

**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1973**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1973
1974

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

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

BY

DANIEL L. MUSSELMAN
WATERMASTER, BOISE RIVER

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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. Summary chart in acre-feet showing monthly and total drain discharges for the irrigation season.
14. Chart showing entire Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain, by months in acre-feet, for the irrigation season.
15. Shows total discharge of drainage canals in Drainage District No. 2 for the irrigation season.
16. Charts showing total discharge of all drainage canals in Drainage Districts No. 3 and No. 4 for the irrigation season.
17. Summary chart of the return flow to Boise River between the Government Diversion Dam and Snake River for a 15 year period.

C H A R T S

(continued)

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

ORGANIZATION

The Boise River organization for 1973 includes a Chairman, Executive Secretary, a Watermaster, one Assistant for a few months during the summer, and a part-time Secretary.

The Advisory Committee, made up of nine members including the Chairman of the water users, was elected at the annual meeting in January, also an Executive Secretary was elected to replace the retiring Secretary. In addition to the annual meeting, an Advisory Committee meeting was held at 9:00 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
Phebe M. Morris, Executive Secretary
Isaac Blickenstaff
Henry Dalrymple
W. S. Hall
James Klahr
Wendell Knight
L. C. Mace
Wayne Naugle
June S. Walters

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

The splendid assistance and cooperation rendered by the State Department of Water Administration Director 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.

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.

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

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

TRIBUTARY GAIN

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

Chart 12 shows the daily discharge of the tributary streams.

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

NET GAIN

Chart 14 shows the total flow of the Boise River passing Diversion Dam, canal deliveries, and gain to the river by months in acre-feet.

RIVER FLUCTUATION

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

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

CLASSIFICATION OF RIVER

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

SECTION 1

Chart 14 shows the condition that existed in the entire river during the period July 1 to November 1. This section is under complete regulation by the watermaster. All water is measured and divided according to the decrees and licenses, which are set by the courts and State laws.

SECTION 2

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

SECTION 3

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

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

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

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

duty, or duty at the point of diversion.

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

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

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

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

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

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

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

DRAINAGE

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

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

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

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

INTERVENORS

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

CHANGES IN POINT OF DIVERSION

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

decreed rights on the Boise River as recorded in the office of the State Department of Water Administration.)

TRANSFERS

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

STEWART DECREE

Chart 24 is a condensed table of the Stewart Decree.

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

STEWART AND BRYAN DECREES GROUPED ALPHABETICAL 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

not It was necessary to begin canal regulations *until July 1 the natural flow* April 1, as the natural *was exceptionally good* 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 1973 was 1,378,052 acre feet and for the irrigation year was 1,341,976 acre feet. Irrigation started about the 4th of April and demand for water was heavy in April and was moderate in May through August. In Section No. 2 and 3 water use was moderate due mostly to a good return flow. The river flow reached 9,555 c.f.s. in the 1972-73 water year on May 20, and lowest flow was (-16) cubic feet per second on September 30 which was caused by reservoir regulation. The flow at Lucky Peak was reduced to 110 c.f.s. on October 10, which was the end of the irrigation season. The 110 c.f.s. is a fish and sanitation flow. On November 1, the fish and sanitation water was cut out for $\frac{1}{2}$ day for some necessary work. The flow was increased to 200 cfs to dilute some raw sewage from the transfer plant.

1974
3 212958
1 st.
light
heavy
Sept
18,469
1973-74
9
409
120
18 the irrigation season ended
Oct. 14 the water run which lasted until Oct 18 was to raise the elevation of Lake Lowell for duck hunting
Oct 22 Lucky Peak was shut off for 2 days for inspection, then
the flow was increased to 200 cfs to dilute some raw sewage from the transfer plant

STORAGE WATER

As of December 31, there was 238,079 acre feet of water in Anderson Ranch Reservoir, 176,218 in Arrowrock and 45,987 in Lucky Peak. 1,235 c.f.s. is being released from Anderson Ranch Reservoir, 800 c.f.s. from Arrowrock Reservoir and 1,110 c.f.s. from Lucky Peak Reservoir, of which 1,000 c.f.s. is for Lake Lowell Reservoir, and 110 c.f.s. passing Diversion Dam for fish and sanitation water. The natural flow on December 31, was 1,540 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

LAND RD

26

VICTORY RD

28
ARY CANAL

AMITY RD

LAKE HAZEL RD

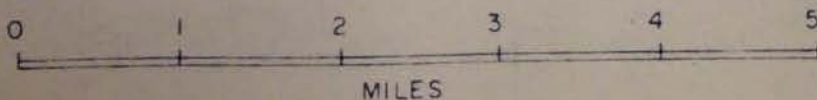
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December 1967

1973

**SNAKE
RIVER**

20

95

PARMA

Boise

MC CONNEL
12

R 6 W

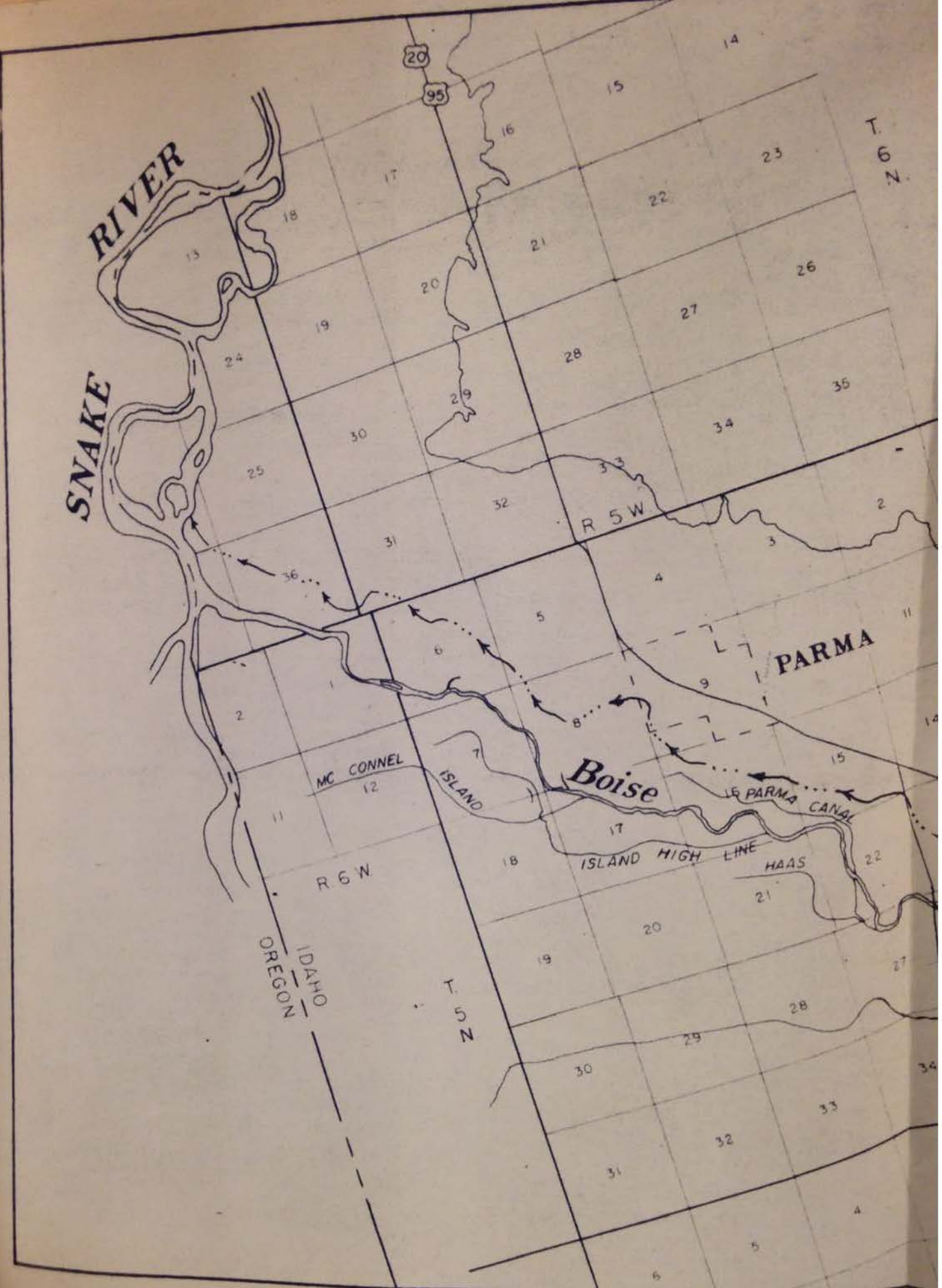
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OREGON

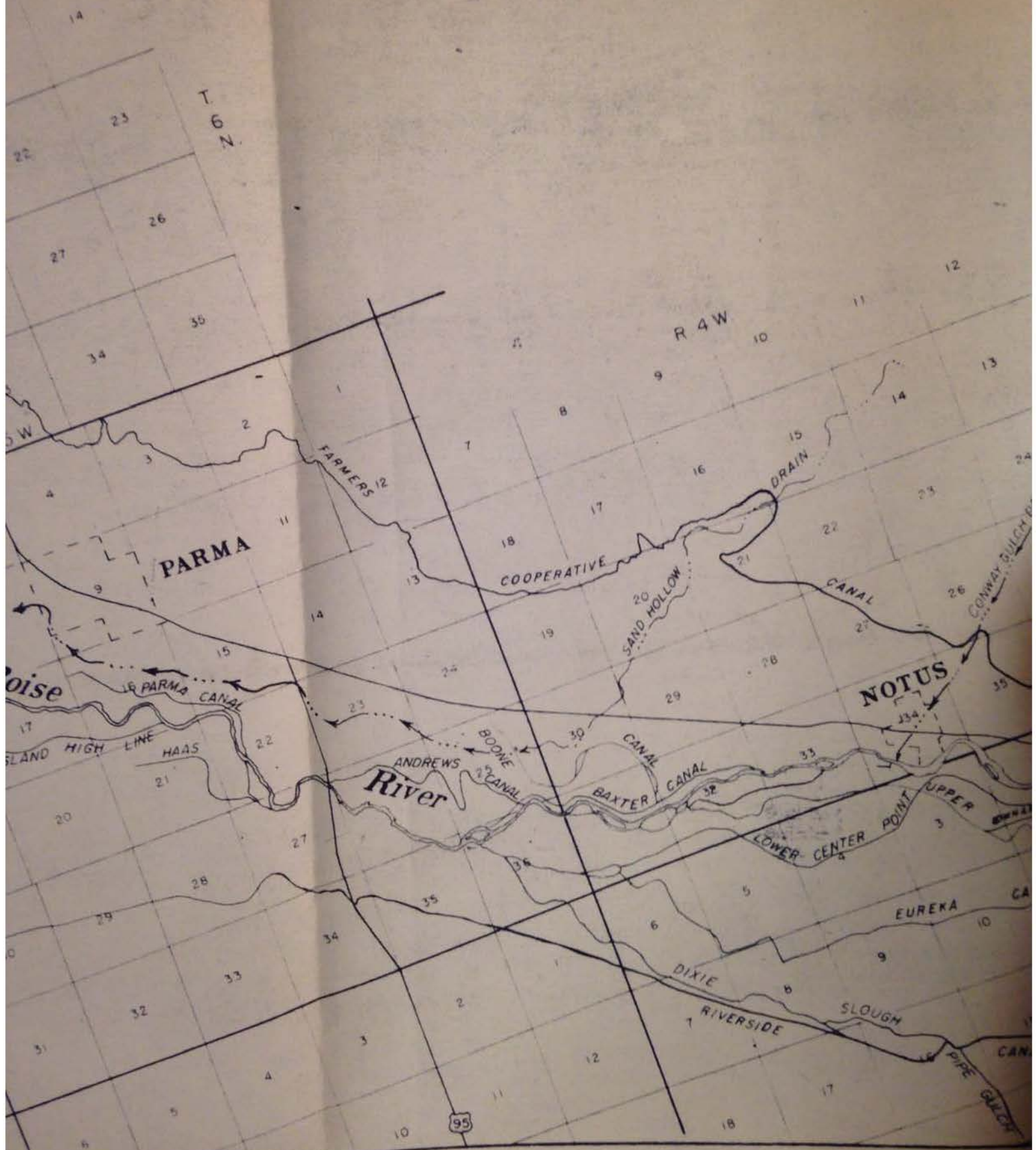
T. 5 N

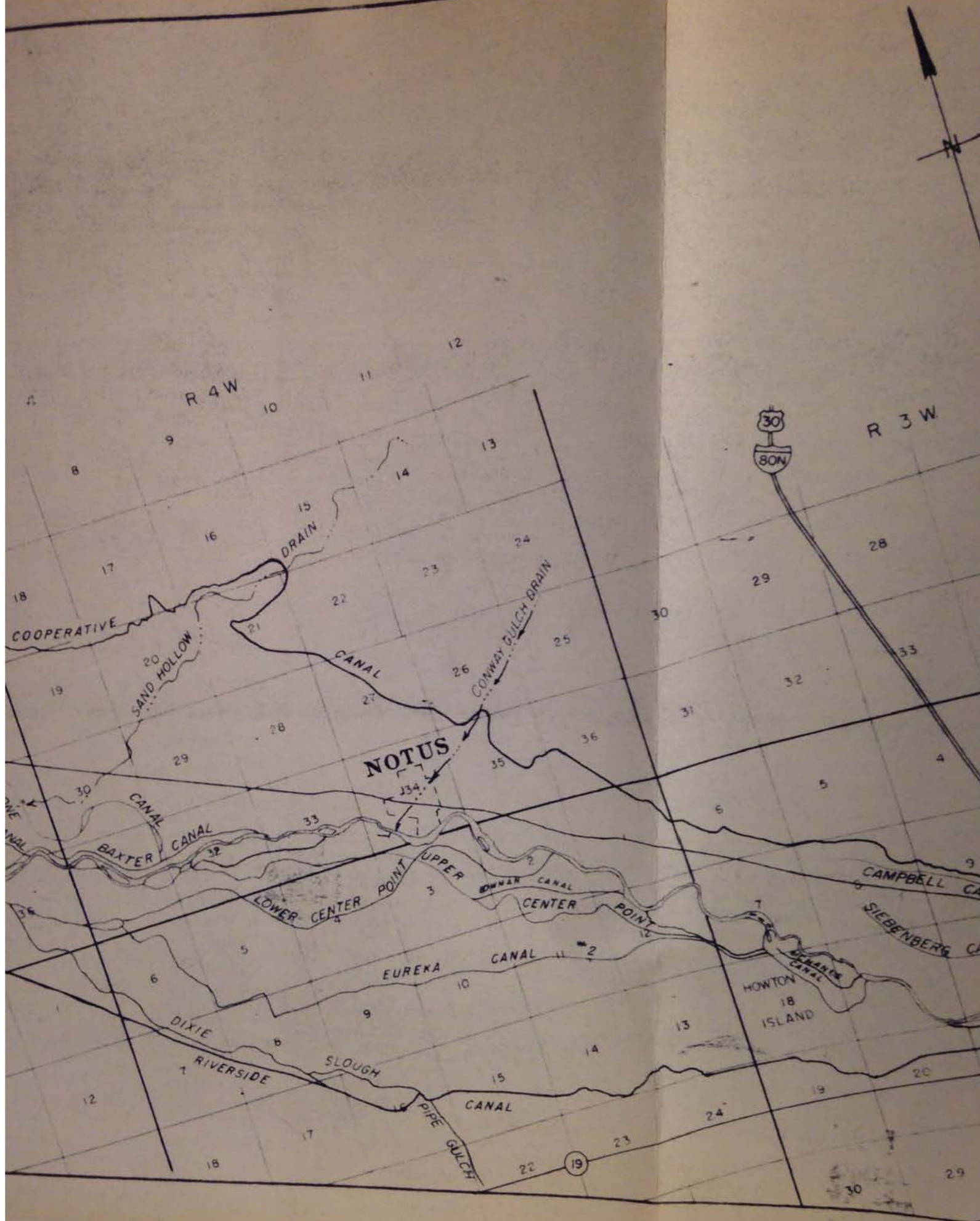
ISLAND HIGH LINE

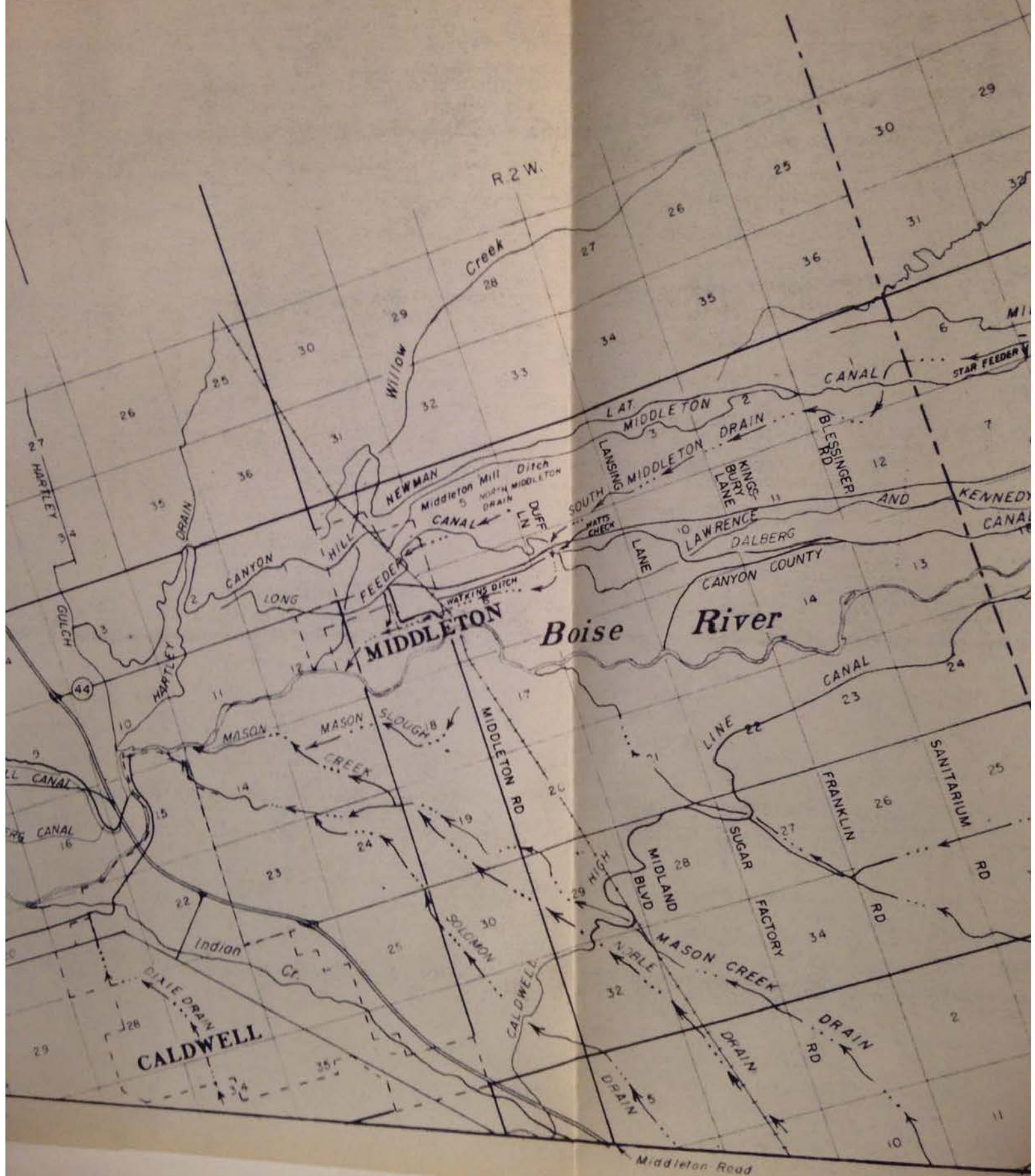
HAAS

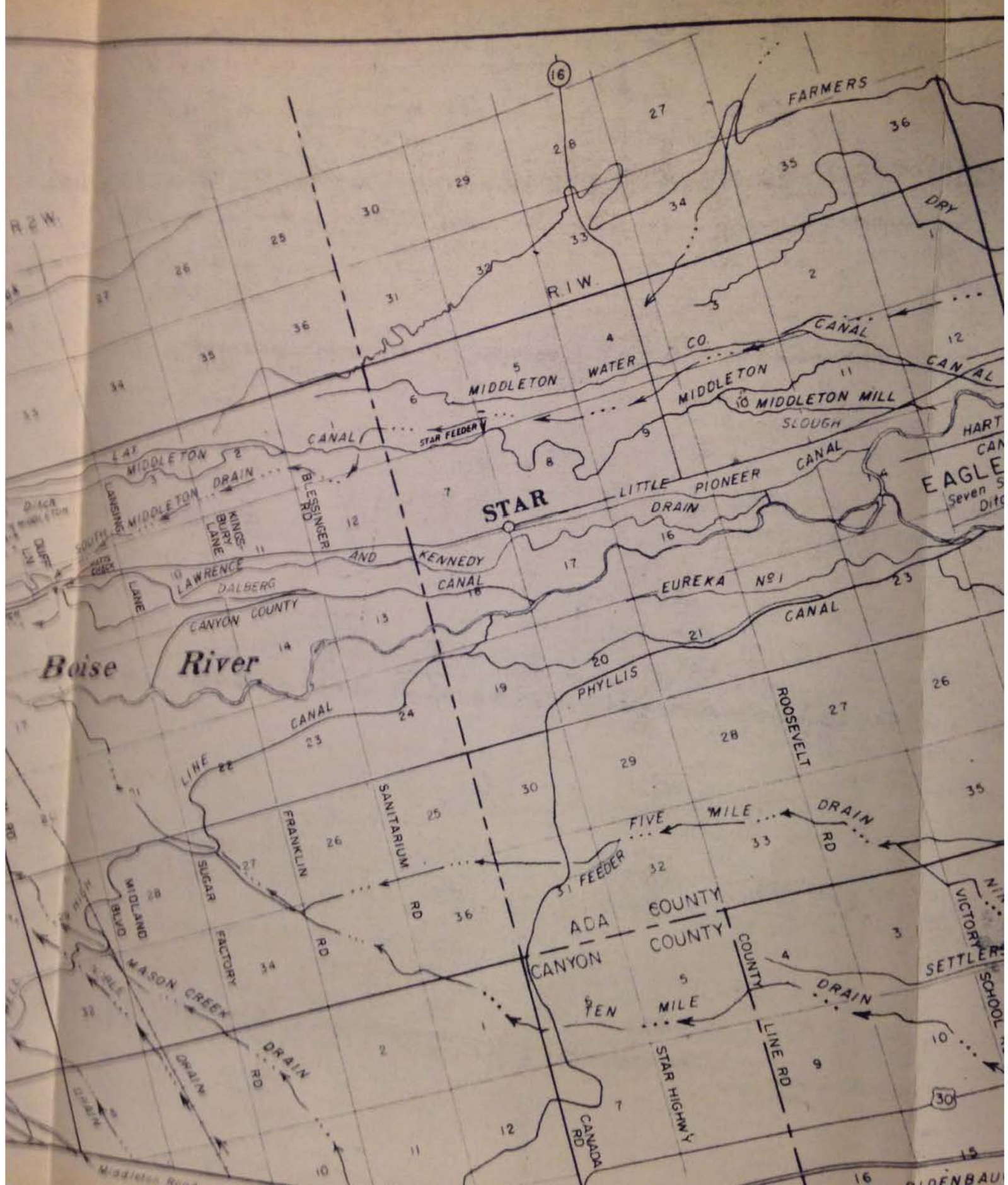
LE PARMA CANAL

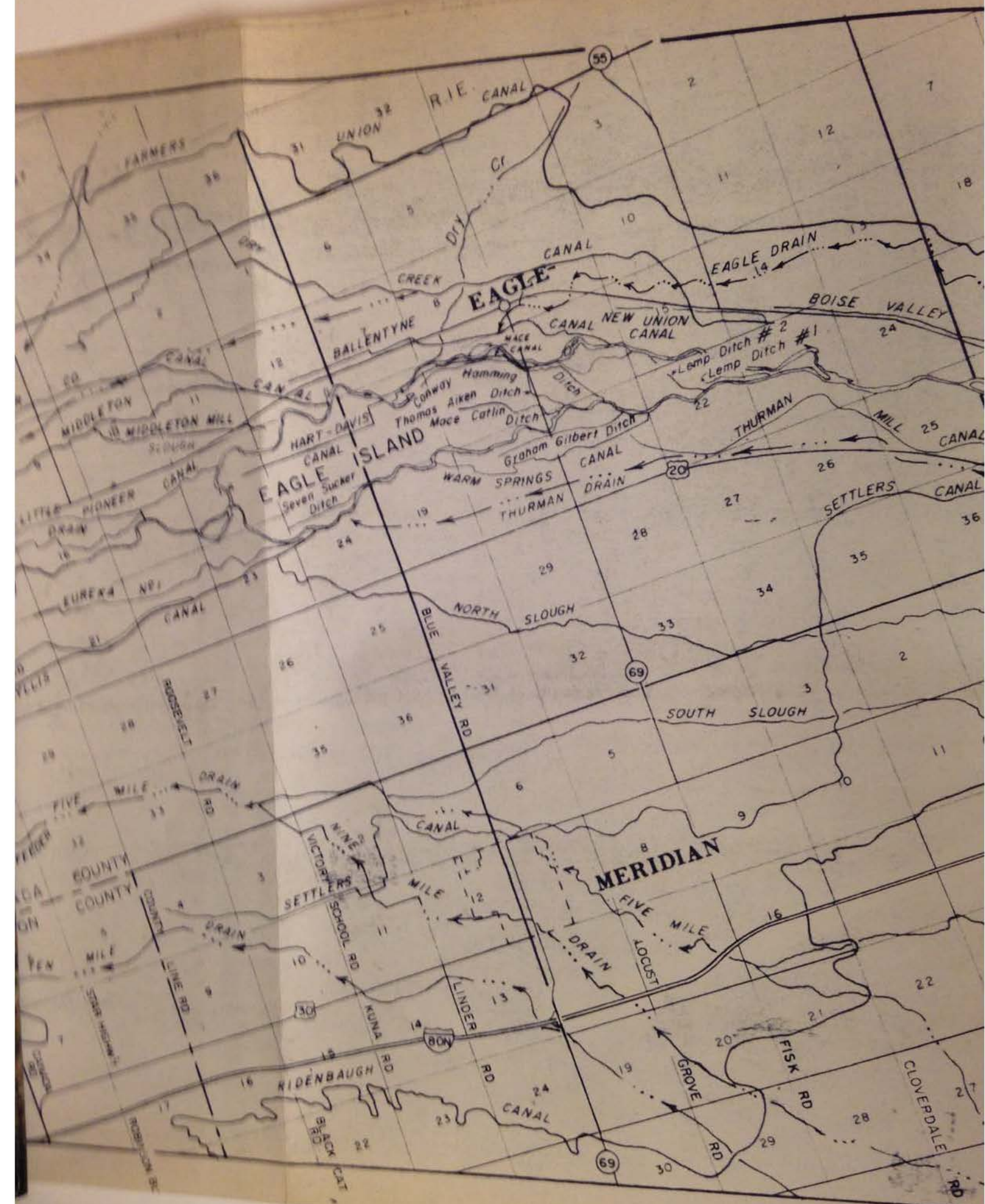


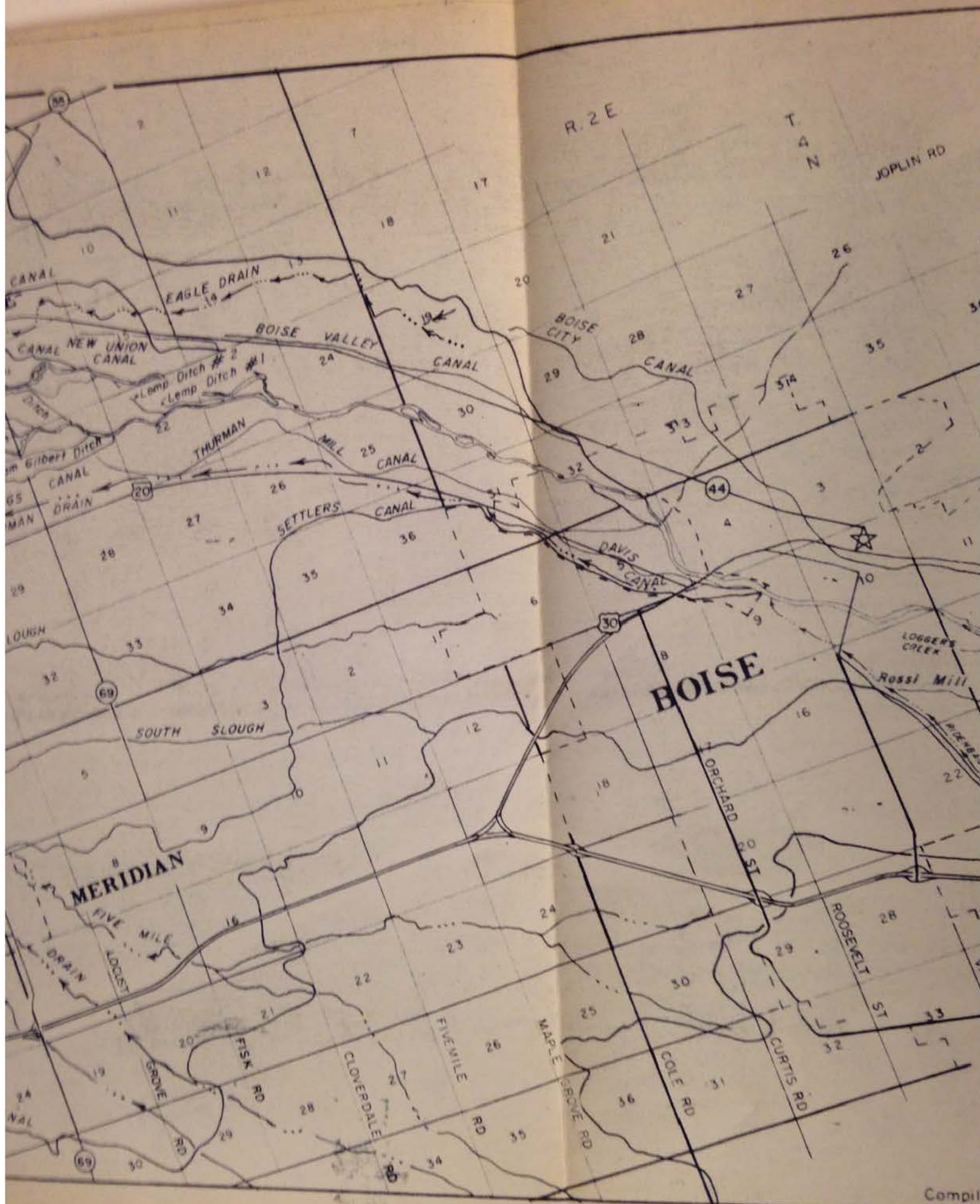












R. 2 E

T. 4 N

JOPLIN RD

EAGLE DRAIN

NEW UNION CANAL

BOISE VALLEY

BOISE CITY

Lemp Ditch #2
Lemp Ditch #1

GILBERT DITCH

MAN DRAIN

THURMAN

MILL

SETTLERS

30

BOISE

SOUTH SLOUGH

MERIDIAN

FIVE MILE

LODEST

DRAIN

FISK RD

CLOVERDALE

FIVE MILE

MAPLE GROVE RD

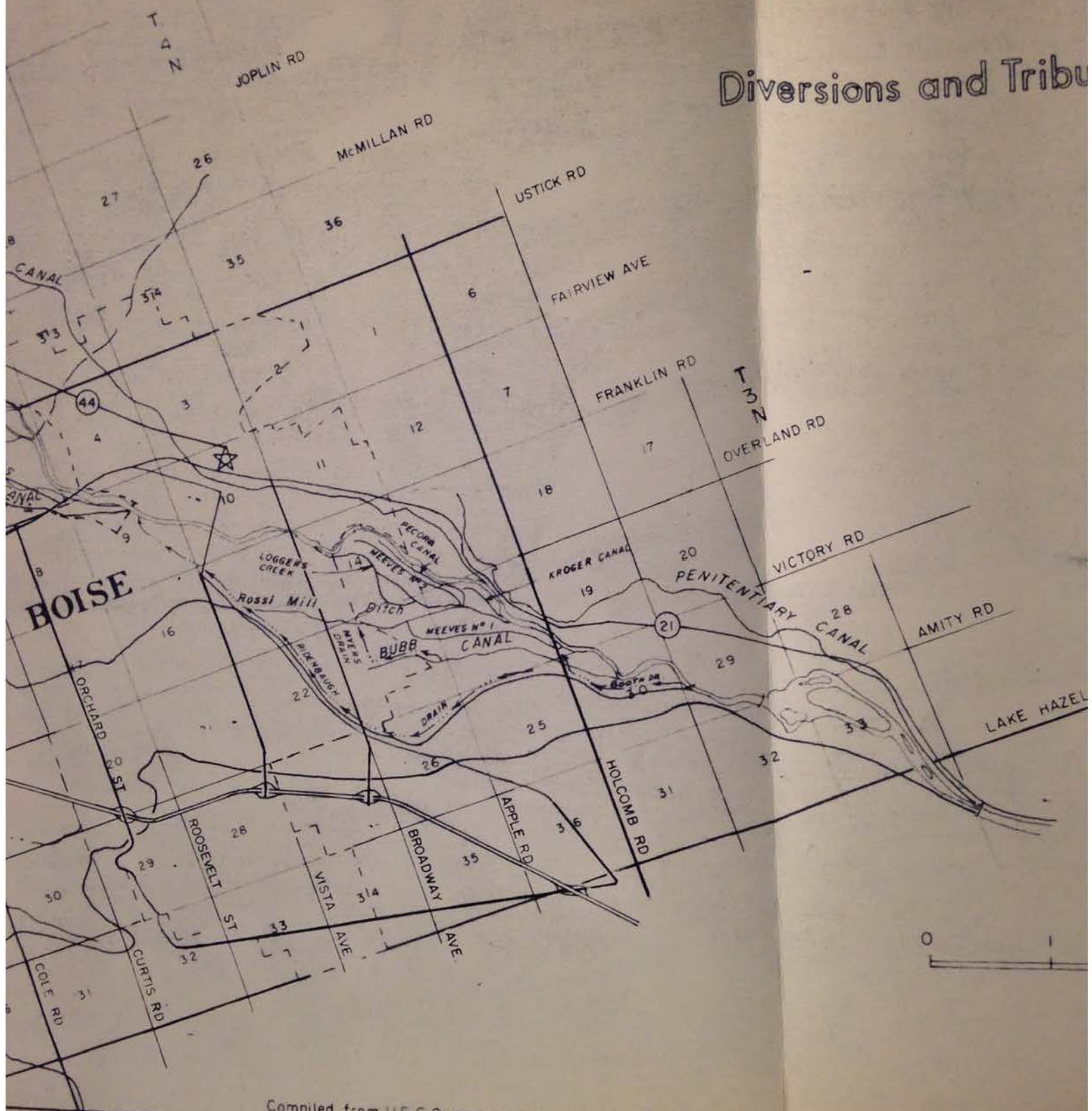
COLE RD

ROOSEVELT ST

CURTIS RD

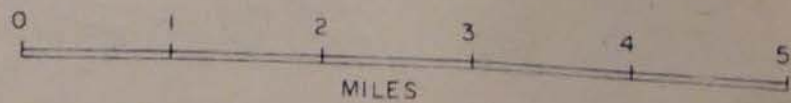
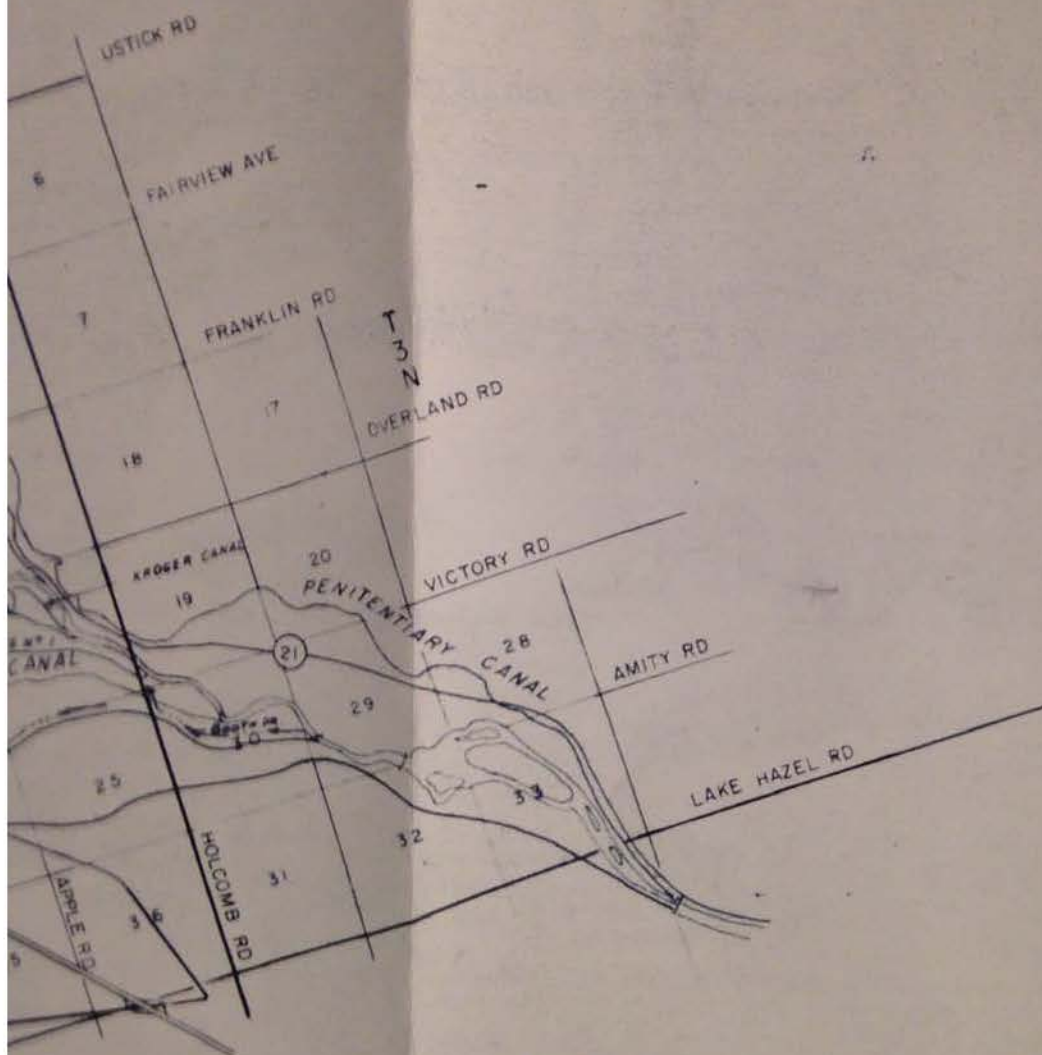
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Diversions and Tribu



