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413		34,343
1248	1087	1024	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238		31,232
804	908	1081	1332	827	843	721	432	1252	1201	280	300	1521	413	1067	1053	1339	1098	421		26,074
1047	1039	1297	1571	824	591	947	862	1345	1495	1612	1404	961	1068	926	448	517	646	975		31,898
1116	1017	652	518	718	1102	847	1010	1057	873	1112	1141	1276	1154	1232	806	753	855	893		30,426
793	1333	1091	748	904	368	1466	1201	1145	923	808	693	985	1226	972	1318	1027	706	590		26,921
991	540	689	1031	941	610	546	650	646	1092	839	1327	1142	894	1154	905	971	868	913		25,830
1071	1322	1255	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162		32,507
1043	769	1083	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		33,499
988	922	632	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154		27,144
763	1176	1100	1316	1307	1025	1217	1346	1017	1041	1117	1063	1156	1019	1088	1125	903	862	512		30,609
874	602	908	1554	1010	1061	963	681	667	996	1071	758	389	628	525	492	247	755	1078		23,257
955	1010	874	976	946	1136	832	1143	1254	971	532	936	1091	896	920	888	478	680	1167		27,571
605	2072	1698	1538	1299	1228	1430	1420	1546	1183	1349	1192	1435	1784	1508	1107	1486	1023	1020		39,500
653	820	712	690	823	1024	915	678	723	739	765	697	734	671	669	802	671	603	584		23,867
610	1075	1140	1026	1053	1052	1071	1078	998	853	885	922	1618	5328	6031	3302	2480	2208	2326		48,535
897	1073	1147	1228	1006	984	815	795	898	912	1134	958	851	1007	1048	1469	1218	1408	1243		30,952

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1941	943	947	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1838	1871	2130	2240	2199
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920	942	994	1293
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	746	770	748	759	939	974	1002	1003	1186
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640	866	1052	818
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833	691	898	893
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870	1845	1792	1550
1947	1182	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991	844	951	798
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720	739	713	673
1949	1304	1122	1148	775	799	860	789	842	891	780	701	326	650	903	718	818	789	994	1106	565	729	778
1950	1398	1398	1485	1441	1551	1451	1561	1878	1630	1645	1760	1650	1652	2108	1284	1179	1669	1304	1206	1181	1537	1246
1951	2368	3459	2250	2024	1569	1834	1117	879	711	916	962	1493	1338	1059	1098	754	1072	1273	1362	807	959	2049
1952	723	779	1163	823	753	701	875	1006	902	742	931	938	1424	1071	1096	1443	879	733	444	1164	658	1763
1953	996	1167	917	971	1236	1037	677	1271	960	1221	1025	877	864	854	527	792	1004	968	526	1599	1237	1317
1954	309	588	953	1001	682	902	817	859	702	604	707	858	712	913	817	697	454	504	967	1329	246	(-288)
1955	535	1329	854	1401	739	746	1021	1181	558	1705	1160	923	876	919	784	970	897	1438	1641	2250	2221	4106
1956	985	1145	643	1060	1198	554	733	797	542	483	2817	2027	1978	2196	1817	1811	1316	1170	1588	897	932	1058
1957	503	609	1285	630	553	1042	1317	1215	689	899	(-127)	1561	864	1238	1019	238	1458	1391	1035	1195	1001	1370
1958	809	1308	1419	940	1271	1190	791	1164	1547	951	1404	3044	2870	2586	1169	1251	1932	1401	1286	1009	1382	1356
1959	871	1051	725	1083	916	495	273	713	548	704	892	844	838	1003	571	829	735	862	931	897	593	685
1960	986	617	1099	1012	840	1310	397	(-309)	671	616	722	679	734	845	924	713	742	1054	1221	995	493	751
1961	832	1033	874	1052	1024	647	597	597	853	418	701	386	849	706	952	929	813	980	705	1199	818	1295
1962	1027	1132	1674	1987	1547	1338	1057	1415	1034	1168	826	737	806	902	1564	1156	1029	1149	1207	939	1127	994
1963	713	815	774	635	870	495	1073	893	1024	746	999	1034	576	789	985	854	961	862	1124	869	768	763
1964	1168	1687	1680	1361	1039	949	819	734	816	1226	1288	1034	754	880	1116	989	597	592	651	760	1046	2152
1965	714	767	1091	1178	976	1193	963	665	749	971	1481	906	941	582	819	766	746	747	501	407	546	576
1966	842	804	784	1012	1147	955	912	679	1156	656	671	1049	666	1088	1283	795	444	670	998	573	1117	553
1967	912	871	625	922	730	1014	957	854	698	700	1054	602	692	374	374	410	583	870	954	724	994	740
1968	1132	1183	1018	1251	1038	1290	974	942	1030	1127	1012	1105	1004	753	906	1082	1114	782	943	779	679	899
1969	567	616	727	646	743	722	606	873	835	1131	1155	1256	351	728	1115	536	836	798	831	1017	1074	1426
1970	2435	1989	1858	1877	1493	1578	1638	2589	2722	2743	2154	1602	1423	1779	1566	1729	1766	1443	1116	668	1332	1424
1971	980	881	736	1189	1061	1424	1361	754	614	1125	1037	1169	1260	1149	1239	1057	1107	890	972	973	1064	1102

NATURAL FLOW OF BOISE RIVER

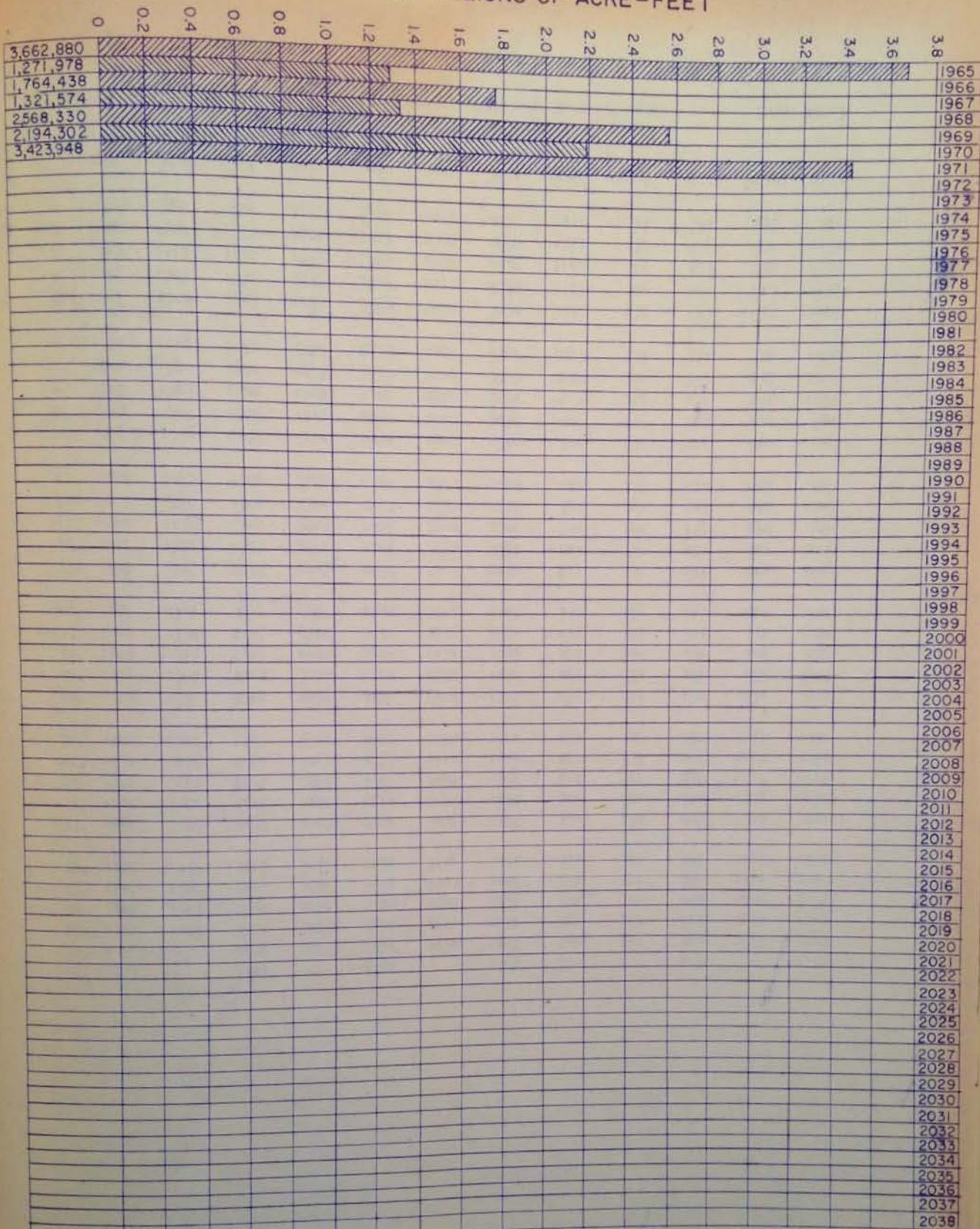
CHART NO. 2

BEGINNING 1941

DECEMBER

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
7	1309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
2	1225	1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
6	746	746	770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,884
2	396	406	464	505	765	610	640	866	1052	818	1137	906	839	783	615	621	588	906	826	21,451
6	664	571	568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
11	3056	4053	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696
18	709	995	922	901	811	959	991	844	951	798	792	974	746	737	736	779	961	790	514	27,702
32	988	999	980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547
26	650	903	718	818	789	994	1106	565	729	778	931	907	764	779	795	975	725	739	748	25,750
50	1652	2108	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1248	670	907	1599	1440	44,493
93	1338	1059	1098	754	1072	1273	1362	807	959	2049	2046	1243	1237	629	1252	1145	1739	1438	1333	43,415
38	1424	1071	1096	1443	879	733	444	1164	658	1763	1202	71	227	465	806	1020	1020	579	922	27,323
77	864	854	527	792	1004	968	526	1599	1237	1317	791	503	829	717	1112	673	519	950	729	28,866
58	712	913	817	697	454	504	967	1329	246	(-288)	891	601	737	1043	1092	588	966	862	957	23,070
23	876	919	784	970	897	1438	1641	2250	2221	4106	16700	20551	11314	7381	5053	4416	3637	2732	2871	102,909
27	1978	2196	1817	1811	1316	1170	1588	897	932	1058	1009	605	1392	622	992	309	807	1031	840	34,754
61	864	1238	1019	238	1458	1391	1035	1195	1001	1370	455	(-56)	2216	1268	1033	417	1472	809	465	29,064
44	2870	2586	1169	1251	1932	1401	1286	1009	1382	1356	1401	998	1312	1203	1269	1094	1039	690	901	41,987
44	838	1003	571	829	735	862	931	897	593	685	623	1058	1251	972	814	716	717	353	694	24,257
79	734	845	924	713	742	1054	1221	995	493	751	892	632	951	955	558	871	860	418	734	23,983
186	849	706	952	929	813	980	705	1199	818	1295	789	966	1017	752	678	708	833	1044	889	25,936
137	806	902	1564	1156	1029	1149	1207	939	1127	994	1234	800	295	414	706	736	976	1145	838	32,959
134	576	789	985	854	961	862	1124	869	768	763	724	648	687	867	836	840	963	802	595	25,586
134	754	880	1116	989	597	592	651	760	1046	2152	18378	27294	19240	11963	8143	6823	5706	4580	3940	129,405
106	941	582	819	766	746	747	501	407	546	576	889	815	1030	924	829	1184	803	879	707	26,345
149	666	1088	1283	795	444	670	998	573	1117	553	642	633	605	704	498	368	551	1074	630	24,559
102	692	374	374	410	583	870	954	724	994	740	527	880	1213	940	720	1243	865	766	899	24,707
105	1004	753	906	1082	1114	782	943	779	679	899	950	946	1335	1476	1180	1113	822	1040	879	31,784
156	351	728	1115	536	836	798	831	1017	1074	1426	1387	1266	865	945	919	767	834	355	548	26,475
102	1423	1779	1566	1729	1766	1443	1116	668	1332	1424	1338	996	953	1283	1122	1277	1703	1364	1297	50,257
69	1260	1149	1239	1057	1107	890	972	973	1064	1102	1250	957	1414	1274	1385	1270	122	902	887	32,605

RUNOFF IN MILLIONS OF ACRE-FEET



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

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

CHART NO. 3

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

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

CHART 3-A

<u>YEAR</u>	<u>AMOUNT PRODUCED OCT 1 - SEPT. 30</u>	<u>HIGH-MONTH</u>	<u>AMOUNT PRODUCED FOR MONTH</u>	<u>HIGH-DAY</u>	<u>24 HR. CFS AMOUNT PRODUCED</u>	<u>INSTANTANEOUS 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
1970-1971	3,423,948	MAY	922,614	MAY 14	20,253	

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRES

FOR IRRIGATION YEARS BEGINNING 1894 - 189

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	152380	636
1895-96	57040	54980	50780	73440	67660	157560	295040	555382	1464280	385520	819
1896-97	54220	61300(3)	64600	50520	55240	88000	476000(5)	508000(6)	415000(5)	143300	672
1897-98	63420	64100	61500(7)	34100	67200	119280	251700	320280	299360	116848	457
1898-99	53262	56242	151640	160600	78640	113900	425740	608020	731400	356160	1099
1899-1900	83664	90000	97000	125420	100500	305220	380120	510720	300640	84156	535
1900-01	63570	61880	65060	79440	98340	179320	305900	626460	287420	116400	5222
1901-02	56464	55892	76400	61300	90440	88920	213470	353460	287160	106720	4949
1902-03	45630	54418	63474	81760	63570	143360	448220	520620	601880	147580	5300
1903-04	58554	67800(7)	67800	124000(1)	108000(1)	264140	671840	828600	521060	201920	7197
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	229820	247660	78860	3987
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	163340	52410
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673540	683520	534560	335840	101600
1907-08	57890	55970	63300	67190	63282	141130	382320	370360	324780	197960	64920
1908-09	68440	59280	58000	138160	110680	228840	473220	605240	655220	226800	63690
1909-10	63140	200560	124760	79900	66600	566900	609980	511760	310360	110040	55970
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	233040	74906
1911-12	66670	66700	63500	78420	76120	99580	340920	684180	677560	173980	83380
1912-13	66960	67820	60680	53800	51400	101800	374960	573740	413420	158660	82964
1913-14	63524	80180	61384	71196	74968	216040	469040	553660	307700	124130	58742
1914-15	69684	58366	44800	59580	59726	94782	196558	274128	191900	83872	40926
1915-16	42410	45626	53346	49930	63262	197486	555062	563752	594764	293818	80102
1916-17	59106	54020	53702	47628	47694	61740	267082	654156	643322	260216	65224
1917-18	46004	49506	128592	113828	77736	181442	346040	409954	462460	112526	56292
1918-19	64292	56578	49118	50532	52844	114916	395854	509192	240872	69736	36404
1919-20	47968	56548	53010	66528	66714	89254	189044	449730	333468	117324	40586
1920-21	59966	75678	67106	112422	94098	271472	394484	824038	718728	175390	62908
1921-22	55492	78176	89958	60982	53180	113692	319642	752474	659864	148066	65210
1922-23	52168	48886	52872	62094	50860	92700	273726	454010	376208	192504	67552
1923-24	61592	52930	51286	48954	72446	63550	136450	243200	76792	35296	24426
1924-25	39218	53862	42912	48414	129386	192378	501862	700486	367370	152598	60730
1925-26	58424	51382	63482	48416	64264	140450	232784	247930	104636	42192	30858
1926-27	34882	67640	84702	62700	107342	185560	374434	660044	729736	234042	74454
1927-28	67804	143162	98102	90026	79090	276560	316008	852194	305760	115962	51846
1928-29	49856	50404	46770	46690	49214	106834	179238	359536	285968	96482	35716
1929-30	39356	36848	69548	44778	64388	103616	274178	295246	257700	77726	44922

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

CHART NO. 4

L	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
10	395220	225700	152380	63620	58000	1,559,520
10	555382	1464280	385520	81960	57500	3,301,142
10(5)	508000(6)	415000(5)	143300	67250	62520	2,045,950
10	320280	299360	116848	45720	39168	1,482,676
10	608020	731400	356160	109940	68900	2,914,444
20	510720	300540	84156	53500	51212	2,182,152
30	626460	287420	116400	52222	49704	1,985,716
70	353460	287160	106720	49496	40914	1,480,636
20	520620	601880	147580	53000	46344	2,269,856
10	828600	521060	201920	71972	49830	3,029,516
30	229820	247660	78860	39870	34660	1,183,050
20	428100	346980	163340	52410	41090	1,703,390
10	683520	534560	335840	101600	62070	3,207,380
20	370360	324780	197960	64920	55524	1,844,626
20	605240	655220	226800	63690	57220	2,744,790
80	511760	310360	110040	55970	56390	2,756,360
60	549120	740660	233040	74906	59636	2,494,052
20	684180	677560	173980	83380	66080	2,477,090
60	573740	413420	158660	82964	54290	2,060,494
40	553660	307700	124130	58742	52654	2,133,218
58	274128	191900	83872	40926	39672	1,213,994
62	563752	594764	293818	80102	53686	2,593,244
82	654156	643322	260216	65224	43950	2,257,840
40	409954	462460	112526	56292	51122	2,035,502
54	509192	240872	69736	36404	34262	1,674,600
44	449730	333468	117324	40586	39234	1,549,408
84	824038	718728	175390	62908	48784	2,905,074
42	752474	659864	148066	65210	47974	2,444,710
26	454010	376208	192504	67552	42946	1,766,526
50	243200	76792	35296	24426	25320	892,242
62	700486	367370	152598	60730	47302	2,336,518
84	247930	104636	42192	30858	29480	1,114,298
34	660044	729736	234042	74454	57570	2,673,106
08	852194	305760	115962	51846	38016	2,434,530
38	359536	285968	96482	35716	31802	1,338,510
78	295246	257700	77726	44922	36050	1,344,356

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM 1900

(5) MISSING DAYS SUBSTITUTED FROM 21 YEAR MEAN

(6) MISSING MONTHS SUBSTITUTED FROM 21 YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS

TOTAL MONTHLY FLOW OF BOISE RIVER - IN

FOR IRRIGATION YEARS BEGINNING 1894

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1930-31	54512	45418	44108	44814	45298	91246	177172	251538	110844
1931-32	31424	31224	36376	38612	36754	135826	336006	564176	458224
1932-33	39142	56478	40596	43926	41136	64474	239342	341610	538198
1933-34	41684	47684	55656	79680	78948	151696	249648	204008	85624
1934-35	37226	49444	51208	52256	54336	83150	299458	428528	363262
1935-36	33616	38268	37352	44612	47356	100060	577594	625906	319284
1936-37	39772	36600	41556	37568	41728	89870	207358	381192	178996
1937-38	36226	49828	115760	67492	71566	191026	505100	711314	558138
1938-39	60626	67394	60980	52236	47170	164294	328918	341836	136300
1939-40	40474	38998	49268	53858	75724	201512	355842	434480	227258
1940-41	53168	59764	56634	54260	65368	113448	188300	365336	266776
1941-42	48600	63200	106838	62182	63162	87804	341622	325576	362374
1942-43	42564	64068	81782	153190	116564	235138	1006532	722804	627754
1943-44	61802	70704	55768	49412	52610	68094	164000	303208	247726
1944-45	40828	52200	42902	56270	80124	99160	202368	473146	405996
1945-46	45822	53670	74712	79530	65808	218604	639804	651660	378822
1946-47	67394	72214	109392	60364	87278	181276	289400	545764	297240
1947-48	56244	57582	55404	65522	60480	73396	264424	505792	459706
1948-49	44642	53918	51094	49038	45314	146834	416548	571670	304424
1949-50	49284	57162	51500	63202	75010	154776	402618	563086	548282
1950-51	61640	84448	88986	69948	125878	125072	556968	684894	440580
1951-52	79304	63432	86830	68642	77070	103020	677890	901634	518282
1952-53	52108	48642	54646	100936	88486	126730	329366	403582	588956
1953-54	44870	59728	57732	64266	92288	149836	381720	597550	339666
1954-55	49332	50178	46140	46716	40444	55940	129832	397270	419360
1955-56	51704	68686	205818	147212	104470	228258	636502	841354	582588
1956-57	66612	62464	69508	52448	92880	194092	361256	753940	518012
1957-58	54116	52148	58128	53682	121836	124694	323778	946374	501566
1958-59	51842	63796	83974	76466	69702	92542	276734	331594	362156
1959-60	86908	60852	48514	51664	64890	172830	358988	374362	333350
1960-61	47044	53842	47966	42454	58830	91230	172064	298818	229386
1961-62	52150	51660	51872	54554	78326	83072	407856	406458	425398
1962-63	71052	65014	65918	43612	147124	91904	180298	452916	411904
1963-64	53040	66998	51172	52170	53860	71218	262166	457280	407856
1964-65	47408	54288	258810	160396	182606	185530	624180	836232	778888
1965-66	65450	61218	52690	63168	47170	97960	248302	327154	178048
1966-67	40108	46514	49118	65592	60048	83580	138430	483144	526106
1967-68	58400	55142	49414	47040	98090	119292	152728	259286	278606
1968-69	63230	79000	63568	127936	87134	143928	654184	724322	396216
1969-70	56088	47734	52950	127058	101728	149020	189668	577010	571508

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

CHART NO. 4

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
177172	231338	110844	34042	23952	23940	946,884
336006	364176	458224	134044	57524	42730	1,922,920
239342	341610	538198	106458	43964	32200	1,587,524
249648	204008	85624	36200	23570	26072	1,080,470
299458	428328	363262	98220	38058	29980	1,583,126
577394	625906	319284	79080	43354	38360	1,984,842
207358	381192	178996	59986	25948	25746	1,166,320
305100	711314	558138	201292	71190	46910	2,623,842
328918	341836	136300	60358	28454	30436	1,379,002
355842	434480	227258	64910	30808	39548	1,612,680
188300	365336	266776	85452	54496	41720	1,404,722
341622	325376	362374	139112	46790	35496	1,682,756
1006532	722804	627754	359598	100484	53192	3,563,670
164000	303208	247726	106326	43264	35352	1,258,266
202368	473146	405996	139040	51630	39020	1,682,684
639804	651660	378822	125920	56618	45272	2,436,242
289400	545764	297240	110646	46168	38466	1,903,602
264424	505792	459706	109372	44612	36580	1,789,114
416548	571670	304424	93542	41120	31176	1,849,320
402618	563086	548282	239398	76620	48176	2,329,114
556968	684894	440580	195068	70970	42550	2,547,002
677890	901634	518282	171498	68760	49854	2,866,216
329366	403582	588956	254470	73246	48328	2,169,496
381720	597550	399666	179018	66360	41668	2,874,702
129832	397270	419360	131738	56754	40794	1,464,498
636502	841354	582588	188844	62734	55716	3,173,886
361256	753940	518012	148306	51944	53366	2,424,828
323778	946374	501566	142466	61766	54424	2,494,978
276734	331594	362156	104896	48432	67634	1,629,768
358988	574362	333350	81574	45758	46244	1,723,934
172064	298818	229386	56820	40060	38212	1,176,726
407856	406458	425398	142912	57452	49586	1,861,296
180298	452916	411904	148768	53310	56736	1,788,556
262166	457280	407856	152946	50092	52798	1,731,596
624180	836232	778888	338964	118326	77252	3,662,880
248302	327154	178048	54000	39052	37766	1,271,978
138430	483144	526106	177282	49100	45416	1,764,438
152728	259286	278606	76126	72200	55250	1,321,574
654184	724322	396216	128856	51278	48678	2,568,330
189668	577010	571508	205552	61036	54950	2,194,302

TOTAL MONTHLY FLOW = \$21,100 (\$1,000 + 10%)

電話 090-1234-5678 FAX 090-1234-5678

[illegible]

TOTAL MONTHLY PLAN - 2012 - 12 MONTH

Page 1 of 1

FOR INFORMATION ONLY - 2012 - 12 MONTH

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT	TOTAL
01/01/12	1000.00	02/01/12	1000.00	03/01/12	1000.00	3,000.00

CHART NO. 5

APRIL																					TOTAL
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
			5	8	11	13	16	19	22	25	28	24	20	16	13	10	6	6	6	0	
									16	16	17	17	18	18	19	19	20	20	21	248	
																12	12	12	12	201	
					25	25	25	25	26	26	27	27	28	29	29	29	29	28		48	
																				378	
															6	6	6	7	7	0	
															15	16	17	17	18	32	
				33	33	33	32	29	31	32	31	31	32	33	31	40	33	48		83	
									12	17	22	27	32	37	41	41	41	41		502	
																				311	
								17	23	29	35	41	47	53	59	55	57	57		473	
																				0	
										10	10	9	8	8	8	9	9	10		81	
	20	27	35	42	50	57	64	71	75	79	84	89	93	97	97	98	99	100		1180	
								75	97	153	153	153	175	173	180	199	199			1557	
																				0	
																		7	7	14	
																				0	
																18	22	26		66	
																				0	
									39	37	36	34	32	31	33	35	37	40		354	
															25	25	25	25		100	
																				0	
																	7	7	7	0	
																				21	
										64	63	63	62	62	61	60	58	57		550	
															10	10	10	10		40	
														2	2	1	2	2		9	
																				0	
						125	125	125	125	131	137	143	149	155	162	165	169	172	176	2059	
																76	76	76	76	304	
00	800	1206	1401	1401	1422	1438	1528	1512	1722	1906	2002	2046	2145	2145	2245	2290	2404	2508	2629	42650	
			15	16	17	18	19	20	21	22	23	24	25	25	26	27	28	28	29	383	
																				0	
				114	137	151	151	192	274	301	350	366	385	389	385	389	387	412	398	4781	

NAME OF CANAL

	1	2	3	4	5	6	7	8	9	10	11	12	13	MAY 14	15	16	17	18
AIKEN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
ANDREWS	6	6	6	6	6	6	9	13	16	20	23	27	27	27	27	27	27	27
BALLENTYNE	21	22	22	22	22	22	21	21	21	21	21	21	21	27	27	27	27	27
BAXTER	12	12	12	12	12	12	13	14	15	16	17	18	18	19	19	19	20	20
BOISE CITY	28	28	28	32	36	41	40	39	37	36	36	37	37	38	38	39	39	39
BOONE																		
BOWMAN-SWISHER	8	8	9	9	10	11	12	13	14	15	16	17	16	15	15	14	13	13
BUBB (SOUTH BOISE MUTUAL)	18	19	20	20	19	19	19	18	18	18	17	16	15	14	13	12	11	12
CALDWELL HIGH LINE	47	46	46	40	48	44	40	43	46	46	43	42	42	42	42	43	43	43
CAMPBELL (CANYON)	41	41	41	41	41	40	39	39	38	38	37	36	37	37	38	38	39	39
CANYON COUNTY	81	81	84	83	84	84	84	84	84	84	84	84	83	84	82	82	81	81
CONWAY-HAMMING							5	5	5	5	5	0	0	0	0	0	0	0
DAVIS DITCH	10	11	11	11	11	11	12	12	12	12	12	12	12	0	0	0	0	0
EUREKA #2	101	102	103	104	105	104	104	103	102	102	101	101	101	102	102	103	104	104
FARMERS UNION	211	222	232	233	254	257	260	261	261	260	261	261	261	257	257	257	255	255
GRAHAM-GILBERT																		
HAAS	8	9	9	10	11	11	11	11	11	12	12	12	12	12	12	0	0	0
HART-DAVIS	10	10	10	11	12	12	13	13	14	14	12	11	9	8	6	5	4	5
ISLAND HIGH LINE	30	34	38	42	46	50	50	50	49	49	48	48	49	50	51	51	52	53
LEMP																		
LITTLE PIONEER	42	44	46	49	49	50	50	51	51	52	52	50	49	47	46	45	44	44
LOWER CENTER POINT	26	26	26	26	26	26	25	25	25	24	24	24	24	23	23	22	22	21
MACE-CATLIN								9	9	9	9	9	9	9	9	9	9	9
MACE-MACE																		
MAMMON	8	7	7	7	8	9	8	9	8	9	8	7	7	7	8	7	7	8
MCCONNEL ISLAND	56	55	54	52	51	49	48	48	47	46	46	45	46	48	49	51	52	53
MCMAHUS & TEATER	10	10	10	10	10	9	9	8	8	7	6	5	5	5	5	4	4	4
MEEVES #1	1	2	3	3	4	3	3	4	3	3	3	2	3	3	2	3	0	3
MEEVES #2			2	1	2	1	2	1	2	0	0	0	0	0	0	0	0	0
MIDDLETON	180	183	186	189	187	186	184	183	182	181	180	176	172	168	164	160	156	162
NEW DRY CREEK	89	89	112	89	89	89	89	89	89	100	89	89	89	89	76	76	69	76
NEW YORK CANAL (B. OF C.)	2713	2713	2707	2763	2763	2763	2858	2864	2875	2870	2875	2875	2875	2853	2853	2853	2853	2847
PARMA	29	29	30	30	31	31	32	32	33	33	34	34	32	31	30	29	27	24
PENITENTIARY	0	1	1	0	5	5	8	8	9	9	9	12	11	9	10	10	10	10
PHYLLIS	408	414	442	483	481	483	483	448	448	446	448	448	453	453	414	419	444	440
RIDENBAUGH	554	553	549	553	556	560	556	560	554	550	547	560	560	564	572	566	566	566
RIVERSIDE	244	232	221	247	245	261	268	281	282	279	274	268	273	268	261	271	277	277
ROEDEL	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4
ROSSI MILL	8	8	8	8	8	9	9	9	10	10	10	10	10	9	9	9	9	9
SEBREE (FARMERS CO-OP)	209	209	211	265	306	297	263	263	260	258	260	257	258	258	260	244	244	244
SETTLERS	150	162	177	182	194	196	197	198	201	201	202	201	201	200	200	199	197	201
SEVEN SUCKERS	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4
SIEBENBERG	14	15	15	16	16	14	13	12	10	8	7	5	6	7	8	10	11	13
THURMAN MILL	35	34	33	33	34	34	34	35	35	35	35	34	34	34	33	33	33	33
UPPER CENTER POINT	18	17	17	16	15	15	15	15	16	16	16	16	16	17	17	18	19	20
WARM SPRINGS SLOUGH	6	6	6	6	6	6	7	7	8	8	8	8	8	8	0	0	0	0
TOTAL CANAL DIVERSIONS	5438	5464	5538	5708	5807	5824	5897	5902	5912	5906	5891	5882	5885	5843	5779	5760	5776	5801
MISCELLANEOUS																		
TOTAL DIVERSIONS																		

CHART NO. 5

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	0	0	0	104
23	27	27	27	27	27	27	27	27	25	22	20	17	15	12	10	12	13	14	15	16	524
21	21	21	20	20	20	20	20	20	19	19	19	18	18	18	18	18	18	18	18	18	617
17	18	18	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19	537
36	37	37	38	38	39	39	39	41	41	42	42	43	43	43	42	42	42	41	41	40	1191
16	17	16	15	15	14	13	13	12	11	10	9	8	6	5	4	4	4	4	4	4	0
17	16	15	14	13	12	11	12	13	14	16	17	18	19	18	17	16	14	12	11	10	313
43	42	42	42	42	43	43	43	46	42	43	43	42	40	37	37	45	46	46	46	45	493
37	36	37	37	38	38	39	39	40	41	42	43	44	45	46	46	47	47	48	48	49	1344
84	84	83	84	82	82	81	81	80	80	79	78	77	76	76	76	76	76	76	76	76	1286
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	2496
12	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	43
101	101	101	102	102	103	104	104	105	105	104	104	103	102	102	101	100	99	98	97	96	268
261	261	261	257	257	257	255	255	255	255	256	256	256	251	256	256	259	259	252	252	252	3164
12	12	12	12	12	0	0	0	0	1	3	4	6	8	10	11	11	12	12	13	13	7830
12	11	9	8	6	5	4	5	7	8	9	11	12	13	13	13	13	13	14	14	14	31
48	48	49	50	51	51	52	53	54	54	54	54	55	55	55	55	54	53	52	51	50	267
52	50	49	47	46	45	44	44	45	45	46	47	47	48	48	46	44	42	40	38	36	333
24	24	24	23	23	22	22	21	21	22	23	25	26	27	28	29	28	27	26	25	24	1536
9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	7	7	7	6	0
8	7	7	7	8	7	7	8	9	8	9	9	8	8	9	9	9	8	9	9	8	251
46	45	46	48	49	51	52	53	54	54	54	54	54	54	54	54	53	52	52	51	50	1586
6	5	5	5	5	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	0	169
3	2	3	3	2	3	0	3	3	3	3	0	0	0	0	0	0	0	0	0	0	57
0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	35
180	176	172	168	164	160																

NAME OF CANAL

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	JUNE	14	15	16	17	18
AIKEN	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	4
ANDREWS	18	19	21	23	25	28	31	33	36	35	35	34	34	33	33	32	32	32	
BALLENTYNE	18	18	18	18	17	17	17	17	17	17	18	18	18	18	18	18	18	18	17
BAXTER	18	18	18	17	16	15	13	12	11	12	12	13	14	14	15	16	15	14	
BOISE CITY	40	40	40	40	40	40	40	40	40	39	39	39	38	38	38	37	37	36	
BOONE																			
BOWMAN-SWISHER	4	4	4	4	5	5	6	7	7	7	7	6	6	6	5	5	6	8	
BUBB (SOUTH BOISE MUTUAL)	9	8	8	8	8	8	4	11	9	12	13	12	13	10	11	11	11	9	
CALDWELL HIGH LINE	46	42	38	39	47	46	47	46	43	45	43	38	36	34	46	49	49	49	
CAMPBELL (CANYON)	49	50	46	43	39	36	32	29	28	26	25	23	22	20	19	23	28	32	
CANYON COUNTY	76	88	71	71	71	72	80	75	76	77	82	83	84	85	86	87	87	90	
CONWAY-HAMMING	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DAVIS DITCH	16	15	15	14	13	13	12	12	12	13	13	13	14	14	14	14	14	14	
EUREKA #2	95	94	94	94	94	95	95	96	96	98	100	102	103	104	106	108	108	108	
FARMERS UNION	240	230	230	229	229	234	233	234	246	246	246	246	246	246	247	255	255	265	
GRAHAM-GILBERT	0	0	0	0	2	2	2	2	2	2	1	1	1	1	1	1	1	0	
HAAS	14	15	15	15	15	15	14	14	14	13	12	12	11	10	10	9	10	11	
HART-DAVIS	14	13	11	9	7	5	3	3	3	3	3	3	3	3	4	4	5	6	
ISLAND HIGH LINE	50	49	48	48	48	48	48	48	48	47	46	46	45	44	44	43	43	44	
LEMP																			
LITTLE PIONEER	35	33	33	33	33	34	34	34	35	36	36	37	38	39	40	40	41	41	
LOWER CENTER POINT	23	22	21	21	21	21	20	20	20	21	22	22	23	24	24	25	26	28	
MACE-CATLIN	6	6	6	5	5	5	5	5	5	5	6	6	6	6	7	7	8	8	
MACE-MACE																			
MAMMON	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	6	5	6	
MCCONNEL ISLAND	50	49	48	47	46	45	45	44	43	45	48	50	53	55	58	60	62	63	
McMANUS & TEATER	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	
MEEVES #1	0	0	0	0	0	0	4	4	4	4	4	4	4	0	0	0	0	0	
MEEVES #2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	
MIDDLETON	177	177	176	173	170	168	165	163	160	156	152	148	144	140	136	148	160	173	185
NEW DRY CREEK	56	56	56	56	56	56	50	63	63	66	66	66	66	65	85	76	76	76	
NEW YORK CANAL (B. OF C.)	2819	2825	2802	2668	2651	2651	2546	2657	2769	2769	2752	2741	2763	2769	2769	2758	2763	2741	274
PARMA	18	19	20	22	23	24	26	27	29	29	29	29	29	29	29	28	26	24	
PENITENTIARY	11	11	11	11	11	11	11	8	8	6	6	6	6	6	5	5	5	7	
PHYLLIS	387	321	313	303	297	340	344	391	383	387	333	333	333	370	370	423	425	427	429
RIDENBAUGH	550	544	544	544	539	542	545	547	544	550	539	538	536	537	542	547	547	547	542
RIVERSIDE	285	277	259	257	242	247	241	227	227	239	268	244	245	239	239	242	213	211	236
ROEDEL	4	4	4	4	4	4	0	0	0	0	0	0	3	3	3	3	3	3	
ROSSI MILL	14	14	14	14	14	14	14	13	12	12	11	11	10	10	9	9	8	8	7
SEBREE (FARMERS CO-OP)	283	258	232	241	241	241	241	239	239	250	278	263	258	258	286	333	318	324	333
SETTLERS	193	193	183	169	168	168	169	182	183	182	183	182	182	183	182	196	193	196	196
SEVEN SUCKERS	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0	0	0	7	7
SIEBENBERG	9	9	9	10	11	12	13	14	14	13	13	12	12	12	11	11	11	11	
THURMAN MILL	35	36	36	37	37	38	38	37	36	35	35	34	33	32	32	33	33	33	
UPPER CENTER POINT	17	17	17	17	16	16	16	15	15	15	15	15	16	16	16	16	17	17	
WARM SPRINGS DITCH	0	0	0	0	0	0	0	0	0	0	12	12	12	12	12	12	12	12	
TOTAL CANAL DIVERSIONS	5694	5588	5467	5310	5265	5320	5208	5373	5481	5516	5508	5447	5470	5496	5564	5702	5686	5710	5767
MISCELLANEOUS																			
TOTAL DIVERSIONS																			

[illegible]