Compiled from US G S maps and Idaho Dept of Highway maps December 1967

Diversions and Tributaries along Boise River



NATURAL FLOW OF BOISE

BEGINNING 1941

JANUARY

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

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

JANUARY

	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
8																							
9	778	857	761	699	622	926	1026	929	927	878	884	888	890	886	884	917	1030	1213	1178	982	811	88	
9	1000	1157	1052	1051	841	946	946	621	731	1306	866	756	866	748	976	1119	1263	1311	1178	1323	1388	138	
11	1730	1701	1554	1337	1344	1519	1550	1636	1300	1110	1313	2010	2179	3728	4603	4259	3363	3108	2887	2703	2803	288	
73	670	671	674	676	684	688	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	741	
10	1193	1040	1035	899	902	1300	1461	1305	1169	1032	1034	1035	704	830	739	663	816	806	737	774	778	881	
14	1282	1045	1240	920	878	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1043	1073	1104	883	888	
18	905	903	1186	1033	1074	1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1123	1137	814	828	887	
83	2282	1653	1571	1494	1005	866	810	842	940	948	964	827	872	924	1244	1208	1030	806	760	881	843	788	
22	861	868	773	760	777	824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	703	
94	903	955	952	708	558	884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1238	1237	1186	1271	1018	
48	949	1190	1294	1188	1361	1172	1120	1231	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1204	1171	745	848	
01	1046	936	1194	1463	1735	903	1285	1545	1618	581	1254	1132	974	966	1374	1249	1236	973	1302	1013	1076	1120	
31	1103	1275	1657	1090	1736	2332	1738	1740	1662	2309	4391	3813	2832	2236	1732	1432	1546	1524	1083	1247	1288	1238	
74	1062	995	586	662	975	897	824	955	1091	947	1096	1069	787	699	1242	1207	1239	990	1300	1001	1300	1233	
64	84	955	1198	1206	588	925	750	804	596	567	967	677	93	720	731	1313	1082	728	533	816	886	783	
26	1688	1674	1593	1851	1841	1843	2197	5154	2314	2822	3641	2838	3113	2743	2933	2913	2149	2064	2330	1304	2363	1334	
90	1034	977	681	1008	707	1042	1493	595	1022	687	907	483	1087	1153	727	788	913	998	688	837	822	721	
03	787	1170	1363	1120	910	853	1153	808	932	1216	750	553	546	781	893	1213	747	1093	996	1200	1322	1300	
10	1664	871	860	1010	1639	1733	1350	1523	1413	1010	1443	1033	1032	741	1286	1382	1567	1378	1356	1280	1300	1304	
96	1760	1156	666	959	1091	515	1082	428	688	489	758	598	682	924	1179	963	607	840	1031	880	933	687	
49	673	931	762	660	701	621	805	891	806	438	611	593	515	476	690	657	701	668	630	882	885	883	
77	1237	1495	853	786	1107	770	931	969	843	916	1002	988	596	787	450	557	882	1060	887	610	812	542	
732	619	921	663	347	276	367	498	881	780	1009	659	640	762	466	784	531	524	707	660	111	880	560	
836	670	579	748	788	775	634	544	866	770	934	991	1356	756	797	798	842	1009	966	968	916	741	863	
336	1813	2160	2321	2011	1836	1893	1941	1557	1885	1872	1915	1721	2169	1922	2083	2339	2173	1776	1886	2208	8128	8712	
720	1519	1259	1098	1108	818	1275	1010	1192	730	627	572	830	650	530	1156	1053	1103	784	746	636	802	684	
604	968	673	621	544	809	896	988	998	870	986	767	932	1523	2071	1748	1233	1114	1073	1300	1316	1312	1284	
582	648	1055	626	831	765	783	909	805	953	763	757	736	663	776	1112	703	187	803	531	613	623	826	
469	1561	1288	1139	1493	2041	1658	2298	2055	1759	1508	1293	1808	3639	6236	5379	3263	3570	1288	2473	2338	2133	2285	
641	719	816	873	1274	1088	1102	1413	1537	1670	2488	2060	2677	2473	3784	4324	3034	4261	3990	4063	4337	3384	2113	
030	1535	1635	2007	1596	1574	1464	1548	2302	2584	3892	5749	3933	5901	4913	4297	3687	3128	3406	2863	2773	2234	2433	
029	861	1170	1101	1240	1202	1001	932	1043	1043	1300	1976	1820	3121	5188	4293	2890	2478	2073	1843	1633	1284	1224	
068	872	833	1010	1264	1769	1090	1670	1256	2595	2621	1423	1830	1117	948	826	994	1103	1232	899	901	1138	1031	

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JANUARY

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
9	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
1	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
6	1300	1110	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
4	945	1042	827	824	822	722	790	940	827	828	823	733	748	744	752	24,706
5	1169	1092	1034	1035	704	830	739	663	816	806	737	774	772	684	876	28,135
6	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
3	796	733	1073	1245	1132	1276	865	1119	1114	1125	1157	914	920	987	908	30,182
2	940	848	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
0	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
0	832	706	767	1079	1300	1874	2235	2173	1789	1238	1257	1186	1271	1019	833	31,601
31	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	762	34,974
45	1618	581	1254	1132	974	966	1374	1249	1256	975	1502	1015	1079	1120	1379	34,321
40	1662	2300	4391	3813	2852	2256	1732	1452	1546	1524	1085	1647	1698	1258	1544	50,468
55	1091	947	1096	1069	787	699	1242	1207	1259	990	1389	1001	1500	1635	1687	32,133
04	596	567	967	677	93	720	731	1513	1082	728	753	416	686	783	1075	23,358
54	2314	2822	3641	2838	3115	2743	2933	2913	2149	2064	2359	1564	2367	1434	1192	73,606
95	1022	687	907	483	1087	1155	727	788	915	998	648	837	922	721	544	26,224
08	932	1216	750	553	546	781	895	1215	747	1095	396	1760	552	1399	1186	26,841
23	1413	1010	1443	1033	1052	741	1286	1382	1687	1578	1356	1980	1390	1594	1129	38,233
28	688	489	758	598	682	924	1179	965	607	840	1051	800	753	987	1009	25,832
91	806	438	611	593	515	476	690	657	701	669	649	582	587	895	747	21,227
69	843	916	1002	988	596	787	450	557	882	1069	887	910	912	732	802	27,277
181	780	1009	659	640	762	466	784	551	524	707	960	111	890	750	939	21,806
166	770	934	991	1356	756	797	798	842	1009	966	908	916	741	805	1032	26,085
157	1885	1872	1915	1721	2169	1922	2085	2359	2173	1776	1996	2706	4124	6216	7442	80,198
192	730	627	572	830	650	550	1156	1053	1103	784	746	952	862	684	882	31,584
398	870	986	767	932	1523	2071	1748	1233	1114	1073	1309	1316	1312	1821	2081	32,796
805	953	763	757	796	663	776	1112	723	167	803	753	613	625	892	891	23,520
355	1759	1508	1293	1808	3639	6256	5379	3263	3570	1948	2473	2556	2144	2287	1356	63,968
537	1670	2488	2060	2677	2475	3784	4324	5054	4261	3990	4065	4557	3324	2713	2007	63,529
302	2584	3892	5749	5953	5901	4915	4297	3687	3128	3406	2863	2777	2633	2445	2716	78,012
043	1043	1300	1976	1820	3121	5188	4295	2899	2478	2073	1943	1653	1624	1563	1318	50,502
256	2593	2621	1423	1830	1117	948	826	994	1103	1252	999	901	1158	1031	1100	36,886

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	10.7	10.3	10.0	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5
1942	11.1	10.7	10.4	10.1	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8
1943	11.5	11.1	10.8	10.5	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2
1944	11.9	11.5	11.2	10.9	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6
1945	12.3	11.9	11.6	11.3	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0
1946	12.7	12.3	12.0	11.7	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4
1947	13.1	12.7	12.4	12.1	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8
1948	13.5	13.1	12.8	12.5	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2
1949	13.9	13.5	13.2	12.9	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6
1950	14.3	13.9	13.6	13.3	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0
1951	14.7	14.3	14.0	13.7	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4
1952	15.1	14.7	14.4	14.1	13.8	13.6	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.8
1953	15.5	15.1	14.8	14.5	14.2	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2
1954	15.9	15.5	15.2	14.9	14.6	14.4	14.2	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6
1955	16.3	15.9	15.6	15.3	15.0	14.8	14.6	14.4	14.2	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0
1956	16.7	16.3	16.0	15.7	15.4	15.2	15.0	14.8	14.6	14.4	14.2	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.6	12.4
1957	17.1	16.7	16.4	16.1	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.4	14.2	14.0	13.8	13.6	13.4	13.2	13.0	12.8
1958	17.5	17.1	16.8	16.5	16.2	16.0	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.4	14.2	14.0	13.8	13.6	13.4	13.2
1959	17.9	17.5	17.2	16.9	16.6	16.4	16.2	16.0	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.4	14.2	14.0	13.8	13.6
1960	18.3	17.9	17.6	17.3	17.0	16.8	16.6	16.4	16.2	16.0	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.4	14.2	14.0
1961	18.7	18.3	18.0	17.7	17.4	17.2	17.0	16.8	16.6	16.4	16.2	16.0	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.4
1962	19.1	18.7	18.4	18.1	17.8	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.2	16.0	15.8	15.6	15.4	15.2	15.0	14.8
1963	19.5	19.1	18.8	18.5	18.2	18.0	17.8	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.2	16.0	15.8	15.6	15.4	15.2
1964	19.9	19.5	19.2	18.9	18.6	18.4	18.2	18.0	17.8	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.2	16.0	15.8	15.6
1965	20.3	19.9	19.6	19.3	19.0	18.8	18.6	18.4	18.2	18.0	17.8	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.2	16.0
1966	20.7	20.3	20.0	19.7	19.4	19.2	19.0	18.8	18.6	18.4	18.2	18.0	17.8	17.6	17.4	17.2	17.0	16.8	16.6	16.4
1967	21.1	20.7	20.4	20.1	19.8	19.6	19.4	19.2	19.0	18.8	18.6	18.4	18.2	18.0	17.8	17.6	17.4	17.2	17.0	16.8
1968	21.5	21.1	20.8	20.5	20.2	20.0	19.8	19.6	19.4	19.2	19.0	18.8	18.6	18.4	18.2	18.0	17.8	17.6	17.4	17.2
1969	21.9	21.5	21.2	20.9	20.6	20.4	20.2	20.0	19.8	19.6	19.4	19.2	19.0	18.8	18.6	18.4	18.2	18.0	17.8	17.6
1970	22.3	21.9	21.6	21.3	21.0	20.8	20.6	20.4	20.2	20.0	19.8	19.6	19.4	19.2	19.0	18.8	18.6	18.4	18.2	18.0
1971	22.7	22.3	22.0	21.7	21.4	21.2	21.0	20.8	20.6	20.4	20.2	20.0	19.8	19.6	19.4	19.2	19.0	18.8	18.6	18.4
1972	23.1	22.7	22.4	22.1	21.8	21.6	21.4	21.2	21.0	20.8	20.6	20.4	20.2	20.0	19.8	19.6	19.4	19.2	19.0	18.8
1973	23.5	23.1	22.8	22.5	22.2	22.0	21.8	21.6	21.4	21.2	21.0	20.8	20.6	20.4	20.2	20.0	19.8	19.6	19.4	19.2
1974	23.9	23.5	23.2	22.9	22.6	22.4	22.2	22.0	21.8	21.6	21.4	21.2	21.0	20.8	20.6	20.4	20.2	20.0	19.8	19.6
1975	24.3	23.9	23.6	23.3	23.0	22.8	22.6	22.4	22.2	22.0	21.8	21.6	21.4	21.2	21.0	20.8	20.6	20.4	20.2	20.0
1976	24.7	24.3	24.0	23.7	23.4	23.2	23.0	22.8	22.6	22.4	22.2	22.0	21.8	21.6	21.4	21.2	21.0	20.8	20.6	20.4
1977	25.1	24.7	24.4	24.1	23.8	23.6	23.4	23.2	23.0	22.8	22.6	22.4	22.2	22.0	21.8	21.6	21.4	21.2	21.0	20.8
1978	25.5	25.1	24.8	24.5	24.2	24.0	23.8	23.6	23.4	23.2	23.0	22.8	22.6	22.4	22.2	22.0	21.8	21.6	21.4	21.2
1979	25.9	25.5	25.2	24.9	24.6	24.4	24.2	24.0	23.8	23.6	23.4	23.2	23.0	22.8	22.6	22.4	22.2	22.0	21.8	21.6
1980	26.3	25.9	25.6	25.3	25.0	24.8	24.6	24.4	24.2	24.0	23.8	23.6	23.4	23.2	23.0	22.8	22.6	22.4	22.2	22.0
1981	26.7	26.3	26.0	25.7	25.4	25.2	25.0	24.8	24.6	24.4	24.2	24.0	23.8	23.6	23.4	23.2	23.0	22.8	22.6	22.4
1982	27.1	26.7	26.4	26.1	25.8	25.6	25.4	25.2	25.0	24.8	24.6	24.4	24.2	24.0	23.8	23.6	23.4	23.2	23.0	22.8
1983	27.5	27.1	26.8	26.5	26.2	26.0	25.8	25.6	25.4	25.2	25.0	24.8	24.6	24.4	24.2	24.0	23.8	23.6	23.4	23.2
1984	27.9	27.5	27.2	26.9	26.6	26.4	26.2	26.0	25.8	25.6	25.4	25.2	25.0	24.8	24.6	24.4	24.2	24.0	23.8	23.6
1985	28.3	27.9	27.6	27.3	27.0	26.8	26.6	26.4	26.2	26.0	25.8	25.6	25.4	25.2	25.0	24.8	24.6	24.4	24.2	24.0
1986	28.7	28.3	28.0	27.7	27.4	27.2	27.0	26.8	26.6	26.4	26.2	26.0	25.8	25.6	25.4	25.2	25.0	24.8	24.6	24.4
1987	29.1	28.7	28.4	28.1	27.8	27.6	27.4	27.2	27.0	26.8	26.6	26.4	26.2	26.0	25.8	25.6	25.4	25.2	25.0	24.8
1988	29.5	29.1	28.8	28.5	28.2	28.0	27.8	27.6	27.4	27.2	27.0	26.8	26.6	26.4	26.2	26.0	25.8	25.6	25.4	25.2
1989	29.9	29.5	29.2	28.9	28.6	28.4	28.2	28.0	27.8	27.6	27.4	27.2	27.0	26.8	26.6	26.4	26.2	26.0	25.8	25.6
1990	30.3	29.9	29.6	29.3	29.0	28.8	28.6	28.4	28.2	28.0	27.8	27.6	27.4	27.2	27.0	26.8	26.6	26.4	26.2	26.0
1991	30.7	30.3	30.0	29.7	29.4	29.2	29.0	28.8	28.6	28.4	28.2	28.0	27.8	27.6	27.4	27.2	27.0	26.8	26.6	26.4
1992	31.1	30.7	30.4	30.1	29.8	29.6	29.4	29.2	29.0	28.8	28.6	28.4	28.2	28.0	27.8	27.6	27.4	27.2	27.0	26.8
1993	31.5	31.1	30.8	30.5	30.2	30.0	29.8	29.6	29.4	29.2	29.0	28.8	28.6	28.4	28.2	28.0	27.8	27.6	27.4	27.2
1994	31.9	31.5	31.2	30.9	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.2	29.0	28.8	28.6	28.4	28.2	28.0	27.8	27.6
1995	32.3	31.9	31.6	31.3	31.0	30.8	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.2	29.0	28.8	28.6	28.4	28.2	28.0
1996	32.7	32.3	32.0	31.7	31.4	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.2	29.0	28.8	28.6	28.4
1997	33.1	32.7	32.4	32.1	31.8	31.6	31.4	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.2	29.0	28.8
1998	33.5	33.1	32.8	32.5	32.2	32.0	31.8	31.6	31.4	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.2
1999	33.9	33.5	33.2	32.9	32.6	32.4	32.2	32.0	31.8	31.6	31.4	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.8	29.6
2000	34.3	33.9	33.6	33.3	33.0	32.8	32.6	32.4	32.2	32.0	31.8	31.6	31.4	31.2	31.0	30.8	30.6	30.4	30.2	30.0
2001	34.7	34.3	34.0	33.7	33.4	33.2	33.0	32.8	32.6	32.4	32.2	32.0	31.8	31.6	31.4	31.2	31.0	30.8	30.6	30.4
2002	35.1	34.7	34.4	34.1	33.8	33.6	33.4	33.2	33.0	32.8	32.6	32.4	32.2	32.0	31.8	31.6	31.4	31.2	31.0	30.8
2003	35.5	35.1	34.8	34.5	34.2	34.0	33.8	33.6	33.4	33.2	33.0	32.8	32.6	32.4	32.2	32.0	31.8	31.6	31.4	31.2
2004	35.9	35.5	35.2	34.9	34.6	34.4	34.2	34.0	33.8	33.6	33.4	33.2	33.0	32.8	32.6	32.4	32.2	32.0</		

NATIONAL BUREAU OF BUREAU

REVENUE 1941

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1460	1238	1123	1163	1083	893	1031	1131
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	987	1178	1011	888	948	984
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1435	1646	1758	1771	1581	1833	2123
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	806	1043	887	888	872	881
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2651	1873	1388	1396	1386
1946	1095	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1073	1366	1281	1288	886	1037
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1837	1838	2133	1982
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	881	917	988	1097	1411
1949	682	929	852	933	842	855	943	876	787	694	698	792	700	434	753	831	611	388	1163	1073
1950	833	747	675	1415	1134	1344	1272	1182	1266	1259	1091	990	1163	917	1112	1042	1203	1203	1206	1006
1951	757	835	945	1261	2238	1654	2153	3231	3400	3067	3290	3946	3147	3234	3173	2893	2898	2703	2334	2186
1952	900	1761	2068	1884	1607	1436	1290	1465	1611	1470	1068	1341	1393	1272	920	1187	1743	1713	1013	1306
1953	1128	1301	1834	2664	2912	2320	2086	2300	1921	1772	1697	1533	1519	1505	1493	1384	1466	1358	1308	1380
1954	1567	1410	940	1367	1387	1208	1363	1399	1252	1423	1432	1654	2038	2230	2217	2103	1063	2003	1663	1063
1955	687	545	88	232	942	500	734	661	1374	1388	228	603	610	778	968	960	373	783	683	608
1956	1617	804	1201	1368	1774	1696	1694	3490	2463	4125	1644	3147	1764	1868	1361	1358	1373	1033	1311	1633
1957	8	805	1053	2156	1014	710	986	750	1026	94	1862	753	760	1173	1346	741	1008	843	1046	1044
1958	1213	807	598	1558	897	1182	1005	1034	1201	1098	1211	1217	1392	1037	2689	3853	3803	2700	2106	2086
1959	1284	1019	993	1129	1414	1258	1114	1242	1150	1043	1242	1174	1086	766	1268	1100	1713	1376	1376	1384
1960	793	887	1088	888	905	826	1402	1802	2714	2270	1409	1453	1146	1237	1003	930	880	1113	780	661
1961	1239	913	1003	812	1157	471	864	878	1138	778	1236	1711	1348	1963	846	1302	1303	1208	886	880
1962	758	726	887	886	1034	900	932	1233	948	1226	1746	1874	2337	2533	2173	2248	1836	1813	1086	1336
1963	1684	6541	4042	6708	5523	4627	3771	3176	2849	2478	2312	2003	1830	1691	1816	1688	1646	1388	1363	1263
1964	948	838	1200	895	668	748	821	646	818	1223	804	633	920	1042	880	903	1203	882	1112	803
1965	7577	5853	4996	4606	4135	3991	3561	3300	3321	3318	2744	2403	2622	2878	2756	2401	2286	2403	1383	2333
1966	938	834	785	624	544	1038	889	894	832	918	779	700	928	888	696	882	803	633	1011	863
1967	1920	1593	1297	1383	1396	950	1258	917	1021	1040	1021	1046	1032	1018	1001	1032	633	693	876	1033
1968	990	491	1007	1035	960	503	839	792	683	678	957	847	348	1250	693	803	901	641	1306	1098
1969	2275	1265	1519	1572	1360	1461	1456	1514	1521	1633	1418	1889	1618	1781	1628	1830	1336	1103	1303	1803
1970	2083	2090	1706	1698	1484	1460	1332	1451	1335	1417	1342	1688	2003	2223	2006	1823	2072	2283	2180	1063
1971	2968	3499	3467	3321	3237	2653	2294	2417	2424	2442	2947	3143	2481	3610	3336	3720	3363	3300	3563	3800
1972	1171	1426	1187	1021	1706	1524	1227	1490	1358	1317	1272	1134	1074	841	1833	1333	1338	1057	9033	1803
1973	1078	927	659	996	1393	1152	1066	953	1060	723	1150	1231	1043	1003	932	883	718	1103	1333	800

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

FEBRUARY

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
1857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
1074	1366	1281	1233	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,904
2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
754	841	611	739	1165	1074	1793	(-58)	139	827	1035	(-140)	1795	1045				22,657
1112	1042	1205	1203	1206	1299	1223	1222	1410	1412	1935	2626	2676	2654				37,505
3175	2295	2409	2301	2334	2198	1987	2009	1828	1815	1678	2364	1528	1840				62,939
920	1187	1743	1714	1215	1309	1183	1054	1206	1265	941	1120	949	1511	722			38,535
1495	1324	1466	1309	1398	1550	958	1120	1266	1406	1258	811	1271	1117				44,243
2217	2103	1965	2003	1663	1665	1579	1715	1579	1447	1626	2120	1886	1904				46,144
968	960	574	723	695	962	723	412	861	863	978	697	736	698				20,222
1561	1358	1573	1604	1311	1053	1343	1784	1615	1486	2020	1588	1590	1842	1752			52,235
1346	741	1229	943	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	1430	1396	1226	1341	1230	1154	1050	1030				39,163
1816	1662	1636	1489	1593	1683	2339	1854	1567	1700	1569	1611	2037	1767				73,562
850	903	1205	527	1116	963	1052	977	1060	1113	1096	936	857	1007	1042			26,930
2756	2401	2286	2403	2484	2433	2404	2694	2787	2590	2648	2480	2386	3246				91,303
679	682	804	955	1211	667	758	842	844	786	867	1178	749	1031				23,585
1081	1032	954	995	876	1241	342	873	574	1018	1103	1021	855	1166				30,024
975	822	701	941	1596	1962	3972	4907	3416	4499	4002	3002	2531	2283	2031			49,045
1628	1640	1556	1195	1396	1821	2064	1731	1477	1331	1369	1397	1670	1410				43,567
2006	1844	2072	2284	2120	1961	1804	1808	1828	1848	1878	1904	2001	2004				50,864
3339	3720	3365	3390	3393	3622	2493	3032	2891	2755	2953	2658	2458	2716				83,660
1453	1554	1558	1627	2054	1804	1546	1496	2404	2338	2130	2039	2297	2285	5280			50,513
932	885	718	1195	1445	500	923	949	927	1073	1220	1288	1127	1467				29,085

NATURAL FLOW OF BOI

BEGINNING 194

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	1967
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1688	1527	1468	1432
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304
1946	1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2803
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387
1948	1087	1173	1121	1097	922	930	1157	899	1004	1343	6	1792	844	1088	1059	1126	1219	1228	1032
1949	1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2800	2995
1950	2648	2360	2377	2328	2154	2617	2476	2333	2225	2257	1929	1680	1486	1625	1605	1512	2191	3900	4785
1951	1594	1634	1469	1610	2029	1084	1520	1410	995	1322	1138	1463	1318	1359	1491	2022	1928	1587	1619
1952	1277	1325	916	1270	951	864	750	1289	1202	1187	1575	791	1219	743	1238	1622	918	1949	1592
1953	1424	1403	1427	1098	1399	1165	1524	976	1628	1672	1846	1871	2153	1965	1655	1796	1786	1337	1783
1954	1661	1596	1350	1774	1518	1621	1704	1870	3903	5830	5157	3972	3487	2794	2687	2351	2465	2141	2149
1955	1238	855	810	771	689	852	1053	825	1073	1090	911	753	703	859	801	639	1005	622	1032
1956	2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	2094	534	1473	1789	1575	1532	2794	2508	3242
1957	4123	3591	3195	2692	2752	2847	2741	2633	3376	3824	3272	3425	3264	2610	2484	2356	2937	2692	2435
1958	2711	2292	1534	2014	1587	1821	1427	462	1364	2007	1669	1533	1372	1187	1512	1592	1702	1615	1484
1959	1347	1226	1556	1529	1516	1240	1499	1195	1614	1165	1314	1190	1181	1213	1124	1261	1144	1179	1514
1960	542	205	1006	804	1774	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	1605
1961	1077	866	1028	766	1007	951	920	802	721	1030	889	760	1072	1030	1201	1853	1979	1822	1679
1962	1049	1197	1208	1224	1313	1182	1182	1263	1223	1064	1227	919	1145	1117	1013	1035	840	1013	1065
1963	1852	1424	1539	1426	1257	1316	1275	1289	1294	1300	1230	1406	1289	1145	1097	1202	1178	1097	975
1964	1148	1300	1086	826	1021	1092	1000	921	880	942	914	991	952	976	930	898	898	1053	1260
1965	3363	2531	2886	3330	1915	2782	2927	2909	3201	3372	3686	3471	3449	3504	3260	3404	3249	3515	3263
1966	555	813	847	590	725	849	933	1013	1145	1359	1364	1367	1525	2089	2286	1956	1964	1501	1398
1967	1299	1011	1084	1049	1057	1168	934	961	1182	1046	1284	890	1234	966	1046	1143	864	1245	1477
1968	2792	2245	2276	2332	2344	2513	2468	2299	1915	2064	1796	1706	1724	1624	1721	1572	1751	1617	1471
1969	1374	1522	1779	1495	1472	1668	1809	1314	1739	1442	1300	1354	1404	1549	1825	1505	1678	1997	1933
1970	2210	2691	2439	2294	2009	1906	1858	2071	2538	2599	2349	2348	2168	2155	2372	2781	2896	2599	2411
1971	2484	2082	2103	2397	2444	1473	2801	2055	2065	2089	2405	2602	3113	3489	3290	3062	2817	2738	2474
1972	6302	4985	6083	7300	5401	5092	4896	4989	4829	5325	6749	8216	8522	9120	8603	8486	8855	9585	10958
1973	1461	1947	1516	1502	1552	1347	1302	1335	1307	1204	1570	1453	1176	1243	1248	1031	1220	1647	1470

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MARCH

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
2	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
3	3431	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
4	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
5	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
6	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
7	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
8	1126	1219	1288	1032	1160	913	1061	1117	1133	1514	1383	1382	1209	1543	2076	2080	36,698
9	2425	2731	2800	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
10	1512	2191	3900	4785	3688	3185	3006	2879	2728	2773	2855	2715	2572	2294	1968	2237	77,388
11	2022	1928	1587	1619	1817	1817	2533	2601	2395	2538	3130	2173	4188	3971	3203	3578	62,536
12	1622	918	1949	1592	1521	1790	1934	1937	1186	670	2625	2871	3377	3221	3833	3867	51,510
13	1796	1786	1337	1783	1997	1830	1830	1680	1877	2659	2967	2939	2966	3408	3928	5376	63,365
14	2351	2465	2141	2149	2119	2038	2091	1880	1993	2050	1942	2093	2397	2149	2100	2036	74,918
15	639	1005	622	1032	895	697	766	1108	680	593	1318	999	678	715	1696	1244	27,970
16	1532	2794	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7304	6699	6295	6332	114,129
17	2356	2937	2692	2435	2677	3212	2855	2313	5227	3828	2810	2730	2830	2819	3563	4933	97,046
18	1592	1702	1615	1484	966	1708	2745	3029	2485	3276	3070	2627	2901	3040	2648	2967	62,347
19	1261	1144	1179	1514	1398	1351	1438	1455	1532	2174	1729	1953	1914	1953	2119	2248	46,271
20	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415
21	1853	1979	1822	1679	1707	1843	1771	1679	2573	2414	2072	2459	1909	1971	1713	2051	45,615
22	1035	840	1013	1065	1488	1448	1494	1697	1184	1420	1506	1866	1960	2057	2053	2084	41,536
23	1202	1178	1097	975	1174	1040	1268	1551	1550	1465	1341	1408	2060	3680	2616	2208	45,952
24	898	898	1053	1260	1057	1249	1406	1255	1053	1190	1462	1286	1259	1359	1600	2345	35,609
25	3404	3249	3515	3263	3161	3016	2638	2899	2694	2360	2705	2885	2521	2452	2597	2820	92,765
26	1956	1964	1501	1398	1306	1606	1264	1195	1153	1196	1393	1945	2708	3152	3641	4142	48,980
27	1143	864	1245	1477	1530	1035	1890	1650	1919	2011	1734	1842	1742	1882	2077	1538	41,790
28	1572	1751	1617	1471	1440	1393	1427	1439	1786	1871	2159	2044	1644	1850	1935	2378	59,646
29	1505	1678	1997	1933	2174	2118	2150	2522	3004	2684	2974	3391	4205	4209	5775	6602	71,964
30	2781	2896	2599	2411	2258	2199	2271	2312	2269	2611	2713	2642	2546	2636	2839	2460	74,510
31	3062	2817	2738	2474	2389	2693	2912	3301	3964	4499	5083	6644	6828	6589	6178	6684	105,747
32	8486	8855	9585	10958	10511	8869	8433	8962	9833	8996	7690	5841	5521	5227	4724	4390	223,293
33	1031	1220	1647	1470	1176	1452	1377	1530	1484	1892	1771	2001	1993	1827	1767	1659	46,460

NATURAL FLOW OF BOISE RIV

BEGINNING 1941

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963	2670
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	6527	6620	6098	5858
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312	22450
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015	2274
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2833	3445	4460
1946	6008	4982	4552	4717	4841	5216	6160	6164	6222	5847	5218	5919	7596	10219	12352	13581	14780	17389	18812	18660
1947	4810	4145	4006	3747	3576	3468	3434	2289	3477	2684	2917	2808	3062	3230	4471	5632	6149	6379	6439	6284
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10535	8536	6896
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5886	7130	7763	9413	10308
1950	2888	3787	4629	4125	4107	3895	4251	4659	5124	4670	5841	5821	6521	7418	7543	7141	8012	8713	9289	8968
1951	3609	3674	4934	5892	7194	8634	9861	10722	10963	10360	10651	9941	9843	11541	11209	13094	10778	11159	11616	11612
1952	3257	3410	3399	3712	4754	6669	8193	9277	7784	6989	6942	7143	8548	9935	11088	9967	10520	12544	14976	14725
1953	4733	3869	3833	3881	4380	4107	4957	3346	3502	3669	2608	2514	2635	2480	1856	2836	2255	3181	3909	3531
1954	1854	1675	1808	2259	3119	4933	5009	4438	4362	4339	3939	4072	4879	6936	7452	7233	7449	9296	10020	9628
1955	1222	1007	1639	1090	1161	1218	1436	2087	2675	3028	3344	2583	1928	2156	1764	1674	1764	2184	2109	2192
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497	14959
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132	6122
1958	2915	3061	3506	3911	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371	6712	7606	8555	9242	8944
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5227	4912	4487	3814	3799	3649
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182	4772
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2297	2346	2087	3175	4469	4050
1962	2688	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4455	5557	6996	8598	8570	8559	9027	10169
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3959	4432	3516	3092	2913	3106
1964	3694	4487	3919	3680	4020	4352	3938	3744	3812	4341	5212	5891	4233	3896	4063	4865	5505	4471	4524	4556
1965	3160	4099	6098	5322	5339	5508	6152	6046	6034	6833	6161	5868	5878	6459	7256	8547	10007	9260	8789	12273
1966	5060	5170	5575	4908	4200	3951	4352	4745	4953	5404	5750	4817	4292	3703	3933	3753	4559	4971	4464	3739
1967	1866	1502	1505	1523	1774	2302	2053	2040	2234	2257	2718	2728	2741	2944	3155	2986	2738	2389	2321	3000
1968	2511	2859	3177	2985	2942	3113	2833	2578	2321	2242	2397	3013	2950	2904	2723	2773	2597	2521	2261	2381
1969	8134	8871	9402	10143	10081	11500	13417	11777	9706	9890	10362	11117	10887	11770	11006	10361	10181	10526	12042	11193
1970	8516	8247	8370	8248	8249	8650	3545	4343	3952	4006	5127	4799	4166	3991	3672	3231	2937	2884	3038	3283
1971	7027	6466	6414	6492	6755	7533	8465	9539	9507	9374	8938	7977	7229	7614	8612	9736	10380	9911	9406	10088
1972	4902	4876	5204	6512	6586	7497	9010	9080	8002	7873	7222	7185	6841	6296	5404	5886	5793	5712	5269	5138
1973	1799	1699	1676	1667	1989	2187	2358	2523	2156	2317	2424	2511	2871	4685	4343	4046	4007	4027	3557	3194

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

APRIL

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
309	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
731	9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
265	21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
841	2721	2302	2377	2310	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		82,000
985	2296	2082	2706	2888	3445	4460	6135	7701	6650	6101	5125	4326	3792	3729	3768	4622		101,184
1219	12352	13581	14780	17309	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
1230	4471	5632	6149	6379	6439	6284	6172	6318	6123	6001	5481	5356	5760	6190	6992	7300		144,700
2437	2518	3724	5472	10585	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
5943	5790	5886	7130	7763	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
7418	7543	7141	8012	8713	9289	8968	9687	11164	11174	10063	7848	7196	6937	7247	6579	6012		201,309
1541	11209	13094	10778	11159	11616	11612	10306	9734	8254	8001	8088	7476	7865	8281	11575	11017		278,484
9935	11088	9967	10520	12544	14976	14725	12961	12931	13206	13984	17015	18667	22302	23429	21634	18984		338,945
2480	1856	2836	2255	3181	3909	3531	6349	7202	9882	9941	10535	9020	9669	11656	12779	9568		164,683
6936	7452	7233	7449	3296	10020	9628	8427	7933	8059	8101	8442	8974	8939	9397	9390	8438		190,860
2156	1764	1674	1764	2184	2109	2192	1887	2528	3387	3314	2892	2590	2950	2668	2198	2241		64,916
0213	11061	12390	13489	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13854	13131	11892		318,251
6719	6943	6944	6696	6323	6132	6122	6532	6317	6556	6892	6880	6243	5500	5385	5949	7427		180,628
5274	6371	6712	7606	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565		161,889
5598	5227	4912	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025		138,367
7136	6422	5500	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3885		179,494
2392	2297	2346	2087	3175	4469	4050	3214	3265	3260	2072	2364	2358	2186	2368	2765	2835		86,032
5557	6996	8598	8570	8559	9027	10169	11343	9548	8780	8620	9355	8675	8000	8306	8152	6612		203,928
2882	3939	4432	3516	3092	2913	3106	2831	2487	2413	2531	2412	2571	2858	3276	3528	4028		90,149
3896	4063	4865	5505	4471	4524	4556	4945	5258	5310	4826	3814	3665	3757	3326	3702	5277		131,083
6459	7256	8547	10007	9260	8789	12273	16365	20258	20854	18531	17595	17086	16351	16794	16395	16772		312,090
3703	3933	3733	4559	4971	4464	3739	3487	3107	2968	2830	2930	3267	3397	3332	3001	3533		124,151
2944	3155	2986	2738	2389	2321	3000	2460	2426	2157	2105	2099	2106	2198	2209	2604	2075		69,215
2904	2723	2773	2597	2521	2261	2381	2229	2203	2018	2000	2170	2313	2169	2227	2288	2672		76,364
11770	11006	10361	10181	10526	12042	11193	10447	10772	13232	15935	15071	12032	10124	9214	8729	9170		327,092
3991	3672	3231	2937	2884	3038	3283	3045	2800	2837	2752	2863	2746	2808	2580	2584	2565		94,834
7614	8612	9736	10380	9911	9406	10088	11573	12622	12336	11545	10590	9870	9505	9295	9328	10054		274,181
6296	5404	5886	5793	5712	5269	5138	5195	5746	5820	6000	6891	6703	6355	6855	8157	9127		197,137
4685	4343	4046	4007	4027	3557	3194	2803	2668	2804	2852	3103	3434	3780	4282	4433	4160		90,355

NATURAL FLOW OF BOISE

BEGINNING 1941

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5129	7386	8408	7496	6193	5543	5536	5708
1942	3999	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	3906
1943	13118	14472	15282	15085	15650	14752	12884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	6906
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	5688
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	6601
1946	11798	10583	10259	10837	12416	13481	13844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	10750
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	7143
1948	4839	4538	3728	4393	4204	4307	5959	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750
1949	8007	7859	7339	6690	6507	6211	6444	7197	8178	9179	9784	10290	11540	11885	12413	12829	11584	12100	11233
1950	5296	6568	5497	6494	5130	5004	4336	4438	5086	4557	5445	5562	6917	9553	11897	13368	13673	12924	12338
1951	9166	8345	7297	7238	7299	8201	9727	12301	11980	12328	12460	13137	12371	10539	9707	8739	9206	10377	11258
1952	14339	15047	16512	18001	18955	15799	16476	15533	15390	15082	14555	13359	16047	16522	16170	14230	12349	11652	12802
1953	7935	6443	5512	5136	4792	6975	7543	8156	7593	6041	6151	5339	5134	5266	5443	5816	6208	7529	7119
1954	7649	6395	5818	6257	6124	8165	8936	9704	10854	11776	13307	12854	11973	11088	10493	10814	11452	12331	12276
1955	3601	4105	4040	3296	4134	5011	6697	7088	8417	8309	7326	7939	7918	7917	6984	5892	4734	4318	4549
1956	10218	10200	9871	10211	10496	10826	11384	10702	11094	11328	10238	9987	8960	8698	7933	8258	9716	11258	14370
1957	9409	10872	11712	11176	10375	9666	11185	12224	12850	12759	13083	12803	13328	13687	13506	13044	13377	13270	16619
1958	4928	6924	8263	9839	11248	13513	14715	13949	13445	14578	15390	17413	17483	14213	12587	12839	12626	15234	17097
1959	5870	7805	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040	7963	7080	6054
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6909	8763	10699	11842	11130	8927	7912	7473	6667	6028
1961	3605	3983	4617	4084	4042	3808	3334	2429	3246	2857	4098	3591	3619	3057	3477	4048	3907	4219	3877
1962	5923	5454	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872	5189	5656
1963	5324	5703	5653	5674	5329	5798	6273	6450	6695	6577	6139	5546	5105	5078	4751	4947	5387	5940	6881
1964	7016	7799	6326	5226	4862	4139	4017	4340	4358	4562	5850	6130	6761	7602	8271	8506	9883	9949	9920
1965	20503	19705	17118	14545	13382	11788	10434	8291	9438	8986	8298	9611	11222	12687	14355	15060	15555	16142	15059
1966	2953	2974	3397	4545	5655	6340	7666	8082	7676	8225	7761	7303	5982	5063	5044	4127	4032	3783	3695
1967	1974	1734	1825	2055	2322	2523	3457	4587	6759	7886	8157	6279	5159	4313	4099	5150	7036	9056	10116
1968	3707	3910	4448	4102	4785	4681	3950	3401	3149	3253	3505	3978	4484	4568	4186	3518	2842	3045	3392
1969	8412	8161	7515	7224	7211	8197	9647	11346	12959	14478	15175	15306	15251	14736	15503	15133	14151	12841	13059
1970	2640	2864	3509	4953	6718	8831	10103	11354	7914	8348	8112	6709	6292	4875	5453	4900	6311	9647	13481
1971	10959	12680	15962	18576	18600	18022	17645	17624	17953	17779	17985	18414	18989	20253	19203	17182	16564	14143	12074
1972	8101	7530	7725	8999	10745	12437	12976	14066	14162	12567	11829	11362	11766	12342	13746	14976	15526	16345	14871
1973	3885	3718	3588	3820	3943	4076	4000	4508	5044	4767	4554	4346	4571	5147	5508	6605	7449	8334	9289

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MAY

	13	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
36	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620		182,668
44	4131	4093	3815	3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560		162,788
51	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835		361,402
59	7638	7270	6342	5688	5036	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576		151,604
55	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6432	6932	7120		236,573
70	9087	9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956		325,830
84	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497		272,882
109	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342		252,896
113	12829	11584	12100	11233	10978	10319	9262	8496	8361	7507	8278	8103	9373	9361	9521	9007		285,835
897	13368	13673	12924	12338	9612	9297	10852	12137	13534	13021	11443	11008	11542	11799	11588	11627		281,543
707	8739	9206	10377	11258	11492	11650	11353	12580	12793	13796	12825	12646	13881	14065	12879	10811		342,447
170	14290	12349	11632	12802	12544	13861	13677	12966	11778	13056	14013	15735	13838	14449	13520	12560		450,817
443	3816	6208	7529	7119	9354	9160	7865	7064	6757	5481	5115	4725	4821	8039	6181	6898		201,791
493	10814	11432	12331	12276	13444	14660	13697	11100	9763	8933	8649	7664	6614	5783	5228	4974		298,775
984	5892	4734	4318	4349	5889	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712		198,635
7933	8258	9716	11258	14370	15780	16976	18860	19581	20134	22949	20931	19423	19484	17472	16500	16839		420,677
5506	13044	13377	13270	16619	16752	16930	12150	11422	10232	9263	8974	9657	10360	11241	12253	12791		376,970
2587	12839	12626	15234	17097	18188	21254	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326		473,187
7832	9040	7963	7080	6054	5228	4541	4930	4240	4322	4512	4193	4039	4271	4133	3980	3901		165,797
8927	7912	7473	6667	6028	5170	5073	4941	4367	4461	3891	3735	3766	3948	4148	4736	5599		187,181
3477	4048	3907	4219	3877	4241	5448	5761	5954	6612	7773	7721	7830	7495	6624	6442	7610		149,409
5976	6170	5872	5189	5656	6199	6284	6047	5717	6431	7609	7251	7021	6491	6557	6308	6731		203,229
4751	4947	5387	5940	6881	8164	8736	9586	10149	11480	11183	10794	10233	9380	9276	9198	9029		226,458
8271	8506	9883	9949	9920	10053	10938	10763	9732	8614	7798	7008	7457	7523	7869	7611	7757		228,640
4355	15060	15555	16142	15059	14140	14144	14677	15194	15156	14067	12773	11853	12018	12361	13826	15728		418,116
5044	4127	4032	3783	3695	3808	4193	4794	5282	4618	4260	4233	4797	5317	5925	6032	6015		163,577
4099	5150	7036	9036	10116	11138	11392	11900	13697	15178	15598	14202	11443	10418	11078	11004	10037		241,572
4186	3518	2842	3045	3392	3991	6212	6092	5605	4966	4677	4540	3949	3628	3703	4058	5318		129,643
15503	15133	14151	12841	13059	12634	11537	10399	10076	10967	11394	12672	13146	12396	10897	9837	9901		362,161
5453	4900	6311	9647	13481	13590	13932	12633	11660	14472	13140	13797	14685	14847	12533	10667	9541		288,505
19203	17182	16564	14143	12074	10706	9830	9058	8672	8910	9231	10126	12161	14400	15838	16027	15741		461,307
13746	14976	15526	16345	14871	13565	13181	12620	11234	10194	9774	9868	9772	10727	12353	14460	16312		376,131
5508	6605	7449	8334	9289	9555	8720	7848	6641	6196	6364	6991	5801	4988	4634	4548	4671		174,109

NATURAL FLOW OF BOISE RI

BEGINNING 1941

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612	445
1942	6271	5732	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420	511
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871	1258
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506	358
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806	646
1946	7950	7533	7763	9115	10131	9775	8965	8249	7785	7457	7621	6965	6209	6199	6482	6365	5913	5539	5244	505
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4350	4903	4539	4785	4962	5051	5334	510
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495	4918
1949	8699	7652	6364	5665	5905	5817	6324	6597	7045	7415	7043	7446	6959	6315	5459	4899	4940	4153	3798	3618
1950	11474	11539	11330	10773	10648	10989	11703	11065	9479	8074	7526	8071	8765	7834	8115	8634	9085	9759	8926	9710
1951	9487	8447	7815	6970	6177	7805	6913	6277	5708	5396	5479	6034	7203	7536	8584	9851	10463	10017	9533	8705
1952	12410	11937	11735	13213	13471	13830	13581	13854	11979	12614	10938	10492	7689	7938	7471	7157	6311	6438	5554	6755
1953	9429	7336	8969	8880	9395	9933	9685	11613	6482	8841	9177	10758	13803	14790	13028	11255	11285	12359	12650	11478
1954	5209	4707	4385	4038	4415	4753	4700	4500	4322	4429	4617	4547	4386	4684	5270	6412	6806	6022	5342	5289
1955	6665	6794	6046	6080	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760	5810
1956	18159	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561	7223
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7862	6677	6235	5575	5046	5094	5582
1958	12658	11471	10461	10328	9988	9513	10055	10402	10499	10045	9345	8848	9282	8774	8230	7494	8033	8428	8462	8155
1959	3900	4148	5030	5848	6420	7308	8523	8266	7246	6374	6120	5707	6829	8182	8097	7934	6442	6576	6556	6426
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575	4208
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4923	5095	3585	4531	3622	3459	3333	3142	2892
1962	6631	6960	7599	8823	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671	7908
1963	9315	8852	8018	7732	7905	7631	6881	6681	6484	7143	6852	6110	6453	7112	7817	8486	8495	8559	7644	7509
1964	6911	7508	8650	8393	8594	8456	9027	9249	8072	7337	6629	6329	5640	5471	5789	6545	8214	7688	7064	6263
1965	16246	14692	14116	15031	15908	15845	16184	15912	16274	16537	16415	16777	16910	15016	12332	10399	9527	8926	8747	8667
1966	5469	4699	4352	3907	3554	3315	3194	3320	3144	3452	3537	3384	2879	2756	2790	3020	3044	3263	2217	3257
1967	8946	10050	9084	8166	7859	9244	9134	8763	9211	9332	8758	9028	8307	7998	7893	8286	8955	9786	9938	10077
1968	5100	4910	5643	7048	6327	5870	6614	5669	6051	5767	5440	5346	5280	4985	4435	4095	3986	4249	4532	4845
1969	10112	9092	8696	8950	9641	10373	10259	9591	8927	8699	8725	8109	7055	6745	6116	5838	5487	4878	4772	4808
1970	8806	8826	10123	11832	13419	13226	12755	12989	13370	13097	10574	8591	7795	7415	7225	6986	6592	6511	6717	7629
1971	14218	12808	11211	9900	9184	8962	8976	9707	11593	13300	13351	13007	12901	13363	13599	12558	12176	12155	11893	11074
1972	17776	19559	19285	17750	16619	15280	15631	17421	18600	18558	18508	16036	13337	11331	10927	11285	11641	11630	11040	9378
1973	5003	5023	4986	4391	4411	4039	4259	4626	4936	4953	4948	4222	3795	3862	5323	4665	3728	3541	3221	3029

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JUNE

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468			133,388
6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701			181,187
10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755			313,877
4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004			123,863
6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3969			202,998
6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3467	3541	3406			189,411
4539	4785	4962	5031	5334	5103	4814	4215	3548	3663	3798	3631	3738	3324	2971	2842			148,620
7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476			229,853
5439	4899	4940	4153	3798	3618	3623	3421	3111	3262	3094	3073	2911	2608	2619	2377			152,212
8115	8634	9085	9739	8926	9710	9794	10318	10052	8978	7742	6845	5212	6581	6984	8136			274,141
8584	9851	10463	10017	9533	8705	8506	7929	7085	6458	6370	5933	6313	5807	5948	5641			220,290
7471	7157	6311	6438	5554	6755	6336	5379	5548	5239	5379	5419	5276	5236	4724	5238			259,141
13028	11255	11285	12359	12650	11478	10079	9422	9291	9365	9096	8038	6925	6975	6895	7246			294,478
5270	6412	6806	6022	5342	5289	5580	6370	6892	7729	7691	7429	9902	7880	6139	5388			169,833
7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4104			209,680
9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603			291,294
6677	6235	5575	5046	5094	5582	5913	5501	5085	5021	5504	4690	5069	5091	5358	5073			259,006
8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083			250,783
8097	7934	6442	6576	6556	6426	6383	6351	6145	5574	4988	5223	4157	3920	3117	3288			181,078
5896	6316	5860	5021	4575	4208	3939	3374	3303	3094	3080	2997	3013	2624	2403	2652			166,675
4531	3622	3459	3333	3142	2892	2500	2296	1987	1932	1762	1738	1707	1359	1273	1116			114,693
7798	7656	8035	7180	7671	7908	8388	7736	7496	6954	6273	6728	6529	5658	5148	4655			212,699
7817	8486	8495	8559	7644	7509	7389	7767	6572	5182	5102	4624	4128	4222	4718	4569			205,952
5789	6545	8214	7688	7064	6263	5613	5641	4962	5106	5478	6052	6564	6288	5414	4981			203,928
12332	10399	9527	8926	8747	8667	9854	10825	11692	12609	12340	11663	12206	10268	9026	8500			389,444
2790	3020	3044	3263	2217	3257	2621	2356	2282	2305	2040	1778	1922	1774	1448	1945			89,024
7893	8286	8953	9786	9938	10077	10865	11815	10859	7954	7429	7070	7048	7771	6969	6458			263,053
4435	4095	3986	4249	4532	4845	4930	4259	3836	3591	3245	3090	2746	2428	2670	2316			139,303
6116	5838	5487	4878	4772	4808	4738	4423	4257	4487	4931	4323	3767	3780	3292	3237			198,108
7225	6986	6592	6511	6717	7629	8162	9474	9971	10012	9529	8723	8315	8810	8764	9516			285,754
13599	12558	12176	12155	11893	11074	11105	12423	13466	13930	12600	11922	13434	11743	9688	8060			354,307
10927	11285	11641	11630	11040	9378	8434	8052	8097	8094	7515	6809	6039	5751	6068	6327			372,778
5323	4665	3728	3541	3221	3029	2720	2718	2667	3068	2621	2614	2610	2620	2538	2404			113,541

NATURAL FLOW OF BOISE

BEGINNING 1941

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	2322	2243	2092	1988	2114	1578	1751	1612	1641	1462	1425	1359	1289	1414	1279	1385	1197	1289	1147
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108	2075	1941	1913	1883	1732	1679
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5338	5040	5053	4694	4405	4363
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1809	1680	1737	1605	1432	1576	1544	1403	1508
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555	2355	2179	2136	2081	1791	1789
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2373	2385	2246	1949	1825	1810	1555	1820	1720	1568
1947	2782	2548	2736	2656	2687	2532	2413	2406	2537	2125	2244	2144	1825	1807	1814	1681	1557	1504	1404
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1736	1500	1614	1522	1362	1355
1949	2294	2260	2150	2128	2121	2094	2269	2067	1736	1699	1705	1662	2302	1357	1481	1440	1295	1244	1104
1950	8217	8402	7729	7344	6707	6356	6114	5721	5235	4323	5143	3939	3924	3506	3215	3369	3035	2818	2518
1951	5444	5458	5281	5084	5275	4488	4558	3960	3758	3835	3622	3408	3003	2998	2845	2940	2681	2766	2448
1952	4669	4151	3932	4208	4487	3143	3848	3333	3218	3076	3152	3534	3300	3177	2507	2564	2219	2354	2504
1953	7247	7169	6741	6586	6778	6412	6905	5985	6033	5369	5284	5022	4683	4618	4497	3800	3229	3205	2872
1954	5109	4877	4529	4360	4410	4445	4208	4228	3523	3367	3170	3119	2958	2756	2748	2948	2581	2549	2358
1955	3473	3184	2743	2676	3036	2560	2832	1883	2303	2361	2751	2133	2506	2465	2116	2312	2027	2196	1963
1956	5291	4759	4458	4281	3976	3916	3949	3804	4021	3266	3583	3423	3858	2854	3341	3069	2438	2619	2616
1957	4843	4563	4422	3840	3605	3299	3239	2994	2949	2714	2453	2702	2577	2035	2157	2286	1967	1814	1697
1958	4113	3444	3513	3324	3253	3197	2988	2733	2786	2580	2621	2242	2188	2170	2145	1957	2225	1777	2134
1959	3072	2569	2524	2726	2485	2262	2345	2267	2176	1814	1888	1902	1746	1671	1528	1795	1538	1323	1340
1960	2124	2136	2040	1947	2087	2086	1714	1753	1572	1647	1421	1451	1151	1476	1242	1473	1079	1247	1136
1961	1011	985	1669	1329	1260	1002	1311	1066	1021	998	969	1002	1020	995	836	799	900	608	773
1962	4588	4326	3991	3533	3329	2993	3096	2914	2549	2827	2431	2345	2388	2241	2261	2074	1950	1682	1772
1963	3998	3563	3599	3904	3691	3719	3327	3187	3107	3029	2802	2678	2461	1975	2595	2369	2138	1952	1563
1964	4714	4550	4525	4187	3895	3671	3589	3167	3082	3028	2813	2609	2443	2385	2277	2153	1898	2106	1857
1965	8567	8759	8336	7977	8208	8593	7919	8033	7635	7867	7118	6426	5829	5229	4902	4894	4779	4570	4694
1966	1886	1177	1436	1410	1416	1123	1226	1007	786	1108	954	998	862	830	693	651	723	718	165
1967	6365	5985	5564	5221	5065	4523	4248	3494	3490	3228	3156	2900	2696	2511	2369	2167	2239	2342	2208
1968	2081	1686	1727	1601	1587	1725	1527	1446	1560	1511	1451	1454	1379	1238	1136	1126	1103	1103	1034
1969	2880	2804	2607	2747	2705	2739	2862	2818	2615	2496	2422	2256	2519	2231	2174	2064	1912	1829	1757
1970	7292	5629	5432	5384	5233	5293	4873	4392	4056	3828	4584	4173	3339	3265	3018	2664	2800	2501	2534
1971	7281	7332	7399	7436	7164	6518	6245	6152	5755	5754	5905	5427	5030	4878	4753	4678	4518	4564	4287
1972	6486	6094	5750	5201	4973	4693	4811	4621	4291	3993	3638	3563	3437	3376	3240	3175	2773	2727	2538
1973	2191	1957	2107	1641	1735	1670	1405	1597	1160	1039	1420	1170	1143	220	2350	1164	1071	930	879

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
3229	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
3376	3240	3175	2773	2727	2538	2483	2318	2345	2582	2001	2087	1963	1995	1925	1795	1762	1623	104,259
220	2350	1164	1071	930	879	874	1083	1208	950	1069	876	838	869	704	1036	562	636	37,554

NATURAL FLOW OF BOISE RI

BEGINNING 1941

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	991	891	848	894	776	760	706	873	706	600	740	1357	1754	1117	913	854	877	861	1240	962
1942	1036	1059	1043	1031	827	1049	826	849	949	769	890	705	837	672	906	639	617	718	677	567
1943	2472	2509	2404	2325	2303	2145	2016	1848	1868	2033	1608	1490	1672	1704	1570	1432	1519	1397	1520	1192
1944	1032	1089	1124	1007	865	917	731	675	1018	820	650	665	674	707	647	621	644	703	619	499
1945	1113	1029	1248	985	1109	992	1039	1307	979	988	1084	926	890	840	788	853	767	801	635	735
1946	1325	1289	1241	1032	1020	1124	1138	993	947	870	867	870	895	684	933	734	989	500	772	811
1947	865	900	972	902	913	857	796	799	631	735	737	761	649	733	699	698	696	683	693	692
1948	822	842	841	811	789	782	775	759	748	745	751	751	735	715	694	697	693	683	693	682
1949	714	1286	686	531	614	519	568	576	606	736	686	737	708	848	758	765	892	700	745	690
1950	1557	2489	1707	1301	1602	1840	1591	1597	1323	1350	1472	1452	1300	1400	1136	1127	1017	1025	949	976
1951	1515	1604	1521	1631	1721	1769	1389	1309	1254	1341	1165	1414	892	1130	968	867	816	1110	976	759
1952	1299	2104	1336	1563	1186	1213	1262	1486	1364	1243	1214	1188	998	1392	1495	804	823	1077	948	1009
1953	1536	1670	1619	1409	1501	1490	1492	1230	1206	1197	1027	1203	1314	962	1178	1293	1130	1048	1017	1208
1954	1329	1415	1293	1140	1100	1350	1152	1263	1219	1191	1196	1103	1273	1139	1300	876	1135	770	1052	746
1955	1282	1295	1107	861	947	833	1200	965	1143	1146	997	809	846	1051	1203	731	925	877	966	1004
1956	1502	1545	1457	1749	1389	1216	1096	1426	676	1244	947	914	1199	1038	808	1095	1214	222	1164	474
1957	1264	1088	1165	1007	1461	709	1196	995	898	986	948	765	860	761	728	807	605	842	764	490
1958	1810	1460	1498	1327	1130	1342	1340	1026	932	1309	1276	892	1061	930	899	1096	661	980	934	998
1959	1308	1203	1053	245	735	518	563	952	825	(-21)	1142	262	1044	442	1146	(-229)	837	698	572	1495
1960	924	855	969	822	879	684	665	557	721	492	852	476	545	623	463	413	966	666	949	537
1961	624	752	639	716	635	809	370	270	499	846	513	554	588	793	715	1036	673	646	478	733
1962	1505	1139	1311	1106	1036	1241	1081	1057	533	1380	972	852	725	1164	821	758	698	706	808	938
1963	1062	1199	1146	1002	985	924	1025	1047	870	1159	1084	1005	748	947	888	607	759	886	816	1456
1964	1218	1208	1101	1113	1110	1008	941	651	1218	824	801	812	919	831	630	704	691	785	451	717
1965	2318	2516	2383	2399	2587	2085	1902	2097	1674	1755	1957	1480	2720	2653	2042	1913	1773	1656	1905	1804
1966	713	606	713	733	566	865	657	643	689	570	563	678	653	571	593	634	542	626	663	574
1967	1308	912	1140	904	745	821	660	689	952	600	1312	300	723	913	681	691	767	766	812	942
1968	791	855	872	917	775	802	747	717	825	922	970	861	872	880	1369	1382	1141	1709	1891	1892
1969	1203	1150	1183	920	903	1056	997	960	1026	921	732	806	824	859	766	876	747	716	685	769
1970	1468	1596	1175	1393	1333	1477	1362	1270	1527	1041	1129	1104	1068	869	960	1128	654	978	886	815
1971	2352	1999	1989	2019	1958	1869	1931	1931	1524	1649	1623	1473	1590	1412	1522	1404	1443	1408	1214	1342
1972	1759	1619	1623	1593	1636	1379	1433	1259	1279	1129	1309	1030	1164	1103	1231	1408	998	1004	948	1159
1973	659	613	743	817	836	700	749	485	813	635	671	688	621	807	555	713	632	601	584	623

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

AUGUST

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5																	
3	854	877	861	1240	962	832	878	800	709	864	813	815	701	752	710	654	27,248
16	639	617	718	677	567	574	734	565	674	586	571	602	519	621	635	648	23,395
10	1432	1519	1397	1520	1192	1269	1234	1301	1105	1311	1174	1220	1160	1125	1136	1180	50,242
17	621	644	703	619	499	579	547	596	546	525	523	599	502	603	511	394	21,632
18	853	767	801	635	735	765	746	665	750	515	584	579	570	657	585	291	25,815
13	734	989	500	772	811	768	705	934	790	904	919	808	919	899	763	776	28,309
19	698	696	693	693	692	693	692	691	692	692	690	688	684	709	676	754	23,084
14	697	693	693	693	682	683	673	675	676	675	677	667	652	644	636	628	22,306
18	765	892	700	745	690	617	525	544	602	589	459	600	515	544	549	571	20,560
16	1127	1017	1025	949	976	1019	1059	945	1010	1094	894	863	960	801	729	725	38,310
18	867	816	1110	976	759	841	1461	672	834	1197	994	934	805	840	766	990	35,485
15	804	823	1077	948	1009	1137	980	1305	992	532	571	850	903	633	372	1101	34,380
18	1293	1130	1048	1017	1208	1001	1176	1110	879	959	975	1012	804	1132	989	856	36,623
10	876	1135	770	1052	746	1105	1324	843	1048	776	926	775	960	960	749	672	33,180
13	731	925	877	966	1004	1023	936	843	611	798	630	778	638	886	863	183	28,377
18	1095	1214	222	1164	474	1180	518	926	818	866	946	342	777	767	1252	600	31,367
18	807	605	842	764	490	786	792	265	746	610	1117	940	189	1104	589	495	25,972
19	1096	661	980	934	998	848	892	731	378	803	690	699	627	992	639	683	30,883
16 (-229)	837	698	572	1495	1131	898	948	777	856	968	775	800	782	181	1310		24,216
13	413	966	666	949	537	717	579	706	759	978	914	773	782	759	767	1087	22,879
15	1036	673	646	478	733	635	688	427	612	653	674	839	688	614	681	630	20,030
21	758	698	706	808	938	846	834	893	758	780	813	679	805	785	972	730	28,726
18	607	759	886	816	1456	93	286	1315	(-5)	815	771	591	752	806	897	719	26,655
30	704	691	785	451	717	289	1027	788	689	700	689	391	448	768	688	836	25,046
42	1913	1773	1656	1905	1804	2075	1835	2112	3175	205	1576	1437	1397	1179	1255	1298	59,163
13	634	542	626	663	574	689	539	525	527	504	548	655	775	691	571	650	19,526
11	691	767	766	812	942	939	353	875	675	809	650	629	661	1012	617	692	24,550
19	1382	1141	1709	1891	1892	1869	1729	1751	1547	1301	1227	1179	1174	1078	1011	1044	36,100
16	876	747	716	685	769	806	701	555	670	517	696	724	702	686	765	718	25,639
10	1128	654	978	886	815	349	746	715	1117	394	696	529	862	829	716	332	30,518
22	1404	1443	1408	1214	1342	1054	1274	788	1122	1145	1119	954	942	1135	832	1233	45,250
31	1408	998	1004	948	1159	832	966	885	798	879	847	1154	690	782	762	780	35,438
15	713	632	601	584	623	665	637	596	600	620	713	724	621	726	866	622	20,935

NATURAL FLOW OF

BEGINNING

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	638	610	690	733	613	665	664	666	678	696	658	617	771	763	824	652	730	72
1942	590	698	519	647	559	574	499	521	533	505	620	622	681	634	606	647	627	61
1943	1164	1144	1073	1106	1027	1032	957	1034	987	826	809	1008	861	966	842	859	738	75
1944	416	563	575	641	562	728	670	609	577	560	528	764	413	532	432	443	467	54
1945	685	629	583	565	528	608	543	508	658	508	659	629	572	538	174	651	625	61
1946	728	643	628	841	671	764	851	794	881	756	762	687	681	657	578	675	703	98
1947	706	682	686	610	606	562	639	637	636	710	706	700	698	692	682	672	668	60
1948	634	626	621	625	630	634	630	634	634	578	575	585	644	617	606	595	539	52
1949	495	544	503	455	433	308	516	467	515	598	588	732	597	566	602	523	494	59
1950	896	632	821	643	507	515	497	541	1024	1752	1298	929	756	817	986	723	922	72
1951	756	841	1124	617	775	617	709	570	768	848	643	616	692	904	596	696	736	60
1952	873	760	1022	997	666	854	692	727	630	634	856	765	738	2155	1049	739	1014	70
1953	834	982	975	1043	835	897	937	938	805	874	923	837	850	636	805	802	583	86
1954	817	692	659	610	820	529	500	646	636	686	544	709	713	627	860	898	605	102
1955	517	573	605	582	896	381	450	648	567	880	919	714	174	588	529	705	858	92
1956	801	1317	499	951	1207	1087	1141	1163	1133	1087	931	988	1039	996	1094	813	684	92
1957	383	908	1223	1448	633	882	956	854	924	926	778	967	800	706	928	917	799	75
1958	746	750	1069	1070	1196	1211	989	870	716	1286	1071	623	1131	870	1166	1035	910	91
1959	888	919	984	1104	678	482	891	232	469	723	923	670	781	822	1575	1793	1130	71
1960	876	657	500	706	1541	897	670	678	690	712	802	783	805	1146	962	1097	817	93
1961	346	629	778	556	634	592	372	633	509	729	761	635	676	559	552	592	701	105
1962	830	799	719	774	742	963	792	670	696	749	775	829	880	836	784	892	889	78
1963	1037	1188	920	801	740	858	628	1169	1067	873	783	730	840	784	1015	864	798	89
1964	1017	1203	1251	941	715	827	1167	732	831	654	667	735	788	735	880	1167	1088	68
1965	1190	1130	1228	952	1147	1048	1049	1262	2065	1723	1553	1254	1429	1344	1493	756	1889	115
1966	598	629	583	589	570	616	59	585	474	769	1098	591	939	681	580	983	825	81
1967	785	725	800	748	689	771	847	763	872	715	821	883	953	773	835	818	739	71
1968	925	974	972	943	905	953	791	1018	961	-91	1316	1327	893	824	788	1004	865	81
1969	769	688	626	669	698	801	815	743	679	773	896	815	845	747	792	806	845	81
1970	814	710	759	700	828	938	842	469	1289	918	761	806	760	641	920	842	869	81
1971	998	871	855	1002	1333	767	770	1294	1329	1160	1163	1095	1086	999	1041	963	1053	102
1972	803	870	904	801	885	1055	1029	1037	809	874	839	1049	1192	1072	1010	924	966	89
1973	549	764	761	722	597	676	641	584	888	758	642	662	587	557	613	609	698	75

BOISE RIVER

CHART NO. 2

1941

CR

	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
7	655	708	701	730	730	732	732	754	708	715	718	582		20,860
9	534	773	619	673	596	505	638	546	531	580	481	549		17,748
3	662	814	631	1019	716	777	768	707	851	844	838	783		26,596
6	726	723	680	683	660	629	645	616	611	444	541	688		17,676
1	646	667	669	776	995	1352	1028	399	704	681	675	644		19,510
8	886	937	841	856	866	864	711	691	595	660	805	678		22,636
6	632	628	627	650	643	621	599	555	584	604	608	584		19,233
16	517	483	519	497	518	554	576	606	739	771	820	760		18,290
9	430	492	475	516	481	571	497	688	442	217	464	780		15,588
1	532	1160	849	717	696	782	793	835	218	668	922	936		24,088
9	534	318	805	298	729	717	778	833	704	924	706	812		21,275
9	699	1277	965	580	818	461	791	322	1434	1014	542	144		24,927
9	794	709	913	826	706	693	835	390	486	1090	1117	180		24,164
4	860	772	522	702	765	838	577	402	742	595	695	789		20,834
9	926	716	235	799	635	880	890	788	879	770	630	734		20,397
7	777	598	(-308)	1006	601	1176	825	970	854	936	1041	1524		27,858
9	848	1109	823	950	1016	885	798	962	1095	643	837	926		26,683
0	608	1313	802	541	224	818	825	1117	548	847	835	1115		27,212
1	1523	1743	2087	1388	1467	1071	1218	1497	1804	1581	1498	1165		33,817
6	811	976	837	818	858	706	595	1044	280	259	(-62)	725		23,122
3	517	716	722	779	824	747	609	555	469	648	632	584		19,106
9	676	711	951	802	887	903	1016	740	752	914	1023	1010		24,793
8	969	1013	1265	1148	1214	1165	1067	1055	944	848	945	742		28,368
7	889	933	859	784	903	965	865	785	849	805	820	857		26,399
6	1367	1384	1306	1242	1170	1297	1296	1226	1174	1040	1180	1276		38,626
5	675	839	628	610	662	120	600	412	706	663	463	521		18,883
1	717	783	390	971	495	647	832	746	716	144	1039	980		22,708
8	835	940	1027	1067	1001	964	958	1006	938	927	876	900		27,625
7	789	979	1116	1035	891	787	867	861	827	773	792	798		24,339
0	830	1172	1089	1250	1351	1178	1020	1097	949	1034	950	879		27,475
8	954	1130	1112	1080	1065	1027	1144	1118	1022	1082	1204	1278		32,023
4	1224	1333	1315	1079	1198	1014	1145	657	1148	1361	1176	1081		30,744
4	4	512	1392	1189	837	827	1209	1131	928	943	1662	(-16)		22,680