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1971, INCLUDING

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	JULY 14	15	16	17	18
AIKEN	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	6	6	6
ANDREWS	46	42	38	34	30	26	22	18	18	18	18	19	19	19	18	18	17	16
BALLENTYNE	23	23	24	25	25	26	26	26	25	25	24	24	24	24	23	23	23	23
BAXTER	7	9	10	12	13	15	16	18	18	18	18	0	0	0	0	0	0	0
BOISE CITY	40	41	41	41	42	42	42	42	42	43	43	44	44	44	44	43	43	43
BOONE																		
BOWMAN-SWISHER	10	10	11	11	12	12	13	13	14	15	16	17	18	19	19	19	19	19
BUBB (SOUTH BOISE MUTUAL)	11	9	7	7	14	11	14	17	17	17	17	14	16	16	12	12	12	12
CALDWELL HIGH LINE	33	33	32	31	32	39	40	43	44	49	48	49	51	48	49	53	53	51
CAMPBELL (CANYON)	34	36	37	38	40	41	42	42	42	41	41	40	40	39	38	37	37	36
CANYON COUNTY	65	67	69	69	69	69	63	63	74	78	79	79	87	68	83	78	80	79
CONWAY-HAMMING	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0
DAVIS DITCH	0	0	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
EUREKA #2	88	78	69	59	49	39	30	20	32	45	57	70	83	96	100	103	107	111
FARMERS UNION	245	245	245	249	269	239	276	276	276	276	276	261	277	279	278	278	277	265
GRAHAM-GILBERT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAAS	17	17	16	16	15	15	14	14	14	14	14	13	13	13	13	13	13	12
HART-DAVIS	4	4	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	11
ISLAND HIGH LINE	22	24	27	29	32	35	38	40	39	38	36	35	33	32	33	35	36	39
LEMP	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6
LITTLE PIONEER	32	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	46
LOWER CENTER POINT	26	25	24	23	22	21	20	19	20	22	23	24	26	27	29	31	33	38
MACE-CATLIN	0	0	4	4	4	4	5	6	8	10	12	14	14	14	13	13	12	12
MACE-MACE																		
MAMMON	7	8	7	7	8	7	8	12	11	12	11	12	12	10	10	10	10	10
McCONNEL ISLAND	54	52	49	46	43	40	37	34	34	34	34	33	33	33	35	37	38	41
McMANUS & TEATER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
MEEVES #1	0	1	0	0	0	5	4	5	4	5	4	2	2	3	2	2	3	1
MEEVES #2	0	0	0	0	0	0	0	0	0	0	0	4	5	4	5	4	5	1
MIDDLETON	135	144	152	161	169	177	185	189	193	197	202	206	210	207	203	200	196	189
NEW DRY CREEK	50	50	50	74	74	77	87	87	87	87	87	87	74	81	85	85	85	84
NEW YORK CANAL (B. OF C.)	2513	2567	2567	2601	2646	2763	2842	2842	2814	2825	2802	2802	2819	2842	2842	2814	2814	2819
PARMA	24	23	21	19	17	15	14	12	12	12	12	13	13	13	14	15	16	17
PENITENTIARY	9	9	9	9	9	9	9	11	11	12	12	12	12	12	12	12	12	6
PHYLLIS	252	254	248	344	379	431	457	410	419	446	459	459	491	461	485	487	483	505
RIDENBAUGH	480	500	499	501	523	549	544	547	564	561	560	579	566	566	569	566	575	582
RIVERSIDE	205	199	205	194	196	199	187	179	193	200	200	202	204	200	196	197	205	217
ROEDEL	2	2	2	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3
ROSSI MILL	13	12	12	12	11	11	11	11	11	11	11	11	11	11	10	10	10	9
SEBREE (FARMERS CO-OP)	219	230	228	230	244	265	334	378	345	375	360	360	363	348	336	369	375	381
SETTLERS	146	147	84	150	166	185	190	190	192	194	195	195	194	194	194	194	191	180
SEVEN SUCKERS	0	0	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5
SIEBENBERG	7	7	8	8	9	9	10	10	10	10	11	11	12	12	11	11	9	9
THURMAN MILL	24	23	23	22	21	20	22	25	27	30	33	35	35	35	35	0	0	0
UPPER CENTER POINT	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20	20	19	19
WARM SPRINGS DITCH	0	0	0	0	0	0	0	0	0	5	5	5	5	6	6	7	8	9
TOTAL CANAL DIVERSIONS	4843	4925	4876	5088	5246	5460	5668	5666	5673	5795	5796	5827	5909	5880	5907	5878	5908	5937
MISCELLANEOUS																		
TOTAL DIVERSIONS																		5949

CHART NO. 5

JULY																				TOTAL
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
5	5	5	6	6	6	6	6	6	6	5	5	5	5	5	5	5	0	0	107	
19	19	18	18	17	16	16	15	15	14	14	14	13	13	13	12	12	12	12	611	
24	24	23	23	23	23	22	21	20	20	19	19	18	18	18	19	19	20	20	689	
0	0	0	0	0	0	16	16	16	16	16	16	16	15	15	15	15	15	15	356	
44	44	44	43	43	43	43	42	41	40	39	37	36	35	36	37	38	39	40	1267	
																				0
18	19	19	19	19	19	18	18	18	18	17	16	15	14	12	11	10	10	10	454	
16	16	12	12	12	12	11	12	16	16	14	12	14	14	15	15	15	14	14	417	
51	48	49	53	53	51	51	51	48	45	45	40	44	42	48	44	46	47	48	1377	
40	39	38	37	37	36	36	35	34	35	36	36	37	38	38	39	39	39	38	1181	
																				2346
87	68	83	78	80	79	80	76	70	63	74	74	81	81	81	83	84	96	84	34	
5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	420	
14	14	14	14	14	14	14	14	14	15	15	15	16	16	16	16	15	15	15	2731	
83	96	100	103	107	111	115	119	123	127	123	120	116	113	109	106	107	108	109	8065	
277	279	278	278	277	277	263	270	269	258	259	258	257	237	238	238	239	240	240		
																				42
0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	414	
13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13	159	
0	0	0	0	0	0	11	11	11	10	10	10	9	9	9	8	8	8	7	1078	
33	32	33	35	36	37	39	40	42	43	42	40	38	37	35	34	32	29	26	139	
6	6	6	6	6	6	6	6	6	7	8	9	10	11	10	9	8	7	6		
																				1252
45	46	47	48	49	48	46	45	44	42	41	40	39	38	37	36	35	33	32	916	
26	27	29	31	33	35	38	40	42	44	42	40	38	35	32	29	29	29	28	295	
14	14	13	13	13	12	12	12	12	11	11	11	10	10	10	11	11	12	12	0	
																				310
12	10	10	10	10	10	10	10	10	13	13	13	13	13	13	13	6	6	5		
33	33	35	37	38	40	41	43	44	45	43	40	38	35	33	30	28	27	26	1179	
0	0	0	0	0	0	4	4	4	4	4	4	4	0	0	0	0	0	0	28	
2	2	2	2	3	2	1	2	1	2	1	2	2	2	2	2	2	2	2	67	
4	5	4	5	4	5	5	1	2	1	1	1	1	0	0	0	0	0	0	41	
16	210	207	203	200	196	193	189	186	180	174	168	162	156	150	144	147	150	154	5437	
																				2384
74	81	85	85	85	85	84	85	66	66	66	66	60	66	87	87	87	87	85	85758	
2819	2842	2842	2814	2814	2814	2819	2808	2819	2769	2718	2786	2791	2791	2802	2769	2786	2791	2780	490	
13	13	14	15	16	16	17	18	19	20	19	18	17	15	14	12	11	13	16	261	
12	12	12	12	12	12	6	0	0	5	5	8	8	8	8	5	5	5	5	14029	
59	491	461	485	487	483	506	505	504	491	499	506	511	506	501	508	506	506	509		
																				17000
566	566	569	566	575	575	582	570	567	560	556	556	544	543	539	542	539	539	539	6073	
204	200	196	197	205	206	217	204	218	190	190	191	187	194	193	194	178	175	175	100	
3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	317	
11	11	11	10	10	9	9	9	9	9	9	9	9	9	9	9	9	10	10	9915	
50	363	348	336	369	375	388	381	378	351	342	315	309	309	309	289	289	295	292		
																				5618
194	194	194	194	194	191	180	176	184	184	191	187	191	190	194	187	187	186	186	121	
5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	0	0	301	
1	12	12	11	11	10	9	8	8	8	9	9	10	10	11	11	11	11	11	816	
5	35	35	35	0	0	0	0	34	34	34	34	33	33	33	34	34	35	35	371	
0	20	20	20	20	20	19	19	19	18	18	18	18	18	18	18	17	17	16	181	
5	5	6	6	7	8	8	9	10	10	10	10	10	10	10	10	9	9	9		
																				175147
7	5909	5880	5907	5878	5908	5937	5949	5942	5904	5806	5729	5767	5741	5701	5707	5655	5652	5662	245	
																				175392

NAME OF CANAL

	1	2	3	4	5	6	7	8	9	10	11	12	13	AUGUST					17	18
														14	15	16				
AIKEN	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4		
ANDREWS	12	11	11	11	11	10	9	8	8	7	6	5	7	10	12	14	17	19		
BALLENTYNE	21	21	21	20	20	19	19	18	18	18	18	18	18	18	18	18	18	18		
BAXTER	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
BOISE CITY	41	42	42	41	40	39	39	38	38	37	36	35	35	34	33	32	32	32		
BOONE																				
BOWMAN-SWISHER																				
RUBB (SOUTH BOISE MUTUAL)	10	10	10	10	10	11	12	13	13	14	14	15	15	15	15	16	16	16		
CALDWELL HIGH LINE	13	14	14	12	12	11	11	12	12	12	12	14	13	10	10	10	14	14		
CAMPBELL (CANYON)	44	47	54	52	51	50	49	50	45	42	45	47	46	47	46	44	46	42		
	38	38	37	37	36	35	33	32	31	30	29	28	27	26	25	24	23	22		
CANYON COUNTY																				
CONWAY-HAMMING	83	81	80	78	79	78	76	72	66	64	64	74	81	76	76	78	79	84		
DAVIS DITCH	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	2	3	4		
EUREKA #2	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13		
FARMERS UNION	110	112	114	116	111	106	100	95	90	85	80	85	90	96	101	107	112	117		
	241	243	243	243	243	247	249	249	248	249	249	249	246	246	246	249	248	242		
GRAHAM-GILBERT																				
HAAS	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2		
HART-DAVIS	13	14	14	15	15	16	17	17	18	18	19	20	19	18	18	17	16	16		
ISLAND HIGH LINE	7	7	8	10	12	13	15	16	18	17	16	15	14	12	11	10	10	10		
LEMP	23	20	17	13	10	13	16	19	21	24	27	30	32	34	35	37	38	40		
	5	4	3	3	4	4	4	5	5	5	5	5	5	4	4	4	4	4		
LITTLE PIONEER																				
LOWER CENTER POINT	31	30	29	30	31	32	33	34	35	36	37	37	38	38	39	39	40	40		
MACE-CATLIN	28	28	27	27	27	27	27	27	27	27	0	0	37	37	37	37	37	37		
MACE-MACE	13	13	13	13	12	12	12	11	11	11	11	10	10	10	9	9	9	9		
MAMMON	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
MCCONNEL ISLAND	25	24	23	22	21	21	22	22	23	23	24	24	26	28	27	29	30	32		
MCMANUS & TEATER	1	1	1	1	2	3	4	4	5	5	6	6	6	6	5	5	5	5		
MEEVES #1	2	2	1	2	1	2	2	2	3	3	3	3	2	3	3	2	3	3		
MEEVES #2	0	2	1	2	1	2	1	2	1	2	1	1	2	1	2	1	2	2		
MIDDLETON	160	163	166	166	166	166	165	165	165	165	161	157	153	149	145	142	138	137		
NEW DRY CREEK	85	87	85	85	85	85	85	84	76	87	87	87	81	81	83	87	87	87		
NEW YORK CANAL (B. OF C.)	2797	2797	2797	2791	2797	2814	2814	2814	2814	2836	2797	2819	2780	2780	2780	2786	2786	2769		
PARMA	18	21	23	26	28	29	29	30	31	32	32	32	31	30	29	27	26	23		
PENITENTIARY	7	7	8	9	11	11	11	12	12	12	12	12	12	12	12	12	12	10		
PHYLLIS	511	509	508	515	522	519	522	528	526	514	509	507	509	509	511	513	511	499		
RIDENBAUGH	537	533	537	543	539	544	544	544	547	547	535	538	535	533	533	539	539	538		
RIVERSIDE	184	186	180	180	175	184	181	181	188	185	196	188	192	186	198	204	203	202		
ROEDEL	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3		
ROSSI MILL	10	10	10	9	9	9	8	8	8	8	8	8	9	9	9	9	9	10		
SEBREE (FARMERS CO-OP)	303	303	336	366	366	366	357	357	357	354	354	375	375	360	360	360	364	363		
SETTLERS	185	183	184	187	185	187	186	187	186	187	187	187	187	187	185	184	182	179		
SEVEN SUCKERS	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0		
SIEBENBERG	12	12	12	12	12	11	11	11	10	10	10	10	10	11	11	12	12	12		
THURMAN MILL	36	36	36	36	36	35	35	35	35	35	34	34	34	33	33	33	33	33		
UPPER CENTER POINT	16	15	15	14	15	16	17	17	18	19	20	20	21	21	22	23	24	23		
WARM SPRINGS DITCH	8	8	8	8	9	9	9	9	10	10	10	10	10	9	9	9	9	9		
TOTAL CANAL DIVERSIONS	5679	5677	5709	5753	5758	5799	5785	5790	5789	5780	5716	5764	5768	5733	5746	5763	5775	5803		
MISCELLANEOUS																				
TOTAL DIVERSIONS																				

CHART NO. 5

AUGUST																					TOTAL	
2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	4	4	4	4	4	76		
5	7	10	12	14	17	19	21	22	24	25	27	29	30	32	31	29	28	27	25	538		
18	18	18	18	18	18	18	19	19	19	20	20	19	18	17	16	15	14	13	13	561		
17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	19	19	535		
35	35	34	33	32	32	32	33	33	33	34	34	33	31	30	29	28	26	25	25	1060		
																					0	
15	15	15	15	16	16	16	16	16	17	17	18	18	19	19	19	19	19	20	20	472		
14	13	10	10	10	14	14	13	11	10	10	14	16	14	12	12	12	12	13	12	381		
47	46	47	46	44	46	42	42	43	45	45	43	45	43	42	40	44	45	47	45	1416		
28	27	26	25	24	23	22	25	27	30	32	35	37	40	40	41	42	43	43	44	1030		
74	81	76	76	78	79	84	81	78	74	72	86	75	69	67	67	72	78	78	78	2344		
0	0	0	0	2	3	4	4	5	5	4	3	3	3	4	4	5	5	6	6	84		
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	403		
85	90	96	101	107	112	117	116	114	113	112	111	110	109	109	109	109	108	108	108	3263		
249	246	246	246	249	248	242	241	233	231	230	153	196	196	216	233	233	233	230	230	7285		
																					52	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	506		
20	19	18	18	17	16	16	15	15	15	16	16	16	17	17	17	16	16	15	15	336		
15	14	12	11	10	10	10	10	10	10	10	10	10	9	9	8	8	7	7	7	969		
30	32	34	35	37	38	40	41	41	41	41	41	41	41	41	40	39	38	38	37	125		
5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3			
37	38	38	39	39	40	40	40	40	39	39	39	39	40	41	39	37	36	34	32	1124		
0	37	37	37	37	37	37	36	36	35	34	34	33	32	32	31	31	30	30	29	917		
10	10	10	9	9	9	9	9	10	10	10	10	10	10	10	9	9	9	9	9	322		
5	5	5	5	5	5	1	1	1	1	0	0	0	0	0	0	0	0	0	0	74		
10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	254		
																					765	
24	26	28	27	29	30	32	33	31	29	27	25	23	21	19	20	21	22	23	25	164		
6	6	6	5	5	5	5	5	5	5	6	6	6	6	7	8	8	9	10	12	69		
3	2	3	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	0	0	33		
1	2	1	2	2	1	2	2	1	2	2	0	0	0	0	0	0	0	0	0			
157	153	149	145	142	138	138	137	137	136	136	135	135	131	127	124	120	117	113	110	4488		
																					2588	
87	87	81	81	83	87	87	87	87	87	81	86	81	79	79	79	79	79	83	79	85513		
2819	2780	2780	2780	2780	2786	2786	2769	2797	2802	2752	2752	2685	2690	2640	2674	2674	2674	2674	2551	853		
32	31	30	29	27	26	24	23	24	24	25	26	26	27	28	29	30	31	31	32	299		
12	12	12	12	12	12	12	10	9	9	9	7	7	7	7	8	8	8	8	7	15076		
507	509	509	511	513	511	522	499	497	499	495	499	458	457	457	410	412	404	370	354			
																					16601	
538	535	533	533	533	539	539	538	537	539	542	543	542	537	530	529	517	519	516	512	5883		
188	192	186	198	204	203	205	202	203	203	196	181	197	188	181	192	188	188	187	181	83		
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	304		
8	9	9	9	9	9	9	10	10	10	11	11	11	11	11	12	12	12	12	12	10257		
375	375	360	360	360	348	364	363	363	363	363	55	330	286	292	286	295	297	300	303			
																					5673	
187	187	187	187	185	184	182	179	177	175	175	173	174	174	178	181	184	186	188	186	76		
5	0	0	0	0	0	0	0	3	3	3	3	3	3	3	4	4	4	4	4	364		
10	10	11	11	11	12	12	12	12	12	11	11	11	11	12	13	14	14	15	16	1018		
34	34	33	33	33	33	33	33	32	32	32	32	31	31	30	30	29	29	28	27	572		
20	21	21	22	23	23	24	23	22	21	20	18	17	16	16	16	16	17	17	17	267		
10	10	9	9	9	9	9	9	9	9	9	9	9	9	8	8	7	7	6	6			
5764	5768	5733	5746	5763	5775	5803	5753	5761	5764	5697	5319	5528	5458	5405	5414	5408	5407	5369	5209	175073		
																					321	
																					175399	