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
1941	592	699	661	649	748	781	812	797	732	715	591	676	783	804	698	802	849	849	797	855
1942	567	748	695	662	697	665	659	684	454	502	459	605	740	744	844	563	683	718	692	895
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940	1122	939	927	1006	876	1012	883
1944	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807	673	632
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746	689	777	846	792
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995	925
1947	536	648	559	703	619	638	645	518	632	876	803	947	941	874	777	822	2138	1452	1234	1063
1948	631	616	536	551	715	779	728	755	791	697	698	742	742	750	748	751	778	773	780	781
1949	523	572	575	794	757	945	995	893	834	861	999	851	855	817	777	801	825	894	746	749
1950	1159	1164	672	1056	1194	796	1258	919	1006	1431	840	1014	(-111)	1519	968	971	971	971	971	971
1951	971	1440	1748	1289	992	1113	1240	1236	681	948	1367	828	1338	1565	940	1752	1489	564	1047	1923
1952	649	575	1515	745	854	547	1021	718	1198	565	690	798	489	891	948	855	759	976	789	875
1953	1120	651	838	320	945	660	269	725	668	864	516	931	733	866	(-1531)	1483	874	834	911	998
1954	476	1023	737	736	706	880	829	842	870	586	(-133)	1942	679	952	(-610)	1111	1246	907	863	851
1955	982	835	426	380	798	711	587	929	920	1102	194	1254	986	1257	622	1702	660	591	1042	840
1956	1428	1040	1210	1055	955	1001	1050	956	1066	1386	1095	1440	1132	1153	591	834	767	1098	993	1042
1957	961	862	354	826	(-675)	684	1015	1104	994	932	940	1008	1004	896	1321	824	826	787	740	834
1958	1068	969	983	968	1033	986	976	470	344	825	746	841	866	851	770	788	785	624	910	865
1959	1375	1133	1082	1038	897	1079	945	1358	1470	2135	1743	1741	1946	1248	1732	1360	1229	1076	1485	1213
1960	689	371	550	83	378	684	1291	649	946	841	1051	1422	1067	748	716	715	648	655	790	721
1961	814	901	565	856	942	964	883	1058	436	487	1211	1020	819	963	801	786	765	686	641	712
1962	827	872	748	647	853	729	828	747	937	1148	1471	1452	1927	1567	2636	1803	1389	1570	1213	1234
1963	857	688	757	910	881	755	1003	1209	307	1201	1319	804	785	1123	695	1200	917	803	728	945
1964	599	678	780	782	818	657	804	787	776	904	792	689	548	812	716	950	791	730	778	709
1965	1041	1290	1004	1182	999	1286	1016	1133	1135	1052	1171	1312	914	1044	1379	1121	1123	1093	965	993
1966	651	333	1002	503	537	539	516	710	733	654	617	595	766	707	335	807	884	686	569	605
1967	1044	1100	916	1040	871	835	556	1006	1587	1036	927	1027	989	630	895	1135	687	797	670	746
1968	914	870	752	865	879	836	781	864	689	774	800	897	1096	1480	1748	1833	1437	1267	1115	1026
1969	866	835	950	929	833	870	872	834	(-525)	2460	1202	965	1273	1068	915	927	1060	981	899	853
1970	908	804	1003	914	716	855	856	960	869	1046	1178	1413	915	880	858	854	761	915	829	863
1971	1223	1282	1187	1186	1246	1121	1212	1502	963	1042	1237	1044	1104	992	1115	1011	1066	1082	1001	1232
1972	955	1154	1066	973	1125	1219	1099	1074	1009	1133	1206	1145	1102	1571	1157	1183	1157	1503	913	1089
1973	924	705	814	681	765	762	769	897	825	809	730	791	775	733	856	656	752	691	617	621

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
83	804	698	802	849	849	797	855	902	900	761	755	870	840	882	842	914	876	868	24,300
140	744	844	563	683	718	692	895	720	764	720	760	651	626	702	792	737	835	699	21,282
140	1122	939	927	1006	876	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
517	611	652	642	821	807	673	632	598	664	671	674	693	659	958	436	669	638	718	20,414
596	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	930	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
941	874	777	822	2138	1432	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	894	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
338	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	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	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
132	1153	591	834	767	1098	993	1042	800	909	1055	900	907	1336	1165	1318	1130	1443	1051	33,306
004	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
946	1248	1732	1360	1229	1076	1485	1213	1612	1190	1284	2293	1644	1448	1315	1657	1256	1106	1364	43,454
067	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
927	1567	2636	1803	1389	1570	1213	1234	929	1285	1082	981	954	1091	967	1103	847	783	906	35,526
785	1123	695	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
096	1480	1748	1833	1437	1267	1115	1026	1273	1067	404	857	1161	937	916	1101	912	955	1109	31,615
273	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
104	992	1115	1011	1066	1082	1001	1232	1089	1220	1089	1035	1041	949	1124	981	921	926	994	34,217
102	1571	1157	1183	1157	1503	913	1080	1095	1009	1041	996	937	1046	1020	985	877	976	844	33,650
775	733	856	656	752	691	617	621	641	690	709	776	897	949	782	776	812	844	814	23,863

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

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

NOVEMBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
194	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
142	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
375	860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581		26,100
840	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,791
912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
836	911	871	796	734	789	764	726	630	792	1425	1580	1368	1300	1348	1197	1905		28,581
1313	1197	1140	1183	1327	1659	1697	1595	1881	1274	1274	1366	1406	1356	1455	1228	1472		42,224
1368	952	1394	87	1272	53	2770	775	1279	1051	898	886	863	1518	1230	1330	1209		31,716
1634	1240	843	525	947	894	961	643	1021	708	248	853	123	845	946	822	562		24,321
803	829	957	776	784	732	528	609	1225	1989	2112	1272	666	1721	1369	1292	1130		29,864
891	903	1181	1329	1059	907	875	1050	803	883	786	783	876	749	795	742	506		25,089
939	1029	478	613	1034	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413		34,343
1024	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238		31,232
1081	1332	827	843	721	432	1252	1201	280	300	1521	413	1067	1053	1339	1098	421		26,074
1297	1571	824	591	947	862	1345	1495	1612	1404	961	1068	926	448	517	646	975		31,898
652	518	718	1102	847	1010	1057	873	1112	1141	1276	1154	1232	806	753	855	895		30,426
1091	748	904	368	1466	1201	1145	923	808	693	985	1226	972	1318	1027	706	590		26,921
689	1031	941	610	546	650	646	1092	839	1327	1142	894	1154	905	971	868	913		25,830
1255	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162		32,507
1083	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		33,499
632	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154		27,144
1100	1316	1307	1025	1217	1346	1017	1041	1117	1063	1156	1019	1088	1125	903	862	512		30,609
908	1554	1010	1061	963	681	667	996	1071	758	389	628	525	492	247	755	1078		23,257
874	976	946	1136	832	1143	1254	971	532	936	1091	896	920	888	478	680	1167		27,571
1694	1538	1299	1228	1430	1420	1546	1183	1349	1192	1435	1784	1508	1107	1406	1023	1020		39,500
712	690	823	1024	915	678	723	739	765	697	734	671	669	802	671	603	584		23,867
1140	1026	1053	1052	1071	1078	998	853	885	922	1618	5328	6031	3302	2480	2208	2326		48,535
1147	1228	1006	984	815	795	898	912	1134	958	851	1007	1048	1469	1218	1408	1243		30,952
855	999	987	1004	950	1039	1060	926	795	537	915	952	946	1895	1156	943	861		30,851
3267	2468	2176	2070	2080	1839	1860	1560	1629	1352	1366	1462	1323	1236	1216	1202	1443		48,556

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

NOVEMBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
394	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
342	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
975	860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581		26,100
840	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,791
912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
836	911	871	796	734	789	764	726	630	792	1425	1580	1368	1300	1348	1197	1905		28,581
1313	1197	1140	1183	1327	1659	1697	1595	1881	1274	1274	1366	1406	1356	1455	1228	1472		42,224
1368	952	1394	87	1272	53	2770	775	1279	1051	898	886	863	1518	1230	1330	1209		31,716
1634	1240	843	525	947	894	961	643	1021	708	248	853	123	845	946	822	562		24,321
803	829	957	776	784	732	528	609	1225	1989	2112	1272	666	1721	1369	1292	1130		29,864
891	903	1181	1329	1059	907	875	1050	803	883	786	783	876	749	795	742	506		25,089
939	1029	478	613	1034	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413		34,343
1024	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238		31,232
1001	1332	827	843	721	432	1252	1201	280	300	1521	413	1067	1053	1339	1098	421		26,074
1297	1571	824	591	947	862	1345	1495	1612	1404	961	1068	926	448	517	646	975		31,898
652	518	718	1102	847	1010	1057	873	1112	1141	1276	1154	1232	806	753	855	895		30,426
1091	748	904	368	1466	1201	1145	923	808	693	985	1226	972	1318	1027	706	590		26,921
689	1031	941	610	546	650	646	1092	839	1327	1142	894	1154	905	971	868	913		25,830
1255	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162		32,507
1083	1558	1547	1623	1337	996	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		33,499
632	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154		27,144
1100	1316	1307	1025	1217	1346	1017	1041	1117	1063	1156	1019	1088	1125	903	862	512		30,609
908	1554	1010	1061	963	681	667	996	1071	758	389	628	525	492	247	755	1078		23,257
874	976	946	1136	832	1143	1254	971	532	936	1091	896	920	888	478	680	1167		27,571
1694	1538	1299	1228	1430	1420	1546	1183	1349	1192	1435	1784	1508	1107	1486	1023	1020		39,500
712	690	823	1024	915	678	723	739	765	697	734	671	669	802	671	603	584		23,867
1140	1026	1053	1052	1071	1078	998	853	885	922	1618	5328	6031	3302	2480	2208	2326		48,535
1147	1228	1006	984	815	795	898	912	1134	958	851	1007	1048	1469	1218	1408	1243		30,952
855	999	987	1004	950	1039	1060	926	795	537	915	952	946	1895	1156	943	861		30,851
3267	2468	2176	2070	2080	1839	1860	1560	1629	1352	1366	1462	1323	1236	1216	1202	1443		48,556

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1941	943	947	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1838	1871	21
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920	94
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	746	770	748	759	939	974	100
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640	86
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833	69
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870	184
1947	1182	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991	844
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720	739
1949	1304	1122	1148	775	799	860	789	842	891	780	701	326	650	903	718	818	789	994	1106	565
1950	1398	1398	1485	1441	1551	1451	1561	1878	1630	1645	1760	1650	1652	2108	1284	1179	1669	1304	1206	1181
1951	2368	3459	2250	2024	1569	1834	1117	879	711	916	962	1493	1338	1059	1098	754	1072	1273	1362	807
1952	723	779	1163	823	753	701	875	1006	902	742	931	938	1424	1071	1096	1443	879	733	444	1164
1953	996	1167	917	971	1236	1037	677	1271	960	1221	1025	877	864	854	527	792	1004	968	526	1599
1954	309	588	953	1001	682	902	817	859	702	604	707	858	712	913	817	697	454	504	967	1329
1955	535	1329	854	1401	739	746	1021	1181	558	1705	1160	923	876	919	784	970	897	1438	1641	2250
1956	385	1145	643	1060	1198	554	733	797	542	483	2817	2027	1978	2196	1817	1811	1316	1170	1588	897
1957	503	609	1285	630	553	1042	1317	1215	689	899	(-127)	1561	864	1238	1019	238	1458	1391	1035	1195
1958	809	1308	1419	940	1271	1190	791	1164	1547	951	1404	3044	2870	2586	1169	1251	1932	1401	1286	1009
1959	871	1051	725	1083	916	495	273	713	548	704	892	844	838	1003	571	829	735	862	931	897
1960	986	617	1099	1012	840	1310	397	(-309)	671	616	722	679	734	845	924	713	742	1054	1221	995
1961	832	1033	874	1052	1024	647	597	597	853	418	701	386	849	706	952	929	813	980	705	1199
1962	1027	1132	1674	1987	1547	1338	1057	1415	1034	1168	826	737	806	902	1564	1156	1029	1149	1207	939
1963	715	815	774	635	870	495	1073	893	1024	746	999	1034	576	789	985	854	961	862	1124	869
1964	1168	1687	1680	1361	1039	949	819	734	816	1226	1288	1034	754	880	1116	989	597	592	651	760
1965	714	767	1091	1178	976	1193	963	665	749	971	1481	906	941	582	819	766	746	747	501	407
1966	842	804	784	1012	1147	955	912	679	1156	656	671	1049	666	1088	1283	795	444	670	998	573
1967	912	871	625	922	730	1014	957	854	698	700	1054	602	692	374	374	410	583	870	954	724
1968	1132	1183	1018	1251	1038	1290	974	942	1030	1127	1012	1105	1004	753	906	1082	1114	782	943	779
1969	567	616	727	646	743	722	606	873	835	1131	1155	1256	351	728	1115	536	836	798	831	1017
1970	2435	1989	1858	1877	1493	1578	1638	2589	2722	2743	2154	1602	1423	1779	1566	1729	1766	1443	1116	668
1971	980	881	736	1189	1061	1424	1361	754	614	1125	1037	1169	1260	1149	1239	1057	1107	890	972	973
1972	946	205	700	2029	813	546	594	779	884	606	605	670	1033	386	1141	947	1110	1347	1332	1784
1973	1422	1433	1264	1457	1265	1051	1338	1426	1231	1151	989	1247	1291	1351	1125	988	1718	2059	1987	1701

NATURAL FLOW OF BOISE RIVER

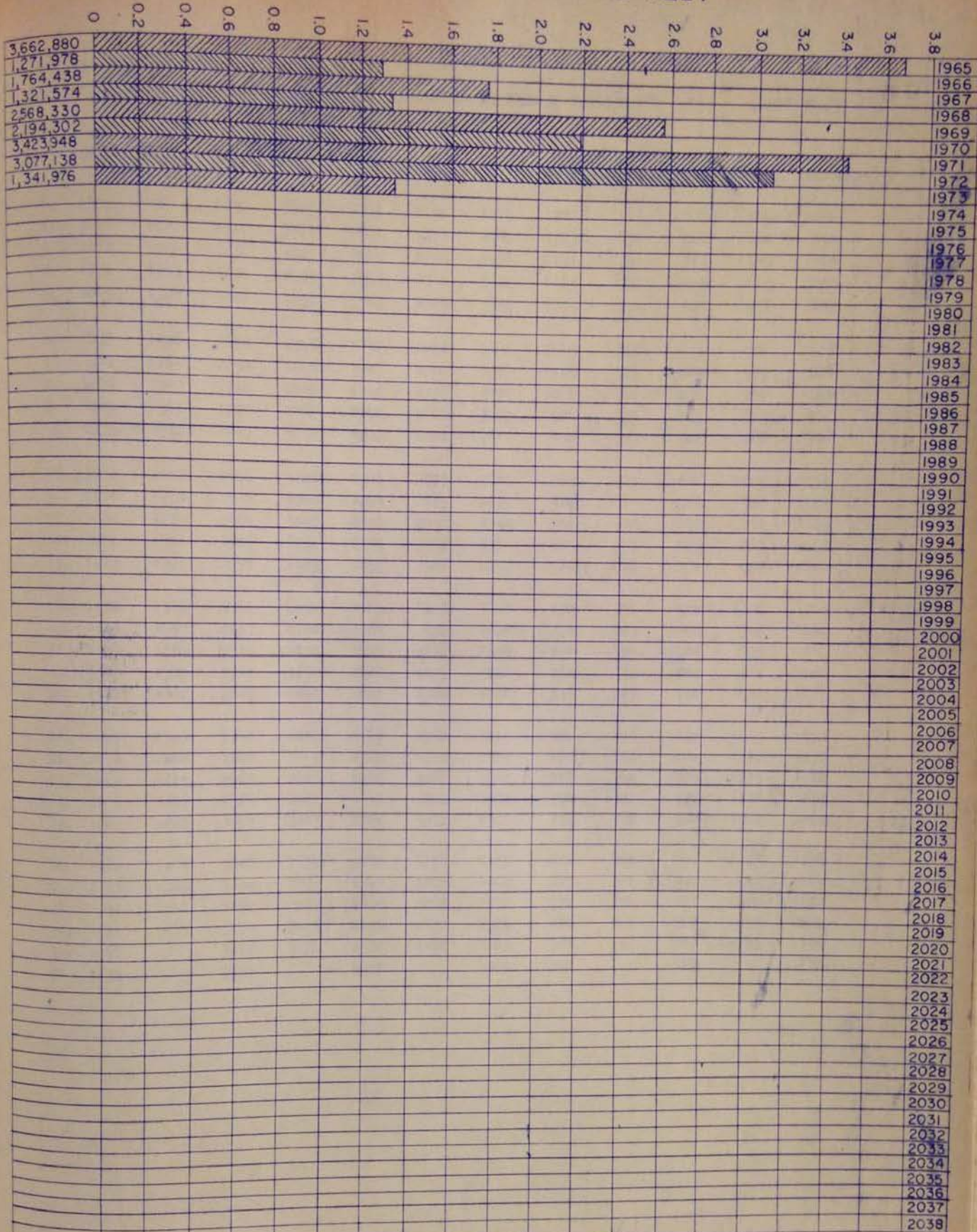
CHART NO. 2

BEGINNING 1941

DECEMBER

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
	770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	596	757	994	27,884
	464	505	765	610	640	866	1052	818	1137	906	839	783	615	621	588	906	826	21,451
	568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696
	922	901	811	959	991	844	951	798	792	974	746	737	736	779	961	790	514	27,702
	980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547
	718	818	789	994	1106	565	729	778	931	907	764	779	795	975	725	739	748	25,750
	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1248	670	907	1599	1440	44,493
	1098	754	1072	1273	1362	807	959	2049	2046	1243	1237	629	1252	1145	1739	1438	1333	43,415
	1096	1443	879	733	444	1164	658	1763	1202	71	227	465	806	1020	1020	579	922	27,323
	527	792	1004	968	526	1599	1237	1317	791	503	829	717	1112	673	519	950	729	28,866
	817	697	454	504	967	1329	246	(-288)	891	601	737	1043	1092	588	966	862	957	23,070
	784	970	897	1438	1641	2250	2221	4106	16700	20551	11314	7381	5053	4416	3637	2732	2871	102,909
	1817	1811	1316	1170	1588	897	932	1058	1009	605	1392	622	992	309	807	1031	840	34,754
	1019	238	1458	1391	1035	1195	1001	1370	455	(-56)	2216	1268	1033	417	1472	809	465	29,064
	1169	1251	1932	1401	1286	1009	1382	1356	1401	998	1312	1203	1269	1094	1039	690	901	41,987
	571	829	735	862	931	897	593	685	623	1058	1251	972	814	716	717	353	694	24,257
	924	713	742	1054	1221	995	493	751	892	632	951	955	558	871	860	418	734	23,983
	952	929	813	980	705	1199	818	1295	789	966	1017	752	678	708	833	1044	889	25,936
	1564	1156	1029	1149	1207	939	1127	994	1234	800	295	414	706	736	976	1145	838	32,959
	985	854	961	862	1124	869	768	763	724	648	687	867	836	840	963	802	595	25,586
	1116	989	597	592	651	760	1046	2152	18378	27294	19240	11963	8143	6823	5706	4580	3940	129,405
	819	766	746	747	501	407	546	576	889	815	1030	924	829	1184	803	879	707	26,345
	1283	795	444	670	998	573	1117	553	642	633	605	704	498	368	551	1074	630	24,559
	374	410	583	870	954	724	994	740	527	880	1213	940	720	1243	865	766	899	24,707
	906	1082	1114	782	943	779	679	899	950	946	1335	1476	1180	1113	822	1040	879	31,784
	1115	536	836	798	831	1017	1074	1426	1387	1266	865	945	919	767	834	355	548	26,475
	1566	1729	1766	1443	1116	668	1332	1424	1338	996	953	1283	1122	1277	1703	1364	1297	50,257
	1239	1057	1107	890	972	973	1064	1102	1250	957	1414	1274	1385	1270	122	902	887	32,605
	1141	947	1110	1347	1332	1784	1598	1662	1817	1946	1924	1893	1206	1189	1126	1008	1056	34,882
	1125	988	1718	2059	1987	1701	1373	1866	1844	1712	1697	1594	1145	1809	1417	1511	1540	45,002

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

YEAR	AMOUNT PRODUCED OCT 1 - SEPT. 30	HIGH-MONTH	AMOUNT PRODUCED FOR MONTH	HIGH-DAY	24 HR. CFS AMOUNT PRODUCED	INSTANTANEOUS HIGH DURING THE DAY
1895-1896	3,301,142	JUNE	1,464,280	JUNE 14	35,500	
1898-1899	2,914,444	JUNE	731,400	(MAY 10-1899) JUNE 20	19,000 18,700	
1903-1904	3,029,516	MAY	828,600	(APRIL 15-1904) MAY 23	19,700 18,700	
1906-1907	3,207,380	MAY	683,520	(APRIL 15-1907) MAY 19	17,000 13,400	
1908-1909	2,744,790	JUNE	655,220	JUNE 5 & 6	16,000	
1909-1910	2,756,360	APRIL	609,980	(MARCH 22-1910) APRIL 12	16,600 12,000	
1920-1921	2,905,074	MAY	824,038	MAY 17	18,739	
1942-1943	3,563,670	APRIL	1,006,532	APRIL 18	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	
1971-1972	3,077,138	MAY	752,262	JUNE 2	19,559	

TOTAL MONTHLY FLOW OF BOISE RIVER

FOR IRRIGATION YEARS BEGINNING

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

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

DN	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
80	243140	395220	225700	152380	63620	58000	1,559,520
80	295040	555382	1464280	385520	81960	57500	3,301,142
00	476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,950
80	251700	320280	299360	116848	45720	39168	1,482,676
00	425740	608020	731400	356160	109940	68900	2,914,444
20	380120	510720	300640	84156	53500	51212	2,182,152
320	305900	626460	287420	116400	52222	49704	1,985,716
920	213470	353460	287160	106720	49496	40914	1,480,636
360	448220	520620	601880	147580	53000	46344	2,269,856
140	671840	828600	521060	201920	71972	43830	3,029,516
900	176200	229820	247660	78860	39870	34660	1,183,050
100	337920	428100	346980	163340	52410	41090	1,703,390
120	673540	683520	534560	335840	101600	62070	3,207,380
130	382320	370360	324780	197960	64920	55524	1,844,626
840	473220	605240	655220	226800	63690	57220	2,744,790
900	609980	511760	310360	110040	55970	56390	2,756,360
1570	329960	549120	740660	233040	74906	59636	2,494,052
1580	340920	684180	677560	173980	83380	66080	2,477,090
800	374960	573740	413420	158660	82964	54290	2,060,494
040	469040	553660	307700	124130	58742	52654	2,133,218
1782	196558	274128	191900	83872	40926	39672	1,213,994
7486	555062	563752	594764	293818	80102	53686	2,593,244
1740	267082	654156	643322	260216	65224	43950	2,257,840
1442	346040	409954	462460	112526	56292	51122	2,035,502
4916	395854	509192	240872	69736	36404	34262	1,674,600
9254	189044	449730	333468	117324	40586	39234	1,549,408
1472	394484	824038	718728	175390	62908	48784	2,905,074
3692	319642	752474	659864	148066	65210	47974	2,444,710
12700	273726	454010	376208	192504	67552	42946	1,766,526
3550	136450	243200	76792	35296	24426	25320	892,242
12378	501862	700486	367370	152598	60730	47302	2,336,518
10450	232784	247930	104636	42192	30858	29480	1,114,298
15560	374434	660044	729736	234042	74454	57570	2,673,106
76560	316008	852194	305760	115962	51846	38016	2,434,530
16834	179238	359536	285968	96482	35716	31802	1,338,510
13616	274178	295246	257700	77726	44922	36050	1,344,356

(1) MEAN OF 4 HIGH Y

(2) SUBSTITUTED FROM

(3) SUBSTITUTED FROM

(4) MISSING DAYS SUBS

(5) MISSING DAYS SUBS
YEAR MEAN

(6) MISSING MONTHS SU
YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHOR

OF BOISE RIVER - IN ACRE FEET

YEARS BEGINNING 1894 - 1895

JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
5700	152380	63620	58000	1,559,520
4280	385520	81960	57500	3,301,142
5000 (5)	143300	67250	62520	2,045,950
9360	116848	45720	39168	1,482,676
11400	356160	109940	68900	2,914,444
10640	84156	53500	51212	2,182,152
87420	116400	52222	49704	1,985,716
87160	106720	49496	40914	1,480,636
01880	147580	53000	46344	2,269,856
21060	201920	71972	43830	3,029,516
47660	78860	39870	34660	1,183,050
46980	163340	52410	41090	1,703,390
34560	335840	101600	62070	3,207,380
124780	197960	64920	55524	1,844,626
55220	226800	63690	57220	2,744,790
110360	110040	55970	56390	2,756,360
140660	233040	74906	59636	2,494,052
577560	173980	83380	66080	2,477,090
113420	158660	82964	54290	2,060,494
307700	124130	58742	52654	2,133,218
191900	83872	40926	39672	1,213,994
594764	293818	80102	53686	2,593,244
643322	260216	65224	43950	2,257,840
462460	112526	56292	51122	2,035,502
240872	69736	36404	34262	1,674,600
333468	117324	40586	39234	1,549,408
718728	175390	62908	48784	2,905,074
659864	148066	65210	47974	2,444,710
376208	192504	67552	42946	1,766,526
76792	35296	24426	25320	892,242
367370	152598	60730	47302	2,336,518
104636	42192	30858	29480	1,114,298
729736	234042	74454	57570	2,673,106
305760	115962	51846	38016	2,434,530
285968	96482	35716	31802	1,338,510
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

FOR IRRIGATION YEARS BEGINNING

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
1930-31	54512	45418	44108	44814	45298	91246	177172	251538
1931-32	31424	31224	36376	38612	36754	135826	336006	564176
1932-33	39142	56478	40596	43926	41136	64474	239342	341610
1933-34	41684	47684	55656	79680	78948	151696	249648	204008
1934-35	37226	49444	51208	52256	54336	83130	299458	428528
1935-36	33616	38268	37352	44612	47356	100060	577594	625906
1936-37	39772	36600	41556	37568	41728	89870	207358	381192
1937-38	36226	49828	115760	67492	71566	191026	505100	711314
1938-39	60626	67394	60980	52236	47170	164294	328918	341836
1939-40	40474	38998	49268	53858	75724	201512	355842	434480
1940-41	53168	59764	56634	54260	65368	113448	188300	365336
1941-42	48600	63200	106838	62182	63162	87804	341622	325576
1942-43	42564	64068	81782	153190	116564	235138	1006532	722804
1943-44	61802	70704	55768	49412	52610	68094	164000	303208
1944-45	40828	52200	42902	56270	80124	99160	202368	473146
1945-46	45822	53670	74712	79530	65808	218604	639804	651660
1946-47	67394	72214	109392	60364	87278	181276	289400	545764
1947-48	56244	57582	55404	65522	60480	73396	264424	505792
1948-49	44642	53918	51094	49038	45314	146834	416548	571670
1949-50	49284	57162	51500	63202	75010	154776	402618	563086
1950-51	61640	84448	88986	69948	125878	125072	556968	684894
1951-52	79304	63432	86830	68642	77070	103020	677890	901634
1952-53	52108	48642	54646	100936	88486	126730	329366	403582
1953-54	44870	59728	57732	64266	92288	149836	381720	597350
1954-55	49332	50178	46140	46716	40444	55940	129832	397270
1955-56	51704	68686	205818	147212	104470	228258	636502	841354
1956-57	66612	62464	69508	52448	92880	194092	361256	753940
1957-58	54116	52148	58128	53682	121836	124694	323778	946374
1958-59	51842	63796	83974	76466	69702	92542	276734	331594
1959-60	86908	60852	48514	51664	64890	172830	358988	374362
1960-61	47044	53842	47966	42454	58830	91230	172064	298818
1961-62	52150	51660	51872	54554	78326	83072	407856	406458
1962-63	71052	65014	65918	43612	147124	91904	180298	452916
1963-64	53040	66998	51172	52170	53860	71218	262166	457280
1964-65	47408	54288	258810	160396	182606	185530	624180	836232
1965-66	65450	61218	52690	63168	47170	97960	248302	327154
1966-67	40108	46514	49118	65592	60048	83580	138430	483144
1967-68	58400	55142	49414	47040	98090	119292	152728	259286
1968-69	63230	79000	63568	127936	87134	143928	654184	724322
1969-70	56088	47734	52950	127058	101728	149020	189668	577010

AL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

IR IRRIGATION YEARS BEGINNING 1894 - 1895

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
177172	231538	110844	34042	23952	23940	946,884
336006	564176	458224	154044	57524	42730	1,922,920
239342	341610	538198	106458	43964	32200	1,587,524
249648	204008	85624	36200	23570	26072	1,080,470
299438	428528	363262	98220	38058	29980	1,585,126
377394	625906	319284	79080	43354	38360	1,984,842
207338	381192	178996	59986	25948	25746	1,166,320
303100	711314	558138	201292	71190	46910	2,625,842
328918	341836	136300	60358	28454	30436	1,379,002
355842	434480	227258	64910	30808	39548	1,612,680
188300	365336	266776	85452	54496	41720	1,404,722
341622	325576	362374	139112	46790	35496	1,682,756
1006332	722804	627754	359598	100484	53192	3,563,670
164000	303208	247726	106326	43264	35352	1,258,266
202368	473146	405996	139040	51630	39020	1,682,684
639804	651660	378822	125920	56618	45272	2,436,242
289400	545764	297240	110646	46168	38466	1,905,602
264424	505792	459706	109372	44612	36580	1,789,114
416548	571670	304424	93542	41120	31176	1,849,320
402618	563086	548282	239398	76620	48176	2,329,114
356968	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	597350	399666	179018	66360	41668	2,074,702
129832	397270	419360	131738	56754	40794	1,464,498
636302	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
338988	374362	333350	81574	45758	46244	1,725,934
172064	298818	229386	56820	40060	38212	1,176,726
407856	406458	425398	142912	57452	49586	1,861,296
180298	452916	411904	148768	53310	56736	1,788,556
262166	457280	407856	152946	50092	52798	1,731,596
624180	836232	778888	338964	118326	77252	3,662,880
248302	327134	178048	54000	39052	37766	1,271,978
138430	483144	526106	177282	49100	45416	1,764,438
152728	239286	278606	76126	72200	55250	1,321,574
654184	724322	396216	128856	51278	48678	2,568,330
189668	577010	571508	205552	61036	54950	2,194,302

TOTAL MONTHLY FLOW OF BOISE RIVER

FOR IRRIGATION YEARS BEGINNING

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
1970-71	59954	97070	100514	156024	167320	211494	548362	922614
1971-72	68434	61904	65210	101004	101026	446586	394274	752262
1972-73	67300	61702	69764	73772	58170	92920	180710	348218

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TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
548362	922614	708614	297436	90500	64046	3,423,948
394274	752262	745556	208518	70876	61488	3,077,138
180710	348218	227082	75108	41870	45360	1,341,976

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

APRIL

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN							2	2	2	2	2	3	3	3	4
ANDREWS												10	13	15	18
BALLENTYNE			4	5	6	7	9	10	11	12	13	14	15	16	17
BAXTER												12	12	12	12
BOISE CITY													22	20	20
BOONE															
BOWMAN-SWISHER												23	20	17	11
BUBB (SOUTH BOISE MUTUAL)															
CALDWELL HIGH LINE						28	28	28	37	37	39	39	39	40	40
CAMPBELL (CANYON)															
CANYON COUNTY										43	41	39	37	35	69
CONWAY-HAMMING													4	4	4
DAVIS DITCH															4
EUREKA #2															
FARMERS UNION					39	45	52	58	65	72	79	83	86	90	97
					23	23	36	36	68	88	102	114	148	111	144
GRAHAM-GILBERT															
HAAS					1	1	1	1	1	1	1	1	1	0	0
HART-DAVIS															
ISLAND HIGH LINE															6
LEMP												22	26	30	39
															8
LITTLE PIONEER			12	21	24	27	30	32	35	38	37	36	35	34	31
LOWER CENTER POINT															3
MACE-CATLIN											13	17	19	22	25
MACE-MACE						3	3	3	3	3	3	3	3	3	3
MANNON									3	3	3	3	3	3	3
MCCONNEL ISLAND															
MCMAHUS & TEATER												22	25	28	31
MEEVES #1															34
MEEVES #2									2	2	2	2	2	2	2
MIDDLETON															
						33	33	33	33	42	51	59	68	76	85
NEW DRY CREEK															94
NEW YORK CANAL (B. OF C.)	500	500	1000	1150	1200	1250	1281	1275	1282	1338	38	38	38	38	38
PARMA											1442	1598	1764	1834	1580
PENITENTIARY												22	23	24	25
PHYLLIS					110	85	119	55	57	126	4	4	12	12	12
											192	192	265	259	259
RIDENBAUGH						136	137	174	174	222	244	268	348	317	338
RIVERSIDE	148	148	148	167	167	167	167	167	167	167	167	169	161	317	338
RODEL														238	179
ROSSI MILL															180
SEBREE (FARMERS CO-OP)			94	96	96	97	97	98	127	124	182	198	241	213	211
SETTLERS															9
SEVEN SUCKERS															9
SIEMENBERG									3	3	3	3	0	0	20
THURMAN MILL															0
UPPER CENTER POINT															0
WARM SPRINGS DITCH															
										12	13	14	14	30	30
										7	7	6	6	15	16
TOTAL CANAL DIVERSIONS	648	648	1164	1437	1666	1865	1995	1971	2041	2328	2610	2989	3397	3536	3578
MISCELLANEOUS															
TOTAL DIVERSIONS															

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

[illegible]

DISCHARGE IN SECOND FEET OF BOISE VA
BY DAYS DURING THE IRRIGATION SEASON OF 197

NAME OF CANAL	MAY															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
AIKEN	4	4	5	5	5	6	6	6	6	6	6	6	0	0	0	0
ANDREWS	8	6	5	6	7	8	9	10	11	12	11	10	10	9	8	8
BALLENTYNE	17	18	18	18	19	19	19	18	18	17	17	16	16	15	15	16
BAXTER	15	14	13	13	13	13	14	14	14	14	14	14	14	14	14	14
BOISE CITY	35	35	35	35	37	38	37	38	38	38	36	40	39	39	40	39
BOONE																
BOWMAN-SWISHER	4	4	4	5	7	8	9	10	12	13	13	12	12	11	10	10
BUBB (SOUTH BOISE MUTUAL)	9	15	15	12	12	12	12	12	13	12	13	11	10	11	13	15
CALDWELL HIGH LINE	40	42	43	43	43	43	43	43	43	43	43	47	47	43	45	44
CAMPBELL (CANYON)	35	36	37	38	39	39	40	41	41	41	40	40	39	39	38	38
CANYON COUNTY	62	81	106	83	69	69	79	83	72	76	60	104	83	85	87	79
CONWAY-HAMMING	0	0	0	0	5	5	5	5	5	5	6	6	6	7	7	7
DAVIS DITCH	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10
EUREKA #2	116	123	122	121	120	119	118	117	116	116	116	116	117	117	117	111
FARMERS UNION	237	251	253	255	257	259	268	270	270	268	267	267	268	260	263	266
GRAHAM-GILBERT																
HAAS	2	2	2	2	0	0	0	0	0	0	0	5	5	5	5	5
HART-DAVIS	10	11	11	11	11	11	10	10	10	10	11	11	12	12	13	13
ISLAND HIGH LINE	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
LEMP	37	36	36	38	39	40	42	44	46	48	48	47	47	46	45	44
	6	6	6	7	7	7	8	8	8	7	7	6	6	5	5	5
LITTLE PIONEER	43	45	46	43	41	38	36	34	34	35	35	36	36	37	37	39
LOWER CENTER POINT	33	34	34	34	34	34	34	34	34	34	34	34	33	33	33	33
MACE-CATLIN	6	7	8	9	10	12	13	13	14	14	14	15	15	15	15	16
MACE-MACE	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
MAMMON	0	1	7	7	7	8	8	8	9	9	9	10	10	11	12	12
MCCONNELL ISLAND	19	17	16	16	24	33	33	33	33	33	33	33	33	33	33	33
MCMAHON & TEATER	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEEVES #1	3	3	3	0	0	0	0	0	0	0	0	4	4	4	4	4
MEEVES #2				1	0	0	0	0	0	0	0	3	3	3	3	3
MIDDLETON	155	171	187	204	200	196	191	187	185	183	179	194	182	184	182	187
NEW DRY CREEK	85	85	81	81	81	82	81	81	69	71	71	85	69	89	89	89
NEW YORK CANAL (B. OF C.)	2041	2026	2130	2399	2383	2383	2399	2373	2373	2373	2690	2651	2657	2668	2735	2735
PARMA	20	20	19	20	22	23	25	26	28	29	29	28	28	27	26	26
PENITENTIARY	9	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12
PHYLLIS	293	293	336	338	381	377	412	414	453	446	448	444	442	440	476	479
RIDENBAUGH	539	553	547	542	548	544	547	544	542	448	540	544	544	547	544	544
RIVERSIDE	227	223	223	239	252	245	250	258	258	250	250	257	258	253	242	242
ROEDEL									1	1	1	1	1	1	1	1
ROSSI MILL	10	10	10	10	11	11	6	10	11	11	11	11	11	11	11	11
SEBREE (FARMERS CO-OP)	248	245	260	265	263	263	263	263	260	263	263	263	268	280	275	321
SETTLERS	164	146	182	182	182	189	191	192	191	191	191	191	190	191	194	196
SEVEN SUCKERS	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0
SIEBENBERG	4	4	5	6	7	7	8	9	9	10	11	12	14	15	17	17
THURMAN MILL	33	34	34	34	35	35	35	35	34	34	34	33	33	33	33	34
UPPER CENTER POINT	25	26	26	26	26	27	27	27	27	27	26	26	25	25	24	23
WARM SPRINGS DITCH	10	10	10	9	9	9	8	8	7	6	5	5	4	3	3	3
TOTAL CANAL DIVERSIONS	4627	4672	4910	5192	5245	5248	5322	5313	5342	5227	5620	5657	5639	5634	5678	5819
MISCELLANEOUS																
TOTAL DIVERSIONS																

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1973, INCLUDING STORAGE

7	8	9	10	11	12	13	MAY 14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6
9	10	11	12	11	10	10	9	8	8	7	9	11	13	16	18	20	22	23	25	26	28	29
19	18	18	17	17	16	16	15	15	16	17	17	18	19	19	19	19	19	19	18	18	18	18
14	14	14	14	14	14	14	14	14	14	14	15	15	16	16	17	17	18	18	17	17	16	16
37	38	38	38	36	40	39	39	40	39	40	40	40	36	36	38	39	39	35	39	38	38	36
9	10	12	13	13	12	12	11	10	10	9	9	9	10	10	10	11	11	10	9	9	8	8
12	12	13	12	13	11	10	11	13	13	15	13	11	9	12	14	14	14	9	9	12	12	12
43	43	43	43	43	47	47	43	45	44	43	43	49	49	49	43	44	43	54	54	54	54	43
40	41	41	41	40	40	39	39	38	38	39	40	41	43	44	45	46	46	46	47	47	47	48
79	83	72	76	60	104	83	85	87	79	93	79	101	94	83	93	91	94	101	84	74	77	76
5	5	5	5	6	6	6	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0
9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9
118	117	116	116	116	116	117	117	117	117	115	113	112	110	109	107	106	103	100	97	94	91	89
268	270	270	268	267	267	268	260	263	264	265	267	268	270	268	268	268	268	260	240	240	241	0
0	0	0	0	0	5	5	5	5	5	5	4	4	4	3	3	3	3	3	3	2	2	2
10	10	10	10	10	11	11	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
42	44	46	48	48	47	47	46	45	45	44	46	48	50	53	55	57	59	57	55	53	51	49
8	8	8	7	7	6	6	5	5	5	5	5	6	6	6	6	6	6	7	7	7	8	8
36	34	34	35	35	36	36	37	37	38	39	40	42	43	44	45	43	42	40	39	37	36	34
34	34	34	34	34	34	33	33	33	33	33	33	33	33	33	33	33	32	30	29	28	26	25
13	13	14	14	14	15	15	15	15	15	16	16	16	17	17	17	16	16	15	15	14	14	13
0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4
8	8	9	9	9	10	10	11	11	12	12	12	11	11	10	10	9	9	8	8	7	7	6
33	33	33	33	33	33	33	33	33	33	33	33	34	34	34	35	35	35	34	33	32	31	30
3	3	3	3	3	3	4	4	4	4	4	5	6	6	7	8	8	8	8	7	7	7	6
0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
191	187	185	183	179	194	182	184	182	181	187	185	187	188	189	188	187	184	188	181	174	147	144
82	81	81	69	71	71	85	69	89	89	89	89	89	89	90	87	87	87	87	54	54	54	73
2399	2373	2373	2373	2690	2651	2657	2668	2668	2735	2735	2724	2735	2724	2724	2713	2724	2724	2746	2746	2735	2746	2741
25	26	28	29	29	28	28	27	27	26	26	23	26	29	33	36	40	43	42	39	38	36	35
12	12	12	12	12	12	12	12	12	12	12	11	11	12	12	12	12	12	11	11	11	10	10
412	414	433	446	448	444	442	440	476	475	479	479	481	448	448	414	416	419	419	379	381	379	379
547	544	542	448	540	544	544	547	544	547	544	548	544	544	550	547	544	550	545	0	300	352	383
250	258	258	250	250	257	258	253	242	242	249	273	282	293	292	298	283	300	335	308	311	292	287
6	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
263	263	260	263	263	263	268	280	275	281	321	327	327	327	321	321	297	297	312	273	270	260	219
191	190	191	191	191	191	190	191	194	196	196	196	198	198	200	200	201	198	187	187	185	185	184
0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	0	0	0	0
8	9	9	10	11	12	14	15	17	18	17	16	15	14	14	13	12	11	11	10	10	9	9
35	35	34	34	34	33	33	33	33	34	34	35	35	36	36	36	35	34	34	33	32	32	32
27	27	27	27	26	26	25	25	24	24	23	22	22	21	21	20	19	19	19	20	20	21	21
8	8	7	6	5	5	4	3	2	3	3	4	5	5	6	6	6	6	6	6	7	7	7
5322	5313	5342	5227	5620	5657	5639	5634	5678	5753	5819	5831	5890	5858	5862	5832	5805	5828	5882	5140	5401	5398	51

CHART NO. 5

MAY	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	107
9	8	8	7	9	11	13	16	18	20	22	23	23	25	26	28	29	30	31	446
15	15	16	17	17	18	19	19	19	19	19	19	19	18	18	18	18	18	18	550
14	14	14	14	15	15	16	16	17	17	18	18	18	17	17	16	16	15	15	463
39	40	39	40	40	40	36	36	38	39	39	39	35	39	38	38	36	38	39	1170
11	10	10	9	9	9	10	10	10	11	11	10	9	9	8	8	7	6	6	280
11	13	15	15	13	11	9	12	14	14	14	9	9	12	12	12	13	13	13	379
43	45	44	43	43	49	49	49	43	44	43	54	54	54	54	43	43	43	43	1403
39	38	38	39	40	41	43	44	45	46	46	46	47	47	47	48	48	46	46	1294
85	87	79	93	79	101	94	83	93	91	94	101	84	74	77	76	73	85	85	2576
7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	6	6	89
10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	10	10	292
117	117	117	115	113	112	110	109	107	106	103	100	97	94	91	89	86	83	83	3403
260	263	264	265	267	268	270	268	268	268	268	260	240	240	241	0	241	249	249	7790
5	5	5	5	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	78
12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	369
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	341
46	45	45	44	46	48	50	53	55	57	59	57	55	53	51	49	47	45	45	1453
5	5	5	5	5	6	6	6	6	6	6	7	7	7	8	8	8	8	8	203
37	37	38	39	40	42	43	44	45	43	42	40	39	37	36	34	33	34	34	1205
33	33	33	33	33	33	33	33	33	33	32	30	29	28	26	25	23	22	22	985
15	15	15	16	16	16	17	17	17	16	16	15	15	14	14	13	13	13	13	423
0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	60
11	11	12	12	12	11	11	10	10	9	9	8	8	7	7	6	5	5	5	257
33	33	33	33	33	34	34	34	35	35	35	34	33	32	31	30	29	28	28	945
4	4	4	4	5	6	6	7	8	8	8	8	7	7	7	6	6	6	6	150
3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	66
0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	4

DISCHARGE IN SECOND FEET OF BOISE VA
BY DAYS DURING THE IRRIGATION SEASON OF 1971

[illegible]

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1973, INCLUDING STORAGE

	7	8	9	10	11	12	13	JUNE 14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
6	6	7	7	7	7	7	7	7	7	6	6	6	6	6	6	0	0	0	0	0	0	0	7
0	19	18	17	17	17	16	15	14	15	16	16	17	17	18	19	17	15	13	11	10	8	7	10
9	19	20	20	20	20	20	20	20	19	19	19	19	19	19	19	18	18	18	18	19	19	20	20
6	15	14	13	13	12	11	11	10	10	10	11	11	11	12	12	12	12	13	13	13	14	14	14
1	40	40	41	41	41	41	41	41	39	40	40	39	34	41	39	37	31	39	39	39	39	39	39
4	5	6	7	7	8	9	10	10	11	11	12	12	13	13	13	13	13	12	12	12	11	11	12
3	12	8	8	10	15	15	12	11	8	8	8	11	12	12	12	12	9	9	11	12	13	13	12
7	47	47	47	47	47	47	47	47	43	43	44	47	47	47	47	47	47	47	48	48	49	45	45
32	33	33	33	34	34	34	34	34	34	34	35	35	35	35	36	38	39	40	41	43	44	44	44
30	83	79	77	80	82	76	76	76	79	85	71	76	69	68	68	68	68	74	73	73	60	66	65
0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7	6	6	6	5	5	5	5	5
11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11
14	117	119	122	124	127	129	129	129	128	128	127	126	126	125	123	122	120	118	117	115	114	114	114
73	274	275	278	279	278	270	268	268	266	265	264	261	251	251	251	252	252	252	250	253	253	253	254
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	23	23	23	22	22	22	22	22	21	21	21	20	20	20	20	20	21	21	22	22	23	23	22
10	10	9	9	9	9	9	10	10	10	10	11	11	11	12	12	12	13	13	13	13	13	13	13
34	34	34	34	33	33	33	33	34	35	36	37	38	39	40	40	40	40	40	41	41	41	41	44
6	7	7	7	8	8	8	8	8	0	0	0	0	0	0	0	0	6	6	6	6	6	6	7
42	42	43	43	44	45	43	41	40	38	36	34	32	34	36	38	40	43	45	47	48	48	49	49
32	34	36	38	39	41	43	41	39	38	36	35	33	32	32	32	32	33	33	33	33	33	33	34
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
3	3	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	4	4	4	4	4	4	3
5	5	6	6	6	7	7	7	7	6	6	5	5	4	4	4	4	4	4	5	5	5	5	5
25	24	24	23	22	22	21	20	20	20	20	19	19	19	19	19	19	19	19	19	19	0	0	0
6	6	7	7	8	8	9	8	8	7	7	6	6	5	5	5	5	5	0	0	0	0	0	0
1	1	2	2	2	2	2	2	2	0	0	0	0	0	0	0	2	2	2	2	2	2	3	3
0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0
83	183	184	183	184	186	186	187	187	186	186	186	179	180	176	179	190	186	186	184	183	183	181	186
81	81	81	81	81	81	87	74	74	74	74	70	74	74	74	74	74	74	81	74	79	79	79	79
735	2746	2758	2746	2763	2746	2746	2758	2730	2730	2730	2730	2730	2735	2735	2685	2685	2679	2679	2722	2780	2780	2892	2881
19	19	20	20	21	21	22	22	23	25	26	28	29	30	31	29	27	25	23	22	20	19	19	20
11	11	11	11	11	11	11	11	11	11	11	7	7	7	7	7	7	10	7	7	10	10	12	10
475	473	473	473	473	470	451	471	483	481	469	469	469	469	469	469	469	467	467	467	470	467	465	495
556	553	550	544	547	544	539	540	539	539	537	537	539	542	542	539	535	539	539	539	539	548	542	544
292	292	303	285	309	300	282	276	292	300	317	313	303	276	247	255	253	245	253	238	235	230	238	23
0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
12	12	12	12	12	12	12	12	10	10	10	11	10	10	10	10	11	10	11	10	10	10	10	1
318	321	318	318	321	321	320	315	321	289	289	292	292	286	306	312	306	303	297	348	349	406	409	41
202	201	201	203	195	202	201	201	201	200	199	198	198	197	197	197	196	196	194	196	196	197	196	1
3	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	0	0	0	0	0	0	4	
10	11	12	12	13	14	14	13	12	11	11	10	9	9	10	11	12	13	14	15	16	14	13	
36	36	37	37	37	37	36	36	35	35	34	34	34	33	33	33	32	32	31	31	31	31	31	
23	22	21	21	20	19	18	18	19	19	20	20	21	21	21	21	22	22	23	23	24	24	24	
6	5	5	4	3	3	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
43	5855	5874	5842	5892	5881	5828	5826	5829	5792	5797	5768	5749	5728	5717	5672	5667	5655	5662	5747	5792	5834	5965	

CHART NO. 5

ATION SEASON OF 1973, INCLUDING STORAGE

JUNE		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
2	7	7	6	6	6	6	6	6	0	0	0	0	0	0	0	0	7	7													147	
15	14	15	16	16	17	17	18	19	17	15	13	11	10	8	7	10	13														514	
20	20	19	19	19	19	19	19	19	18	18	18	18	19	19	20	20	21														571	
31	10	10	10	11	11	11	12	12	12	12	13	13	13	14	14	14	14														393	
41	41	39	40	40	39	34	41	39	37	31	39	39	39	39	39	39	39														1176	
																																0
9	10	10	11	11	12	12	13	13	13	13	12	12	12	11	11	12	12														277	
15	12	11	8	8	8	11	12	12	12	9	9	11	12	13	13	12	12														340	
47	47	47	43	43	44	47	47	47	47	47	47	48	48	49	45	45	45														1387	
34	34	34	34	35	35	35	35	36	38	39	40	41	43	44	44	44	44														1116	
76	76	76	79	85	71	76	69	68	68	68	74	73	73	60	66	65	69														2240	
0	0	7	7	7	7	7	7	7	6	6	6	5	5	5	5	5	0														122	
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11														349	
29	129	128	128	127	126	126	125	123	122	120	118	117	115	114	114	114	114														3509	
70	268	266	265	264	261	251	251	251	252	252	252	250	253	253	253	254	260														7819	
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5														118	
22	22	22	21	21	21	20	20	20	20	21	21	22	22	23	23	22	21														629	
9	10	10	10	11	11	11	12	12	12	13	13	13	13	13	13	13	13														333	
33	33	34	35	36	37	38	39	40	40	40	40	41	41	41	41	44	47														1139	
8	8	8	0	0	0	0	0	0	0	6	6	6	6	6	6	6	7														156	
43	41	40	38	36	34	32	34	36	38	40	43	45	47	48	48	49	49														1228	
43	41	39	38	36	35	33	32	32	32	32	33	33	33	33	33	33	34														1006	
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14														419	
0	0	0	5	5	5	5	5	5	5	4	4	4	4	4	4	4	3														92	
7	7	7	6	6	5	5	4	4	4	4	4	5	5	5	5	5	5														158	
21	20	20	20	20	19	19	19	19	19	19	19	19	19	19	0	0	0														590	
9	8	8	7	7	6	6	5	5	5	5	0	0	0	0	0	0	0														146	
2	2	0	0	0	0	0	0	0	0	2	2	2	2	2	2	3	3														37	
0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0														5	
186	187	187	186	186	186	179	180	176	179	190	186	186	184	183	183	181	186														5309	
87	74	74	74	74	70	74	74	74	74	74	74	81	74	79	79	79	79														2253	
746	2738	2730	2730	2730	2730	2730	2735	2735	2685	2685	2679	2679	2722	2780	2780	2892	2881														82312	
22	22	23	25	26	28	29	30	31	29	27	25	23	22	20	19	19	20														713	
11	11	11	11	11	7	7	7	7	7	10	7	7	10	10	12	12	10														298	
451	471	483	481	469	469	469	469	469	469	467	467	467	470	467	465	465	495														13849	
539	540	539	539	537	537	539	542	542	539	535	539	539	539	539	548	542	544														16134	
282	276	292	300	317	313	303	276	247	255	253	245	253	238	235	230	238	238														8377	
0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0														7	
12	12	10	10	10	11	10	10	10	11	10	11	10	10	10	10	10	10														330	
320	315	321	289	289	292	292	286	306	312	306	303	297	348	349	406	409	416														9260	
201	201	201	200	199	198	198	197	197	197	196	196	194	196	196	197	196	197														5911	
0	0	3	3	3	3	3	3	3	0	0	0	0	0	0	0	4	4														47	
14	13	12	11	11	10	9	9	10	11	12	13	14	15	16	14	13	11														344	
36	36	35	35	34	34	34	33	33	32	32	31	31	31	31	31	31	31														1018	
18	18	19	19	20	20	21	21	21	22	22	23	23	24	24	24	24	24														654	
2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7														82	
588	5826	5829	5792	5797	5768	5749	5728	5717	5672	5667	5655	5662	5747	5792	5834	5965	6015														172914	
																																226
																																173140

DISCHARGE IN SECOND FEET OF BOISE VALLEY
BY DAYS DURING THE IRRIGATION SEASON OF 1973, 1

NAME OF CANAL	JULY															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
AIKEN	7	7	7	7	6	6	6	5	5	5	5	5	4	4	4	4
ANDREWS	16	20	23	26	29	26	23	20	17	14	11	8	9	10	11	11
BALLENTYNE	21	22	21	20	19	18	17	16	15	16	17	17	18	19	19	20
BAXTER	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16
BOISE CITY	39	39	36	39	39	39	39	40	30	31	31	30	31	31	29	30
BOONE																
BOWMAN-SWISHER	13	13	14	14	15	15	16	16	17	17	18	18	18	19	19	20
BUBB (SOUTH BOISE MUTUAL)	12	13	17	17	16	15	12	15	16	15	15	15	12	12	12	14
CALDWELL HIGH LINE	49	49	48	49	49	49	50	50	50	51	50	48	49	49	49	43
CAMPBELL (CANYON)	0	0	0	0	0	0	0	27	27	27	27	28	28	29	29	31
CANYON COUNTY	65	69	69	69	69	83	85	53	60	69	74	68	73	73	69	68
CONWAY-HAMMING	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4
DAVIS DITCH	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12
EUREKA #2	114	114	114	114	114	114	114	114	114	114	114	116	119	121	124	126
FARMERS UNION	263	263	263	262	262	262	261	252	252	247	245	245	243	243	243	240
GRAHAM-GILBERT	5	5	5	5	5	5	4	4	4	4	4	5	5	5	6	6
HAAS	20	19	18	17	16	16	15	15	14	14	13	13	13	12	12	11
HART-DAVIS	13	13	13	13	12	12	12	11	11	11	11	10	10	10	10	10
ISLAND HIGH LINE	50	52	54	57	60	57	53	50	46	43	39	36	36	37	37	38
LEMP	7	7	7	7	6	6	6	5	5	5	5	5	5	4	4	4
LITTLE PIONEER	50	50	51	50	49	48	46	45	43	42	42	43	43	44	45	45
LOWER CENTER POINT	34	35	35	36	36	36	35	34	34	33	32	32	32	33	33	33
MACE-CATLIN	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13
MACE-MACE	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1
MAMMON	5	5	6	6	6	6	6	6	5	5	5	5	5	5	6	6
MCCONNEL ISLAND	25	25	25	25	25	26	28	29	31	32	33	34	32	30	29	28
MC MANUS & TEATER	12	12	12	12	12	11	10	9	8	6	5	5	5	5	6	6
MEEVES #1	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
MEEVES #2	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
MIDDLETON	183	183	186	184	186	186	188	181	181	184	184	183	184	177	181	183
NEW DRY CREEK	79	77	79	79	79	79	79	77	89	89	89	69	69	69	69	69
NEW YORK CANAL (B. OF C.)	2881	2864	2864	2858	2847	2786	2786	2808	2814	2814	2808	2808	2830	2830	2825	2825
PARMA	20	21	21	22	22	22	22	21	21	20	20	20	21	23	25	26
PENITENTIARY	10	10	10	10	10	9	9	9	10	10	12	12	12	10	10	10
PHYLLIS	497	493	522	515	513	479	483	479	477	479	479	471	479	481	481	481
RIDENBAUGH	547	549	547	545	544	547	547	551	546	547	542	544	540	542	542	542
RIVERSIDE	242	263	257	244	249	249	244	245	249	247	250	244	242	268	316	277
ROEDEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSSI MILL	9	11	9	11	11	10	11	11	11	11	11	11	11	11	10	11
SEBREE (FARMERS CO-OP)	381	391	409	388	354	333	330	330	327	327	331	324	318	324	315	321
SETTLERS	196	195	196	196	196	198	0	196	200	198	196	196	196	194	194	193
SEVEN SUCKERS	4	4	4	4	4	0	0	0	0	0	0	0	0	3	3	3
SIEBENBERG	10	8	7	5	3	5	7	9	12	14	16	16	16	16	16	16
THURMAN MILL	31	31	32	32	33	33	34	35	36	36	35	35	34	34	33	33
UPPER CENTER POINT	24	25	25	25	25	25	25	25	24	24	24	24	23	23	22	21
WARM SPRINGS DITCH	7	7	7	7	8	8	8	9	9	9	9	9	9	9	0	0
TOTAL CANAL DIVERSIONS	5986	6010	6059	6017	5975	5864	5660	5853	5847	5859	5852	5821	5825	5856	5886	5858
MISCELLANEOUS																
TOTAL DIVERSIONS																

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1973, INCLUDING STORAGE

7	8	9	10	11	12	13	JULY 14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
6	5	5	5	5	5	4	4	4	4	4	4	4	3	3	3	3	3	3	3	4	4	
23	20	17	14	11	8	9	10	11	11	12	13	14	13	12	11	10	9	8	7	7	7	
17	16	15	16	17	17	18	19	19	20	20	19	19	19	18	18	18	18	18	19	19	19	20
15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	15	15	15	14	14	14	15	1
39	40	30	31	31	30	31	31	29	30	30	30	32	31	32	32	32	32	32	32	32	32	32
16	16	17	17	18	18	18	19	19	20	20	21	21	20	18	17	15	14	12	11	11	11	11
12	15	16	15	15	15	12	12	12	12	14	0	0	0	12	12	12	13	15	15	12	12	12
50	50	50	51	50	48	49	49	49	49	43	49	49	51	51	51	51	58	51	51	51	51	51
0	27	27	27	27	28	28	29	29	30	31	31	31	31	31	31	32	32	32	32	32	33	33
85	53	60	69	74	68	73	73	69	68	72	70	64	65	87	90	81	76	82	72	83	90	87
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	11	11	11	11	11	12	12	12	12	12	12	11	11	11	10	10	10	10	10	11	11	11
114	114	114	114	114	116	119	121	124	126	128	131	130	129	128	128	127	126	125	124	123	122	121
261	252	252	247	245	245	243	243	243	243	240	237	233	200	196	195	192	194	196	198	202	204	206
4	4	4	4	4	5	5	5	6	6	6	6	5	5	4	4	3	3	3	3	3	4	4
15	15	14	14	13	13	13	12	12	11	11	10	10	11	12	13	14	15	16	17	17	17	17
12	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11
53	50	46	43	39	36	36	37	37	38	38	39	39	40	41	41	42	43	44	45	45	45	45
6	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5
46	45	43	42	42	43	43	44	45	45	46	45	44	43	43	42	41	40	40	41	41	42	42
35	34	34	33	32	32	32	32	33	33	33	33	33	33	33	33	33	33	0	0	36	36	36
14	14	14	14	14	13	13	13	13	13	13	12	12	11	11	10	10	10	10	10	11	11	11
3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
6	6	5	5	5	5	5	5	6	6	6	7	7	7	7	7	6	6	6	6	5	5	4
28	29	31	32	33	34	32	30	29	28	26	24	22	22	22	23	23	24	24	24	24	24	24
10	9	8	6	5	5	5	5	6	6	6	6	6	6	6	7	7	7	8	8	8	9	9
2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2
0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
188	181	181	184	184	183	184	177	181	183	179	181	180	180	187	177	174	168	167	162	176	176	165
79	79	77	89	89	89	69	69	69	69	69	69	69	69	57	57	57	66	66	66	66	66	66
2786	2808	2814	2814	2808	2808	2830	2830	2825	2825	2830	2830	2842	2847	2853	2853	2735	2590	2601	2623	2551	2551	2546
22	21	21	20	20	20	21	23	25	26	27	28	30	27	25	22	19	16	14	11	12	12	13
9	9	10	10	12	12	12	10	10	10	10	10	11	9	9	9	9	12	12	12	8	9	9
483	479	477	479	479	471	479	481	481	481	481	461	461	461	463	437	437	413	412	448	448	451	453
547	551	546	547	542	544	540	542	542	542	544	548	547	542	542	540	540	535	401	547	553	554	553
244	245	249	247	250	244	242	268	316	277	258	263	252	260	260	263	265	245	232	223	227	227	227
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
0	11	11	11	11	11	11	11	11	10	11	10	10	10	10	10	12	10	10	10	11	10	10
3	330	330	327	327	331	324	318	315	321	327	351	336	321	303	292	286	289	268	263	263	312	321
8	0	196	200	198	196	196	194	194	193	193	193	194	194	191	191	191	189	184	160	147	146	14
0	0	0	0	0	0	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0
5	7	9	12	14	16	16	16	16	16	16	16	16	16	15	15	15	14	14	14	13	13	1
3	34	35	36	36	35	35	34	33	33	33	33	34	34	34	35	35	34	33	32	32	31	3
5	25	25	24	24	24	23	23	22	21	21	20	20	20	20	19	19	19	18	18	18	18	1
8	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7
5660	5853	5847	5859	5852	5821	5825	5856	5886	5858	5850	5853	5828	5779	5785	5735	5593	5403	5211	5360	5349	5408	53

LY	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4	4	4	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	140
4	11	11	12	13	14	13	12	11	10	9	8	7	7	7	7	7	7	418
0	19	20	20	19	19	19	18	18	18	18	18	19	19	19	20	20	20	579
19	15	16	16	16	16	16	16	15	15	15	14	14	14	15	15	16	16	469
15	29	30	30	30	32	31	32	32	32	32	32	32	32	32	32	31	32	1027
31																		0
																		488
19	19	20	20	21	21	20	18	17	15	14	12	11	11	11	11	12	12	384
12	12	12	14	0	0	0	12	12	12	13	15	15	12	12	12	14	15	1552
49	49	49	43	49	49	51	51	51	51	58	51	51	51	51	51	51	55	730
29	29	30	31	31	31	31	31	31	32	32	32	32	32	33	33	33	33	2307
	73	69	68	72	70	64	65	87	90	81	76	82	72	83	90	87	89	100
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	342
12	12	12	12	12	11	11	11	10	10	10	10	10	10	11	11	11	11	3743
121	124	126	128	131	130	129	128	128	127	126	125	124	123	122	121	121	120	7163
243	243	243	240	237	233	200	196	195	192	194	196	198	202	204	206	211	210	138
	5	6	6	6	6	5	5	4	4	3	3	3	3	3	4	4	4	452
12	12	11	11	10	10	11	12	13	14	15	16	17	17	17	17	17	17	338
10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	1384
37	37	38	38	39	39	40	41	41	42	43	44	45	45	45	45	46	46	152
4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	1372
	44	45	45	46	45	44	43	43	42	41	40	40	41	41	42	42	43	986
32	33	33	33	33	33	33	33	33	33	33	33	0	0	36	36	36	36	384
13	13	13	13	12	12	11	11	10	10	10	10	10	10	11	11	11	11	49
2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	174
5	6	6	6	7	7	7	7	7	6	6	6	6	6	5	5	4	3	809
	30	29	28	26	24	22	22	22	23	23	24	24	24	24	24	23	23	246
5	6	6	6	6	6	6	6	6	7	7	7	8	8	8	9	9	9	74
2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	4
0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	5534

NAME OF CANAL	AUGUST														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
ANDREWS	7	7	9	11	12	14	16	18	20	19	18	18	17	16	16
BALLENTYNE	20	20	21	21	21	21	21	21	20	20	20	19	19	19	18
BAXTER	17	17	17	17	17	18	18	18	18	17	16	16	15	14	14
BOISE CITY	32	32	32	32	32	33	31	32	32	32	32	32	30	32	32
BOONE															
BOWMAN-SWISHER	12	12	12	12	11	11	11	10	10	10	10	10	10	10	10
BUBB (SOUTH BOISE MUTUAL)	13	13	11	11	11	11	11	11	11	11	4	4	4	4	4
CALDWELL HIGH LINE	51	51	49	44	44	46	53	49	49	49	49	49	49	47	43
CAMPBELL (CANYON)	33	34	35	36	37	38	39	40	40	40	40	41	41	41	41
CANYON COUNTY	69	84	86	85	83	80	84	84	74	73	82	86	69	80	77
CONWAY-HAMMING	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
DAVIS DITCH	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12
EUREKA #2	119	119	120	120	121	121	122	122	122	121	121	120	120	119	119
FARMERS UNION	219	219	219	222	222	222	222	220	225	224	223	223	221	222	223
GRAHAM-GILBERT	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2
HAAS	17	17	17	18	18	19	19	20	20	20	19	19	18	18	17
HART-DAVIS	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
ISLAND HIGH LINE	46	46	46	47	47	47	48	48	48	46	44	42	41	39	37
LEMP	5	5	5	4	4	4	4	4	4	4	5	5	5	5	5
LITTLE PIONEER	43	42	42	41	40	40	39	40	41	41	42	43	43	44	44
LOWER CENTER POINT	36	36	35	35	35	34	34	34	33	32	31	31	30	29	28
MACE-CATLIN	11	11	11	11	11	11	11	11	10	10	10	9	9	9	9
MACE-MACE	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4
MAMMON	2	1	1	2	2	3	3	4	4	4	4	4	4	4	4
MCCONNEL ISLAND	23	23	23	22	22	21	21	20	20	21	23	25	26	28	30
MCMAHUS & TEATER	9	9	9	8	8	8	7	7	7	7	7	7	7	7	7
MEEVES #1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
MEEVES #2	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
MIDDLETON	150	152	153	150	153	152	150	150	153	150	153	155	150	142	128
NEW DRY CREEK	66	66	66	66	66	71	71	71	71	71	71	66	62	60	60
NEW YORK CANAL (B. OF C.)	2601	2651	2690	2690	2690	2646	2640	2640	2626	2651	2640	2646	2646	2646	2646
PARMA	14	15	16	17	17	18	19	19	20	19	18	17	16	16	15
PENITENTIARY	11	11	11	8	8	8	8	8	8	6	6	6	6	6	6
PHYLLIS	457	453	453	453	451	446	452	451	431	406	406	406	412	414	412
RIDENBAUGH	550	547	544	543	539	538	544	542	544	544	539	542	543	537	539
RIVERSIDE	238	236	242	247	252	255	253	252	247	245	238	239	245	235	233
ROEDEL	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
ROSSI MILL	10	10	9	9	9	10	10	10	10	10	10	10	10	10	10
SEBREE (FARMERS CO-OP)	348	345	345	333	318	309	303	299	289	324	324	324	327	321	324
SETTLERS	142	152	152	152	151	151	151	151	151	150	150	149	149	149	149
SEVEN SUCKERS	4	4	3	3	2	2	2	2	2	0	0	0	0	0	0
SIEBENBERG	12	12	12	12	12	12	12	12	12	13	13	13	14	14	14
THURMAN MILL	30	30	30	30	30	30	30	30	29	29	29	28	28	28	27
UPPER CENTER POINT	17	17	16	16	16	15	15	15	16	16	17	17	18	19	20
WARM SPRINGS DITCH	7	0	0	0	0	0	0	0	0	0	6	6	6	6	7
TOTAL CANAL DIVERSIONS	5477	5535	5578	5564	5548	5545	5516	5501	5471	5470	5472	5462	5450	5430	5408
MISCELLANEOUS															
TOTAL DIVERSIONS															

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1973, INCLUDING STORAGE

3	4	5	6	7	8	9	10	11	12	13	AUGUST		15	16	17	18	19	20	21	22	23
											14	15									
4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	11	12	14	16	18	20	19	18	18	17	16	16	15	15	15	15	15	15	15	15	15
21	21	21	21	21	21	20	20	20	19	19	19	18	18	17	17	16	16	16	16	16	16
17	17	17	18	18	18	18	17	16	16	15	14	14	13	13	13	13	12	12	12	12	12
32	32	32	33	31	32	32	32	32	32	30	32	32	32	32	32	32	31	32	32	32	32
12	12	11	11	11	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	8	8
11	11	11	11	11	11	11	11	4	4	4	4	4	4	4	4	4	9	11	11	11	6
49	44	44	46	53	49	49	49	49	49	49	47	43	43	43	47	47	47	52	47	43	44
35	36	37	38	39	40	40	40	40	41	41	41	41	41	41	41	42	42	42	42	41	41
86	85	83	80	84	84	74	73	82	86	69	80	77	76	82	80	78	78	79	72	70	73
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
11	11	11	11	11	11	11	12	12	12	12	12	12	12	11	11	11	11	11	11	11	10
120	120	121	121	122	122	122	121	120	120	119	119	119	119	118	118	118	117	117	117	114	111
219	222	222	222	222	220	225	224	223	223	221	222	223	223	224	214	214	213	214	214	214	203
4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3
17	18	18	19	19	20	20	20	19	19	18	18	17	17	17	18	18	18	19	19	19	18
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	9
46	47	47	47	48	48	48	46	44	42	41	39	37	35	36	38	40	42	44	46	47	45
5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6
42	41	40	40	39	40	41	41	42	43	43	44	44	45	45	46	46	46	47	43	39	35
35	35	35	34	34	34	33	32	31	31	30	29	28	28	28	29	29	29	30	30	30	30
11	11	11	11	11	11	10	10	10	9	9	9	9	9	10	10	10	10	10	10	9	9
0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
23	22	22	21	21	20	20	21	23	25	26	28	30	32	33	34	34	35	36	36	37	35
9	8	8	8	7	7	7	7	7	7	7	7	7	7	7	6	6	6	5	5	5	6
2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0
0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1
153	150	153	152	150	150	153	150	153	155	150	142	128	128	140	141	137	134	118	116	106	98
66	66	66	71	71	71	71	71	71	66	62	60	60	74	74	74	74	74	74	74	74	74
2690	2690	2690	2690	2646	2640	2640	2626	2651	2640	2646	2646	2646	2646	2668	2668	2601	2606	2546	2546	2546	2482
16	17	17	18	19	19	20	19	18	18	17	16	16	15	15	16	16	17	17	18	18	19
11	8	8	8	8	8	8	6	6	6	6	6	6	6	7	7	7	9	9	10	12	3
453	453	451	446	452	451	431	406	406	406	412	414	412	414	414	419	421	389	390	391	402	379
544	543	539	538	544	542	544	544	539	542	543	537	539	539	536	535	535	534	533	537	535	530
242	247	252	255	253	252	247	245	238	239	245	235	233	224	227	227	236	253	227	230	235	245
0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11
345	333	318	309	303	299	289	324	324	324	327	321	324	318	324	321	336	339	295	297	295	297
152	152	151	151	151	151	151	150	150	149	149	149	149	149	149	149	151	151	150	149	147	147
3	3	2	2	2	2	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2
12	12	12	12	12	12	12	12	13	13	13	14	14	14	14	14	14	14	14	14	14	14
30	30	30	30	30	30	29	29	29	28	28	28	28	27	27	27	26	26	26	26	26	26
16	16	16	15	15	15	16	16	17	17	18	19	19	20	20	21	21	22	23	23	23	23
0	0	0	0	0	0	0	0	6	6	6	6	6	6	7	7	7	8	8	8	8	8
5578	5564	5548	5545	5516	5501	5471	5470	5472	5462	5450	5430	5408	5406	5456	5460	5413	5411	5280	5274	5248	5221