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1971, INCLUDING

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	SEPTEMBER					17	18
														14	15	16				
AIKEN	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2		
ANDREWS	23	21	20	18	17	15	14	12	11	12	13	15	16	18	19	21	21	21		
BALLENTYNE	13	13	14	14	14	14	14	14	14	14	13	13	13	13	13	13	14	14		
BAXTER	19	19	19	19	19	20	20	20	20	20	19	19	18	18	17	16	16	16		
BOISE CITY	26	27	27	28	28	29	29	29	29	29	29	29	29	29	28	28	27	27		
BOONE																				
BOWMAN-SWISHER	20	20	20	20	20	0	0	0	0	0	0	0	7	7	7	7	7	7		
BUBB (SOUTH BOISE MUTUAL)	12	12	9	7	7	12	12	12	11	12	9	9	13	12	12	11	9	7		
CALDWELL HIGH LINE	42	46	42	42	41	42	42	44	42	40	40	41	41	42	44	44	45	9		
CAMPBELL (CANYON)	44	43	42	41	40	40	39	38	37	36	35	35	34	33	33	32	31	30		
CANYON COUNTY	77	71	79	73	69	73	74	74	69	73	69	72	69	64	65	66	63	66		
CONWAY-HAMMING	6	6	5	5	5	4	4	4	3	3	2	2	1	1	1	2	2	3		
DAVIS DITCH	12	12	12	11	11	11	11	11	11	10	10	9	9	9	8	8	8	7		
EUREKA #2	108	104	100	96	92	87	83	79	75	71	76	80	85	90	94	92	89	86		
FARMERS UNION	217	218	218	208	208	203	205	193	192	191	188	187	186	186	175	175	174	174		
GRAHAM-GILBERT	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
HAAS	14	14	14	14	14	14	14	14	14	13	12	12	11	10	9	8	9	10		
HART-DAVIS	8	8	9	9	10	10	11	11	11	11	10	10	10	10	10	10	10	10		
ISLAND HIGH LINE	36	36	37	38	39	40	41	42	43	43	43	43	42	42	42	41	40	39		
LEMP	3	3	4	4	4	5	5	5	5	5	5	5	5	5	5	4	4	3		
LITTLE PIONEER	32	32	32	32	32	32	32	32	32	32	32	33	33	33	33	33	32	32		
LOWER CENTER POINT	29	29	29	29	28	28	28	27	27	27	27	28	28	29	29	28	27	25		
MACE-CATLIN	9	9	9	8	8	8	8	8	8	7	7	6	6	6	6	6	6	6		
MACE-MACE	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4		
MAMMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
McCONNEL ISLAND	26	27	25	24	23	21	20	18	17	17	17	16	16	16	15	15	15	15		
McMANUS & TEATER	13	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0		
MEEVES #1	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	3	2	2		
MEEVES #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MIDDLETON	109	108	107	106	106	105	104	103	103	103	103	103	103	103	102	101	100	98		
NEW DRY CREEK	79	79	79	71	71	54	50	54	54	54	54	54	43	43	43	43	43	43		
NEW YORK CANAL (B. OF C.)	2546	2503	2352	2255	2160	2170	2060	2055	2060	2070	2075	2075	2075	2085	2070	2075	2065	2070		
PARMA	33	34	34	35	35	35	36	36	36	34	33	31	30	28	27	25	25	25		
PENITENTIARY	7	5	5	5	6	6	6	8	8	8	8	8	8	8	8	8	8	8		
PHYLLIS	354	340	281	281	283	281	278	282	281	285	283	278	285	292	287	283	291	289		
RIDENBAUGH	517	517	508	513	512	514	503	489	478	473	470	470	467	469	457	445	443	436		
RIVERSIDE	174	182	181	184	185	187	178	180	182	191	190	185	196	185	191	196	182	187		
ROEDEL	1	1	1	2	2	2	3	3	4	4	4	3	3	2	2	2	2	2		
ROSSI MILL	12	12	12	11	11	11	11	11	11	11	10	10	10	10	10	9	9	9		
SEBREE (FARMERS CO-OP)	294	303	275	255	255	255	258	255	255	253	255	253	232	232	235	232	232	224		
SETTLERS	183	181	179	174	159	157	145	145	143	143	143	142	141	138	135	130	127	119		
SEVEN SUCKERS	4	4	4	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2		
SIEBENBERG	17	16	15	14	12	11	10	9	8	8	8	8	7	7	7	7	7	6		
THURMAN MILL	26	25	23	22	21	19	18	18	18	19	19	19	19	19	19	18	18	18		
UPPER CENTER POINT	17	17	16	16	15	15	14	14	13	13	13	14	14	15	15	14	13	12		
WARM SPRINGS DITCH	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
TOTAL CANAL DIVERSIONS	5173	5121	4862	4706	4584	4539	4389	4358	4334	4343	4338	4331	4321	4326	4289	4272	4242	4203		
MISCELLANEOUS																				
TOTAL DIVERSIONS																		418		

CHART NO. 5

SEPTEMBER																				TOTAL
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	73
5	16	18	19	21	21	21	21	20	20	20	20	21	22	23	24	25	26	27		576
3	13	13	13	13	14	14	14	14	14	14	14	13	13	13	13	13	13	13		405
9	18	18	17	16	16	16	16	17	17	17	17	17	18	19	19	20	21	22		554
9	29	29	28	28	27	27	26	26	26	26	25	25	25	24	24	23	22	21		800
0	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	0	237
9	13	12	12	11	9	9	7	10	12	12	12	11	6	0	7	12	12	12		303
1	41	42	44	44	45	40	40	42	51	40	39	38	38	38	38	30	39	39		1232
5	34	33	33	32	31	30	30	29	28	27	27	27	27	28	28	28	28	28		998
12	69	64	65	66	63	66	70	69	67	68	66	65	63	70	70	75	64	47		2060
2	1	1	1	2	2	3	3	4	4	4	4	4	3	3	3	3	3	3		100
9	9	9	8	8	8	7	7	7	7	8	8	9	9	10	10	10	10	10		285
30	85	90	94	92	89	86	83	81	78	76	75	74	73	72	71	70	69	67		2476
87	186	186	175	175	174	174	173	172	173	174	174	175	173	164	163	160	158	144		5501
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
12	11	10	9	8	9	10	11	12	12	13	14	13	12	12	11	10	9	9		358
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9		296
43	42	42	42	42	41	40	39	37	36	34	33	33	34	34	35	35	36	36		1152
5	5	5	5	4	4	3	3	2	2	2	2	2	3	3	3	3	3	3		110
33	33	33	33	33	33	32	32	32	32	31	30	28	26	25	23	22	21	21		905
28	28	29	29	28	27	26	25	23	22	21	22	23	24	25	26	27	28	28		797
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		203
4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5		86
0	0	0	0	0	3	3	3	3	0	0	3	3	3	3	3	0	0	0		27
16	16	16	15	15	15	15	15	14	14	14	14	15	15	16	17	17	18	19		531
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		65
0	2	3	2	3	2	3	2	0	0	0	0	0	0	0	2	2	2	2		25
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
103	103	103	102	101	100	99	98	97	96	96	96	96	97	97	97	97	94	91		3020
54	43	43	43	43	43	43	43	36	43	43	43	43	43	43	50	43	43	43		1527
1075	2075	2085	2070	2075	2065	2070	2070	2075	2075	2070	2070	2105	2105	2095	2100	2100	2125	2050		63861
31	30	28	27	25	25	25	25	24	24	24	24	23	21	20	18	17	16	14		822
8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7		213
278	285	292	287	287	283	291	289	287	282	285	285	289	287	291	291	213	203	203		8437
470	467	469	457	445	443	434	436	432	422	417	416	413	407	405	404	390	386	372		13579
185	196	185	191	196	196	182	187	193	204	173	173	174	178	180	192	203	176	155		5533
3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1		62
10	10	10	10	10	9	9	9	9	9	9	9	8	8	8	8	8	8	7		291
253	232	232	235	232	232	232	224	226	224	226	222	224	226	198	201	169	137	102		6940
142	141	138	135	130	127	125	119	106	112	106	100	101	101	101	102	101	101	92		3932
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		52
8	7	7	7	7	7	7	6	6	6	6	6	6	7	7	7	8	8	8		259
19	19	19	19	19	18	18	18	18	18	18	18	17	17	17	17	17	16	16		565
14	14	15	15	14	14	13	12	11	10	10	10	10	10	11	11	11	11	11		390
6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5		174
331	4321	4326	4289	4272	4242	4220	4203	4181	4187	4131	4118	4152	4141	4101	4134	4008	3951	3760		129815
																				199
																				130014

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1971, INCLUDING:

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	OCTOBER				
													13	14	15	16	17
AIKEN	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
ANDREWS	27	26	26	26	25	25	25	25	25	25	26	26	26	26	26		
BALLENTYNE	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12		
BAXTER	22	22	22														
BOISE CITY	20	20	19	18	18	18	18	18	18	18	18	18	18	18	18		
BOONE																	
BOWMAN-SWISHER	8	8	8	8	8	8	8	8	8	8							
BURR (SOUTH BOISE MUTUAL)	9	9	9	8	9	9	9	9	9	9	9	10	11	11	11		
CALDWELL HIGH LINE	41	42	42	38	41	36	36	36	33	33	33	33	33				
CAMPBELL (CANYON)	28	28	0	0	0	0	0	0	0	19	19	19	19	19	19		
CANYON COUNTY	62	59	64	64	64	61	61	59	61	61	55	72	57	57	46		
CONWAY-HAMMING	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4		
DAVIS DITCH	9	9	9	9	9	9	9	9	9								
EUREKA #2	66	65	63	62	61	60	60	61	61	62	62	63	63	63	63		
FARMERS UNION	0	0	0	41	84	84	84	84	84	84	84	88	84	84			
GRAHAM-GILBERT																	
HAAS	9	8	8	7	7	6	6	6	6	6							
HART-DAVIS	8	8	7	6	6	6	6	6	6	6	6	6	6	6	6		
ISLAND HIGH LINE	34	32	30	29	27	25	23	23	23	23	23	23	23	23	23		
LEMP	3	4	4	4	4	4	4	3	3	3	2	2	2	2	2		
LITTLE PIONEER	20	20	20	19	19	19	19	20	20	20	21	21	21	21	21		
LOWER CENTER POINT	27	27	26	26	25	25	25	26	26	27	27	28	28	28	28		
MACE-CATLIN	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7		
MACE-MACE	5	0	0	0	0	0	0	0	3	3	3	3	3	3	3		
NAMMON	0	0	0	0	0	0	0	0	0	0	10	10	7	3			
MCCONNELL ISLAND	19	20	20	21	22	23	23	22	21	20	19	19	18	17	17		
MCMANUS & TEATER																	
MEEVES #1																	
MEEVES #2																	
MIDDLETON	89	86	83	80	77	78	78	79	80	80	81	81	81	81	81		
NEW DRY CREEK	43	43	43	57	43	43	43	43	43	43	43	41	43	43	43		
NEW YORK CANAL (B. OF C.)	1944	1891	1848	1848	1843	1843	1843	1853	1806	1806	1806	1810	1796	1806	566		
PARMA	14	14	14	13	13	13	13	12	12	11	11	10	10	9	9		
PENITENTIARY	7	7	8	8	8	8	8	8	8	8	7	7	7	7			
PHYLLIS	183	183	185	185	185	185	185	185	185	185	185	183	183				
RIDENBAUGH	320	322	323	329	326	322	323										
RIVERSIDE	178	135	148	153	152	152	148	148	144	140	140	131	156	156	156		
ROEDEL	1	1	0	0	0	0	0	0	0	2	2	2	2	2	2		
ROSSI MILL	7	7	6	6	6	6	6	6	7	7	7	7	7	7	7		
SEBREE (FARMERS CO-OP)	102	102	102	99	99	103	98	98	98	98	98	98	101	101	101		
SETTLERS	81	81	81	62	62	62	61	61	61	60	60	59	59	59			
SEVEN SUCKERS																	
SIEBENBERG	8	8															
THURMAN MILL	15	15	14	14	14	15	15	15	16	16	17	17	17	17	17		
UPPER CENTER POINT	11	11															
WARM SPRINGS DITCH	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5		
TOTAL CANAL DIVERSIONS	9449	9341	9260	9268	9285	9276	9265	9291	92906	92913	92904	92917	92911	2699	1295		
MISCELLANEOUS																	
TOTAL DIVERSIONS																	

N SECOND FEET OF BOISE VALLEY CANALS
IRRIGATION SEASON OF 1971, INCLUDING STORAGE

CHART NO. 5

[illegible]

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1971

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
AIKEN	0	208	134	214	132	146	60	914
ANDREWS	496	1048	1906	1222	1076	1152	770	7670
BALLENTYNE	402	1234	1096	1378	1122	810	376	6418
BAXTER	96	1074	774	712	1070	1108	132	4966
BOISE CITY	756	2382	2296	2534	2120	1600	550	12238
BOONE	0	0	0	0	0	0	0	0
BOWMAN & SWISHER	64	626	488	908	944	474	160	3664
BUBB	166	986	492	834	762	606	282	4128
CALDWELL HIGH LINE	1004	2688	2742	2754	2832	2464	954	15438
CAMPBELL	622	2572	2148	2362	2060	1996	340	12100
CANYON COUNTY	946	4992	4834	4692	4688	4120	1806	26078
CONWAY-HAMMING	0	86	48	68	168	200	104	674
DAVIS	162	536	686	840	806	570	162	3762
EUREKA #2	2360	6328	6040	5462	6526	4952	1870	33538
FARMERS UNION	3114	15660	13830	16130	14570	11002	1770	76076
GRAHAM-GILBERT	0	62	38	84	104	6	0	294
HAAS	28	534	828	828	1012	716	138	4084
HART-DAVIS	0	666	344	318	672	592	190	2782
ISLAND HIGH LINE	132	3072	2602	2136	1938	2304	768	12972
LEMP	0	0	0	278	250	220	92	840
LITTLE PIONEER	708	2866	2226	2504	2248	1810	602	12964
LOWER CENTER POINT	200	1538	1574	1832	1834	1594	798	9370
MACE-CATLIN	0	400	350	590	644	406	194	2584
MACE-MACE	0	0	0	0	148	172	52	372
NAMON	42	502	234	620	508	54	60	2020
MCCONNELL ISLAND	1100	3172	3358	2358	1530	1062	602	13182
MCMAHUS & TEATER	80	338	180	56	328	190	0	1112
NEEVES #1	18	114	116	134	138	50	0	570
NEEVES #2	0	70	32	82	66	0	0	250
MIDDLETON	4118	10892	10090	10874	8976	6040	2430	53420
MISCELLANEOUS	78	490	492	490	642	398	60	2650
NEW DRY CREEK	608	5138	4106	4768	5176	3034	1314	24164
NEW YORK CANAL	85300	174686	164784	171516	171026	127722	52618	947652
PARMA	766	1530	1420	980	1706	1644	356	8402
PENITENTIARY	0	532	500	522	598	426	212	2790
PHYLLIS	9562	26130	22730	28058	30152	16874	4794	138300
RIDENBAUGH	11290	34388	32150	34000	33202	27158	4530	176718
RIVERSIDE	10288	16452	14388	12146	11766	11066	4474	80580
ROEDEL	16	132	134	200	166	124	28	800
ROSSI MILL	162	596	648	634	608	582	198	3428

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1971

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
SEBREE	5692	15820	16618	19830	20514	13880	2996	95350
SETTLERS	934	12130	10988	11236	11346	7864	1818	56316
SEVEN SUCKERS ✓	40	64	160	242	152	104	0	762
SIEBENBERG	104	680	646	602	728	518	32	3310
THURMAN MILL	308	2094	1974	1632	2036	1130	468	9642
UPPER CENTER POINT	354	1090	940	742	1144	780	44	5094
WARM SPRINGS ✓	0	- 196	360	362	534	348	136	1936
TOTALS	142116	356794	332524	350784	350788	260028	89340	1882374

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

BOISE RIVER CANAL DIVERSIONS IN ACRE

BEGINNING 1967

NAME OF CANAL	1967	1968	1969	1970	1971
AIKEN					
ANDREWS		1212	1122	1336	914
BALLENTYNE		8042	7708	9240	7670
BAXTER	5148	4518	6284	6040	6418
BOISE CITY		4460	3210	4100	4966
	9812	10430	11110	10552	12238
BOISE VALLEY					
BOONE	19988	19124	20358	17462	17546
BOWMAN-SWISHER			106	0	0
BUBB (SOUTH BOISE MUTUAL)		3474	3038	2044	3664
CALDWELL HIGH LINE	5390	4452	4098	3738	4128
	21440	17308	19044	16440	15438
CAMPBELL (CANYON)					
CANYON COUNTY WATER CO	9344	9536	11258	11054	12100
CAPITAL VIEW IRRIG. DIST.	24268	22428	24682	27386	26078
CONWAY-HAMMING	2072	2142	2730	2440	2222
DAVIS DITCH		1238	1304	832	674
	3834	4680	4124	4038	3762
EUREKA WATER CO. #1	7574	8456	10568	10672	10236
EUREKA #2	32866	36268	31052	32952	33538
FARMERS UNION	51008	49316	52656	53180	56308
GRAHAM-GILBERT		648	676	534	294
HAAS		4294	3330	4058	4084
HART-DAVIS		5776	4382	3702	2782
ISLAND HIGH LINE		13914	15988	15850	12972
LEMP		2980	1504	2174	840
LITTLE PIONEER	11282	9114	14032	16536	12964
LOWER CENTER POINT	12702	11292	8676	9668	9370
MACE-CATLIN		2428	2408	2802	2584
MACE-MACE		1114	814	758	372
MAMMON		1162	1384	1704	2020
MCCONNEL ISLAND		10832	12894	15302	13182
MCMANUS AND TEATER		1340	1564	1156	1112
MEEVES #1		612	690	846	570
MEEVES #2					250
MIDDLETON WATER CO.	27928	29133	31028	32880	30984
MIDDLETON MILL DITCH	20224	21097	22468	23810	22436
MISCELLANEOUS	5962	6102	9960	2378	2650
NEW DRY CREEK	19088	19964	21764	19110	19690
NEW UNION	5158	5118	4024	4002	4474
NEW YORK CANAL (B. OF C.)	908206	857014	930788	885602	947652
PARMA		7462	6984	8678	8402
PENITENTIARY	1954	2114	2008	2342	2790
PHYLLIS	125032	105940	132490	128090	128064
PIONEER DIXIE	24206	24766	23618	23700	22800
RIDENBAUGH	174206	169182	177208	175524	176718
RIVERSIDE	57026	54290	51356	43538	57780
ROEDEL		1780	610	608	800

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1967

CHART NO. 7

1971
914
7670
6418
4966
2238

7546
0
3664
4128
5438

2100
26078
2222
674
3762

10236
33538
56308
294
4084

2782
12972
840
12964
9370

2584
372
2020
13182
1112

570
250
30984
22436
2650

19690
4474
47652
8402
2790

28064
22800
76718
7780
800

80500
-22800
57700

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1967

NAME OF CANAL	1967	1968	1969	1970	1971
ROSSI MILL (SOUTH BOISE CANAL)	3232	3082	3478	3212	3428
SEBREE (FARMERS CO-OP)	105780	101228	94108	91792	95350
SETTLERS	52424	51430	51930	55450	56316
SEVEN SUCKERS		1330	788	664	762
SIEBENBERG	4280	3736	4378	4756	3310
THURMAN MILL					
UPPER CENTER POINT	10512	10198	11564	9102	9642
WARM SPRINGS DITCH	5270	5518	5186	5322	5094
		2558	2116	1528	1936
TOTAL SUMMER DIVERSIONS	1785410	1755632	1870648	1810684	1882374
STORAGE WATER USED		581723	555489	471312	418822
SUMMER RETURN FLOW USED	428828	253699	385530	423236	485686
NATURAL FLOW USED IRRIGATION SEASON		920210	929629	916136	977866
FLOOD CONTROL & OTHER LOSS TO IRRIGATION	0	0	239554	324006	909339
LOSS TO THE BOISE RIVER @PARMA		237060	783482	573559	1336242
OUTFLOW LUCKY PEAK RESERVOIR				1823244	2541080
FISH AND GAME	37050	18992	10290	16126	12056
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	93370	27416	0	4272	0
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM	0	0	709378	920626	1969314
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1785410	1802040	1880938	1831082	1894430
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	1487002	1364416	2519304	2295068	3361958
TOTAL LOSS TO THE BOISE RIVER @PARMA		454788	1527244	1218344	2528166
TOTAL OUTFLOW LUCKY PEAK	1647352	1466906	2384296	2102898	3366002

YEARS 1950 THRU 1966 IN PREVIOUS REPORTS

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY B

FOR EACH IRRIGATION SEASON FROM 1
(ACREAGE TAKEN FROM CHART NO. 5

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969
AIKEN						296	5.14	296	4.7
ANDREWS						1068	7.53	1068	7.2
BALLENTYNE	763	9.04	763	6.99	6.75	763	5.92	763	8.2
BAXTER						200	2.23	200	16.0
BOISE CITY	1828	5.40	1828	5.67	5.37	1828	5.71	1828	6.08
BOISE VALLEY									
BOONE	2729	5.78	2729	8.12	7.32	2729	7.01	2729	7.46
BOWMAN-SWISHER								517	.21
BUBB (SOUTH BOISE MUTUAL)	1057	4.23	1057	4.63	5.10	424	8.19	424	7.17
*CALDWELL HIGH LINE	3960	5.27	3960	4.25	5.41	1057	4.21	1057	3.88
						3960	4.37	3960	4.81
CAMPBELL (CANYON)	802	15.54	802	13.78	11.65	802	11.89	802	14.04
CANYON COUNTY	4007	6.30	4007	6.36	6.06	4007	5.60	4007	6.16
CAPITAL VIEW						600	3.57	600	4.55
CONWAY-HAMMING						259	4.78	259	5.03
DAVIS DITCH	634	7.10	634	6.99	6.05	634	7.38	634	6.50
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	5.87
EUREKA #2	2625	14.67	2625	16.48	12.52	2625	13.82	2625	11.89
FARMERS UNION	8900	6.98	8900	6.04	5.96	8900	5.94	8900	6.34
GRAHAM-GILBERT						200	3.24	200	3.38
HAAS						750	5.73	867	3.84
HART-DAVIS						453	12.75	453	9.67
ISLAND HIGH LINE						945	14.72	945	16.92
LEMP						300	9.93	300	5.01
LITTLE PIONEER	1286	10.53	1286	8.81	8.77	1286	7.09	1286	10.91
LOWER CENTER POINT	880	11.47	880	16.15	14.43	880	12.83	880	9.86
MACE-CATLIN						536	4.53	536	4.49
MACE-MACE						80	13.93	80	10.18
MAMMON						168	6.92	468	2.96
MCCONNEL ISLAND						1600	6.77	1600	8.06
MCMAHUS & TEATER						168	7.98	168	9.31
MEEVES #1						90	6.80	90	7.67
MEEVES #2									
MIDDLETON IRRIG. ASSOC.	5182	5.89	5180	6.81	5.39	5180	5.62	5180	5.99
MIDDLETON MILL	4400	5.02	4400	5.12	4.60	4400	4.80	4400	5.11
MISCELLANEOUS	511	7.25	1428	6.74	3.53	957	6.38	2610	3.82
NEW DRY CREEK	3059	7.21	3059	6.61	6.24	3059	6.53	3059	7.11
NEW UNION	688	6.96	688	7.30	7.50	688	7.44	688	5.85
NEW YORK CANAL (B. OF C.)	164734	5.23	164729	5.33	5.51	164617	5.21	164617	5.65
PARMA						602	12.40	602	11.60

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

CHART NO. 8

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

ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971
236	5.14	236	4.75	236	5.66	236	3.87
1068	7.53	1068	7.22	1068	8.65	1068	7.18
763	5.92	763	8.24	763	7.92	763	8.41
200	2.23	200	16.05	200	20.50	200	24.83
1828	5.71	1828	6.08	1828	5.77	1828	6.69
2729	7.01	2729	7.46	2729	6.40	2729	6.43
424	8.19	424	7.21	424	0	424	0
1057	4.21	1057	7.17	1057	4.82	1057	8.64
3960	4.37	3960	3.88	3960	3.54	3960	3.91
802	11.89	802	4.81	802	4.15	802	3.90
4007	5.60	4007	14.04	4007	13.78	4007	15.09
600	3.57	600	6.16	600	6.83	600	6.51
259	4.78	259	4.55	259	4.07	259	3.70
634	7.38	634	5.03	634	3.21	634	2.60
			6.50		6.37		5.93
(LISTED INDIVIDUALLY)							
1800	4.70	1800	5.87	1800	5.93	1800	5.69
2625	13.82	2625	11.83	2625	12.55	2625	12.78
8300	5.94	8300	6.34	8300	6.41	8300	6.78
200	3.24	200	3.38	200	2.67	200	1.47
750	5.73	867	3.84	867	4.68	867	4.71
453	12.75	453	9.67	453	8.17	453	6.14
945	14.72	945	16.92	945	16.77	945	13.73
300	9.93	300	5.01	300	7.25	300	2.80
1286	7.09	1286	10.91	1286	12.86	1286	10.08
880	12.83	880	9.86	880	10.99	880	10.65
536	4.53	536	4.49	536	5.23	536	4.82
80	13.93	80	10.18	80	9.48	80	4.65
168	6.92	468	2.96	468	3.64	468	4.32
1600	6.77	1600	8.06	1600	9.56	1600	8.24
168	7.98	168	9.31	168	6.88	168	6.62
90	6.80	90	7.67	90	9.40	73	7.81
						26	9.62
5180	5.62	5180	5.99	5180	6.35	5180	5.98
4400	4.80	4400	5.11	4400	5.41	4400	5.10
957	6.38	2610	3.82	763	3.12	763	3.47
3059	6.53	3059	7.11	3059	6.25	3059	6.44
688	7.44	688	5.85	688	5.82	688	6.50
164617	5.21	164617	5.65	164617	5.38	164617	5.76
602	12.40	602	11.60	602	14.42	602	13.96

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY

FOR EACH IRRIGATION SEASON FROM 1947
(ACREAGE TAKEN FROM CHART NO. 9)

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969
PENITENTIARY	321	7.79	433	6.02	4.51	321	6.59	321	6.21
PHYLLIS	24362	5.53	24362	5.83	5.13	24362	4.35	24362	5.41
PIONEER DIXIE	2030	10.42	2030	11.52	11.92	2030	12.20	3000	7.81
RIDENBAUGH	26747	6.65	26877	6.34	6.48	26877	6.30	26877	6.55
RIVERSIDE	10645	4.83	10645	5.18	5.36	10645	5.10	10645	4.82
ROEDEL						160	11.13	160	3.81
ROSSI MILL	500	6.94	500	6.48	6.46	500	6.16	500	6.96
SEBREE (FARMERS CO-OP)	15500	6.23	15500	7.93	6.82	15500	6.53	15500	6.07
SETTLERS	12282	4.14	12282	4.67	4.27	12282	4.19	12282	4.23
SEVEN SUCKERS						70	19.00	70	11.26
SIEBENBERG	646	6.07	646	8.53	6.63	646	5.78	646	6.78
THURMAN MILL	1799	5.78	1799	5.67	5.84	1799	5.67	1799	6.43
UPPER CENTER POINT	641	9.05	641	10.63	8.22	641	8.61	641	8.09
WARM SPRINGS DITCH						494	5.18	494	4.28
TOTALS	307955	5.69	308604	5.88	5.79	314578	5.58	318135	5.88

* FRANKLIN DITCH COMPANY AND MASON CREEK DITCH COMPANY LANDS ONLY. THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE IS IRRIGATED WITH 1947 THRU 1964 CAN BE FOUND IN PREVIOUS ANNUAL REPORTS.

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

SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

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

CHART NO. 8

ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971
321	6.59	321	6.26	321	7.30	321	8.69
24362	4.35	24362	5.44	24362	5.26	24362	5.26
2030	12.20	3000	7.87	3000	7.90	3000	7.60
26877	6.30	26877	6.59	26877	6.53	26877	6.58
10645	5.10	10645	4.82	10645	4.09	10645	5.43
160	11.13	160	3.81	160	3.80	160	5.00
500	6.16	500	6.96	500	6.42	500	6.86
13300	6.53	15500	6.07	15500	5.92	15500	6.15
12282	4.19	12282	4.23	12282	4.51	12282	4.59
70	19.00	70	11.26	70	9.49	70	10.89
646	5.78	646	6.78	646	7.36	646	5.12
1799	5.67	1799	6.43	1799	5.06	1799	5.36
641	8.61	641	8.09	641	8.30	641	7.95
494	5.18	494	4.28	494	3.09	494	3.92
314378	5.58	318135	5.88	316288	5.72	316297	5.95

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

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 9

AIKEN.....	236 ACRES	MEEVES #1.....	73 ACRES
ANDREWS.....	1,068 "	MEEVES #2.....	26 "
BALLENTYNE.....	763 "	MIDDLETON MILL.....	4,400 "
BAXTER.....	200 "	MIDDLETON WATER.....	5,180 "
BOISE CITY.....	1,828 "	MISCELLANEOUS.....	763 "
BOISE VALLEY.....	2,729 "	NEW DRY CREEK.....	3,059 "
BOONE.....	517 "	NEW UNION.....	688 "
BOWMAN & SWISHER.....	424 "	NEW YORK	
BUBB (SOUTH BOISE MUTUAL).....	1,057 "	BIG BEND IRRIG. DIST.....	1,724 "
*CALDWELL HIGH LINE.....	13,960 "	BOISE-KUNA IRRIG. DIST.....	48,339 "
CAMPBELL.....	802 "	NAMPA & MERIDIAN IRRIG. DIST.....	40,344 "
CANYON COUNTY.....	4,007 "	NEW YORK IRRIG. DIST.....	17,629 "
CAPITAL VIEW.....	600 "	WILDER IRRIG. DIST.....	56,581 "
CONWAY-HAMMING.....	259 "	TOTAL - BOARD OF CONTROL.....	164,617 ACRES
DAVIS & LITTLE DAVIS.....	634 "	PARMA DITCH CO.....	602 "
EUREKA WATER CO. #1.....	1,800 "	PENITENTIARY.....	321 "
EUREKA DITCH CO. #2.....	2,625 "	PIONEER IRRIG. DIST.....	24,362 "
FARMERS UNION.....	8,300 "	PIONEER DIXIE.....	3,000 "
GRAHAM & GILBERT.....	200 "	RIDENBAUGH.....	26,877 "
HAAS.....	867 "	RIVERSIDE IRRIG. DIST.....	10,645 "
HART & DAVIS.....	453 "	ROEDEL.....	160 "
ISLAND HIGH LINE.....	945 "	ROSSI MILL.....	500 "
LEMP DITCH.....	300 "	SEBREE.....	15,500 "
LITTLE PIONEER.....	1,286 "	SEVEN SUCKERS.....	70 "
LOWER CENTER POINT.....	880 "	SETTLERS.....	12,282 "
MACE & CATLIN.....	536 "	SIEBENBERG.....	646 "
MACE & MACE.....	80 "	THURMAN MILL.....	1,799 "
MAMMON.....	468 "	UPPER CENTER POINT.....	641 "
MCCONNEL ISLAND.....	1,600 "	WARM SPRINGS DITCH.....	494 "
MCMANUS & TEATER.....	168 "		
		TOTAL.....	326,297 ACRES

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

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

GRAND TOTAL..... 334,586 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.

* 9960 ACRES ARE WATERED WITH LIVE WATER. THE BALANCE OF THE WATER COMES FROM FIVE MILE CREEK AND MASON DRAIN.

BOISE RIVER STORAGE ACCOUNTS - 1971 - IN ACRE

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	USED JULY	BALANCE	USED AUGUST	BALANCE	USED SEPTEMBER
BALLENTYNE	0	376	1245	1621	8	1613	204	1409	0
BOISE CITY	0	0	958	958	0	958	144	814	210
BOISE VALLEY	0	961	2395	3356	0	3356	324	3032	0
BUBB (SOUTH BOISE MUTUAL)	0	543	479	1022	0	1022	0	1022	0
CANYON COUNTY	0	0	5748	5748	0	5748	626	5122	692
CAPITAL VIEW	0	460	287	747	0	747	116	631	92
DAVIS	0	0	1437	1437	0	1437	94	1343	82
EAGLE ISLAND CANALS	0	0	7329	7329	0	7329	62	7267	122
EUREKA #1	0	0	2682	2682	0	2682	382	2300	0
FARMERS UNION	2874	5727	9580	18181	0	18181	2970	15211	1964
LITTLE PIONEER	0	2174	479	2653	180	2473	716	1757	504
MIDDLETON	0	0	10538	10538	26	10512	1090	9422	0
NEW DRY CREEK	0	1296	2874	4170	0	4170	774	3396	308
NEW UNION	0	0	1341	1341	0	1341	164	1177	82
NEW YORK	*249464	*354602	0	604066	40306	563760	159466	404294	121016
PHYLLIS	21018	25582	15328	61928	2240	59688	16324	43364	6360
RIDENBAUGH	**8206	**18969	33590	60705	360	60345	7544	52801	7584
ROSSI MILL	0	0	671	671	0	671	42	629	38
SEBREE	1227	0	0	1227	0	1227	0	1227	0
SETTLERS	***3128	***7310	9580	20018	570	19448	3438	16010	1970
THURMAN MILL	0	0	766	766	0	766	0	766	0
OMER ANDERSON	6	0	0	6	2	4	2	2	2
BOISE CASCADE	160	0	0	160	16	144	66	78	52
FISH & GAME DEPT.	0	0	47900	47900	0	47900	0	47900	0
DALLAS HARRIS	95	0	0	95	14	81	18	63	0
KROEGER DITCH	162	0	0	162	30	132	68	64	52
LUCKY PEAK NURSERY	200	0	0	200	****22	178	14	164	10
MEEVES #2	24	0	0	24	8	16	16	0	0
PECORA DITCH	36	0	0	36	8	28	14	14	14
POWER	0	5200	0	5200	0	5200	0	5200	0
UNCONTRACTED LUCKY PEAK SPACE	0	0	111366	111366	0	111366	0	111366	0
TOTALS	286600	423200	266513	976313	43790	932523	194678	737845	141154

- * LESS 1350 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO SETTLERS AND LESS 4374 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO RIDENBAUGH
 ** LESS 3832 ACRE FEET OF ANDERSON STORAGE TRANSFERRED TO RIDENBAUGH AND LESS 1500 ACRE FEET OF ANDERSON STORAGE TRANSFERRED TO SETTLERS
 *** RIDENBAUGH ARROWROCK STORAGE INCREASED BY 4374 ACRE FEET AND RIDENBAUGH ANDERSON STORAGE INCREASED BY 3832 ACRE FEET TO IRRIGATE GOVERNMENT
 **** SETTLERS ARROWROCK STORAGE INCREASED BY 1350 ACRE FEET AND SETTLERS ANDERSON STORAGE INCREASED BY 1500 ACRE FEET TO IRRIGATE GOVERNMENT
 ***** LUCKY PEAK NURSERY ACCUMULATED STORAGE USE FOR APRIL, MAY, JUNE & JULY.

FISH AND GAME STORAGE TO BE RUN DURING WINTER MONTHS.

IVER STORAGE ACCOUNTS - 1971 - IN ACRE FEET

CHART NO. 10

CE	USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 15-1971	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER	ARROWROCK BALANCE NO CARRYOVER
13	204	1409	0	1409	0	1409	212	164	1245	0
58	144	814	210	604	0	604	354	0	604	0
56	324	3032	0	3032	0	3032	324	637	2395	0
22	0	1022	0	1022	0	1022	0	343	479	0
48	626	5122	692	4430	0	4430	1318	0	4430	0
47	116	631	92	539	0	539	208	252	287	0
37	94	1343	82	1261	0	1261	176	0	1261	0
29	62	7267	122	7145	0	7145	184	0	7145	0
82	382	2300	0	2300	0	2300	382	0	2300	0
81	2970	15211	1964	13247	0	13247	4934	3667	9580	0
73	716	1757	504	1253	0	1253	1400	774	479	0
12	1090	9422	0	9422	0	9422	1116	0	9422	0
70	774	3396	308	3088	0	3088	1082	214	2874	0
141	164	1177	82	1095	0	1095	246	0	1095	0
760	159466	404294	121016	283278	38712	244566	359500	244566	0	0
588	16324	43364	6360	37004	0	37004	24924	21676	15328	0
143	7544	52801	7584	45217	0	45217	15488	11687	33530	0
671	42	629	38	591	0	591	80	0	591	0
227	0	1227	0	1227	0	1227	0	0	0	0
448	3438	16010	1970	14040	450	13590	6428	4010	9580	1227
766	0	766	0	766	0	766	0	0	766	0
4	2	2	2	0	0	0	6	0	0	0
144	66	78	52	26	26	0	160	0	0	0
900	0	47900	0	47900	0	47900	0	0	47900	0
81	18	63	0	63	0	63	32	0	0	63
132	68	64	52	12	12	0	162	0	0	0
178	14	164	10	154	0	154	46	0	0	0
16	16	0	0	0	0	0	24	0	0	154
28	14	14	14	0	0	0	36	0	0	0
200	0	5200	0	5200	0	5200	0	5200	0	0
366	0	111366	0	111366	0	111366	0	0	111366	0
323	194678	737845	141154	596691	39200	557491	418822	293390	262657	1444

ARROWROCK STORAGE TRANSFERRED TO RIDENBAUGH TO IRRIGATE GOVERNMENT LANDS. INCREASED BY 22,317 ACRE FEET OF HILLCREST STORAGE.
 OF ANDERSON STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS.
 INCREASED BY 3832 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.
 ASSED BY 1500 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

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

ANDERSON

BOISE-KUNA IRRIGATION DISTRICT	112,149	26.83
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
BIG BEND IRRIGATION DISTRICT	3,867	.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	100.00
TOTAL	418,000	
POWER	5,000	

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

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

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FE
FOR IRRIGATION SEASON OF 1971

NAME OF TRIBUTARY	APRIL																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BOISE SEWER	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
CONWAY GULCH	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
DIXIE DRAIN	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123
DRAINAGE DISTRICT #3	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
EAGLE DRAIN	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
FISH HATCHERY WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
FIVE MILE CREEK	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
HARTLEY DRAIN	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
HARTLEY GULCH	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
INDIAN CREEK	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144
MASON CREEK	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
MASON DRAIN	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
NORTH MIDDLETON DRAIN	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
SOUTH MIDDLETON DRAIN	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
THURMAN DRAIN	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
WILLOW CREEK	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
TOTALS	740	740	740	740	740	740	740	740	740	740	740	740	740	740	742	744	746	750
NAME OF TRIBUTARY	MAY																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BOISE SEWER	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
CONWAY GULCH	32	32	31	31	31	31	34	36	39	41	44	46	49	52	54	57	60	63
DIXIE DRAIN	143	142	142	141	141	141	140	140	139	139	138	138	147	156	165	174	182	191
DRAINAGE DISTRICT #3	10	10	11	12	12	13	14	14	15	15	15	15	15	15	15	14	14	14
EAGLE DRAIN	29	31	34	36	38	40	42	44	46	48	49	50	52	53	54	55	56	56
FISH HATCHERY WELLS	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
FIVE MILE CREEK	47	52	57	62	67	73	78	83	88	93	98	98	97	97	96	96	95	94
HARTLEY DRAIN	35	36	37	38	39	42	45	48	51	54	57	60	63	66	69	72	75	78
HARTLEY GULCH	25	26	27	28	29	29	29	29	29	29	29	30	30	30	30	30	30	31
INDIAN CREEK	112	109	106	102	99	96	93	89	86	83	80	77	78	77	76	76	75	73
MASON CREEK	25	24	24	23	23	23	22	22	22	21	21	21	22	22	22	23	23	24
MASON DRAIN	69	72	76	80	83	87	91	95	98	102	106	110	113	117	121	124	128	132
NORTH MIDDLETON DRAIN	70	71	72	73	74	75	76	77	78	79	80	79	79	78	78	77	77	77
SOUTH MIDDLETON DRAIN	105	106	108	109	111	113	114	115	116	118	119	126	132	139	145	152	159	166
THURMAN DRAIN	17	18	19	20	21	22	23	24	25	26	27	27	27	27	26	26	26	27
WILLOW CREEK	44	43	42	40	39	38	36	35	34	32	31	31	32	32	32	33	33	36
TOTALS	781	790	804	812	824	840	854	868	883	897	911	925	953	978	1000	1027	1051	1074