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

SEPTEMBER

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
ANDREWS	15	15	15	15	15	15	15	14	14	13	13	12	12	12	12
BALLENTYNE	14	14	14	14	14	14	14	13	13	13	13	13	13	12	12
BAXTER	21	21	21	21	21	21	20	19	18	17	16	15	14	14	15
BOISE CITY	26	26	25	25	32	32	26	26	27	25	28	28	28	26	29
BOONE															
BOWMAN-SWISHER	10	10	9	9	9	9	9	9	10	10	11	11	11	11	12
BUBB (SOUTH BOISE MUTUAL)	4	4	11	10	8	8	8	4	4	5	4	4	4	4	4
CALDWELL HIGH LINE	44	44	44	44	46	44	44	44	43	43	43	44	44	44	44
CAMPBELL (CANYON)	34	32	31	29	28	28	29	29	30	30	31	31	30	30	29
CANYON COUNTY	67	71	68	62	66	65	66	66	57	59	72	60	58	60	64
CONWAY-HAMMING	3	3	3	4	4	4	4	3	3	2	2	2	2	2	2
DAVIS DITCH	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10
EUREKA #2	89	88	88	87	86	85	86	87	88	90	91	92	89	86	83
FARMERS UNION	167	167	167	165	165	164	164	163	163	149	149	149	150	144	144
GRAHAM-GILBERT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
HAAS	14	14	14	14	14	14	13	12	11	11	10	9	9	10	11
HART-DAVIS	7	7	7	7	7	7	7	6	6	6	6	6	6	7	7
ISLAND HIGH LINE	31	30	29	28	27	26	28	29	31	33	35	36	38	40	42
LEMP	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4
LITTLE PIONEER	27	29	30	32	34	32	31	30	29	28	27	26	25	24	23
LOWER CENTER POINT	29	29	29	29	29	29	29	29	30	30	31	31	31	31	31
MACE-CATLIN	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6
MACE-MACE	3	3	3	3	3	3	3	3	3	3	0	0	0	0	2
MAMMON	7	7	7	7	7	7	7	6	6	5	5	4	4	4	4
MCCONNEL ISLAND	31	30	30	29	29	29	29	28	28	27	27	26	26	26	27
MCMAHON & TEATER	7	7													
MEEVES #1	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
MEEVES #2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1
MIDDLETON	91	91	92	88	89	88	84	85	83	83	83	85	86	86	86
NEW DRY CREEK	43	43	43	43	43	43	43	43	43	21	21	21	21	21	21
NEW YORK CANAL (B. OF C.)	2125	2055	1963	1896	1834	1796	1777	1782	1639	1603	1553	1516	1467	1504	1459
PARMA	19	19	18	18	17	16	16	16	15	15	14	14	14	14	14
PENITENTIARY	7	7	7	7	7	7	7	9	9	9	9	12	12	12	12
PHYLLIS	259	230	232	232	238	252	245	241	234	230	221	221	221	221	223
RIDENBAUGH	528	519	519	520	526	523	526	509	506	501	476	467	466	451	443
RIVERSIDE	214	216	220	216	221	216	208	230	239	238	224	219	218	220	223
ROEDEL															
ROSSI MILL	9	8	8	7	6	7	7	6	6	7	7	7	5	3	3
SEBREE (FARMERS CO-OP)	280	263	260	239	256	258	255	255	241	239	226	219	219	219	205
SETTLERS	144	136	136	132	132	131	131	126	81	68	67	74	74	73	74
SEVEN SUCKERS	0	0	0	0	0	0	0	3	3	3	3	3	3		
SIEBENBERG	15	14	14	14	14	14	13	13	12	12	11	11	11	11	10
THURMAN MILL	22	21	21	20	20	20	21	21	22	22	22	22	22	22	22
UPPER CENTER POINT	19	19	18	18	17	17	17	17	17	18	18	18	18	18	17
WARM SPRINGS DITCH	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6
TOTAL CANAL DIVERSIONS	4461	4327	4229	4117	4097	4057	4015	4008	3795	3699	3600	3539	3482	3497	3459
MISCELLANEOUS															
TOTAL DIVERSIONS															

DISCHARGE IN SECOND FEET OF NOISE VALLEY CANAL
BY DAYS DURING THE IRRIGATION SEASON OF 1973, INCLUDING STORAGE

		SEPTEMBER																											
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	
5	15	15	15	14	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
4	14	14	14	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
0	21	21	20	19	18	17	16	15	14	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
15	32	32	26	26	27	25	26	28	28	28	26	29	28	27	29	29	28	29	27	26	26	28	28	28	28	28	28	28	
9	9	9	9	9	10	10	11	11	11	11	12	12	13	13	14	14	14	14											
10	8	8	8	4	4	5	4	4	4	4	4	4	11	11	11	11	7	7	4	6	4								
44	46	44	44	44	43	43	43	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	
29	28	28	29	29	30	30	31	31	30	30	29	29	28	28	27	27	27	27											
62	66	65	66	66	57	59	72	60	58	60	64	63	63	68	64	69	58	59	33	33	33								
4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	
11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
87	86	85	86	87	88	90	91	92	89	86	83	80	77	74	71	70	92	68	68	64	64	64	64	64	64	64	64	64	
165	165	164	164	163	163	149	149	149	130	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
14	14	14	13	12	11	11	10	9	9	10	11	10	10	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
7	7	7	7	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	
28	27	26	28	29	31	33	35	36	38	40	42	44	45	46	48	50	50	49	47	44	44	44	44	44	44	44	44	44	
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
32	34	32	31	30	29	28	27	26	25	24	23	23	23	28	24	29	20	20	20	20	20	20	20	20	20	20	20	20	
29	29	29	29	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	8	8	8	8	8	8	8	8	8	8	8	
3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	4												
7	7	7	7	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
29	29	29	29	28	28	27	27	26	26	26	27	27	27	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
88	89	88	84	85	83	83	83	83	83	86	86	86	86	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	
43	43	43	43	43	43	21	21	21	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
1896	1834	1796	1777	1782	1619	1603	1533	1310	1407	1304	1439	1839	1839	1839	1808	1806	1806	1803	1859	1323	1363	1363	1363	1363	1363	1363	1363	1363	
18	17	16	16	16	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
7	7	7	7	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	
232	238	252	245	241	234	230	221	221	221	221	223	223	228	204	243	213	213	213	207	201	198	198	198	198	198	198	198	198	
520	526	523	526	509	506	301	478	467	466	451	443	433	419	490	412	412	413	388	378	376	376	376	376	376	376	376	376	376	
216	221	216	208	230	239	238	284	219	218	220	223	226	225	230	260	222	230	232	232	232	232	232	232	232	232	232	232	232	
7	6	7	7	6	6	7	7	7	5	3	3	0	7	7	8	7	7	8	8	7	8	7	8	7	8	7	8	7	
299	256	258	255	255	241	239	226	219	219	219	219	203	211	211	219	213	213	213	196	195	196	193							
132	132	131	131	126	81	68	67	74	74	73	74	73	78	78	74	76	74	73	73	73	73	73	73	73	73	73	73	73	
0	0	0	0	3	3	3	3	3	3	3																			
14	14	14	13	13	12	12	11	11	11	11	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
20	20	20	21	21	22	22	22	22	22	22	22	22	22	22	21	21	21	21	20	20	20	20	20	20	20	20	20	20	
18	17	17	17	17	17	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
4117	4097	4057	4015	4008	3793	3899	3800	3339	3482	3497	3439	3436	3431	3421	3413	3402	3383	3366	3172	3133	1880								

[illegible]

BY DAYS DURING THE IRRIGATION SEASON

OCTOBER

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	3	3	3	3	3	3	3	3	3	3					
ANDREWS	23	24	25	24	23	23	22	21	20	20					
BALLENTYNE	12	12	12	13	13	13	14	14	14	14					
BAXTER	13	13													
BOISE CITY	24	24	24	23	23	17	17	17							
BOONE															
BOWMAN-SWISHER															
BUBB (SOUTH BOISE MUTUAL)	9	9	9	7	4	4	4								
CALDWELL HIGH LINE	40	42	38	38	38										
CAMPBELL (CANYON)															
CANYON COUNTY	45	46	46	41	41	36	41	43	43	43					
CONWAY-HAMMING															
DAVIS DITCH	7	7	7	7	7	7	7	7	7	7					
EUREKA #2	41	37	33	32	31	30	29	28	27	27					
FARMERS UNION	127	127	127	127	127										
GRAHAM-GILBERT	2	2	2	2	2	2	2	2	2	2					
HAAS	14	14	0	0	0	0	6	6	6	6					
HART-DAVIS	6	6	6	6	6	6	6	6	6	6					
ISLAND HIGH LINE	16	14	13	13	12	12	11	11	11	11					
LEMP	4	4	4	4	4	4	4	4	4	4					
LITTLE PIONEER	0	0	0	0	0	0	10								
LOWER CENTER POINT	10	10	10	9	8	7	6	5	4	4					
MACE-CATLIN	5	5	5	5	5	5	5	5	5	5					
MACE-MACE															
MAMMON															
MC CONNEL ISLAND	25	24	24	24	24	24	23	23	23	23					
MC MANUS & TEATER															
MEEVES #1															
MEEVES #2	0	0	0	0	0	1	0	0	0	1					
MIDDLETON	79	79	78	77	76	76	75	74	73	73					
NEW DRY CREEK	24	24	24	24	24	10	10	10	10	10					
NEW YORK CANAL (B. OF C.)	990	993	973	984	987	987	987	987	980	330					
PARMA	12	12	11	11	11	11	10	10	10	10					
PENITENTIARY	7	7	2	1	1	1	1	1							
PHYLLIS	169	175	175												
RIDENBAUGH	262	261	261	261	261										
RIVERSIDE	192	180	182	176	174	185	187	184	185	185					
ROEDEL															
ROSSI MILL	5	5	5	5	5										
SEBREE (FARMERS CO-OP)	79	84	83	84	84	84	84	85	87	87					
SETTLERS	59	59	58	54	54										
SEVEN SUCKERS															
SIEBENBERG	6	6	6	6	6	5	5	4	4	4					
THURMAN MILL	17	16	14	13	11	10	8	6	4	4					
UPPER CENTER POINT	10	10													
WARM SPRINGS DITCH	2	2	2	2	2	2	2	2	2	2					
TOTAL CANAL DIVERSIONS	2339	2336	2282	2076	2067	1565	1579	1558	1530	881					
MISCELLANEOUS															
TOTAL DIVERSIONS															

OCTOBER

						OCTOBER														
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
3	3	3	3	3																
23	22	21	20	20																
13	14	14	14	14																
17	17	17																		
4	4	4																		
41	36	41	43	43	43															
7	7	7	7	7	7															
31	30	29	28	27	27															
127																				
2	2	2	2	2	2															
0	0	6	6	6	6															
6	6	6	6	6	6															
12	12	11	11	11	11															
4	4	4	4	4	4															
0	0	10																		
8	7	6	5	4	4															
5	5	5	5	5	5															
24	24	23	23	23	23															
0	1	0	0	0	1															
76	76	75	74	73	73															
24	10	10	10	10	10															
987	987	987	987	980	330															
11	11	10	10	10	10															
1	1	1	1																	
261																				
174	185	187	184	185	185															
5																				
84	84	84	85	87	87															
54																				
6	5	5	4	4	4															
11	10	8	6	4	4															
2	2	2	2	2	2															
2067	1565	1579	1558	1530	881															

OCTOBER		TOTAL
14		30
15		225
16		131
17		26
18		169
19		0
20		0
21		46
22		196
23		0
24		425
25		0
26		70
27		315
28		635
29		20
30		52
31		60
		124
		40
		10
		73
		50
		0
		0
		237
		0
		0
		2
		760
		170
		9218
		108
		21
		519
		1306
		1830
		0
		25
		841
		284
		0
		52
		103
		20
		20
		18213
		47
		18260

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1973

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
AIKEN	152	214	294	280	204	116	60	1320
ANDREWS	672	892	1028	836	916	908	450	5702
BALLENTYNE	836	1100	1142	1158	1106	760	262	6364
BAXTER	370	926	786	938	984	986	52	5042
BOISE CITY	946	2340	2352	2054	1960	1624	338	11614
BOONE	0	0	0	0	0	0	0	0
BOWMAN-SWISHER	314	560	554	976	614	488	0	3506
BUBB	220	758	680	768	456	352	92	3326
CALDWELL HIGH LINE	1916	2806	2774	3104	2906	2636	392	16534
CAMPBELL	362	2588	2232	1460	2424	1288	0	10354
CANYON COUNTY	2538	5152	4480	4614	4804	3588	850	26026
CONWAY-HAMMING	96	178	244	200	222	134	0	1074
DAVIS	202	584	698	684	680	596	140	3584
EUREKA #2	4360	6806	7018	7486	7062	4562	630	37924
FARMERS UNION	7540	15580	15638	14326	13080	8906	1270	76340
GRAHAM-GILBERT	30	156	236	276	164	120	40	1022
HAAS	94	738	1258	904	1094	770	104	4962
HART-DAVIS	114	682	666	676	634	428	120	3320
ISLAND HIGH LINE	1482	2906	2278	2768	2610	2016	248	14308
LEMP	212	406	312	304	322	244	80	1880
LITTLE PIONEER	1650	2410	2456	2744	2372	1342	20	12994
LOWER CENTER POINT	1114	1970	2012	1972	1920	1494	146	10628
MACE-CATLIN	116	846	838	768	606	396	100	3670
MACE-MACE	78	120	184	98	152	84	0	716
MAMMON	6	514	316	348	250	238	0	1672
MCCONNEL ISLAND	1102	1890	1180	1618	1778	1658	474	9700
MCMANUS & TEATER	28	300	292	492	424	28	0	1564
MEEVES #1	96	132	74	148	120	94	0	664
MEEVES #2	0	8	10	8	8	10	4	48
MIDDLETON	4268	11148	10618	11068	8034	5066	1520	51722
MISCELLANEOUS	236	412	452	588	514	410	94	2706
	2150	4872	4506	4450	4376	1866	340	22560
	87762	159906	164624	171160	158994	90134	18436	851016
	22	1816	1426	1260	1098	914	216	7652
		702	596	630	436	570	42	3256
		25514	27698	29092	24552	13106	1038	131218
	24	3114	32268	33554	33312	25832	2612	175826
	10188	16624	16754	15506	14876	13482	3660	91090
	0	38	14	8	28	0	0	88
	268	664	660	628	606	368	50	3244

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1973

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
AIKEN	152	214	294	280	204	116	60	1320
ANDREWS	672	892	1028	836	916	908	450	5702
BALLENTYNE	836	1100	1142	1158	1106	760	262	6364
BAXTER	370	926	786	938	984	986	52	5042
BOISE CITY	946	2340	2352	2054	1960	1624	338	11614
BOONE	0	0	0	0	0	0	0	0
BOWMAN-SWISHER	314	560	554	976	614	488	0	3506
BUBB	220	758	680	768	456	352	92	3326
CALDWELL HIGH LINE	1916	2806	2774	3104	2906	2636	392	16534
CAMPBELL	362	2588	2232	1460	2424	1288	0	10354
CANYON COUNTY	2538	5152	4480	4614	4804	3588	850	26026
CONWAY-HAMMING	96	178	244	200	222	134	0	1074
DAVIS	202	584	698	684	680	596	140	3584
EUREKA #2	4360	6806	7018	7486	7062	4562	630	37924
FARMERS UNION	7540	15580	15638	14326	13080	8906	1270	76340
GRAHAM-GILBERT	30	156	236	276	164	120	40	1022
HAAS	94	738	1258	904	1094	770	104	4962
HART-DAVIS	114	682	666	676	634	428	120	3320
ISLAND HIGH LINE	1482	2906	2278	2768	2610	2016	248	14308
LEMP	212	406	312	304	322	244	80	1880
LITTLE PIONEER	1650	2410	2456	2744	2372	1342	20	12994
LOWER CENTER POINT	1114	1970	2012	1972	1920	1494	146	10628
MACE-CATLIN	116	846	838	768	606	396	100	3670
MACE-MACE	78	120	184	98	152	84	0	716
MAMMON	6	514	316	348	250	238	0	1672
MCCONNEL ISLAND	1102	1890	1180	1618	1778	1658	474	9700
MCMANUS & TEATER	28	300	292	492	424	28	0	1564
MEEVES #1	96	132	74	148	120	94	0	664
MEEVES #2	0	8	10	8	8	10	4	48
MIDDLETON	4268	11148	10618	11068	8034	5066	1520	51722
MISCELLANEOUS	236	412	452	588	514	410	94	2706
NEW DRY CREEK	2150	4872	4506	4450	4376	1866	340	22560
NEW YORK CANAL	87762	159906	164624	171160	158994	90134	18436	851016
PARMA	922	1816	1426	1260	1098	914	216	7652
PENITENTIARY	280	702	596	630	436	570	42	3256
PHYLLIS	10218	25514	27698	29092	24552	13106	1038	131218
RIDENBAUGH	17134	31114	32268	33554	33312	25832	2612	175826
RIVERSIDE	10188	16624	16754	15506	14876	13482	3660	91090
ROEDEL	0	38	14	8	28	0	0	88
ROSSI MILL	268	664	660	628	606	368	50	3244

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1973

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
SEBREE	9586	17034	18520	20202	19410	12216	1682	98650
SETTLERS	2204	11702	11822	11088	9250	5204	568	51838
SEVEN SUCKERS	66	78	94	102	94	36	0	470
SIEBENBERG	40	662	688	780	834	616	104	3724
THURMAN MILL	996	2100	2036	2054	1698	1240	206	10330
UPPER CENTER POINT	706	1452	1308	1330	1176	932	40	6944
WARM SPRINGS DITCH	316	392	164	328	320	350	40	1910
TOTALS	173986	339792	346280	355836	329480	208208	36520	1790102

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

NAME OF CANAL	1967	1968	1969	1970	1971	1972	
AIKEN		1212	1122	1336	914	1112	
ANDREWS		8042	7708	9240	7670	7878	
BALLENTYNE	5148	4518	6284	6040	6418	6108	
BAXTER		4460	3210	4100	4966	4464	
BOISE CITY	9812	10430	11110	10552	12238	12438	
BOISE VALLEY	19988	19124	20358	17462	17546	19494	198
BOONE			106	0	0	0	
BOWMAN-SWISHER		3474	3038	2044	3664	2956	350
BUBB (SOUTH BOISE MUTUAL)	5390	4452	4098	3738	4128	3698	332
CALDWELL HIGH LINE	21440	17308	19044	16440	15438	16356	1653
CAMPBELL (CANYON)	9344	9536	11258	11054	12100	12838	10354
CANYON COUNTY WATER CO	24268	22428	24682	27386	26078	26794	26026
CAPITAL VIEW IRRIG. DIST.	2072	2142	2730	2440	2222	2524	2450
CONWAY-HAMMING		1238	1304	832	674	782	1074
DAVIS DITCH	3834	4680	4124	4038	3762	3978	3584
EUREKA WATER CO. #1	7574	8456	10568	10672	10236	9398	10890
EUREKA #2	32866	36268	31052	32952	33538	39478	37924
FARMERS UNION	51008	49316	52656	53180	56308	54104	54050
GRAHAM-GILBERT		648	676	534	294	386	1022
HAAS		4294	3330	4058	4084	4156	4962
HART-DAVIS		5776	4382	3702	2782	2622	3320
ISLAND HIGH LINE		13914	15988	15850	12972	13418	14308
LEMP		2980	1504	2174	840	1168	1880
LITTLE PIONEER	11282	9114	14032	16536	12964	13410	12994
LOWER CENTER POINT	12702	11292	8676	9668	9370	10638	10628
MACE-CATLIN		2428	2408	2802	2584	2788	3670
MACE-MACE		1114	814	758	372	324	716
MAMMON		1162	1384	1704	2020	1802	1672
MCCONNEL ISLAND		10832	12894	15302	13182	12934	9700
MCMAHUS AND TEATER		1340	1564	1156	1112	1424	1564
MEEVES #1		612	690	846	570	740	664
MEEVES #2					250	252	48
MIDDLETON WATER CO.	27928	29133	31028	32880	30984	31547	29999
MIDDLETON MILL DITCH	20224	21097	22468	23810	22436	22845	21723
MISCELLANEOUS	5962	6102	9960	2378	2650	2222	2706
NEW DRY CREEK	19088	19964	21764	19110	19690	17346	17840
NEW UNION	5158	5118	4024	4002	4474	4262	4720
NEW YORK CANAL (B. OF C.)	908206	857014	930788	885602	947652	868444	851016
PARMA		7462	6984	8678	8402	8426	7652
PENITENTIARY	1954	2114	2008	2342	2790	2404	3256
PHYLLIS	125032	105940	132490	128090	128064	132206	120328
PIONEER DIXIE	24206	24766	23618	23700	22800	23856	30362
RIDENBAUGH	174206	169182	177208	175524	176718	181950	175826
RIVERSIDE	57026	54290	51356	43538	57780	69600	60728
ROEDEL		1780	610	608	800	312	88

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1967

	1970	1971	1972	1973
	1336	914	1112	1320
	9240	7670	7878	5702
	6040	6418	6108	6364
	4100	4966	4464	5042
	10552	12238	12438	11614
	17462	17546	19494	19840
	0	0	0	0
	2044	3664	2956	3506
	3738	4128	3698	3326
	16440	15438	16356	16534
	11054	12100	12838	10354
	27386	26078	26794	26026
	2440	2222	2524	2450
	832	674	782	1074
	4038	3762	3978	3584
	10672	10236	9398	10890
	32952	33538	39478	37924
	53180	56308	54104	54050
	534	294	386	1022
	4058	4084	4156	4962
	3702	2782	2622	3320
	15850	12972	13418	14308
	2174	840	1168	1880
	16536	12964	13410	12994
	9668	9370	10638	10628
	2802	2584	2788	3670
	758	372	324	716
	1704	2020	1802	1672
	15302	13182	12934	9700
	1156	1112	1424	1564
	846	570	740	664
		250	252	48
	32880	30984	31547	29999
	23810	22436	22845	21723
	2378	2650	2222	2706
	19110	19690	17346	17840
	4002	4474	4262	4720
	885602	947652	868444	851016
	8678	8402	8426	7652
	2342	2790	2404	3256
	128090	128064	132206	120328
	23700	22800	23856	30362
	175524	176718	181950	175826
	43538	57780	69600	60728
	608	800	312	88

chart 7 1974

Floodwater during iriga. season

apr 472,434
may 646,402
june 555,312

1,674,148

Total outflow iriga season
diversion 1974 acre ft

Sec. 1
apr 101,378
may 288,638
june 279,962
669,978

Sec. 1 return flow 1974 acre ft.
apri 2892
may 5988
june 7270
16,150

+ 1,674,148 outflow apr 1 - July 1

- 669,978 Sec #1 diversions

+ 16,150 " " return flow

1,020,320 flood water evacuated during iriga

+ 3,046,922 total outflow L.P. Jan 1 - Dec 31

- 1,900,080 total diversions chart 6

+ 451,392 total return flow

1,598,234 total evacuated for flood

L DIVERSIONS IN ACRE FEET

MINING 1967

1973

1974

3244

98650

51838

470

3724

10330

6944

1910

1790102 1900080 + chart

461186 475174 - chart

236678 451,392 - chart

1092238 973,514

0 1,598,234

DELETED

1400638 3,046,922

19195 34,046

100148 136,988

0 1,598,234

145 207,114

252 314,7560

E)

96 3,046,922

30,469,222
2,218,200
2,706,400
2,991,820
5,553,120
6,464,020
4,724,340
2,760,820
1,502,720
164,120

Total outflow L.P.
Jan 1 Dec 31

1966 IN PREVIOUS REPORTS

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

BOISE RIVER CANAL DIVERSIONS IN

BEGINNING 1967

NAME OF CANAL	1967	1968	1969	1970	1971	1972	1973
ROSSI MILL (SOUTH BOISE CANAL)	3232	3082	3478	3212	3428	3340	3244
SEBREE (FARMERS CO-OP)	105780	101228	94108	91792	95350	96446	98650
SETTLERS	52424	51430	51930	55450	56316	53818	51838
SEVEN SUCKERS		1330	788	664	762	602	470
SIEBENBERG	4280	3736	4378	4756	3310	3938	3724
THURMAN MILL	10512	10198	11564	9102	9642	10608	10330
UPPER CENTER POINT	5270	5518	5186	5322	5094	6136	6944
WARM SPRINGS DITCH		2558	2116	1528	1936	1658	1910
TOTAL SUMMER DIVERSIONS	1785410	1755632	1870648	1810684	1882374	1832428	1790102 19
STORAGE WATER USED		581723	555489	471312	418822	422038	461186 4
SUMMER RETURN FLOW USED	428828	253699	385530	423236	485686	483054	236678 42
NATURAL FLOW USED IRRIGATION SEASON		920210	929629	916136	977866	927336	1092238 97
FLOOD CONTROL & OTHER LOSS TO IRRIGATION	0	0	239554	324006	909339	823660	0 1,59
LOSS TO THE BOISE RIVER @PARMA		237060	783482	573559	1336242	1073714	(DELETE)
OUTFLOW LUCKY PEAK RESERVOIR				1823244	2541080	2266804	1400638 3,03
FISH AND GAME	37050	18992	10290	16126	12056	19554	19195
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	93370	27416	0	4272	0	62902	100148 17
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM	0	0	709378	920626	1969314	1810036	0 15
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1785410	1802040	1880938	1831082	1894430	1914884	1909445 207
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	1487002	1364416	2519304	2295068	3361958	3080356	1378052 314
TOTAL LOSS TO THE BOISE RIVER @PARMA		454788	1527244	1218344	2528166	2110052	(DELETE)
TOTAL OUTFLOW LUCKY PEAK	1647352	1466906	2384296	2102898	3366002	3159410	1551496 30

YEARS 1950 THRU 1966 IN PREVIOUS REPORTS

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

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1967

1968	1969	1970	1971	1972	1973	1974
3082	3478	3212	3428	3340	3244	
01228	94108	91792	95350	96446	98650	
51430	51930	55450	56316	53818	51838	
1330	788	664	762	602	470	
3735	4378	4756	3310	3938	3724	
10198	11564	9102	9642	10608	10330	
5518	5186	3322	5094	6136	6944	
2558	2116	1528	1936	1658	1910	
155632	1870648	1810684	1882374	1832428	1790102	1900080 + chart 6
581723	555489	471312	418822	422038	461186	475174 - chart 10
253699	385530	423236	485686	483054	236678	451,392 - chart 13
220210	929629	916136	977866	927336	1092238	973514 = summer diversions
0	239554	324006	909339	823660	0	1,598 234 apr 1 - July
237060	783482	573559	1336242	1073714	(DELETE)	
		1823244	2541080	2266804	1400638	3,046,922 apr 1 - Oct 14
18992	10290	16126	12056	19554	19195	34,046 Jan 1 Dec 31
27416	0	4272	0	62902	100148	136988 Lake Lowell or other
0	709378	920626	1969314	1810036	0	1598 234 outflow L.P. - summer
802040	1880938	1831082	1894430	1914884	1909445	2071114 summer diversions
364416	2519304	2295068	3361958	3080356	1378052	3147560
454788	1527244	1218344	2528166	2110052	(DELETE)	
466906	2384296	2102898	3366002	3159410	1551496	3046922 Jan 1 - Dec 31

NG 1967

1973 1974

3244

98650

51838

470

3724

10330

6944

1910

1790102 1900080 + chart 6

461186 475174 - chart 10

236678 451,392 - chart 13

1092238 973514 = summer diversions, less storage, less return flow

0 1,598,234 apr 1 - July 1

(DELETE)

1400638 3,046,922 apr 1 - Oct 14

19195 34,046 Jan 1 Dec 31

100148 136988 Lake Lowell or other

0 1,598,234 outflow L.P. - Summer diversions + return flow sec #1

1909445 2071114 summer diversion + Fish + Game + new york canal off
season diversions

1378052 3147560

(DELETE)

1551496 3046922 Jan 1 - Dec 31

FOR EACH IRRIGATION SEASON
(ACREAGE TAKEN FROM CHART)

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED
AIKEN						296	5.14	296
ANDREWS						1068	7.53	1068
BALLENTYNE	763	9.04	763	6.99	6.75	763	5.92	763
BAXTER						200	2.23	200
BOISE CITY	1828	5.40	1828	5.67	5.37	1828	5.71	1828
BOISE VALLEY	2729	5.78	2729	8.12	7.32	2729	7.01	2729
BOONE								517
BOWMAN-SWISHER						424	8.19	424
BUBB (SOUTH BOISE MUTUAL)	1057	4.23	1057	4.63	5.10	1057	4.21	1057
CALDWELL HIGH LINE	3960	5.27	3960	4.25	5.41	3960	4.37	3960
CAMPBELL (CANYON)	802	15.54	802	13.78	11.65	802	11.89	802
CANYON COUNTY	4007	6.30	4007	6.36	6.06	4007	5.60	4007
CAPITAL VIEW						600	3.57	600
CONWAY-HAMMING						259	4.78	259
DAVIS DITCH	634	7.10	634	6.99	6.05	634	7.38	634
EAGLE ISLANDS CANALS	2637	5.85	2134	6.26	6.93	(LISTED INDIVIDUALLY)		
EUREKA WATER CO. #1	1800	5.24	1800	6.00	4.21	1800	4.70	1800
EUREKA #2	2625	14.67	2625	16.48	12.52	2625	13.82	2625
FARMERS UNION	8900	6.98	8900	6.04	5.96	8900	5.94	8900
GRAHAM-GILBERT						200	3.24	200
HAAS						750	5.73	867
HART-DAVIS						459	12.75	453
ISLAND HIGH LINE						945	14.72	945
LEMP						300	9.93	300
LITTLE PIONEER	1286	10.53	1286	8.81	8.77	1286	7.09	1286
LOWER CENTER POINT	880	11.47	880	16.15	14.43	880	12.83	880
MACE-CATLIN						536	4.53	536
MACE-MACE						80	13.93	80
HAMMON						168	6.92	468
MCDONNELL ISLAND						1600	6.77	1600
MCNAMUS & TEATER						168	7.98	168
NEEVES #1						90	6.80	90
NEEVES #2								
MIDDLETON IRRIG. ASSOC.	5182	5.89	5180	6.01	5.39	5180	5.62	5180
MIDDLETON MILL	4400	5.02	4400	5.12	4.60	4400	4.80	4400
MISCELLANEOUS	511	7.25	1428	6.74	3.53			
NEW DRY CREEK	3059	7.21	3059	6.61	6.24	957	6.38	2610
NEW UNION	688	6.96	688	7.30	7.50	3059	6.53	3059
NEW YORK CANAL (B. OF C.)	164734	5.29	164729	5.33	5.51	688	7.44	688
PARMA						164617	5.21	164617
						602	12.40	602

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

1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972
		236	5.14	236	4.75	236	5.66	236	3.87	4.71
6.99	6.75	1068	7.53	1068	7.22	1068	8.65	1068	7.18	7.38
		763	5.92	763	8.24	763	7.92	763	8.41	8.01
5.67	5.37	200	2.23	200	16.05	200	20.50	200	24.83	22.30
		1828	5.71	1828	6.08	1828	5.77	1828	6.69	6.80
8.12	7.32	2729	7.01	2729	7.46	2729	6.40	2729	6.43	7.14
		517	2.21	517	0	517	0	517	0	0
4.63	5.10	424	8.19	424	7.17	424	4.82	424	8.64	6.97
4.25	5.41	1057	4.21	1057	3.88	1057	3.54	1057	3.91	3.50
		3960	4.37	3960	4.81	3960	4.15	3960	3.90	4.13
13.78	11.65	802	11.89	802	14.04	802	13.78	802	15.09	16.01
6.36	6.06	4007	5.60	4007	6.16	4007	6.83	4007	6.51	6.69
		600	3.57	600	4.55	600	4.07	600	3.70	4.21
6.99	6.05	259	4.78	259	5.03	259	3.21	259	2.60	3.02
		634	7.38	634	6.50	634	6.37	634	5.93	6.27
6.26	6.93	(LISTED INDIVIDUALLY)								
6.00	4.21	1800	4.70	1800	5.87	1800	5.93	1800	5.69	5.22
16.48	12.52	2625	13.82	2625	11.83	2625	12.55	2625	12.78	15.04
6.04	5.96	8300	5.94	8300	6.34	8300	6.41	8300	6.78	6.52
		200	3.24	200	3.38	200	2.67	200	1.47	1.93
		750	5.73	867	3.84	867	4.68	867	4.71	4.79
		453	12.75	453	9.67	453	8.17	453	6.14	5.79
		945	14.72	945	16.92	945	16.77	945	13.73	14.20
8.81	8.77	300	9.93	300	5.01	300	7.25	300	2.80	3.89
		1286	7.09	1286	10.91	1286	12.86	1286	10.08	10.43
16.15	14.43	880	12.83	880	9.86	880	10.99	880	10.65	12.09
		536	4.53	536	4.49	536	5.23	536	4.82	5.20
		80	13.93	80	10.18	80	9.48	80	4.65	4.05
		168	6.92	468	2.96	468	3.64	468	4.32	3.85
		1600	6.77	1600	8.06	1600	9.56	1600	8.24	8.08
		168	7.98	168	9.31	168	6.88	168	6.62	8.48
		90	6.80	90	7.67	90	9.40	73	7.81	10.14
6.01	5.39	5180	5.62	5180	5.99	5180	6.35	5180	9.62	9.69
5.12	4.60	4400	4.80	4400	5.11	4400	5.41	4400	5.98	6.09
6.74	3.53	957	6.38	2610	3.82	763	3.12	763	5.10	5.19
6.61	6.24	3059	6.53	3059	7.11	3059	6.25	763	3.47	29.10
7.30	7.50	688	7.44	688	5.85	688	5.02	3059	6.44	5.67
5.33	5.51	164617	5.21	164617	5.65	164617	5.38	688	6.50	6.19
		602	12.40	602	11.60	602	14.42	164617	5.76	5.28
								602	13.96	14.00

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

1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973
5.14	236	4.75	236	5.66	236	3.87	4.71	5.59
7.53	1068	7.22	1068	8.65	1068	7.18	7.38	5.34
5.92	763	8.24	763	7.92	763	8.41	8.01	8.34
2.23	200	16.05	200	20.50	200	24.83	22.30	25.21
5.71	1828	6.08	1828	5.77	1828	6.69	6.80	6.35
7.01	2729	7.46	2729	6.40	2729	6.43	7.14	7.27
	517	.21	517	0	517	0	0	0
8.19	424	7.17	424	4.82	424	8.64	6.97	8.27
4.21	1057	3.88	1057	3.54	1057	3.91	3.50	3.15
4.37	3960	4.81	3960	4.15	3960	3.90	4.13	4.18
11.89	802	14.04	802	13.78	802	15.09	16.01	12.91
5.60	4007	6.16	4007	6.83	4007	6.51	6.69	6.50
3.57	600	4.55	600	4.07	600	3.70	4.21	4.08
4.78	259	5.03	259	3.21	259	2.60	3.02	4.15
7.38	634	6.50	634	6.37	634	5.93	6.27	5.65
INDIVIDUALLY)								
4.70	1800	5.87	1800	5.93	1800	5.69	5.22	6.05
13.82	2625	11.83	2625	12.55	2625	12.78	15.04	14.45
5.94	8300	6.34	8300	6.41	8300	6.78	6.52	6.51
3.24	200	3.38	200	2.67	200	1.47	1.93	5.11
5.73	867	3.84	867	4.68	867	4.71	4.79	5.72
12.75	453	9.67	453	8.17	453	6.14	5.79	7.33
14.72	945	16.92	945	16.77	945	13.73	14.20	15.14
9.93	300	5.01	300	7.25	300	2.80	3.89	6.27
7.09	1286	10.91	1286	12.86	1286	10.08	10.43	10.10
12.83	880	9.86	880	10.99	880	10.65	12.09	12.08
4.53	536	4.49	536	5.23	536	4.82	5.20	6.85
13.93	80	10.18	80	9.48	80	4.65	4.05	8.95
6.92	468	2.96	468	3.64	468	4.32	3.85	3.57
6.77	1600	8.06	1600	9.56	1600	8.24	8.08	6.06
7.98	168	9.31	168	6.88	168	6.62	8.48	9.31
6.80	90	7.67	90	9.40	73	7.81	10.14	9.10
					26	9.62	9.69	1.85
5.62	5180	5.99	5180	6.35	5180	5.98	6.09	5.79
4.80	4400	5.11	4400	5.41	4400	5.10	5.19	4.94
6.38	2610	3.82	763	3.12	763	3.47	29.10	3.55
6.53	3059	7.11	3059	6.25	3059	6.44	5.67	5.83
7.44	688	5.85	688	5.82	688	6.50	6.19	6.86
5.21	164617	5.65	164617	5.38	164617	5.76	5.28	5.17
12.40	602	11.60	602	14.42	602	13.96	14.00	12.71

TABLE SHOWING ACRE FEET PER ACRE DIVER

FOR EACH IRRIGATION SEAS
(ACREAGE TAKEN FROM CH

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

* FRANKLIN DITCH COMPANY AND MASON CREEK DITCH COMPANY LANDS ONLY. THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE IS IRRIGATED 1947 THRU 1964 CAN BE FOUND IN PREVIOUS ANNUAL REPORTS.
THE USE OF WATER PER ACRE IS A GROSS FIGURE, FOR A NET FIGURE TO THE LAND ALLOW ABOUT 35% LOSS.