RETURN FLOW TO BOISE RIVER IN SECOND FEET
OR IRRIGATION SEASON OF 1971

CHART NO. 12

APRIL

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
2	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	399
3	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	898
8	28	28	29	29	30	30	31	31	32	33	33	33	33	33	33	32	32	32	32	3882
3	123	123	124	126	127	129	130	132	133	135	136	137	138	140	142	144	144	143	143	270
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	590
9	19	19	19	19	19	19	19	19	19	19	19	19	19	19	21	23	25	27	27	90
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1909
72	72	72	72	72	72	72	72	72	67	62	57	52	46	41	36	31	36	41	41	900
29	29	29	29	29	29	29	29	29	29	30	30	31	32	32	33	34	34	35	35	493
5	15	15	15	15	15	15	15	15	15	16	17	18	19	20	21	22	23	24	24	4176
14	144	144	144	144	144	144	144	144	144	140	137	134	131	128	125	122	119	116	116	615
19	19	19	19	19	19	19	19	19	20	21	22	23	23	24	25	26	26	25	25	1452
44	44	44	44	44	44	44	44	44	46	49	51	54	56	59	62	65	65	65	65	1819
59	59	59	59	59	59	59	59	59	59	60	61	62	63	64	66	67	68	69	69	2765
90	90	90	90	90	90	90	90	90	90	91	93	94	96	97	99	100	102	103	103	370
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	14	15	16	16	1751
61	61	61	61	61	61	61	61	61	61	59	58	56	54	52	50	48	47	46	46	22381
40	740	740	742	744	746	748	750	752	752	753	752	751	748	747	752	754	762	768	768	

MAY

15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	481
46	49	52	54	57	60	63	66	66	66	65	65	64	63	63	62	61	61	60	59	1584
38	147	156	165	174	182	191	200	209	218	227	235	244	253	262	271	280	289	298	307	5992
15	15	15	15	14	14	14	14	14	13	13	13	13	13	13	12	12	12	12	12	409
50	52	53	54	55	56	56	56	56	55	55	55	55	55	54	54	53	53	53	52	1519
2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	72
98	97	97	96	96	95	94	94	93	92	92	91	90	90	91	93	94	95	97	98	2681
60	63	66	69	72	75	78	78	77	77	76	76	76	75	75	75	74	74	74	73	1945
30	30	30	30	30	30	30	31	32	33	34	35	36	37	38	40	41	42	43	45	1006
77	78	77	76	76	75	74	73	73	72	71	69	68	68	67	69	71	74	76	78	2517
21	22	22	22	23	23	23	24	24	25	25	25	26	26	26	25	25	25	24	24	730
10	113	117	121	124	128	132	136	140	143	147	150	154	158	158	158	158	158	158	158	3780
79	79	78	78	77	77	76	77	78	79	80	81	81	82	83	84	84	85	86	87	2436
26	132	139	145	152	159	166	167	169	170	171	173	174	175	177	178	179	181	182	183	4532
27	27	27	26	26	26	26	27	27	28	28	29	30	30	30	30	30	30	30	30	806
31	32	32	32	33	33	33	36	39	42	45	48	51	54	57	60	63	66	69	72	1342
25	953	978	1000	1027	1051	1074	1097	1115	1131	1147	1163	1180	1198	1213	1230	1244	1264	1281	1297	31832

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FE
FOR IRRIGATION SEASON OF 1971

NAME OF TRIBUTARY	JUNE																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BOISE SEWER	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18
CONWAY GULCH	59	58	57	57	56	55	55	54	53	53	53	54	54	54	55	55	55	56
DIXIE DRAIN	316	325	333	326	319	312	305	299	292	286	279	273	266	260	253	247	249	251
DRAINAGE DISTRICT #3	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13
EAGLE DRAIN	52	51	51	51	50	50	50	51	51	52	52	53	53	54	54	55	55	56
FISH HATCHERY WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
FIVE MILE CREEK	99	101	102	104	105	106	108	109	108	107	106	105	104	102	101	100	99	98
HARTLEY DRAIN	73	73	73	73	73	73	72	72	72	72	71	71	71	71	71	72	73	73
HARTLEY GULCH	46	47	46	44	43	41	40	38	37	35	34	32	31	29	28	29	30	30
INDIAN CREEK	80	83	85	87	89	92	94	96	98	106	114	121	129	136	144	152	160	167
MASON CREEK	23	23	22	22	22	21	21	21	22	23	24	24	25	26	27	28	28	29
MASON DRAIN	158	159	159	159	159	159	159	159	158	157	156	156	155	154	153	153	152	151
NORTH MIDDLETON DRAIN	87	88	86	83	80	78	75	72	70	67	65	62	60	57	55	56	57	57
SOUTH MIDDLETON DRAIN	185	186	183	181	179	176	173	170	167	164	162	159	156	154	151	152	154	155
THURMAN DRAIN	30	30	30	30	30	30	30	30	29	29	28	28	27	27	26	25	25	24
WILLOW CREEK	75	78	74	70	67	63	59	56	52	48	45	41	38	34	31	33	35	37
TOTALS	1315	1334	1333	1319	1304	1288	1273	1260	1242	1232	1222	1212	1202	1191	1182	1190	1206	1218

NAME OF TRIBUTARY	JULY																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BOISE SEWER	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
CONWAY GULCH	58	58	58	58	58	58	58	58	58	58	58	58	59	59	59	59	60	60
DIXIE DRAIN	282	272	262	252	242	232	222	212	202	191	181	171	161	151	161	172	182	203
DRAINAGE DISTRICT #3	12	12	12	12	12	13	13	13	13	13	13	13	13	12	12	11	11	10
EAGLE DRAIN	60	60	61	61	61	61	61	61	61	60	60	60	59	59	59	59	58	58
FISH HATCHERY WELLS	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
FIVE MILE CREEK	83	82	80	79	78	77	76	82	88	94	99	105	111	117	123	128	134	146
HARTLEY DRAIN	83	82	81	80	79	78	77	76	75	74	73	72	71	71	70	70	69	68
HARTLEY GULCH	38	38	37	37	37	36	36	35	35	34	34	32	32	32	32	32	32	32
INDIAN CREEK	147	140	133	125	118	111	104	97	94	91	88	85	82	79	76	73	70	65
MASON CREEK	36	37	37	37	38	38	38	38	38	38	38	38	38	38	38	38	38	38
MASON DRAIN	145	145	145	145	144	144	144	147	150	153	156	159	162	165	168	171	174	180
NORTH MIDDLETON DRAIN	64	63	62	61	60	59	58	56	55	54	53	52	51	51	50	50	49	49
SOUTH MIDDLETON DRAIN	175	173	170	168	165	163	160	158	155	153	150	148	145	144	143	143	142	140
THURMAN DRAIN	25	25	25	25	26	26	26	26	25	25	24	24	23	23	23	22	22	21
WILLOW CREEK	62	59	56	52	49	46	43	39	36	33	30	26	23	23	22	21	21	19
TOTALS	1291	1267	1240	1213	1188	1163	1136	1118	1105	1091	1077	1063	1050	1044	1056	1069	1083	1109

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECO
FOR IRRIGATION SEASON OF 1971

NAME OF TRIBUTARY	AUGUST																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BOISE SEWER	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19
CONWAY GULCH	59	59	59	59	59	59	59	59	58	58	58	58	57	57	57	56	56
DIXIE DRAIN	297	295	293	290	288	286	283	281	279	276	274	272	270	267	265	262	256
DRAINAGE DISTRICT #3	9	9	9	10	10	11	11	12	12	12	12	12	12	12	12	12	12
EAGLE DRAIN	55	55	55	55	56	56	56	57	57	57	58	58	58	59	59	59	59
FISH HATCHERY WELLS	3	3	3	2	3	2	3	2	3	2	3	2	3	2	3	3	2
FIVE MILE CREEK	124	121	118	113	108	103	98	93	88	83	79	74	69	64	59	54	49
HARTLEY DRAIN	65	65	66	66	67	67	68	68	69	69	69	69	69	70	70	70	71
HARTLEY GULCH	29	28	27	26	25	23	22	21	20	19	18	19	19	20	20	20	21
INDIAN CREEK	122	128	135	141	142	143	144	144	145	145	146	146	147	148	149	149	151
MASON CREEK	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
MASON DRAIN	184	184	184	184	185	186	187	188	189	190	191	192	193	194	195	196	198
NORTH MIDDLETON DRAIN	49	49	50	50	50	51	51	52	52	53	53	52	51	50	49	48	45
SOUTH MIDDLETON DRAIN	132	132	132	133	133	133	134	134	135	135	135	136	137	137	138	139	140
THURMAN DRAIN	23	23	23	23	23	23	24	24	24	25	25	25	25	26	26	26	26
WILLOW CREEK	13	13	13	12	12	12	11	11	10	10	10	10	9	9	8	8	7
TOTALS	1215	1214	1217	1214	1211	1205	1200	1196	1190	1185	1182	1176	1170	1166	1161	1154	1139

NAME OF TRIBUTARY	SEPTEMBER																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BOISE SEWER	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
CONWAY GULCH	68	69	69	70	70	71	71	71	72	72	73	73	74	74	75	74	72
DIXIE DRAIN	239	239	239	240	240	241	241	242	242	242	242	243	243	243	244	244	244
DRAINAGE DISTRICT #3	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
EAGLE DRAIN	57	56	55	54	53	52	51	50	49	48	47	46	45	45	46	46	47
FISH HATCHERY WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
FIVE MILE CREEK	132	132	132	132	131	131	131	130	130	130	130	129	129	129	128	127	125
HARTLEY DRAIN	70	70	69	69	69	69	68	68	68	68	68	67	67	67	66	66	65
HARTLEY GULCH	30	31	32	33	34	35	36	37	38	39	39	39	39	38	38	38	37
INDIAN CREEK	229	233	237	241	244	248	252	256	260	263	267	271	275	279	283	286	298
MASON CREEK	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	27
MASON DRAIN	176	177	179	180	181	183	185	186	187	189	190	191	193	194	195	196	197
NORTH MIDDLETON DRAIN	45	46	47	48	49	50	51	52	53	54	53	52	49	48	47	45	42
SOUTH MIDDLETON DRAIN	145	145	144	144	144	144	144	144	144	144	144	144	144	144	144	145	145
THURMAN DRAIN	27	27	27	27	27	27	27	27	27	27	27	27	27	27	26	26	25
WILLOW CREEK	17	19	20	22	23	25	26	27	29	30	30	31	31	32	32	33	34
TOTALS	1296	1305	1311	1321	1326	1337	1344	1352	1360	1367	1371	1376	1377	1382	1386	1390	1391

CHART NO. 12

AUGUST

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	580
58	57	57	57	57	56	56	56	57	58	59	60	61	62	62	63	64	65	66	67	1844
72	270	267	265	262	261	256	253	251	248	246	243	241	238	236	236	237	237	238	238	8137
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	357
58	58	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	58	1794
2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	73
74	69	64	59	54	49	44	50	56	63	69	75	82	88	94	101	107	114	120	126	2686
69	69	70	70	70	71	71	71	71	71	72	72	72	72	72	72	71	71	71	70	2154
19	19	20	20	20	21	21	21	22	22	22	23	23	23	24	25	26	27	28	29	713
46	147	148	149	149	150	151	156	162	167	173	178	184	189	195	200	206	211	217	223	5036
32	32	32	32	32	32	32	32	31	31	30	30	29	29	28	28	28	27	27	26	953
92	193	194	195	196	197	198	197	195	194	192	190	188	186	185	183	182	180	179	177	5845
52	51	50	49	48	47	45	44	43	42	41	40	39	38	39	40	41	42	43	44	1438
36	137	137	138	139	140	140	141	142	142	143	144	144	145	145	145	145	145	145	145	4306
25	25	26	26	26	26	26	26	26	26	26	26	26	27	27	27	27	27	27	27	785
10	9	9	8	8	8	7	7	6	6	6	5	5	5	7	9	11	13	14	16	296
76	1170	1166	1161	1154	1149	1139	1146	1154	1162	1171	1178	1186	1194	1206	1221	1237	1251	1267	1280	36997

SEPTMBER

19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	18	18	18	18	566
73	74	74	75	75	74	72	60	69	67	65	64	62	60	59	57	56	54	53	2019
43	243	243	243	244	244	244	244	245	245	245	245	245	245	245	245	244	244	244	7287
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	387
46	45	45	45	46	46	47	47	48	48	48	49	49	49	50	50	50	50	50	1480
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	90
30	129	129	129	128	127	126	125	124	123	123	122	121	120	119	118	117	117	117	3786
68	67	67	67	66	66	66	65	65	65	65	64	63	61	60	59	58	56	55	1959
39	39	39	38	38	38	38	37	37	37	37	36	35	35	34	34	33	33	32	1073
71	275	279	283	286	290	294	298	302	306	310	314	317	321	325	329	333	337	337	8537
26	26	26	26	26	26	26	27	27	27	27	28	28	28	29	29	29	29	29	805
91	193	194	195	195	196	196	197	197	198	198	199	199	200	200	201	201	201	201	5765
52	49	48	47	45	44	43	42	40	39	38	38	38	38	38	39	39	39	39	1343
44	144	144	144	144	145	145	145	145	145	145	145	145	145	145	145	145	145	144	4335
27	27	27	27	26	26	26	25	25	24	24	24	23	23	23	22	22	22	22	762
31	31	32	32	32	33	33	34	34	35	35	34	33	32	30	29	28	26	25	867
6	1377	1382	1386	1386	1390	1391	1381	1393	1394	1395	1397	1393	1392	1392	1391	1388	1386	1381	4106

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECC
FOR IRRIGATION SEASON OF 1971

NAME OF TRIBUTARY	OCTOBER																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BOISE SEWER	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	
CONWAY GULCH	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	
DIXIE DRAIN	243	243	243	242	242	242	242	242	242	242	242	242	242	242	242	242	
DRAINAGE DISTRICT #3	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
EAGLE DRAIN	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
FISH HATCHERY WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
FIVE MILE CREEK	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	
HARTLEY DRAIN	54	52	51	50	48	47	47	47	47	47	47	47	47	47	47	47	
HARTLEY GULCH	31	31	30	29	29	28	28	28	28	28	28	28	28	28	28	28	
INDIAN CREEK	337	337	337	337	337	337	337	337	337	337	337	337	337	337	337	337	
MASON CREEK	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
MASON DRAIN	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201	
NORTH MIDDLETON DRAIN	39	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
SOUTH MIDDLETON DRAIN	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	
THURMAN DRAIN	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
WILLOW CREEK	24	22	21	20	18	17	17	17	17	17	17	17	17	17	17	17	
TOTALS	1342	1339	1336	1332	1328	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1324	

Nov 11, 1971

Boise Sewer
Conway Gulch
Dixie Drain
DD #3
Eagle
Five Mile
Hartley Drain
Hartley Gulch
Indian Creek
Mason Creek
Mason Drain
N. Middleton
S. Middleton
Thurman
Willow Creek

26
4
17
63
32
27.0
98
71
17
3

CHART NO. 12

OK 71000 8

[illegible]

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 13

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

JULY 1, 1971 THRU OCTOBER 15, 1971

	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTALS
BOISE RIVER AT DIVERSION DAM	353624	282378	203282	76862	916146
TRIBUTARY GAIN	71074	73994	82122	39852	267042
TOTAL AVAILABLE	424698	356372	285404	116714	1183188
DELIVERIES TO CANALS	350784	350788	260028	89340	1050940
NET TRIBUTARY GAIN	73915	5584	25376	27374	132248

CHART NO. 15

[illegible]

CHART NO. 15

[illegible]

CHART NO. 16

[illegible]

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

[illegible]

CHART NO. 16

[illegible]

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

[illegible]

SUMMARY TABLE IN SECOND FEET

CHART NO. 17

SHOWING AVERAGE DAILY RETURN FLOW TO BOISE RIVER

FOR LAST 15 YEARS

MONTH	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
APRIL	694	769	700	570	377	440	638	532	849	1003	345	289	592	457	775
MAY	1569	1110	1562	1879	1007	1254	894	1179	776	1226	702	927	1016	1063	1112
JUNE	1300	1601	1213	1461	998	946	1505	1625	1386	1416	682	1017	1181	1205	1369
JULY	1329	1266	1162	1318	878	1143	1180	1227	1327	1088	802	1086	947	1107	1259
AUGUST	1337	1288	1484	1510	817	1164	1225	1412	1520	1064	867	1055	1010	1197	1294
SEPTEMBER	1338	1425	1379	1442	1096	1299	1481	1475	1430	1169	735	910	1048	1345	1472
OCTOBER								1277	2922	1152	672	1028	1065	1136	1384
AVERAGE	1261	1243	1250	1363	862	1041	1154	1247	1459	1160	686	902	980	1073	1238

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

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

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

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

DRAINAGE DISTRICT NO. 3

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

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

DRAINAGE DISTRICT NO. 4

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

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

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF REC. FILE NO.
				SEC. FT.	INCHES	
66-A	4-1-1878	J. S. KRAUS	BALLENTYNE	.80	40	373
129-A	4-1-1897	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

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF D

	POINT OF DIVERSION		DATE OF CHANGE	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES
	FROM	TO		NO.	DATE		
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				
32	DAVIS	DAVIS DITCH	7-15-1919	119	6-1-91	30	50
35	PIONEER DIXIE	RIVERSIDE	4-3-1919			160	27
36	CANYON COUNTY	MIDDLETON WATER	4-12-1918	35	6-1-67		100
38	HART & DAVIS	SEVEN SUCKERS	9-24-1915	57	6-1-72		19
39	HART & DAVIS	SEVEN SUCKERS	6-12-1918	57	6-1-72		52
48	PIONEER DIXIE	PIONEER DIXIE	9-26-1919				
50	LOWER CENTER POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-65		144
51	LOWER CENTER POINT	BOWMAN & SWISHER	3-31-1920	20	6-1-65		320
54	CANYON COUNTY	MIDDLETON MILL	4-24-1920	35	6-1-67		55
57	MIDDLETON WATER	BALLENTYNE	12-2-1920	65	6-1-77	35	30
59	KENNEDY	CANYON COUNTY	3-18-1921	31	6-1-66		130
61	KENNEDY & LAWRENCE	MIDDLETON WATER	6-22-1921	31-B	6-1-66		30
64	BALLENTYNE	DRY CREEK	12-21-1921	102	6-1-88		10
75	MIDDLETON MILL	CANYON COUNTY	11-25-1924				25
76	SETTLERS	SETTLERS	3-12-1925	85-B	4-1-83		50
77	BUBB	BAHLER	4-26-1925	8-A	4-1-65	80	40
77	BUBB	BAHLER	4-26-1925	47-A	4-1-70		40
83	WARM SPRINGS	SETTLERS	4-29-1926	85-A	6-1-82		36
84	MIDDLETON WATER	FARMERS UNION	3-9-1926	65	6-1-77		40
85	UPPER CENTER POINT	EUREKA NO. 2	5-7-1926				25
91	BALLENTYNE	DRY CREEK	6-23-1926	103			32
103	PARMA DITCH	PARMA DITCH	10-3-1928				
126	LAWRENCE & KENNEDY	MIDDLETON WATER	3-25-1931	31-A	6-1-66		115
127	BOWMAN & SWISHER	LARSEN, BAXTER & LEMP	8-15-1930		6-1-65		40
131	EUREKA NO. 2	LOWER CENTER POINT	1-16-1932	89	11-9-83		35
140	BALLENTYNE	NEW DRY CREEK	4-23-1934	85-D	5-1-83		3
141	FISCHER POWER	FISCHER POWER	12-18-1934		7-9-12		
147	MIDDLETON MILL	CANYON COUNTY	1-8-1936		6-1-67		10
148	PIONEER DIXIE	UPPER CENTER POINT NO. 1	4-17-1936	96	10-1-87		75
151	NEW DRY CREEK	BALLENTYNE	2-18-1937		5-1-93		6.75
152	BAHLER DITCH	RIDENBAUGH	5-15-1937	47-A	4-1-70		40
153	REIN-KEOGH-BAHLER	RIDENBAUGH	5-15-1937		5-1-95		50
154	BAHLER DITCH	RIDENBAUGH	5-15-1937	8-A	4-1-65		40
159	UPPER CENTER POINT	EUREKA NO. 2	5-27-1939		6-1-65		5
161	BALLENTYNE	NEW DRY CREEK	5-5-1940	103	6-1-88		32
174	BALLENTYNE	NEW DRY CREEK	3-28-1944	103	6-1-88		12
175	RIVERSIDE	EUREKA	4-11-1944		6-1-83		85
176	MAMMON DITCH	HAAS DITCH	4-18-1944		6-1-78		440
179	CATLIN-MACE	SEVEN SUCKERS	3-31-1945	51	6-1-64		12
				52	6-1-71		
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-83		45
227	O'DONNELL	BOISE RIVER	12-17-54	114-A	5-1-89		80
243	EUREKA #2	LOWER CENTER POINT	6-30-58	89	11-9-83		30
243	RIVER	BOISE VALLEY	6-30-58		7-19-21		60
257	O'DONNELL DITCH	PARMA DITCH	10-10-62	114-B	5-1-89		40
287	EUREKA #2	LOWER CENTER POINT	1-18-66	89	11-9-83	70	70
289	EUREKA #2	UPPER CENTER POINT	3-10-66	89	11-9-83	25	25
234	ROBIE CREEK	MORES CREEK	12-20-61		10-28-06		200
305	MEEVES NO. 1	MEEVES NO. 2	6-10-68	53	6-1-71		90
1575	LAWRENCE & KENNEDY	LITTLE PIONEER	9-23-68	31-C	6-1-66	55	55