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

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

1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973
1.02	4.51	321	6.59	321	6.26	321	7.30	321	8.69	7.49	10.14
1.83	5.13	24362	4.35	24362	5.44	24362	5.26	24362	5.26	5.43	4.94
1.52	11.92	2030	12.20	3000	7.87	3000	7.90	3000	7.60	7.95	10.12
1.34	6.48	26877	6.30	26877	6.59	26877	6.53	26877	6.58	6.77	6.54
1.18	5.36	10645	5.10	10645	4.82	10645	4.09	10645	5.43	6.54	5.70
		160	11.13	160	3.81	160	3.80	160	5.00	1.95	.55
5.48	6.46	500	6.16	500	6.96	500	6.42	500	6.86	6.68	6.49
7.93	6.82	15500	6.53	15500	6.07	15500	5.92	15500	6.15	6.22	6.36
4.67	4.27	12282	4.19	12282	4.23	12282	4.51	12282	4.59	4.38	4.22
		70	19.00	70	11.26	70	9.49	70	10.89	8.60	6.71
8.53	6.63	646	5.78	646	6.78	646	7.36	646	5.12	6.10	5.76
5.67	5.84	1799	5.67	1799	6.43	1799	5.06	1799	5.36	5.90	5.74
0.63	8.22	641	8.61	641	8.09	641	8.30	641	7.95	9.57	10.83
		494	5.18	494	4.28	494	3.09	494	3.92	3.36	3.87
5.88	5.79	314578	5.58	318135	5.88	316288	5.72	316297	5.95	5.79	5.66

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

D ALLOW ABOUT 39% LOSS.

FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

CH IRRIGATION SEASON FROM 1965
PAGE TAKEN FROM CHART NO. 9)

1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973
6.59	321	6.26	321	7.30	321	8.69	7.49	10.14
4.35	24362	5.44	24362	5.28	24362	5.26	5.43	4.94
12.20	3000	7.87	3000	7.90	3000	7.80	7.93	10.12
6.30	26877	6.59	26877	6.53	26877	6.38	6.77	6.34
5.10	10645	4.82	10645	4.09	10645	5.43	6.34	5.70
11.13	160	3.81	160	3.80	160	5.00	1.93	4.55
6.16	500	6.96	500	6.42	500	6.86	6.68	6.49
6.53	15500	6.07	15500	5.92	15500	6.13	6.22	6.36
4.19	12282	4.23	12282	4.31	12282	4.39	4.38	4.22
19.00	70	11.26	70	9.49	70	10.89	8.60	6.71
5.78	646	6.78	646	7.36	646	5.12	6.10	5.76
5.67	1799	6.43	1799	5.06	1799	5.36	5.90	5.74
8.61	641	8.09	641	8.30	641	7.93	9.57	10.83
5.18	494	4.28	494	5.09	494	5.92	5.36	5.87
5.58	318135	5.88	316288	5.72	316297	5.93	5.79	5.66

LDWELL 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 "
HAMMON.....	468 "	UPPER CENTER POINT.....	641 "
MCCONNELL 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.

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

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK		TOTAL AVAILABLE	USED JUNE	BALANCE	USED JULY	BALANCE	
			TEMP CONTR.	CARRY- OVER						
BALLENTYNE	0	376		1163	1539	40	1499	296	1203	
BOISE CITY	0	0	463	101	564	0	564	186	378	
BOISE VALLEY	0	961		2018	2979	0	2979	540	2439	
BUBB (SOUTH BOISE MUTUAL)	0	543		460	1003	0	1003	108	895	
CANYON COUNTY	0	0		3819	3819	0	3819	796	3023	
CAPITAL VIEW	0	460		276	736	2	734	30	704	
DAVIS	0	0		1157	1157	0	1157	132	1025	
EAGLE ISLAND CANALS	0	0		6608	6608	*****224	6384	240	6144	
EUREKA #1	0	0		1957	1957	0	1957	100	1857	
FARMERS UNION	2874	5727		9195	17796	26	17770	4050	13720	
LITTLE PIONEER	0	2174		460	2634	120	2514	1138	1376	
MIDDLETON IRRIGATION	0	0		4238	4238	0	4238	1722	2516	
MIDDLETON MILL	0	0		3090	3090	0	3090	1246	1844	
NEW DRY CREEK	0	1296		2759	4055	0	4055	546	3509	
NEW UNION	0	0		1047	1047	0	1047	170	877	
NEW YORK	*250548	*357104		0	607652	50822	556830	101376	455454	119
PHYLLIS	21018	25582		14712	61312	3218	58094	19212	38882	19
RIDENBAUGH	**7032	15137		32183	54352	0	54352	10018	44334	20
ROSSI MILL	0	0		630	630	0	630	136	494	
SEBREE	1227	0		0	1227	0	1227	0	1227	
SETTLERS	***2878	***6082		9195	18155	0	18155	3700	14455	44
THURMAN MILL	0	0		722	722	0	722	0	722	
BOISE CASCADE	204	0		0	204	*****52	152	58	94	
FISH & GAME DEPT.	0	0		8381	8381	0	8381	0	8381	
KROEGER DITCH	324	0		0	324	****100	224	68	156	
LUCKY PEAK NURSERY	200	0		0	200	****32	168	42	126	
MEEVES #2	48	0		0	48	*****18	30	8	22	
PECORA DITCH	72	0		0	72	****36	36	12	24	
PRODUCERS LUMBER	175	0		0	175	*****24	151	28	123	
ANDERSON DAM POWER	0	5200		0	5200	0	5200	0	5200	
UNCONTRACTED LUCKY PEAK SPACE	0	0	(-463)	106893	106430	0	106430	0	106430	
TOTALS	286600	420642	0	211064	918306	54714	863592	145958	717634	1793

* LESS 3200 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO RIDENBAUGH AND LESS 1100 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO SETTLEMENTS.

** LESS 272 ACRE FEET OF ANDERSON STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS.

*** RIDENBAUGH ARROWROCK STORAGE INCREASED BY 3200 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.

**** SETTLERS ARROWROCK STORAGE INCREASED BY 1100 ACRE FEET AND SETTLERS ANDERSON STORAGE INCREASED BY 272 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.

***** ACCUMULATED STORAGE USE-APRIL, MAY, JUNE-(KROEGER DITCH, LUCKY PEAK NURSERY, PECORA DITCH)

***** ACCUMULATED STORAGE USE-MAY, JUNE-(EAGLE ISLAND CANALS, BOISE CASCADE, MEEVES #2, PRODUCERS LUMBER)

FISH & GAME DEPT. STORAGE TO BE RUN DURING WINTER MONTHS.

TEMPORARY CONTRACTS FOR 463 ACRE FEET OF LUCKY PEAK STORAGE TO BE SUBTRACTED FROM LUCKY PEAK UNCONTRACTED CARRYOVER.

BOISE RIVER STORAGE ACCOUNTS - 1973 - IN ACRE FEET

TOTAL AVAILABLE	USED JUNE	BALANCE	USED JULY	BALANCE	USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 10-1973
1539	40	1499	296	1203	332	871	0	871	0	871	668
564	0	564	186	378	338	40	40	0	0	0	564
2979	0	2979	540	2439	624	1815	224	1591	0	1591	1388
1003	0	1003	108	895	220	675	60	615	0	615	388
3819	0	3819	796	3023	1452	1571	850	721	0	721	3098
736	2	734	30	704	32	672	22	650	0	650	86
1157	0	1157	132	1025	128	897	64	833	0	833	324
6608	*****224	6384	240	6144	326	5818	52	5766	0	5766	842
1957	0	1957	100	1857	300	1557	0	1557	0	1557	400
17796	26	17770	4050	13720	6956	6764	2844	3920	0	3920	13876
2634	120	2514	1138	1376	902	474	0	474	0	474	2160
4238	0	4238	1722	2516	1388	1128	0	1128	0	1128	3110
3090	0	3090	1246	1844	1002	842	0	842	0	842	2248
4055	0	4055	546	3509	454	3055	144	2911	0	2911	1144
1047	0	1047	170	877	402	475	0	475	0	475	572
607652	50822	556830	101376	455454	119304	336150	49964	286186	10862	275324	332328
61312	3218	58094	19212	38882	19892	18990	6102	12888	0	12888	48424
54352	0	54352	10018	44334	20608	23726	8842	14884	0	14884	39468
630	0	630	136	494	106	388	0	388	0	388	242
1227	0	1227	0	1227	0	1227	0	1227	0	1227	0
18155	0	18155	3700	14455	4402	10053	840	9213	0	9213	8942
722	0	722	0	722	0	722	0	722	0	722	0
204	*****52	152	58	94	46	48	42	6	6	0	204
8381	0	8381	0	8381	0	8381	0	8381	0	8381	0
324	****100	224	68	156	72	84	60	24	24	0	324
200	****32	168	42	126	14	112	4	108	0	108	92
48	****18	30	8	22	8	14	10	4	4	0	48
72	****36	36	12	24	12	12	12	0	0	0	72
175	****24	151	28	123	56	67	54	13	12	1	174
5200	0	5200	0	5200	0	5200	0	5200	0	5200	0
106430	0	106430	0	106430	0	106430	0	106430	0	106430	0
918306	54714	863592	145958	717634	179376	538258	70230	468028	10908	457120	461186

AND LESS 1100 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS. INCREASED BY 18777 ACRE FEET OF HIL
IRRIGATE GOVERNMENT LANDS.
ATE GOVERNMENT LANDS.

RS ANDERSON STORAGE INCREASED BY 272 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.

AK NURSERY, PECORA DITCH)

CADE, MEEVES #2, PRODUCERS LUMBER)

ATED FROM LUCKY PEAK UNCONTRACTED CARRYOVER.

273 - IN ACRE FEET

USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 10-1973	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER	ARROWROCK BALANCE NO CARRYOVER
332	871	0	871	0	871	668	0	871	0
338	40	40	0	0	0	564	0	0	0
624	1815	224	1591	0	1591	1388	0	1591	0
220	675	60	615	0	615	388	155	460	0
1452	1571	850	721	0	721	3098	0	721	0
32	672	22	650	0	650	86	374	276	0
128	897	64	833	0	833	324	0	833	0
326	5818	52	5766	0	5766	842	0	5766	0
300	1557	0	1557	0	1557	400	0	1557	0
6250	6764	2844	3920	0	3920	13876	0	3920	0
902	474	0	474	0	474	2160	14	460	0
1388	1128	0	1128	0	1128	3110	0	1128	0
1002	842	0	842	0	842	2248	0	842	0
454	3055	144	2911	0	2911	1144	152	2759	0
402	475	0	475	0	475	572	0	475	0
112304	336150	49964	286186	10862	275324	332328	275324	0	0
12892	18990	6102	12888	0	12888	48424	0	12888	0
20608	23726	8842	14884	0	14884	39468	0	14884	0
106	388	0	388	0	388	242	0	388	0
0	1227	0	1227	0	1227	0	0	0	1227
4402	10053	840	9213	0	9213	8942	18	9195	0
0	722	0	722	0	722	0	0	722	0
49	48	42	6	6	0	204	0	0	0
0	8381	0	8381	0	8381	0	0	8381	0
70	84	60	24	24	0	324	0	0	0
14	112	4	108	0	108	92	0	0	108
8	14	10	4	4	0	48	0	0	0
12	12	12	0	0	0	72	0	0	0
56	67	54	13	12	1	174	0	0	0
0	5200	0	5200	0	5200	0	5200	0	0
0	106430	0	106430	0	106430	0	0	106430	0
172376	538258	70230	468028	10908	457120	461186	281237	174547	1336

TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS. INCREASED BY 18777 ACRE FEET OF HILLCREST STORAGE.

TO IRRIGATE GOVERNMENT LANDS.

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

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

ANDERSON

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

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BALLENTYNE	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
THURMAN MILL	800	.288
U. S. FISH & GAME	50,000	17.972
<i>Idaho</i>	<i>161,950</i>	
UNCONTRACTED SPACE	116,250	41.786
TOTAL	278,200	100.0

TRIBUTARY AND RETURN FLOW TO
FOR IRRIGATION S

APRIL

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14
BOISE SEWER	15	15	15	15	15	15	15	15	15	15	15	15	15	15
CONWAY GULCH	18	18	18	18	18	20	23	25	27	30	33	35	37	40
DIXIE SLOUGH	134	134	134	134	134	134	134	134	134	134	134	134	131	128
DRAINAGE DISTRICT #3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EAGLE DRAIN	10	10	10	11	12	13	14	15	16	17	18	19	20	21
FISH HATCHERY WELLS	2	2	2	2	2	2	2	2	2	2	3	3	3	3
FIVE MILE CREEK	22	22	22	22	26	31	35	39	44	48	52	57	61	66
HARTLEY DRAIN	13	13	13	13	13	13	13	13	13	13	14	15	16	17
HARTLEY GULCH	6	6	6	6	6	6	6	6	6	6	6	7	7	8
INDIAN CREEK	75	75	75	75	75	75	76	76	76	76	77	77	77	78
MASON CREEK	5	5	5	5	5	6	6	6	7	7	7	8	8	8
MASON DRAIN	38	38	38	38	43	47	52	56	61	65	70	74	79	84
NORTH MIDDLETON DRAIN	19	19	19	19	19	19	19	19	19	19	20	21	22	23
SOUTH MIDDLETON DRAIN	61	61	61	61	61	61	61	61	61	61	64	69	71	74
THURMAN DRAIN	14	14	14	14	14	14	14	14	14	14	13	13	13	13
WILLOW CREEK	33	33	33	33	33	33	33	33	33	33	32	30	29	26
TOTALS	466	466	466	467	477	490	504	515	529	541	559	578	590	607

MAY

BOISE SEWER	16	16	16	16	16	16	16	16	16	16	16	16	16	16
CONWAY GULCH	36	35	34	35	35	36	37	37	38	39	40	41	41	42
DIXIE SLOUGH	136	144	153	161	169	178	186	195	203	211	207	204	200	197
DRAINAGE DISTRICT #3	2	3	3	4	4	5	5	6	6	7	7	8	8	9
EAGLE DRAIN	40	42	43	45	46	48	49	49	50	51	51	52	53	54
FISH HATCHERY WELLS	3	2	3	2	3	2	3	2	3	2	3	2	3	2
FIVE MILE CREEK	75	75	73	71	69	67	65	63	61	60	58	56	54	52
HARTLEY DRAIN	46	49	52	55	58	61	64	67	70	70	70	70	70	70
HARTLEY GULCH	16	16	16	17	17	17	18	18	18	18	18	19	19	19
INDIAN CREEK	21	18	19	21	22	24	25	27	28	29	30	31	33	34
MASON CREEK	23	24	24	24	24	24	25	25	25	25	25	26	26	26
MASON DRAIN	59	56	58	61	64	67	69	72	75	78	81	83	86	89
NORTH MIDDLETON DRAIN	37	38	39	40	41	42	43	44	45	44	43	43	42	42
SOUTH MIDDLETON DRAIN	121	123	126	128	130	133	135	137	139	141	143	145	147	149
THURMAN DRAIN	16	16	17	17	17	18	18	18	19	19	19	19	20	20
WILLOW CREEK	25	27	28	30	31	33	34	36	37	37	36	36	35	34
TOTALS	672	684	704	727	746	771	792	812	833	847	847	851	853	855

TRIBUTARY AND RETURN FLOW TO ROUSE RIVER IN SECOND FEET
FOR IRRIGATION SEASON OF 1973

APRIL

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16
20	23	25	27	30	33	35	37	40	42	44	46	48	47	46	45	44	43	42	41	40	40
134	134	134	134	134	134	134	131	128	105	102	119	116	114	111	108	105	102	100	97	94	102
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
13	14	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29	30	32	33	35
2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	3	2	3	3	2	3
31	35	39	44	48	52	57	61	66	70	74	78	78	78	78	77	77	77	77	76	76	76
13	13	13	13	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	30	33	35
6	6	6	6	6	6	7	7	8	8	9	10	10	11	12	12	13	14	14	14	14	14
75	76	76	76	76	77	77	77	78	78	78	78	78	78	66	60	54	48	42	39	36	33
6	6	6	7	7	7	8	8	8	9	9	9	10	11	12	13	14	15	16	17	18	19
47	52	56	61	65	70	74	79	84	89	93	98	95	92	89	86	83	81	79	75	72	70
19	19	19	19	19	20	21	22	23	23	24	25	26	26	27	28	29	30	31	31	32	33
61	61	61	61	61	64	69	71	74	77	81	84	87	91	94	97	100	104	107	109	111	113
14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	14	14	14	15	15	15	15
33	33	33	33	33	32	30	29	28	26	25	24	22	21	20	19	17	16	15	16	18	19
490	504	515	529	541	559	578	590	607	618	630	646	647	642	636	630	623	618	616	613	612	625

MAY

16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
36	37	37	38	39	40	41	41	42	43	43	44	45	47	48	50	51	53	54	56	57	59
178	186	195	203	211	207	204	200	197	193	190	186	183	179	176	172	169	165	162	162	173	178
5	5	6	6	7	7	8	8	9	9	9	9	9	9	10	10	10	10	10	11	11	11
48	49	49	50	51	51	52	53	54	55	56	57	58	58	59	60	60	60	60	60	59	59
2	3	2	3	2	3	2	3	2	2	2	3	2	2	3	2	2	3	2	2	3	2
67	65	63	61	60	58	56	54	52	50	48	51	55	58	61	64	68	71	74	78	81	84
61	64	67	70	70	70	70	70	70	70	70	69	69	69	69	69	69	69	68	67	66	65
17	18	18	18	18	18	19	19	19	20	20	21	21	22	22	23	23	23	23	23	23	23
24	25	27	28	29	30	31	33	34	36	37	37	38	38	39	39	40	40	41	41	42	42
24	25	25	25	25	25	26	26	26	26	26	27	28	28	29	30	30	31	32	32	33	34
67	69	72	75	78	81	83	86	89	92	95	99	103	107	112	116	120	124	129	133	137	141
42	43	44	45	44	43	43	42	42	41	41	40	40	39	38	38	37	36	35	34	33	32
133	135	137	139	141	143	145	147	149	152	154	156	158	160	162	165	167	169	168	167	166	165
18	18	18	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19
33	34	36	37	37	36	36	35	34	34	33	33	32	32	31	31	30	30	32	34	36	38
771	792	812	833	847	847	851	853	855	859	860	868	877	884	895	905	912	919	925	940	955	968

FLOW TO BOISE RIVER IN SECOND FEET
FLOODING SEASON OF 1973

CHART NO. 12

APRIL

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16		461
40	42	44	46	48	47	46	45	44	43	42	41	40	40	39	38	37		1042
128	125	122	119	116	114	111	108	105	102	100	97	94	102	111	119	127		3639
1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2		37
21	21	22	23	24	25	26	27	28	29	30	32	33	35	36	38	39		674
3	3	3	3	3	3	2	3	3	2	3	3	2	3	3	2	3		76
66	70	74	78	78	78	78	77	77	77	77	76	76	76	76	75	75		1765
17	18	19	20	21	22	23	24	25	26	27	30	33	35	37	40	43		635
8	8	9	10	10	11	12	12	13	14	14	14	14	14	15	15	15		288
78	78	78	78	78	72	66	60	54	48	42	39	36	33	30	27	24		1906
8	9	9	9	10	11	12	13	14	15	16	17	18	19	20	21	22		323
84	89	93	98	95	92	89	86	83	81	79	75	72	70	67	64	61		2077
23	23	24	25	26	26	27	28	29	30	31	31	32	33	34	35	36		746
74	77	81	84	87	91	94	97	100	104	107	109	111	113	115	117	119		2494
13	13	13	13	13	13	13	14	14	14	15	15	15	15	16	16	16		420
28	26	25	24	22	21	20	19	17	16	15	16	18	19	21	22	24		774
607	618	632	646	647	642	636	630	623	618	616	613	612	625	638	647	659		17357

MAY

16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	498
42	43	43	44	45	47	48	50	51	53	54	56	57	59	61	63	64	66	1430
197	193	190	186	183	179	176	172	169	165	162	167	173	178	184	189	195	200	5605
9	9	9	9	9	9	10	10	10	10	10	11	11	11	11	11	11	11	249
54	55	56	57	58	58	59	60	60	60	60	60	59	59	59	59	59	58	1669
2	2	2	3	2	2	3	2	2	3	2	2	3	2	2	3	2	3	75
52	50	48	51	55	58	61	64	68	71	74	78	81	84	88	92	95	95	2112
70	70	70	69	69	69	69	69	69	69	68	67	66	65	64	63	62	61	2011
19	20	20	21	21	22	22	23	23	23	23	23	23	23	24	24	24	24	629
34	36	37	37	38	38	39	39	40	40	41	41	42	42	43	43	44	46	1048
26	26	26	27	28	28	29	30	30	31	32	32	33	34	34	35	35	35	871
89	92	95	99	103	107	112	116	120	124	129	133	137	141	145	149	153	152	3105
42	41	41	40	40	39	38	38	37	36	35	34	33	32	31	30	29	27	1184
149	152	154	156	158	160	162	165	167	169	168	167	166	165	163	162	161	160	4652
20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	20	585
34	34	33	33	32	32	31	31	30	30	32	34	36	38	40	42	44	45	1056
855	859	860	868	877	884	895	905	912	919	925	940	955	968	984	1000	1014	1020	26779

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
FOR IRRIGATION SEASON OF 197

JUNE

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
CONWAY GULCH	65	64	64	63	63	62	62	61	60	60	59	58	58	57	57	57
DIXIE SLOUGH	206	211	217	222	227	233	238	238	238	239	239	239	239	240	240	240
DRAINAGE DISTRICT #3	12	12	13	13	13	14	14	14	15	15	15	15	15	15	15	15
EAGLE DRAIN	58	58	58	58	58	59	59	60	60	61	62	62	63	63	64	64
FISH HATCHERY WELLS	2	3	2	3	2	3	2	3	2	3	2	2	2	2	2	3
FIVE MILE CREEK	95	95	95	95	95	95	94	94	94	94	94	94	94	93	92	90
HARTLEY DRAIN	60	59	58	57	56	55	55	56	56	57	57	57	58	58	59	59
HARTLEY GULCH	24	25	25	25	25	25	25	25	25	25	26	26	26	26	27	27
INDIAN CREEK	48	50	52	54	56	57	58	60	62	64	66	68	70	72	71	70
MASON CREEK	35	36	36	36	36	37	37	37	37	38	38	38	38	37	36	35
MASON DRAIN	151	150	149	148	146	145	144	143	142	140	139	138	137	136	136	135
NORTH MIDDLETON DRAIN	26	25	24	22	21	20	22	23	25	26	28	29	31	33	34	36
SOUTH MIDDLETON DRAIN	159	157	156	155	153	152	152	152	151	151	151	150	150	150	149	149
THURMAN DRAIN	21	21	22	22	23	23	24	24	25	25	26	26	26	26	25	25
WILLOW CREEK	47	49	51	53	55	57	55	53	51	49	47	45	42	39	37	35
TOTALS	1025	1031	1038	1042	1045	1053	1057	1059	1059	1063	1065	1063	1065	1063	1059	1056

JULY

BOISE SEWER	16	16	17	17	17	18	18	18	18	18	18	18	18	18	18	18
CONWAY GULCH	56	56	56	55	55	55	54	54	54	53	53	53	54	55	56	57
DIXIE SLOUGH	238	237	237	237	236	235	234	234	233	232	231	230	230	229	228	227
DRAINAGE DISTRICT #3	15	15	15	15	14	14	14	14	14	14	14	14	14	13	13	13
EAGLE DRAIN	58	58	58	58	57	57	57	57	56	56	56	56	55	55	55	54
FISH HATCHERY WELLS	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
FIVE MILE CREEK	88	91	94	97	100	102	105	108	111	114	117	113	109	105	101	98
HARTLEY DRAIN	54	53	53	54	54	55	55	56	57	57	58	58	59	59	60	61
HARTLEY GULCH	27	27	27	26	26	25	25	24	24	23	23	22	21	21	20	20
INDIAN CREEK	65	66	67	69	70	71	72	73	74	75	76	78	80	81	83	85
MASON CREEK	27	27	27	26	26	26	26	25	25	25	25	24	24	23	23	22
MASON DRAIN	125	125	124	124	124	123	123	122	122	121	121	122	123	124	125	127
NORTH MIDDLETON DRAIN	58	59	60	59	58	57	56	55	54	53	52	51	50	49	48	46
SOUTH MIDDLETON DRAIN	145	145	145	144	142	141	140	139	137	136	134	133	132	130	129	128
THURMAN DRAIN	24	25	25	26	27	27	28	28	29	29	28	28	27	27	26	26
WILLOW CREEK	28	28	28	28	28	28	28	28	29	29	29	29	29	30	30	30
TOTALS	1027	1030	1036	1038	1037	1037	1038	1038	1040	1038	1038	1032	1028	1022	1018	1015

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FEET
FOR IRRIGATION SEASON OF 1973

JUNE

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15
61	60	60	59	58	58	57	57	57	57	57	57	57	57	58	58	58	58	58	58	58	57
238	238	239	239	239	239	240	240	240	240	241	241	241	241	241	241	240	240	239	239	239	238
14	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16
60	60	61	62	62	63	63	64	64	65	65	64	64	63	63	62	62	61	61	60	60	59
3	2	3	2	2	2	2	2	3	2	3	2	3	2	3	2	2	3	2	3	2	3
94	94	94	94	94	94	93	92	90	89	88	87	86	85	83	82	80	79	77	76	79	82
56	56	57	57	57	58	58	59	59	60	60	61	61	60	60	59	59	58	58	57	56	56
25	25	25	26	26	26	26	26	27	27	27	27	27	27	27	27	27	27	27	27	27	27
60	62	64	66	68	70	72	71	70	69	68	67	66	65	64	63	62	61	60	59	60	61
37	37	38	38	38	38	37	36	35	35	34	34	33	33	32	31	30	30	29	28	28	28
143	142	140	139	138	137	136	136	135	134	133	132	131	131	130	129	129	128	127	127	127	126
23	25	26	28	29	31	33	34	36	37	39	40	42	43	44	46	47	48	50	51	53	54
152	151	151	151	150	150	150	149	149	149	148	148	148	148	148	148	148	147	147	147	146	146
24	25	25	26	26	26	26	25	25	25	24	24	23	23	22	22	21	21	21	22	22	23
53	51	49	47	45	42	39	37	35	33	31	29	27	27	27	27	27	27	27	28	28	28
1059	1059	1063	1065	1063	1065	1063	1059	1056	1053	1049	1044	1040	1036	1033	1028	1023	1019	1014	1013	1016	1019

JULY

18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19
54	54	53	53	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	67	66	66
234	233	232	231	230	230	229	228	227	226	225	224	223	222	221	220	219	218	218	217	216	216
14	14	14	14	14	14	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12
57	56	56	56	56	55	55	55	55	54	53	52	51	50	49	48	47	46	45	44	43	42
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
108	111	114	117	113	109	105	101	98	94	91	87	84	80	77	73	70	66	69	73	76	79
56	57	57	58	58	59	59	60	60	61	61	61	61	61	61	62	62	62	62	62	63	63
24	24	23	23	22	21	21	20	20	19	19	19	19	19	19	19	19	19	18	18	18	18
73	74	75	76	78	80	81	83	85	87	89	91	93	94	96	98	100	101	102	104	105	107
25	25	25	25	24	24	23	23	22	22	21	20	20	19	19	18	18	17	17	17	18	18
122	122	121	121	122	123	124	125	127	128	129	130	131	132	133	134	135	136	137	138	140	141
55	54	53	52	51	50	49	48	46	45	44	44	43	43	42	41	41	40	39	39	38	37
139	137	136	134	133	132	130	129	128	126	125	124	123	123	122	122	121	120	120	119	118	117
28	29	29	28	28	27	27	26	26	25	25	24	24	23	23	22	22	22	21	21	20	20
28	29	29	29	29	29	30	30	30	30	30	30	29	29	28	28	28	27	27	27	26	26
1038	1040	1038	1038	1032	1028	1022	1018	1015	1009	1005	1000	996	991	987	983	981	974	976	980	981	984

TO BOISE RIVER IN SECOND FEET
ON SEASON OF 1973

CHART NO. 12

JUNE

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4																		
6	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	468
7	57	57	57	57	57	57	57	58	58	58	58	58	58	58	57	57		1775
0	240	240	240	241	241	241	241	241	241	240	240	239	239	239	238	238		7065
5	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	15		446
3	64	64	65	65	64	64	63	63	62	62	61	61	60	60	59	59		1835
2	2	3	2	3	2	3	2	3	2	2	3	2	3	2	3	2		72
13	92	90	89	88	87	86	85	83	82	80	79	77	76	79	82	85		2661
8	59	59	60	60	61	61	60	60	59	59	58	58	57	56	56	55		1737
16	26	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27		784
12	71	70	69	68	67	66	65	64	63	62	61	60	59	60	61	62		1865
17	36	35	35	34	34	33	33	32	31	30	30	29	28	28	28	27		1019
16	136	135	134	133	132	131	131	130	129	129	128	127	127	127	126	126		4089
13	34	36	37	39	40	42	43	44	46	47	48	50	51	53	54	56		1075
50	149	149	149	148	148	148	148	148	148	148	147	147	147	146	146	146		4501
26	25	25	25	24	24	23	23	22	22	21	21	21	22	22	23	23		700
39	37	35	33	31	29	27	27	27	27	27	27	27	28	28	28	28		1159
53	1059	1056	1053	1049	1044	1040	1036	1033	1028	1023	1019	1014	1013	1016	1019	1021		31251

JULY

	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	TOTAL
18																		
55	56	57	58	59	60	61	62	63	64	65	66	67	67	66	66	65	65	564
29	228	227	226	225	224	223	222	221	220	219	218	218	217	216	216	215	214	1830
13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	11	7022
55	55	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	41	406
																		1610
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	92
05	101	98	94	91	87	84	80	77	73	70	66	69	73	76	79	83	87	2842
59	60	60	61	61	61	61	61	61	62	62	62	62	62	63	63	63	63	1830
21	20	20	19	19	19	19	19	19	19	19	19	18	18	18	18	18	18	660
81	83	85	87	89	91	93	94	96	98	100	101	102	104	105	107	108	110	2670
23	23	22	22	21	20	20	19	19	18	18	17	17	17	18	18	18	19	682
24	125	127	128	129	130	131	132	133	134	135	136	137	138	140	141	142	144	4005
19	48	46	45	44	44	43	43	42	41	41	40	39	39	38	37	37	36	1474
30	129	128	126	125	124	123	123	122	122	121	120	120	119	118	117	117	116	4013
17	26	26	25	25	24	24	23	23	22	22	22	21	21	20	20	20	19	761
0	30	30	30	30	29	29	28	28	28	27	27	27	27	26	26	26	25	875
2	1018	1015	1009	1005	1000	996	991	987	983	981	974	976	980	981	984	987	990	31336

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
FOR IRRIGATION SEASON OF 197

AUGUST

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
CONWAY GULCH	64	64	63	62	62	61	60	60	59	59	59	58	58	57	57	56
DIXIE SLOUGH	214	213	212	210	209	208	206	205	203	202	200	199	197	196	194	193
DRAINAGE DISTRICT #3	11	11	11	11	11	11	11	11	12	12	12	12	13	13	13	13
EAGLE DRAIN	40	40	39	39	38	38	37	37	37	36	36	35	35	36	37	38
FISH HATCHERY WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
FIVE MILE CREEK	90	94	97	100	103	106	110	113	112	111	110	108	107	106	104	103
HARTLEY DRAIN	63	63	63	63	63	63	63	63	64	64	64	64	64	64	64	64
HARTLEY GULCH	18	18	18	18	18	19	19	19	19	19	20	20	20	20	20	21
INDIAN CREEK	111	113	114	116	117	119	121	123	122	122	121	121	120	120	119	119
MASON CREEK	19	19	20	20	20	21	21	21	21	21	20	20	20	20	19	19
MASON DRAIN	145	146	147	149	150	151	152	153	154	154	155	155	156	156	157	158
NORTH MIDDLETON DRAIN	36	35	34	33	33	32	31	30	29	29	28	27	26	26	25	26
SOUTH MIDDLETON DRAIN	115	115	114	114	113	113	112	112	112	111	111	111	110	110	110	109
THURMAN DRAIN	19	18	18	17	17	16	16	17	18	18	19	19	20	20	21	21
WILLOW CREEK	25	24	24	23	23	22	22	21	21	20	20	19	19	18	18	18
TOTALS	993	996	997	998	1000	1003	1004	1008	1006	1001	998	991	988	985	981	981

SEPTEMBER

BOISE SEWER	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
CONWAY GULCH	59	60	61	61	62	63	64	64	65	65	66	66	67	67	68	69
DIXIE SLOUGH	228	227	227	226	225	225	224	223	222	222	221	220	220	228	237	245
DRAINAGE DISTRICT #3	13	13	13	13	13	13	13	13	12	12	12	12	12	11	11	11
EAGLE DRAIN	48	48	47	47	47	47	46	46	46	46	46	46	47	47	47	48
FISH HATCHERY WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
FIVE MILE CREEK	144	149	154	159	164	157	151	144	138	131	125	118	112	105	99	92
HARTLEY DRAIN	63	63	63	62	62	62	61	61	61	60	60	60	60	60	60	60
HARTLEY GULCH	30	31	32	33	34	35	36	37	38	39	40	41	41	41	41	41
INDIAN CREEK	120	121	121	121	122	122	123	124	125	126	127	128	129	130	131	132
MASON CREEK	17	17	17	17	17	17	18	18	19	19	20	20	21	22	22	23
MASON DRAIN	165	165	166	166	166	165	164	164	163	163	162	162	160	160	159	158
NORTH MIDDLETON DRAIN	32	32	31	31	31	31	31	30	30	30	30	30	32	33	35	36
SOUTH MIDDLETON DRAIN	105	106	106	107	108	109	110	111	112	113	113	114	115	116	118	119
THURMAN DRAIN	26	26	26	26	26	25	25	25	24	24	23	23	22	22	22	21
WILLOW CREEK	18	19	19	20	21	22	23	23	24	25	26	27	27	28	28	29
TOTALS	1092	1101	1107	1113	1122	1117	1113	1107	1103	1099	1095	1091	1089	1094	1102	1106

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FEET
FOR IRRIGATION SEASON OF 1973

AUGUST

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
60	59	59	59	58	58	57	57	56	56	55	55	54	54	53	53	54	54	55	56	56	57
205	203	202	200	199	197	196	194	193	195	198	200	203	205	208	210	213	215	218	220	223	226
11	12	12	12	12	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	13
37	37	36	36	35	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	49	49
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
113	112	111	110	108	107	106	104	103	102	100	99	98	96	95	99	104	109	114	119	124	129
63	64	64	64	64	64	64	64	64	64	64	64	64	64	64	65	65	65	65	65	65	65
19	19	19	20	20	20	20	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27
123	122	122	121	121	120	120	119	119	118	118	117	117	116	116	116	117	117	118	118	119	119
21	21	21	20	20	20	20	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18
153	154	154	155	155	156	156	157	158	158	159	159	160	160	161	161	162	162	163	163	164	164
30	29	29	28	27	26	26	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32
112	112	111	111	111	110	110	110	109	109	108	108	107	107	106	106	105	105	104	104	103	103
17	18	18	19	19	20	20	21	21	22	22	23	23	24	24	24	24	24	25	25	25	25
21	21	20	20	19	19	18	18	18	18	18	17	17	17	16	16	16	16	15	15	15	15
1008	1006	1001	998	991	988	985	981	981	984	987	987	991	992	995	1003	1016	1024	1037	1046	1057	1065

SEPTEMBER

21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20	20	20
64	65	65	66	66	67	67	68	68	69	69	70	70	70	69	69	68	67	67	66	65	65
223	222	222	221	220	220	228	237	245	253	262	270	279	287	295	303	311	319	327	315	303	291
13	12	12	12	12	12	11	11	11	11	11	11	11	10	10	10	10	9	9	9	9	8
46	46	46	46	46	47	47	47	47	48	48	48	48	49	49	49	49	48	47	45	44	43
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
144	138	131	125	118	112	105	99	92	86	79	73	70	67	64	61	58	55	52	49	46	43
61	61	60	60	60	60	60	60	60	60	60	59	59	59	59	59	59	59	58	57	56	55
37	38	39	40	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	40	40	40
124	125	126	127	128	129	130	131	132	133	134	135	148	161	174	188	201	214	227	241	254	267
18	19	19	20	20	21	22	22	23	23	24	24	23	22	21	20	19	18	17	16	14	13
164	163	163	162	162	160	160	159	158	158	157	156	156	156	156	155	155	154	154	153	153	152
30	30	30	30	30	32	33	35	36	38	40	42	43	46	47	49	51	53	53	53	53	53
111	112	113	113	114	115	116	118	119	120	122	123	124	126	127	129	131	132	130	127	125	123
25	24	24	23	23	22	22	22	21	21	21	21	21	21	21	21	20	20	20	20	19	19
23	24	25	26	27	27	28	28	29	30	31	31	32	32	33	33	34	34	33	32	31	30
1107	1103	1099	1095	1091	1089	1094	1102	1106	1115	1123	1128	1149	1171	1190	1210	1230	1246	1258	1246	1235	1225