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

DIVERSION	TO	DATE OF CHANGE	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES	BY WHOM
			NO.	DATE			
	EUREKA NO. 2	4-2-1912	96	10-1-87	80		THOS. T. JOHNSTON
	PIONEER DIXIE	7-31-1912					ALBERT F. CLEMONS
	CANYON COUNTY	8-26-1918					J. C. HUGHES
	DAVIS DITCH	7-15-1919	119	6-1-91	50	50	ED DAVIS
	RIVERSIDE	4-3-1919				27	REBECCA BELL
	MIDDLETON WATER	4-12-1918	35	6-1-67	160	100	DRAPER & OTHERS
	SEVEN SUCKERS	9-24-1915	57	6-1-72		19	SHAFFER & OTHERS
	SEVEN SUCKERS	6-12-1918	57	6-1-72		52	GEORGE RAMBO
	PIONEER DIXIE	9-26-1919					JAS. D. RUARK
NT	BOWMAN & SWISHER	3-31-1920	19	6-1-65		144	JOHN S. SWISHER
NT	BOWMAN & SWISHER	3-31-1920	20	6-1-65		320	BIRD BOWMAN
	MIDDLETON MILL	4-24-1920	35	6-1-67		55 1/2	H. G. DUDLEY
	BALLENTYNE	12-2-1920	65	6-1-77	35	30	EDWARD MCCLINTICK
	CANYON COUNTY	3-18-1921	31	6-1-66		130	W. KENNEDY
NCE	MIDDLETON WATER	6-22-1921	31-B	6-1-66		30	MINNIE COUZENS
	DRY CREEK	12-21-1921	102	6-1-88		10	HARRY SEAVEY
	CANYON COUNTY	11-25-1924				25	DETWEED ETC. BANK
	SETTLERS	3-12-1925	85-B	4-1-83		50	JACOB BINGHAM
	BAHLER	4-26-1925	8-A	4-1-65	80	40	ADOLPH BAHLER
	BAHLER	4-26-1925	47-A	4-1-70		40	ADOLPH BAHLER
	SETTLERS	4-29-1926	85-A	6-1-82		36	LEO MARSTERS
	FARMERS UNION	3-9-1926	65	6-1-77		40	J. C. RALPH
POINT	EUREKA NO. 2	5-7-1926				25	J. C. BRUCE
	DRY CREEK	6-23-1926	103			32 1/2	IRA E. BARBER
	PARMA DITCH	10-3-1928					CHARLES JURRIES
NEDY	MIDDLETON WATER	3-25-1931	31-A	6-1-66		115	WM MUSSER
ER	LARSEN, BAXTER & LEMP	8-15-1930		6-1-65		40	WM BAXTER
	LOWER CENTER POINT	1-16-1932	89	11-9-83		35	R. E. MCGUIRE
	NEW DRY CREEK	4-23-1934	85-D	5-1-83		3	CHAS. H. SCHMELZER
	FISCHER POWER	12-18-1934		7-9-12			FISCHER POWER ONLY
	CANYON COUNTY	1-8-1936		6-1-67		10	CORA M. CLIFTON
	UPPER CENTER POINT NO. 1	4-17-1936	96	10-1-87		75	DORA GREER
	BALLENTYNE	2-18-1937		5-1-93		6.75	J. H. CONE
	RIDENBAUGH	5-15-1937	47-A	4-1-70		40	ADOLPH BAHLER
LER	RIDENBAUGH	5-15-1937		5-1-95		50	ADOLPH BAHLER
	RIDENBAUGH	5-15-1937	8-A	4-1-65		40	ADOLPH BAHLER
POINT	EUREKA NO. 2	5-27-1939		6-1-65		5	RAYMOND T. BRESHEARS
	NEW DRY CREEK	5-5-1940	103	6-1-88		32 1/2	SID BARBER
	NEW DRY CREEK	3-28-1944	103	6-1-88		12	FRANK M. RAY
	EUREKA	4-11-1944		6-1-83		85	WILBUR BRESHEARS
	HAAS DITCH	4-18-1944		6-1-78		440	CHARLOTTIE D. ALLEN
	SEVEN SUCKERS	3-31-1945	51	6-1-64		12	IDAHO FISH & GAME DEPT.
			52	6-1-71			
	BOWMAN & SWISHER	9-3-1954	89	11-9-83		45	J. E. HOUSTON
	BOISE RIVER	12-17-54	114-A	5-1-89		80	ARNOLD C. CRAWFORTH
	LOWER CENTER POINT	6-30-58	89	11-9-83		30	J. E. EKBERG
	BOISE VALLEY	6-30-58		7-19-21		60	MARIE ECHEVARRIA & I. N. KESSINGER
CM	PARMA DITCH	10-10-62	114-B	5-1-89		40	BERT L. TREDWAY
	LOWER CENTER POINT	1-18-66	89	11-9-83	70	70	JOHN E. EKBERG
	UPPER CENTER POINT	3-10-66	89	11-9-83	25	25	EARL GILES
	MORES CREEK	12-20-61		10-28-06		200	HARVEY BURNETT
	MEEVES NO. 2	6-10-68	53	6-1-71		90	CHARLES LITTLE
NEDY	LITTLE PIONEER	9-23-68	31-C	6-1-66	55	55	MILTON SPARKS

POINT OF DIVERSION OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 22

OF RES	QUANTITY IN INCHES	BY WHOM	REMARKS
80		THOS. T. JOHNSTON	
50	50	ALBERT F. CLEMONS	
	27	J. C. HUGHES	
160	100	ED DAVIS	
	19	REBECCA BELL	
	52	DRAPER & OTHERS	
		SHAFFER & OTHERS	
		GEORGE RAMBO	
	144	JAS. D. RUARK	TO INDIAN CREEK
	320	JOHN S. SWISHER	
	55½	BIRD BOWMAN	
35	30	H. G. DUDLEY	FOOTE & WISEMAN
	130	EDWARD MCCLINTICK	
	30	W. KENNEDY	
	10	MINNIE COUZENS	
	25	HARRY SEAVEY	
	50	DETWEED ETC. BANK	
80	40	JACOB BINGHAM	
	40	ADOLPH BAHLER	
	36	ADOLPH BAHLER	
	40	LEO MARSTERS	
	25	J. C. RALPH	
	32½	J. C. BRUCE	
		IRA E. BARBER	NOT APPROVED BY DITCH COMPANIES
	115	CHARLES JURRIES	SECRETARY (NEW DIVERSION POINT)
	40	WM MUSSER	
	35	WM BAXTER	
	3	R. E. MCGUIRE	
		CHAS. H. SCHMELZER	
	10	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
	75	CORA M. CLIFTON	
	6.75	DORA GREER	DECREED TO AMERICAN DITCH ASSOC.
	40	J. H. CONE	
	50	ADOLPH BAHLER	
	40	ADOLPH BAHLER	
	5	ADOLPH BAHLER	
	32½	RAYMOND T. BRESHEARS	
	12	SID BARBER	
	85	FRANK M. RAY	
	440	WILBUR BRESHEARS	
	12	CHARLOTTIE D. ALLEN	
		IDAHO FISH & GAME DEPT.	
	45	J. E. HOUSTON	
	80	ARNOLD C. CRAWFORTH	
	30	J. E. EKBERG	TO BE PUMPED FROM THE RIVER DIRECT
	60	MARIE ECHEVARRIA & I. N. KESSINGER	
	40	BERT L. TREDWAY	LICENSED WATER RIGHT #15242 FORMERLY DIVERTED FROM A SLOUGH
70	70	JOHN E. EKBERG	O'DONNELL DITCH WASHED AWAY
25	25	EARL GILES	
	200	HARVEY BURNETT	
	90	CHARLES LITTLE	
55	55	MILTON SPARKS	

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	
	FROM	TO	NO.	DATE			
34	SETTLERS	SETTLERS	92	10-17-84			
34	"	"	122	6-1-91	3-16-1909)	15	
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-16-1909)		
38	AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-87	4-19-1909	100	
45	SETTLERS	SETTLERS	92	10-17-84	9-1-1909	605	
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-70	2-5-1910	10	
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	2-4-1910	112	
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-18-1910	1475	
50	SETTLERS	SETTLERS	92	10-17-84	3-31-1910	210	
62	PIONEER DIXIE	EUREKA NO. 2	96	6-1-91	6-7-1910	20	
71	UPPER CENTER POINT	EUREKA NO. 2	24	6-1-65	11-14-1910	30	
105	SIEBENBERG	CANYON DITCH	9	6-1-65	3-14-1911	40	
111	EUREKA NO. 2	HILLCREST	96	10-1-87	9-18-1912	25	
111	PIONEER DIXIE	HILLCREST	8	9-1-64)	11-25-1912	60	
111	"	"	45	6-1-69)	11-25-1912)	1017	
136	JACOBS	FARMERS UNION	2	6-1-64	11-25-1912)		
219	PIONEER IRRIG. DIST.	PIONEER IRRIG. DIST.	3)	6-1-64	6-8-1914	1000	
300	MIDDLETON MILL	DRY CREEK	54)	6-1-64	7-15-1918	492	
301	MIDDLETON MILL	DRY CREEK	120)	8-1-91	4-20-1921	17.5	
347	MIDDLETON MILL	SETTLERS	3	6-1-64	4-20-1921	77	
349	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	
357	MIDDLETON WATER	SETTLERS	65	6-1-77	2-6-1925	7	
370	BOISE CITY	FARMERS UNION	33	6-1-66	5-1925	10	
373	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2	
374	MIDDLETON WATER #1	FARMERS UNION	65	6-1-77	4-26-1926	18.7	
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	20	
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10	
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	19.3	
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	7-8-1926	20	
392	MIDDLETON WATER	RIDENBAUGH	54)	6-1-71)	8-13-1926	7.5	
393	MIDDLETON MILL	FARMERS UNION	65	6-1-77	8-21-1926	20	
393	MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	9-15-1926	14.4	
393	MIDDLETON MILL	FARMERS UNION	54)	6-1-71)			
393	MIDDLETON MILL	FARMERS UNION	120)	6-1-91)			
395	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25	
412	THURMAN	SETTLERS	81	6-1-82	12-2-1927	20	
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5	
466	RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	485	
468	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5	
477	SETTLERS	SETTLERS	92	10-17-84	11-18-1929	40	
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3	
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50	
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25	
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-1934	15	
542	FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.37	
595	JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	10	
595	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10	
608	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	30	
644	RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35	
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	30	
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	

TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

CHART NO. 23

<u>DATE OF TRANSFER</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
3-16-1909)	15	WALTER S. BRUCE	
3-16-1909)			
4-19-1909	100	C. H. ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
9-1-1909	605	WM. M. MESSLER	
2-5-1910	10	J. E. MOORE	
2-4-1910	112	BARBER LUMBER CO.	
3-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
3-31-1910	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
6-7-1910	20	J. P. CLEEK	
11-14-1910	50	J. A. CARTRIGHT	CHANGE IN POINT OF DIVERSION
3-14-1911	40	J. D. ROLAND	CHANGE IN POINT OF DIVERSION ONLY
9-18-1912	25	H. E. MEEK	
11-25-1912	60	H. L. RANDALL & OTHERS	
11-25-1912)	1017	H. L. RANDALL & OTHERS	
11-25-1912)			
6-8-1914	1000	BOISE FRUIT TRACT CO.	
7-15-1918	432	PIONEER IRRIG. DIST.	LICENSED RIGHT INDIAN CREEK
4-20-1921	17.5	EMMA M. FOWLER	
4-20-1921	77	JOHN F. GROOME	
2-6-1925	7	C. E. WHITE	
2-6-1925	7	FRANK WEASEL	
2-6-1925	7	CARL A. GISH	
5-1925	10	NELLIE B. WHITAKER	
3-16-1926	56.2	HENRY W. BARTLETT	
4-26-1926	18.7	L. A. RICE	
5-6-1926	20	H. D. PARKS	
5-6-1926	10	A. G. WING	
7-8-1926	20	MARY F. LEACH	
7-8-1926	13.3	H. E. MCCONNELL	
7-8-1926	20	H. W. BARTLETT	
7-8-1926	20	E. E. SMITH	
8-13-1926	7.5	RUSH CHASE	
8-21-1926	20	FRED EGGERS	
9-15-1926	14.4	A. C. BOWERMAN	
11-16-1926	25	G. R. MCGUIRE	
12-2-1927	20	CHAS. P. MACE	
7-2-1928	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
7-6-1929	485	W. H. TULLER	
7-12-1929	5	C. C. WOOD	
11-18-1929	10	CHASE N. WALKER	
4-7-1930	3	FRANK P. WEASEL	
5-27-1932	50	W. SCOTT ANDERSON	
5-27-1932	25	FARMERS UNION DITCH	
5-15-1934	15	A. B. WHITNEY	
12-31-1934	34.37	FEDERAL LAND BANK	
9-9-1938	10	BOISE TRUST CO.	SOMERMEIR
9-9-1938	10	BOISE TRUST CO.	FALK
4-29-1940	50	W. F. TRACY	
11-12-1942	35	S. E. SMITH	
10-18-1943	25	W. W. HOWELL	LARSON TRACT
10-18-1943	50	W. W. HOWELL	HAMMING TRACT
10-18-1943	25	W. W. HOWELL	BUDGE TRACT

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES
	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	30
694	"	"	30	5-1-66	4-29-1946	8
694	"	"	30	5-1-66	4-29-1946	6
694	"	"	30	5-1-66	4-29-1946	7
701	"	NEW YORK	30	5-1-66	4-29-1946	13
702	"	SETTLERS	30	5-1-66	12-20-1946	100
712	"	"	30	5-1-66	12-20-1946	30
712	"	"	30	5-1-66	6-14-1947	10
712	"	"	30	5-1-66	6-14-1947	10
713	"	"	30	5-1-66	6-14-1947	25
717	SIEBENBERG	NEW DRY CREEK	30	5-1-66	6-14-1947	27
780	CONSUMERS	FARMERS CO-OP	9	6-1-65	11-25-1947	32
780	"	SETTLERS	30	5-1-66	5-4-1948	10
780	"	"	30	5-1-66	5-4-1948	10
780	"	"	30	5-1-66	5-4-1948	7
780	"	"	30	5-1-66	5-4-1948	10
780	"	"	30	5-1-66	5-4-1948	20
736	THURMAN MILL	"	30	5-1-66	5-4-1948	10
737	CONSUMERS	"	37	6-1-68	3-9-1949	30
739	"	"	30	5-1-66	3-9-1949	55
733	"	"	30	5-1-66	4-2-1949	7.5
734	"	"	30	5-1-66	4-14-1950	23
790	HILLCREST	MIDDLETON MILL	30	5-1-66	4-14-1950	20
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	"	"	30	5-1-66	7-13-1954	300
871	THURMAN MILL	SETTLERS	30	5-1-66	9-3-1954	24
872	"	"	36	6-1-68	10-2-1956	14.4
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	1.25
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
979	"	"	30	5-1-66	2-23-62	5
980	"	"	30	5-1-66	2-23-62	6
989	"	"	30	5-1-66	5-29-62	10
990	"	"	30	5-1-66	7-5-62	4
991	"	"	30	5-1-66	7-5-62	8
1007	"	"	30	5-1-66	4-17-63	50
1009	NEW DRY CREEK	DRAIN DITCH	73-A	4-1-80	5-16-63	5
1010	CONSUMERS	NEW YORK	30	5-1-66	6-14-63	100
1011	"	RIVER	30	5-1-66	6-3-63	150
1017	"	NEW YORK	30	5-1-66	9-26-63	30
1033	"	MORE'S CREEK	30	5-1-66	9-4-64	100
1038	"	PHYLLIS	30	5-1-66	10-28-64	1085.75
1048	BOISE CITY	FARMERS UNION	33	6-1-66	5-20-65	4.38
1039	"	"	33	6-1-66	10-28-65	5.00
1074	MORE'S CREEK	NEW YORK	30	5-1-66	10-13-66	100

QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
90	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.)
90	"	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
90	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	SYMMS 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
90	"	GLENN DRAPER
5	NEW DRY CREEK	R. B. BETTY
100	G. S. TAYLOR	JOHN DOBSON
150	"	SURPRISE VALLEY FARMS
90	"	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 DITCH CO.	11
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.	114
21.	X6-1-65	G. W. GESS	2.90	145	66.	7-1-77	PERRAULT & JOHNSON (POWER)	200
22.	X6-1-65	ROBERT MCGUIRE	3.20	160	67.	5-1-78	NAMPA MERIDIAN IRRIG. DIST.	170
23.	X6-1-65	G. W. COOPER	3.20	160	68.	X6-1-78	JOHN MAMMON	4
24.	X6-1-65	J. W. ROLAND	2.40	120	69.	X6-1-78	JULIA MAMMON	3
25.	X6-1-65	DRAPER & WELLS	3.94	197	70.	X6-1-78	CHARLES ALLEN	8
26.	X6-1-65	THOMAS J. PALMER	1.60	80	71.	X6-1-78	R. H. STOCKTON	4
27.	X6-1-65	NOAH W. PALMER	1.58	79	72.	6-1-79	NEW DRY CREEK DITCH CO.	31
28.	X6-1-65	J. N. TUCKER	7.00	350	73.	X6-1-79	D. MUMFORD	4
29.	X6-1-65	THOMAS ANDREWS	6.00	300	74.	X6-1-80	SMITH STOCKTON	1
30.	5-1-66	J. PERRAULT & R. JOHNSON	50.00	2500	75.	6-1-80	ISHAM JOPLIN	2
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.	27
33.	6-1-66	BOISE CITY CANAL CO.	38.06	1903	78.	6-1-82	ALLEN V. WEBSTER	.9
34.	6-1-66	FRANKLIN DITCH CO.	15.40	770	79.	6-1-82	SUSIE CAMPBELL	.6
35.	6-1-67	CANYON CO. WATER CO.	75.80	3790	80.	6-1-82	J. T. BARBER	1.6
36.	6-1-68	MARTHA E. MCCARTHY	14.10	705	81.	6-1-82	SONORA JOPLIN	3.40
37.	6-1-68	H. D. & DORA GOODMAN	3.70	185	82.	6-1-82	S. W. HUTCHINSON	.44
38.	X6-1-68	T. T. JOHNSON	3.20	160	83.	6-1-82	JOHNSON	.44
39.	X6-1-68	ROSS, ALLEN, DILLEY & ROSS	8.54	427	84.	6-1-82	ANDREW J. JOPLIN	2.86
40.	6-1-68	S. S. GRAY	1.40	70	85.	6-1-82	JAMES L. GRAHAM	2.20
41.	X6-1-69	JOHN MAMMON	1.80	90	86.	X6-1-83	FARMERS CO-OP. DITCH	20.00
42.	6-1-69	ISAAC BEDAL	1.60	80	87.	6-1-83	FRANCIS M. JOPLIN	.90
43.	X6-1-69	FREDERICH ODE	3.60	180	88.	X6-1-83	W. A. BLACK	12.00
44.	X6-1-69	PRIOR BURNETT	8.50	425	89.	X11-9-83	EUREKA DITCH CO. NO. 2	21.70
45.	X6-1-69	PIONEER DIXIE DITCH CO.	35.44	1772	90.	6-1-84	PIONEER IRRIG. DIST.	53.10

X INDICATES RIGHTS SUPPLIED BY RETURN FLOW TO RIVER

STEWART DECREE

CHART NO. 24

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

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER NO.	PRIORITY DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
				STEWART DECREE	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	
		103	6-1-1888	.80			40	
		123	6-1-1891	.80			40	
		66-A	4-1-1878		.80		70	
		66-C	4-1-1878		1.40		40	
		66-D	4-1-1878		.80		41.28	
		85-D	5-1-1883		.8256		19.6	
		136	5-1-1906		.392		30	
		65	6-1-1877	.60			10*	
	57	102	6-1-1888	.20*			3.5*	
	64*	85-D	5-1-1883		.07*		6.75	
	140*	124-A	5-1-1893		.135		32.5*	
	151	103	6-1-1888	.65*			12*	15.3526
	161*	103	6-1-1888	.24*				
	174*							
BOISE CITY		33	6-1-1866	38.06			1903	
		370*	6-1-1866	1.124*			36.2*	
		373*	6-1-1866	.374*			18.7*	
		1048*	6-1-1866	.0875*			4.375*	
		1059*	6-1-1866	.10*			5*	36.3745

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
BOISE VALLEY LICENSED RIGHT #15242			15	6-1-1865	54.58			2729
		243		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				270 21.14
							5.40	

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	NO.	PRIORITY DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
CALDWELL HIGH LINE			34	6-1-1866	15.40			770
			46	6-1-1869	37.20			1860
			77	10-29-1880	27.60			1380
	29*		46	6-1-1869	1.00*			50* 79.20
CAMPBELL (CANYON DITCH CO.)			132	5-17-1900	10.00			500
			134	10-25-1901	5.54			277
			38 96	10-1-1887	12.10			605
			105 9	6-1-1865	.50			25 28.14
CANYON COUNTY			35	6-1-1867	75.80			3790
			35-A	6-1-1867		1.76		88
			46	6-1-1869	1.00			50
	29		35	6-1-1867	.38*			19*
	36*		35	6-1-1867	1.11*			55.5*
	54*		35	6-1-1867	2.60			130
	59		31	6-1-1866	.50			25
	75		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			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
EAGLE ISLAND CANALS									
AIKEN			63	6-1-1877	5.20			260	5.20
CONWAY & HAMMING			48	6-1-1870	2.60			130	
			64	6-1-1877	.90			45	
			118	6-1-1891	2.20			110	5.70
GRAHAM & GILBERT			12	6-1-1865	4.40			220	4.40
HART & DAVIS			6	6-1-1864	3.30			165	
			57	6-1-1872	4.40			220	
			58	6-1-1872	3.30			165	
			57	6-1-1872				52*	9.96
	38*)				1.04*				
	39*)								
LEMP DITCH			8-C	1865			6.00	300	6.00
MACE & CATLIN			5	6-1-1864	2.86			143	
			52	6-1-1871	7.86			393	
			5)	6-1-1864				12*	
	179*		52)	6-1-1871	.24*		.44	22	10.92
			138	6-1-1912					
MACE & MACE			137	5-1-1909			1.76	88	1.76
SEVEN SUCKERS			57	6-1-1872				52	
	38)				1.04			12	
	39)		5)	6-1-1864	.24				1.28
	179		52)	6-1-1871					

*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	
<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 DECREE GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREEED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
FARMERS UNION			126	7-2-1894	110.00			5500
			136	2	6-1-1864	20.00		1000
			370	33	6-1-1866	1.124		56.2
			373	33	6-1-1866	.374		18.7
			374	65	6-1-1877	.40		20
			375	65	6-1-1877	.20		10
			384	65	6-1-1877	.40		20
			385	65	6-1-1877	.266		13.3
			386	65	6-1-1877	.40		20
			387	65	6-1-1877	.40		20
			391	31	6-1-1864			7.5
			391	54	6-1-1871	.15		
			393	31	6-1-1864			14.4
			393	54	6-1-1871	.288		
			393	120	6-1-1891			25
			395	65	6-1-1877	.50		12.5*
			430*	65	6-1-1877	.25*		40
				65	6-1-1877	.80		50
	84		512	1	6-1-1864	1.00		25
			513	1	6-1-1864	.50		15
			530	1	6-1-1864	.30		2723
					7-2-1894		54.46	4.375
			33	6-1-1866	.0875			5
	1048		33	6-1-1866	.10			191.4995
	1059							
HAAS DITCH								427
	176		39	6-1-1868	8.54			440
			70	6-1-1878	8.80			17.34
ISLAND HIGH LINE								150
			71-A	4-1-1879		3.00		350
			137-A	4-1-1910		7.00		500
			139	4-1-1915		10.00		20.00
LARSEN-BAXTER-LEMP								160
	127		73-B	1880		3.20		40
			20	6-1-1865	.80			4.00
LITTLE PIONEER								1286
	1575		49	6-1-1870	25.72			55
			31-C	6-1-1866		1.10		26.82

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS		
						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
MAHMON								
			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*				.20*		10*	
		300*	3)	6-1-1864			17.5*	
		300*	54)	6-1-1871	.35*			
		300*	120)	6-1-1891				
		301*	3)	6-1-1864			77*	
		301*	54)	6-1-1871	1.54*			
		301*	120)	6-1-1891			7*	
		347*	3	6-1-1864	.14*		7*	
		349*	3	6-1-1864	.14*		7*	
		350*	3	6-1-1864	.14*			
		391*	3)	6-1-1864			7.5*	
		391*	54)	6-1-1871	.15*			
		393*	3)	6-1-1864			14.4*	
		393*	54)	6-1-1871	.288*			
		393*	120)	6-1-1891			20	
		754	30	5-1-1866	.40		80	64.562
		123-A	5-15-1893			1.60		

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
MIDDLETON WATER			65	6-1-1877	114.08			5704
	36		35	6-1-1867	.38			19
	57*		65	6-1-1877	.60*			30*
	61		31-B	6-1-1866		.60		30
	84*		65	6-1-1877	.80*			40*
	126		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

BOISE RIVER
~~DEK/MADE/DIST/184~~

80 6-1-1882

1.60

80

1.60

DRAINAGE DIST. #4
(MARSTERS DITCH) 83*85-A 6-1-1882
85-A 6-1-18821.76
.72*

88

36*

1.04

MANVILLE-LEONARD

32 6-1-1866

3.50

175

3.50

MCCURRY PUMP (LICENSED RIGHT #33487) 2-22-1967

(1.56)

28

.56

SURPRISE VALLEY FARMS

1011 30 5-1-1866

3.00

150

3.00

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

*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	
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				60
		(790-111)	96	10-1-1887	1.20			445
		466	106	8-20-1888	8.90			100
		701	30	5-1-1866	2.00			300
		823	30	5-1-1866	6.00			75
		976	30	5-1-1866	1.50			50
		1007	30	5-1-1866	1.00			100
		1010	30	5-1-1866	2.00			30
		1017	30	5-1-1866	.60			100
		1074	30	5-1-1866	2.00			2604.58
PARMA DITCH			71	6-1-1878	4.40			220
			74	6-1-1880	1.76			88
			125	6-1-1894	1.76			88
			77-A	6-1-1881		1.60		80
			77-B	6-1-1881		.34		17
			77-C	6-1-1881		.80		40
			77-D	6-1-1881		1.30		65
			114-B	5-1-1889		.80		40
								12.76
	257							
PENITENTIARY			50	6-1-1870	2.24			112
	46							2.24
PHYLLIS			90	6-1-1884	53.10			2655
			117	9-1-1890	200.00			10000
			135	4-1-1904	56.34			2817
				4-1-1905			306.56	15328
				4-1-1908			54.50	2725
				5-1-1866	21.715			1086
		1038	30					692.215

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			INCHES	SEC. FT.
					STEWART DECREE	INTERVENORS 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	
					2.00*			100*	
	35*				1.50*			75*	
	148*		96	10-1-1887			20.90	1045	60.00
				7-9-1914					
RIDENBAUGH (NAMPA & MERIDIAN)			67	5-1-1878	170.00			8500	
			106	8-20-1888	370.84			18542	
		392	65	6-1-1877	.40			20	
			47-A	4-1-1870		.80		40	
	152		127	5-1-1895	1.00			50	
	153		8-A	4-1-1865		.80		40	
	154				8.90*			445*	
		466*	106	8-20-1888	.20			10	535.14
		595	1	6-1-1864					
RIVERSIDE			88	6-1-1883	12.00			600	
			91	6-1-1884	20.00			1000	
			95	1-23-1887	4.00			200	
			124	5-1-1893	80.00			4000	
			130	10-1-1899	20.00			1000	
			133	6-1-1901	70.00			3500	
			77-E	4-15-1882		3.674		183.7	
			116-A	6-1-1890		.72		36	
			116-B	6-1-1890		.10		5	
			116-C	6-1-1890		.40		20	
				4-1-1910			63.78	3189	
				4-1-1914			17.70	885	
		608*	88	6-1-1883	1.00*			50*	
		644*	88	6-1-1883	.70*			35*	
		660*	88	6-1-1883	.60*			30*	
					2.00			100	
					1.70*			85*	290.374
	35		88	6-1-1883					
	175*								
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 NO.	DATE	AMOUNT DECREED			TOTAL INCHES	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 TRANSFER NO.	DATE	AMOUNT DECREED			INCHES	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			10	
		357	65 6-1-1877	.20			20	
		412	81 6-1-1882	.40			50	
	76	85-B	4-1-1883		1.00		36	
	83	85-A	6-1-1882		.72		12.5	
		430	65 6-1-1877	.25			10	
		595	1 6-1-1864	.20			25	
		654	30 5-1-1866	.50			50	
		654	30 5-1-1866	1.00			25	
		654	30 5-1-1866	.50			8	
		694	30 5-1-1866	.16			6	
		694	30 5-1-1866	.12			7	
		694	30 5-1-1866	.14			13	
		694	30 5-1-1866	.26			30	
		702	30 5-1-1866	.60			10	
		712	30 5-1-1866	.20			10	
		712	30 5-1-1866	.20			25	
		712	30 5-1-1866	.50			67	
		720	30 5-1-1866	1.34			50	
		736	37 6-1-1868	1.00			55	
		737	30 5-1-1866	1.10			7.5	
		739	30 5-1-1866	.15			23	
		753	30 5-1-1866	.46			24	
		753	30 5-1-1866	.48			14.4	
		829	30 5-1-1866	.288			11	
		871	36 6-1-1868	.22			10	
		872	36 5-1-1866	.20			5	
		873	30 5-1-1866	.10			5	
		890	30 5-1-1866	.10			10	
		906	30 5-1-1866	.20			1.25	
		917	30 5-1-1866	.025			2.5	
		918	30 5-1-1866	.05			10	
		940	30 5-1-1866	.20			5	
		977	30 5-1-1866	.10			6	
		979	30 5-1-1866	.12			10	
		980	30 5-1-1866	.20			4	
		989	30 5-1-1866	.08			8	186.443
		990	30 5-1-1866	.16				
		991	30 5-1-1866					
SIEBENBERG							671	
							25*	
							32*	12.28
		105*	9 6-1-1865	13.42				
		717*	9 6-1-1865	.50*				
			9 6-1-1865	.64*				

*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
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*
					6-1-1865	.50*		75
85*			96	10-1-1887	1.50			5*
148				6-1-1865	.10*			25
159*			89	11-9-1883	.50			13.32
289								

*SUBTRACT

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

CHART NO. 26

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

*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	1380	1727
52	CATLIN & MACE	1	7.86	5.90	4.72	306		
53	PETER MEEVES	1	1.80	1.35	1.08	307	1385	1736
54	MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	327		
55	J. F. YARYAN	1	.70	.53	.42	328	1386	1737
56	J. F. YARYAN	1	1.40	1.05	.84	329		
57	MARY C. DAVIS	1	4.40	3.30	2.64	331	1387	1739
58	EDWARD N. HART	1	3.30	2.48	1.98	333		
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	335		1743
61	EDWARD & MARY CLARK	1	2.30	1.73	1.38			
62	JOHN CECIL	1	.44	.33	.26	338	1388	1744
63	THOMAS AIKEN	1	5.20	3.90	3.12	339		
64	W. H. CONWAY	1	.90	.68	.54	407	1405	1773
65	MIDDLETON WATER CO.	1	114.08	85.56	68.45			
66	PERRAULT & JOHNSON (POWER)	1				408		
66A	J. S. KRAUS	1	.80	.60	.48	409		
66C	J. W. KOLANDER	1	1.40	1.05	.84		1406	
66D	M. Y. GRIFFITH	1	.80	.60	.48	511	1431	1816
67	NAMPA, MERIDIAN IRRIG. DIST.	1	170.00	127.50	102.00			
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	530	1436	1824
72	NEW DRY CREEK DITCH CO.	1	31.32	23.49	18.79			
73	D. HUMFORD	2	4.00	3.00	2.40			
73A	GOBLE & SONDER	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	530	1437	1825
74A	C. B. FRANK	1	1.816	1.36	1.09	533	1437	1825
75	ISHAM JOPLIN	1	2.40	1.80	1.44			
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 JARRIES	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		1833
80	J. T. BARBER	1	1.60	1.20	.96	552		1834
81	SONORA JOPLIN	1	3.40	2.55	2.04	554	1442	
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		1836
85A	LEO MARSTERS	1	1.76	1.32	1.06	558		
85B	JACOB BINGHAM	1	1.00	.75	.60	558		
85C	WM. HUCKBA	1	.2232	.17	.13	559		
85D	C. H. SCHWELZER	1	.8256	.62	.50	559		
85E	C. W. MCCLURG	1	.385	.29	.23	559		1841
86	FARMERS CO-OP. DITCH	2	20.00	15.00	12.00		1444	
87	FRANCIS M. JOPLIN	1	.90	.68	.54	560		1844
88	W. A. BLACK	2	12.00	9.00	7.20			1849
89	EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1863
90	PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	592	1452	1868
91	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00		1466	1893
92	SETTLERS CANAL CO.	1	99.06	74.30	59.44	652	1469	1897
93	NEW DRY CREEK	1	15.22	11.42	9.13	661	1471	1900
94	THOMAS DAVIS	1	13.40	10.05	8.04	669		1901
95	WM. E., L. & E. YOUNG	2	4.00	3.00	2.40			1913
96	AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68		1472	1915
97	NEW DRY CREEK DITCH	1	7.86	5.90	4.72	674	1473	1916
98	A. V. LINDER	1	4.00	3.00	2.40	677		
99	LEVI SMITH	1	1.30	.98	.78	677		1917
100	CHARLOTTE CALHOUN	1	1.40	1.05	.84	678		
101	ED J. LINDER	1	1.46	1.10	.88	679	1474	
102	LIZZIE EVERETT	1	1.20	.90	.72	680		1918
103	JESSIE WILSON	1	1.40	1.05	.84	681		
104	THOMAS ANDREWS	3	.90	.68	.54			1931
105	FARMERS CO-OP. DITCH	2	50.00	37.50	30.00	898	1528	2021
106	NAMPA MERIDIAN IRRIG. DIST.	1	361.94	271.46	217.16	903	1529	2023
107	BOARD OF CONTROL	1	8.90	6.67	5.34	904		
108	S.G. HARDIES & AMELIA EISLEY	1	.84	.63	.50	904		
109	CHARLES S. MILLER	1	.06	.05	.04	904		
110	LAMMIS L. HOSLEY	1	.02	.015	.01	905		2024
111	S. J. UTTER & C. B. TAYLOR	1	.02	.015	.01	905		2026
112	SOUTH BOISE MUTUAL IRRIG. CO.	1	2.40	1.80	1.44	909	1531	
113	ESTATE OF J. H. GALLAGHER	1	6.00	4.50	3.60	910		
	ANNA H. FOGARTY	1	2.94	2.21	1.76	910		
	GRACE CALL	1	.05	.04	.03	910		
		1	.10	.08	.06	910		

TABLE SHOWING DECREED RIGHTS (STEWART DECREE) & FLOW IN SECOND FEET
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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		2027
114A	NEIL & PATRICK O'DONNELL	3	1.60	1.20	.96			
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	1087	1576	2083
122	SETTLERS CANAL CO.	1	73.44	55.08	44.06	1088		2102
123	THOMAS AIKEN	1	.80	.60	.48	1089		
123A	OTTO & MARIE MULLER	1	1.60	1.20	.96			2122
124	RIVERSIDE IRRIG. DIST.	2	80.00	60.00	48.00	1089		
124A	W. D. CHARTERS	1	.825	.62	.50			
125	R. H. STOCKTON	3	1.76	1.32	1.06		1589	2150
126	FARMERS UNION DITCH	1	110.00	82.50	66.00	1155		
127	CHARLES REIN & JAMES KEON	1	1.00	.75	.60	1155		
128	MATHEW CASEY	1	.66	.50	.40	1156		2171
129	FARMERS CO-OP. DITCH	2	83.50	62.63	50.10	1156		
129A	H. E. PLAIN	1	.54	.41	.32			2176
130	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00		1622	2231
131	NEW YORK CANAL CO.	1	219.00	164.33	131.46	1288		2234
132	CANYON DITCH CO.	2	10.00	7.50	6.00			2251
133	RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2253
134	CANYON DITCH CO.	2	5.54	4.16	3.32		1630	2267
135	PIONEER IRRIG. DIST.	1	56.34	42.26	33.80	1321		
136	H. E. WIMER	1	.392	.29	.24	1321	1631	
137	B. P. WEAVERLING	1	1.76	1.32	1.06	1323		2269
137A	ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20			2273
138	WESLEY A. MACE	1	.44	.33	.26	1323		
139	ISLAND HIGHLINE DITCH CO.	3	10.00	7.50	6.00	1323		

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

CHART NO. 27

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

**DELIVERED FROM RETURN FLOW AFTER JULY 15.

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