BOISE RIVER IN SECOND FEET
SEASON OF 1973

ST

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	620
	57	56	56	55	55	54	54	53	53	54	54	55	56	56	57	58	58	1787
	194	193	195	198	200	203	205	208	210	213	215	218	220	223	226	229	229	6453
	13	13	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	395
	37	38	39	40	41	42	43	44	45	46	47	48	49	49	49	48	48	1276
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
	104	103	102	100	99	98	96	95	99	104	109	114	119	124	129	134	139	3335
	64	64	64	64	64	64	64	64	65	65	65	65	65	65	64	64	64	1983
	20	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28	29	678
	119	119	118	118	117	117	116	116	116	117	117	118	118	119	119	120	120	3664
	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	17	17	591
	157	158	158	159	159	160	160	161	161	162	162	163	163	164	164	164	165	4863
	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	32	32	924
	110	109	109	108	108	107	107	106	106	105	105	104	104	103	103	104	104	3375
	21	21	22	22	23	23	24	24	24	24	24	25	25	25	25	25	26	655
	18	18	18	18	17	17	17	16	16	16	16	15	15	15	15	16	17	581
	981	981	984	987	987	991	992	995	1003	1016	1024	1037	1046	1057	1065	1075	1084	31273
TEMBER																		
	21	21	21	21	21	21	21	21	21	20	20	20	20	20	20	20	20	623
	68	68	69	69	70	70	70	69	69	68	67	67	66	65	65	64	64	1974
	237	245	253	262	270	279	287	295	303	311	319	327	315	303	291	280	280	7715
	11	11	11	11	11	11	10	10	10	10	9	9	9	9	8	8	8	333
	47	47	48	48	48	48	49	49	49	49	48	47	45	44	43	42	42	1405
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	90
	99	92	86	79	73	70	67	64	61	58	55	52	49	46	43	40	40	2985
	60	60	60	60	59	59	59	59	59	59	59	58	57	56	55	54	54	1791
	41	41	41	41	41	41	41	41	41	41	41	41	40	40	40	39	39	1159
	131	132	133	134	135	148	161	174	188	201	214	227	241	254	267	281	281	4760
	22	23	23	24	24	23	22	21	20	19	18	17	16	14	13	12	12	570
	159	158	158	157	156	156	156	156	155	155	154	154	153	153	152	152	152	4775
	35	36	38	40	42	43	46	47	49	51	53	53	53	53	53	53	53	1179
	118	119	120	122	123	124	126	127	129	131	132	130	127	125	123	121	121	3542
	22	21	21	21	21	21	21	21	20	20	20	20	20	19	19	19	19	669
	28	29	30	31	31	32	32	33	33	34	34	33	32	31	30	28	28	823
	1102	1106	1115	1123	1128	1149	1171	1190	1210	1230	1246	1258	1246	1235	1225	1216	1216	34393

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

OCTOBER

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	19	19	19	18	18	18	18	18	18	18						
CONWAY GULCH	63	63	62	62	62	62	62	62	62	62						
DIXIE SLOUGH	268	256	244	232	221	209	197	185	173	173						
DRAINAGE DISTRICT #3	8	8	8	8	8	8	8	8	8	8						
EAGLE DRAIN	41	40	39	38	37	36	35	34	33	33						
FISH HATCHERY WELLS	3	3	3	3	3	3	3	3	3	3						
FIVE MILE CREEK	37	34	34	34	34	34	34	34	34	34						
HARTLEY DRAIN	53	52	51	51	50	49	48	47	46	46						
HARTLEY GULCH	39	39	38	38	37	37	36	36	36	36						
INDIAN CREEK	294	307	307	307	307	307	307	307	307	307						
MASON CREEK	11	10	10	10	10	10	10	10	10	10						
MASON DRAIN	151	151	151	151	151	151	151	151	151	151						
NORTH MIDDLETON DRAIN	53	53	52	52	52	52	52	52	52	52						
SOUTH MIDDLETON DRAIN	119	117	115	112	110	107	105	102	100	100						
THURMAN DRAIN	19	19	19	19	19	19	19	19	19	19						
WILLOW CREEK	27	25	24	22	21	19	18	16	15	15						
TOTALS	1205	1196	1176	1157	1140	1121	1103	1084	1067	1067						

OCTOBER

[illegible]

R

TOTAL

11316

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY DRAIN DISCHARGES INTO THE BOISE RIVER
DURING IRRIGATION SEASON OF 1973

CHART NO. 13

NAME OF DRAIN	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
BOISE SEWER	922	996	936	1128	1240	1246	366	6834
CONWAY GULCH	2084	2860	3550	3660	3574	3948	1244	20920
DIXIE SLOUGH	7278	11210	14130	14044	12906	15430	4316	79314
FISH HATCHERY WELLS	152	150	144	184	186	180	60	1056
FIVE MILE CREEK	3530	4224	5322	5684	6670	5970	686	32086
INDIAN CREEK	3812	2096	3730	5340	7328	9520	6114	37940
MASON CREEK	646	1742	2038	1364	1182	1140	202	8314
MASON DRAIN	4154	6210	8178	8010	9726	9550	3020	48848
TOTAL	22578	29488	38028	39414	42812	46984	16008	235312

DRAINAGE DISTRICT #2 (ENTERS INTO BOISE RIVER)

EAGLE DRAIN	1348	3338	3670	3220	2552	2810	732	17670
HARTLEY DRAIN	1270	4022	3474	3660	3966	3582	986	20960
HARTLEY GULCH	576	1258	1568	1320	1356	2318	744	9140
NORTH MIDDLETON	1492	2368	2150	2948	1848	2358	1044	14208
SOUTH MIDDLETON	4988	9304	9002	8026	6750	7084	2174	47328
WILLOW CREEK	1548	2112	2318	1750	1162	1646	404	10940
TOTAL	11222	22402	22182	20924	17634	19798	6084	120246

(DIVERTED INTO CANALS)

LONG FEEDER	786	1288	930	678	770	470	100	5022
STAR FEEDER	844	2332	2002	3644	3686	2362	1140	16010
WATTS CHECK	1228	1658	1362	1040	1298	628	150	7364
TOTAL	2858	5278	4294	5362	5754	3460	1390	28396
TOTAL	14080	27680	26476	26286	23388	23258	7474	148642

DRAINAGE DISTRICT #3

RIDENBAUGH, BOOTH & MYERS DRAIN	74	498	892	812	790	666	160	3892
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DRAINAGE DISTRICT #4

THURMAN DRAIN	840	1170	1400	1522	1310	1338	380	7960
TOTAL-ALL DRAINS	37572	58836	66796	68034	68300	72246	24022	395806

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 14

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

JULY 1, 1973 THRU OCTOBER 10, 1973

	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTALS
BOISE RIVER AT DIVERSION DAM	282186	258512	150484	25960	717142
TRIBUTARY GAIN	62672	62546	68786	22632	216636
TOTAL AVAILABLE	344858	321058	219270	48592	933778
DELIVERIES TO CANALS	296952	271982	165612	28714	763260
NET TRIBUTARY GAIN UNUSED	47906	49076	53658	19878	170518
SEEPAGE GAIN					

CHART NO. 15

[illegible]

CHART NO. 16

1973

[illegible]

IN DRAINAGE DISTRICT NO. 4, FOR 2,500 ACRES

1973

[illegible]

SUMMARY TABLE IN SECOND FEET

CHART NO. 17

SHOWING AVERAGE DAILY RETURN FLOW TO BOISE RIVER

FOR LAST 15 YEARS

MONTH	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
APRIL	700	570	377	440	638	532	849	1003	345	289	592	457	775	645	626
MAY	1562	1879	1007	1254	894	1179	776	1226	702	927	1016	1063	1112	1192	949
JUNE	1213	1461	998	946	1505	1625	1386	1416	682	1017	1181	1205	1369	1365	1113
JULY	1162	1318	878	1143	1180	1227	1327	1088	802	1086	947	1107	1259	1282	1097
AUGUST	1484	1510	817	1164	1225	1412	1520	1064	867	1055	1010	1197	1294	1298	1102
SEPTEMBER	1379	1442	1096	1299	1481	1475	1430	1169	735	910	1048	1345	1472	1462	1204
OCTOBER						1277	2922	1152	672	1028	1065	1136	1384	1364	1201
AVERAGE	1250	1363	862	1041	1154	1247	1459	1160	686	902	980	1073	1238	1230	1042

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

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

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

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

DRAINAGE DISTRICT NO. 3

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

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

DRAINAGE DISTRICT NO. 4

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

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

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
				SEC. FT.	INCHES	
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	63-0278
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	63-0280
8-C	1865	LOUISE SIMONSON	LEMP DITCH	6.00	300	63-0270
8-D	1865	S. G. HARDIES	BUBB	.50	25	63-0281
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	63-0254
31-B	6-1-1866	MINNIE & JEREMIAH COUZENS	MIDDLETON WATER	.60	30	63-0255
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	63-0001
33-A	6-1-1867	RALPH T. KNIGHT & DRA K. TILLER	CANYON COUNTY WATER CO.	1.76	88	63-0277
42-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	63-0279
50-A	1870	(S. G. HARDIES (AMELIA EISLEY	BUBB	1.00	50	63-0282) 63-0283)
59-A	2-1-1875	KARL F. & OTTO W. ROEDEL	INDIAN CREEK	3.20	160	63-0305
66-A	4-1-1878	J. S. KRAUSS	BALLENTYNE	.80	40	63-0265
66-C	4-1-1878	J. W. KOLANDER	BALLENTYNE	1.40	70	63-0289
66-D	4-1-1878	M. T. GRIFFITH	BALLENTYNE	.80	40	63-0264
71-A	4-1-1879	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	3.00	150	63-0291
73-A	4-1-1880	GOBLE & SONNER	NEW DRY CREEK	.54	27	63-0288
73-B	1880	ALBERT LEMP ET AL	BAXTER DITCH	3.20	160	63-0368
74-A	6-1-1880	C. B. FRANK	NEW DRY CREEK	1.816	90.8	63-0263
77-A	6-1-1881	GUS A. BARTH	PARMA DITCH CO.	1.60	80	63-0272
77-B	6-1-1881	CHARLES JORRIES	PARMA DITCH CO.	.34	17	63-0274
77-C	6-1-1881	JAMES FINLEY	PARMA DITCH CO.	.80	40	63-0275
77-D	6-1-1881	LESTER J. SHIPPI	PARMA DITCH CO.	1.30	65	63-0273
77-E	4-15-1882	ROC HELM	RIVERSIDE IRRIG. DIST.	3.674	183.70	63-0290
82-A	6-1-1882	LEO MARSTERS	WARM SPRINGS SLOUGH	1.76	88	63-0287
82-B	4-1-1883	JACOB BINGHAM	SETTLERS	1.00	50	63-0257
82-C	2-1-1883	WM. HUCKBA	NEW DRY CREEK	.2232	11.16	63-0259
82-D	2-1-1883	C. H. SCHMELZER	BALLENTYNE	.8256	41.28	63-0260
82-E	2-1-1883	C. W. MCCLURG	NEW DRY CREEK	.385	19.25	63-0261
108-A	2-1-1889	AMELIA EISLEY	BUBB	.84	42	63-0284
114-A	2-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	63-0276
114-B	2-1-1889	GUS A. BARTH	O'DONNELL & BARTH	.80	40	63-0271
114-C	2-1-1889	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	63-0266
116-A	6-1-1890	WILLIS B. SPENCER	RIVERSIDE IRRIG. DIST.	.10	5	63-0267
116-B	6-1-1890	REBECCA BELL	RIVERSIDE IRRIG. DIST.	.40	20	63-0268
116-C	6-1-1890	OTTO & MARIE MILLER	MIDDLETON MILL DITCH	1.60	80	63-0370
122-A	4-15-1893	OTTO & MARIE MILLER	NEW DRY CREEK	.825	41.25	63-0258
124-A	2-1-1893	W. D. CHARTERS	NEW DRY CREEK	.54	27	63-0286
129-A	4-1-1897	H. E. PLATH	BALLENTYNE	.392	19.6	63-0285
130	2-1-1898	H. E. WIMER	MACE & MACE	1.76	88	63-0253
132	2-1-1899	B. P. WEAVERLING	ISLAND HIGH LINE DITCH	7.00	350	63-0292
132-B	4-1-1910	ISLAND HIGH LINE DITCH	MACE & CATLIN	.44	22	63-0361
138	6-1-1912	WESLEY A. MACE	ISLAND HIGH LINE DITCH	10.00	500	63-0293
139	4-1-1912	ISLAND HIGH LINE DITCH CO.	ISLAND HIGH LINE DITCH			

TABLE SHOWING CHANGE IN POINT OF DI

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

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

DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE	DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	TR
63-0138	9	6-1-1865	4-8-1912	.50	25	HEM
63-0179	46	6-1-1869	8-26-1918	1.00	50	J.
63-0122	119	6-1-1891	7-15-1919	.54	27	DAV
(63-0136	(8	9-1-1864	4-3-1919	.72	36	REB
(63-0137	(45	6-1-1869		1.28	64	
63-0168	35	6-1-1867	4-12-1918	.38	19	DRA
63-0233	96	10-1-1887	4-19-1909	2.00	100	C. H
(63-0186	(57	6-1-1872	9-24-1915	(1.04	(52	SHAF
(63-0187	(58	6-1-1872		(	(	
(63-0186	(57	6-1-1872	6-12-1918	(	(	GEOR
(63-0187	(58	6-1-1872		(	(	
63-0233	96	10-1-1887	3-18-1910	29.50	1475	AMER
63-0233	96	10-1-1887	3-31-1910	4.10	210	NANCY
63-0151	19	6-1-1865	3-31-1920	2.88	144	JOHN
63-0152	20	6-1-1865	3-31-1920	6.40	320	BIRD
63-0168	35	6-1-1867	4-24-1920	1.11	55.5	H. G.
63-0198	65	6-1-1877	12-2-1920	.60	30	EDWARD
63-0163	31	6-1-1866	3-18-1921	2.60	130	DANIEL
63-0255	31B	6-1-1866	6-22-1921	.60	30	MINNIE
63-0233	96	10-1-1887	11-14-1910	1.00	50	J. A.
63-0238	102	6-1-1888	12-21-1921	.20	10	HARRY
63-0156	24	6-1-1865	3-14-1911	.80	40	J. D.
63-0198	35	6-1-1877	11-25-1924	.50	25	DE TWEED
63-0257	85B	4-1-1883	3-12-1925	1.00	50	JACOB E
(63-0278	(8A	4-1-1865	4-26-1925	.80	40	ADOLPH
(63-0279	(47A	4-1-1870		.80	40	
63-0278	85A	6-1-1882	4-29-1926	.72	36	LEO MAR
63-0198	65	6-1-1877	3-9-1926	.80	40	J. C. R.
63-0156	24	6-1-1865	5-7-1926	.50	25	J. C. B.
(63-0203	(71	6-1-1878	10-3-1928	11.96	598	CHARLES
(63-0209	(74	6-1-1880				
(63-0272	(77A	6-1-1888				
(63-0274	(77B	6-1-1888				
(63-0275	(77C	6-1-1888				
(63-0273	(77D	6-1-1888				
(63-0204	(125	6-1-1894				
63-0254	31A	6-1-1866	3-25-1931	2.30	115	WILLIAM
63-0152	20	6-1-1865	8-15-1930	.80	40	WILLIAM
63-0223	89	11-9-1883	1-16-1932	.70	35	R. E. M.
63-0260	85D	5-1-1883	4-11-1934	.06	3	CHARLES
63-2093		12-16-1908	12-18-1934	200.00	10000	FISCHER
63-0168	35	6-1-1867	1-8-1936	.20	10	CORA M.
63-0233	96	10-1-1887	4-17-1936	3.00	150	DORA GRE
63-0258	124A	5-1-1893	2-18-1937	.135	6.75	J. H. C.
63-0279	47A	4-1-1870	5-15-1937	.80	40	ADOLPH
63-0249	127	5-1-1895	5-15-1937	1.00	50	ADOLPH
63-0278	8A	4-1-1865	5-15-1937	.80	40	ADOLPH
63-0156	24	6-1-1865	5-27-1939	.10	5	RAYMOND
63-0239	103	6-1-1888	5-5-1940	.65	32.5	SIDMAN
63-0233	96	10-1-1887	4-21-1941	.60	30	D. W. B.
(63-0223	(89	11-9-1883	2-26-1943	21.70	1085	RAYMOND
(63-0233	(96	10-1-1887		29.50	1475	
(63-0156	(24	6-1-1865		1.30	65	

DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
4-8-1912	.50	25	HENRY MEER	
8-26-1918	1.00	50	J. C. HUGHES	
7-15-1919	.34	27	DAVIS ESTATE	
4-3-1919	.72	36	REBECCA BELL	
	1.28	64		
4-12-1918	.38	19	DRAPER, BODLE, WATT, SURGEON	FLAKE DITCH
4-19-1909	2.00	100	C. H. ROSENBERGER	
9-24-1915	(1.04	(52	SHAFER, BLAIR, JENKINS, PARROTT	
	(	(		
6-12-1918	(	(	GEORGE RAMBO	
	(	(		
3-18-1910	29.50	1475	AMERICAN DITCH ASSN.	
3-31-1910	4.10	210	NANCY & WILLIAM NICHOLS, C.W. COOPER	
3-31-1920	2.88	144	JOHN SWISHER	
3-31-1920	6.40	320	BIRD BOWMAN	
4-24-1920	1.11	55.5	H. G. DUDLEY	FOOTE & WISEMAN
12-2-1920	.60	30	EDWARD MCCLINTOCK	
3-18-1921	2.60	130	DANIEL W. KENNEDY	
6-22-1921	.60	30	MINNIE COUZENS	
11-14-1910	1.00	50	J. A. CARTRIGHT	
12-21-1921	.20	10	HARRY SEAVEY	
3-14-1911	.80	40	J. D. ROLAND	
11-25-1924	.50	25	DETWEDE, NORTHWESTERN & PACIFIC HYPOTHECKBANK	
3-12-1925	1.00	50	JACOB BINGMAN	
4-26-1925	.80	40	ADOLPH BAHLER	
	.80	40		
4-29-1926	.72	36	LEO MARSTERS	
3-9-1926	.80	40	J. C. RALPHS	
5-7-1926	.50	25	J. C. BRUCE	
10-3-1928	11.96	598	CHARLES JARRIES	NEW DIVERSION POINT
3-25-1931	2.30	115	WILLIAM MUSSER	
8-13-1930	.80	40	WILLIAM BAXTER	
1-16-1932	.70	35	R. E. MCGUIRE	
4-11-1934	.06	3	CHARLES H. SCHMELZER	
12-18-1934	200.00	10000	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
1-8-1936	.20	10	CORA M. CLIFTON	
4-17-1936	3.00	150	DORA GREER	
2-18-1937	.135	6.75	J. H. CONE	
5-15-1937	.80	40	ADOLPH BAHLER	
5-15-1937	1.00	50	ADOLPH BAHLER	
5-15-1937	.80	40	ADOLPH BAHLER	
5-27-1939	.10	5	RAYMOND T. BRESHEARS	
5-5-1940	.65	32.5	SIDMAN I. BARBER	
4-21-1941	.60	30	D. W. BALDWIN	
2-26-1943	21.70	1085	RAYMOND T. BRESHEARS	NEW DIVERSION POINT
	29.50	1475		
	1.30	65		

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE CHANGE
	FROM	TO		NO.	DATE	
172	UPPER CENTER POINT	UPPER CENTER POINT	(63-0155	(23	6-1-1865	2-26-19
			(63-0156	(24	6-1-1865	
			(63-0157	(25	6-1-1865	
			(63-0158	(26	6-1-1865	
			(63-0159	(27	6-1-1865	
			(63-0233	(96	10-1-1887	
174	BALLENTYNE	NEW DRY CREEK	63-0239	103	6-1-1888	3-28-194
175	RIVERSIDE	EUREKA NO. 2	63-0222	88	6-1-1883	4-11-194
176	MAMMON DITCH	HAAS DITCH	63-0202	70	6-1-1878	4-18-194
179	MACE CATLIN	SEVEN SUCKERS	(63-0132	(5	6-1-1864	3-31-194
			(63-0133	(52	6-1-1871	
224	EUREKA NO. 2	BOWMAN & SWISHER	(63-0223	(89	11-9-1883	9-3-1954
			(63-0233	(96	10-1-1887	
227	O'DONNELL	BOISE RIVER	63-0276	114A	5-1-1889	12-17-1954
243	BOISE RIVER	BOISE VALLEY	63-2360	LICENSE#15242	7-19-1921	6-30-1958
245	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	6-30-1958
254	ROBIE CREEK	MORES CREEK	63-2036	LICENSE#1968	5-1-1906	12-20-1961
257	O'DONNELL	PARMA DITCH	63-0271	114B	5-1-1889	10-10-1962
287	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	1-18-1966
289	EUREKA NO. 2	UPPER CENTER POINT	63-0223	89	11-9-1883	3-18-1966
305	MEEVES NO. 1	MEEVES NO. 2	63-0185	53	6-1-1871	6-10-1968
1575	LAWRENCE & KENNEDY	LITTLE PIONEER	63-0001	31C	6-1-1866	9-23-1968
1647	THURMAN MILL	BOISE RIVER	63-0213	80	6-1-1882	12-7-1970

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

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

DIVERSION OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 22

<u>DATE OF CHANGE</u>	<u>QUANTITY IN CFS</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
2-26-1943	12.72	6360	HARRY VAIL	NEW DIVERSION POINT
3-28-1944	3.00	150		
4-11-1944	.24	12	FRANK M. RAY	
4-18-1944	1.70	85	WILBUR BRESHEARS	
3-31-1945	8.80	440	CHARLOTTIE D. ALLEN	
	.168	8.4	IDAHO FISH & GAME DEPT.	
	.072	3.6		
9-3-1954	.70	35	J. E. HOUSTON	
	.20	10		
12-17-1954	1.60	80	A. C. CRAWFORTH	PUMPED FROM RIVER
6-30-1958	1.20	60	MARIE ECHEVARRIA & I.N. KESSINGER	(FORMERLY DIVERTED FROM A
6-30-1958	.60	30	J. E. EKBERG	SLOUGH)
12-20-1961	4.00	200	HARVEY BURNETT	
10-10-1962	.80	40	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
1-18-1966	1.40	70	JOHN E. EKBERG	
3-18-1966	.50	25	EARL GILES	
6-10-1968	1.80	90	CHARLES LITTLE	
9-23-1968	1.10	55	MILTON SPARKS	
12-7-1970	1.60	80	CLARENCE T. LARSON	PUMPED FROM RIVER

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

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

DEPT. OF WATER
ADMINISTRATION

	PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED
63-0233	96	10-1-1887	9-1-1909	12.10	605	WM. M. MESSLER
63-0184	50	6-1-1870	2-4-1910	2.24	112	BARBER LUMBER CO.
63-0138	9	6-1-1865	9-18-1912	.50	25	H. E. MEEK
63-0233	96	10-1-1887	11-25-1912	1.20)	60)	H. L. RANDALL ET.
63-0136	8	9-1-1864		20.34)	1017)	
63-0137	45	6-1-1869				
63-0123	2	6-1-1864	6-8-1914	20.00	1000	BOISE FRUIT TRACT
63-0124	3	6-1-1864	7-15-1918	8.64	432	PIONEER IRRIGATION
63-0125	54	6-1-1871	4-20-1921	.35	17.5	EMMA M. FOWLER
63-0126	120	6-1-1891				
63-0124	3	6-1-1864	4-20-1921	1.54	77	JOHN F. GROOME
63-0125	54	6-1-1871				
63-0126	120	6-1-1891				
63-0124	3	6-1-1864	2-6-1925	.14	7	C. E. WHITE
63-0124	3	6-1-1864	2-6-1925	.14	7	FRANK WEASEL
63-0124	3	6-1-1864	2-6-1925	.14	7	CARL A. GISH
63-0198	65	6-1-1877	5-5-1925	.20	10	NELLIE B. WHITAKER
63-0165	33	6-1-1866	3-16-1926	1.125	56.2	HENRY W. BARTLETT
63-0165	33	6-1-1866	4-26-1926	.375	18.7	L. A. RICE
63-0198	65	6-1-1877	5-6-1926	.40	20	H. D. PARKS
63-0198	65	6-1-1877	5-6-1926	.20	10	A. G. WING
63-0198	65	6-1-1877	7-8-1926	.40	20	MARY F. LEACH
63-0198	65	6-1-1877	7-8-1926	.266	13.3	H. E. MCCONNELL
63-0198	65	6-1-1877	7-8-1926	.40	20	H. W. BARTLETT
63-0124	3	6-1-1864	8-13-1926	.40	20	E. E. SMITH
63-0125	54	6-1-1871		.15	7.5	RUSH CHASE
63-0198	65	6-1-1877	8-21-1926	.40	20	FRED EGGERS
63-0124	3	6-1-1864	9-15-1926	.288	14.4	A. C. BOWERMAN
63-0125	54	6-1-1871				
63-0126	120	6-1-1891				
63-0198	65	6-1-1877	11-16-1926	.50	25	G. R. MCGUIRE
63-0214	81	6-1-1882	12-3-1927	.40	20	CHAS. P. MACE
63-0198	65	6-1-1877	7-2-1928	.25	12.5	O. E. ALLISON
63-0200	106	8-20-1888	7-6-1929	8.90	445	W. H. TULLER
63-0120	1	6-1-1864	5-27-1932	1.00	50	W. SCOTT ANDERSON
63-0120	1	6-1-1864	5-27-1932	.50	25	FARMERS UNION DITCH
63-0120	1	6-1-1864	5-15-1934	.30	15	A. B. WHITNEY
63-0120	1	6-1-1864	9-9-1938	.20)	10)	BOISE TRUST CO.
63-0222	88	6-1-1883	4-29-1940	.20)	10)	
63-0222	88	6-1-1883	12-9-1942	1.00	50	W. F. TRACY
63-0161	30	5-1-1866	10-18-1943	.70	35	S. E. SMITH
63-0222	88	6-1-1883	4-11-1944	2.00	100	W. W. HOWELL
63-0161	30	5-1-1866	4-29-1946	.60	30	D. W. BALDWIN
63-0161	30	5-1-1866	12-20-1946	.68	34	W. W. HOWELL
63-0161	30	5-1-1866	12-20-1946	2.00	100	W. W. HOWELL
63-0161	30	5-1-1866	6-14-1947	.60	30	W. W. HOWELL
63-0161	30	5-1-1866	6-14-1947	.90	45	W. W. HOWELL
63-0138	9	6-1-1865	11-25-1947	.54	27	W. W. HOWELL
63-0161	30	5-1-1866	5-4-1948	.64	32	R. M. TUCKER
				1.34	67	W. W. HOWELL

<u>DATE OF TRANSFER</u>	<u>QUANTITY IN CFS</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
9-1-1909	12.10	605	WM. M. MESSLER	
2-4-1910	2.24	112	BARBER LUMBER CO.	
9-18-1912	.50	25	H. E. MEEK	
11-25-1912	1.20)	60)	H. L. RANDALL ET AL	
	20.34)	1017)		
6-8-1914	20.00	1000	BOISE FRUIT TRACT CO.	
7-15-1918	8.64	432	PIONEER IRRIGATION DISTRICT	LICENSED RIGHT INDIAN CREEK
4-20-1921	.35	17.5	EMMA M. FOWLER	
4-20-1921	1.54	77	JOHN F. GROOME	
2-6-1925	.14	7	C. E. WHITE	
2-6-1925	.14	7	FRANK WEASEL	
2-6-1925	.14	7	CARL A. GISH	
5-5-1925	.20	10	NELLIE B. WHITAKER	
3-16-1926	1.125	56.2	HENRY W. BARTLETT	
4-26-1926	.375	18.7	L. A. RICE	
5-6-1926	.40	20	H. D. PARKS	
5-6-1926	.20	10	A. G. WING	
7-8-1926	.40	20	MARY F. LEACH	
7-8-1926	.266	13.3	H. E. MCCONNELL	
7-8-1926	.40	20	H. W. BARTLETT	
7-8-1926	.40	20	E. E. SMITH	
8-13-1926	.15	7.5	RUSH CHASE	
8-21-1926	.40	20	FRED EGGERS	
9-15-1926	.288	14.4	A. C. BOWERMAN	
11-16-1926	.50	25	G. R. MCGUIRE	
12-3-1927	.40	20	CHAS. P. MACE	
7-2-1928	.25	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
7-6-1929	8.90	445	W. H. TULLER	
5-27-1932	1.00	50	W. SCOTT ANDERSON	
5-27-1932	.50	25	FARMERS UNION DITCH	
5-15-1934	.30	15	A. B. WHITNEY	
9-9-1938	.20)	10)	BOISE TRUST CO.	SOMERMEIR
	.20)	10)		FALK
4-29-1940	1.00	50	W. F. TRACY	
12-9-1942	.70	35	S. E. SMITH	
10-18-1943	2.00	100	W. W. HOWELL	LARSON-HAMMING-BUDGE TRACTS
4-11-1944	.60	30	D. W. BALDWIN	
4-29-1946	.68	34	W. W. HOWELL	EARL-FEWKES-STARK-KYLE
12-20-1946	2.00	100	W. W. HOWELL	REX JENSEN (BOISE-KUNA IRRIG.)
12-20-1946	.60	30	W. W. HOWELL	MRS. EDITH CURTIS
6-14-1947	.90	45	W. W. HOWELL	SIMPSON-DEMOND-SIMPSON
6-14-1947	.54	27	W. W. HOWELL	J. S. REEBE
11-25-1947	.64	32	R. M. TUCKER	
5-4-1948	1.34	67	W. W. HOWELL	DOTY-ERQUIAGA-ODERMOTT- CALDWELL-STEELE-ROYLANCE

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF TRANSFER
	FROM	TO		NO.	DATE	
736	THURMAN MILL	SETTLERS	63-0170	37	6-1-1868	3-9-194
737	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	3-9-194
739	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-2-1941
753	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-14-1950
754	CONSUMERS	MIDDLETON MILL	63-0161	30	5-1-1866	4-14-1950
790	HILLCREST	NEW YORK	63-0136	8	9-1-1864	3-28-1952
			63-0137	45	6-1-1869	
823	CONSUMERS	NEW YORK	63-0233	96	10-1-1887	
829	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-13-1954
871	THURMAN MILL	SETTLERS	63-0161	30	5-1-1866	9-3-1954
872	THURMAN MILL	SETTLERS	63-0169	36	6-1-1868	10-2-1956
873	CONSUMERS	SETTLERS	63-0169	36	6-1-1868	10-2-1956
890	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-2-1956
906	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-11-1957
917	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-3-1958
918	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958
940	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958
976	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	2-15-1960
977	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	1-17-1962
979	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	1-17-1962
980	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962
989	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962
990	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-29-1962
991	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-5-1962
1007	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-5-1962
1009	NEW DRY CREEK	DRAIN DITCH	63-0161	30	5-1-1866	4-17-1963
1010	CONSUMERS	NEW YORK	63-0288	73-A	4-1-1880	5-16-1963
1011	CONSUMERS	RIVER	63-0161	30	5-1-1866	6-24-1963
1017	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	6-3-1963
1035	CONSUMERS	MORES CREEK	63-0161	30	5-1-1866	9-28-1963
1038	CONSUMERS	PHYLLIS	63-0161	30	5-1-1866	9-4-1964
1048	BOISE CITY	FARMERS UNION	63-0161	30	5-1-1866	10-28-1964
1059	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	5-18-1965
1074	MORES CREEK	NEW YORK	63-0165	33	6-1-1866	10-28-1965
			63-0161	30	5-1-1866	10-13-1966

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	
37	6-1-1868	3-9-1949	1.00	50	AIRCRAFT SERVICE CO.	
30	5-1-1866	3-9-1949	1.10	55	W. W. HOWELL	
30	5-1-1866	4-2-1949	.15	7.5	W. W. HOWELL	
30	5-1-1866	4-14-1950	.46	23	J. R. FIELD	BR. 11A
30	5-1-1866	4-14-1950	.40	20	J. R. FIELD	BR. 11A
(8	9-1-1864	3-28-1952	21.54	1077	FOREST SOWEN	
(45	6-1-1869					
(96	10-1-1887					
30	5-1-1866	7-13-1954	6.00	300	G. S. TAYLOR	BOISE
30	5-1-1866	9-3-1954	.48	24	G. S. TAYLOR	BOISE
36	6-1-1868	10-2-1956	.288	14.4	J. FRANK BRYCE	
36	6-1-1868	10-2-1956	.22	11	GEORGE D. KEYSER, JR.	
30	5-1-1866	10-2-1956	.20	10	G. S. TAYLOR	THEODORE
30	5-1-1866	7-11-1957	.10	5	FRANCIS H. NEITZEL	R. S. I
30	5-1-1866	4-3-1958	.10	5	FRANK NEITZEL	R. W. W
30	5-1-1866	12-15-1958	.20	10	FRANCIS H. NEITZEL	MAULSON
30	5-1-1866	12-15-1958	.025	1.25	FRANCIS H. NEITZEL	H. P. I
30	5-1-1866	2-15-1960	.05	2.5	FRANK NEITZEL	EARL M.
30	5-1-1866	1-17-1962	1.50	75	G. S. TAYLOR	SHAWNEE P.
30	5-1-1866	1-17-1962	.20	10	G. S. TAYLOR	EVERETT I
30	5-1-1866	2-23-1962	.10	5	G. S. TAYLOR	R. E. &
30	5-1-1866	2-23-1962	.12	6	G. S. TAYLOR	CHETNEY
30	5-1-1866	5-29-1962	.20	10	G. S. TAYLOR	THEODOR
30	5-1-1866	7-5-1962	.08	4	G. S. TAYLOR	LYLE P.
30	5-1-1866	7-5-1962	.16	8	G. S. TAYLOR	CHARLES
30	5-1-1866	4-17-1963	1.00	50	G. S. TAYLOR	GLENN OR
73-A	4-1-1880	5-16-1963	.10	5	NEW DRY CREEK	R. D. OR
30	5-1-1866	6-24-1963	2.00	100	G. S. TAYLOR	JOHN DOR
30	5-1-1866	6-3-1963	3.00	150	G. S. TAYLOR	SURPRISE
30	5-1-1866	9-28-1963	.60	30	G. S. TAYLOR	FRANCIS
30	5-1-1866	9-4-1964	2.00	100	G. S. TAYLOR	CARL NIE
30	5-1-1866	10-28-1964	21.715	1085.75	G. S. TAYLOR	PIONEER
33	6-1-1866	5-18-1965	.0875	4.38	BOISE CITY CANAL	LEATHMAN
33	6-1-1866	10-28-1965	.10	5	BOISE CITY CANAL	W. T. &
30	5-1-1866	10-13-1966	2.00	100	CARL NICHOLSON	AVELOR B

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

STEWART DECREE

CHART NO. 24

BOISE RIVER

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

STEWART DECREE

CHART NO. 24

BOISE RIVER

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

STEWART DECREE

CHART NO. 24

BOISE RIVER

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

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
AIKEN			63	6-1-1877	5.20			260	5.20
ANDREWS DITCH			4	6-1-1864	3.30			165	
			29	6-1-1865	6.00			300	
			44	6-1-1869	8.50			425	
			51	6-1-1870	1.30			65	
			104	6-1-1888	.90			45	
			121	6-1-1891	3.50			175	23.50
BALLENTYNE			98	6-1-1888	4.00			200	
			99	6-1-1888	1.30			65	
			100	6-1-1888	1.40			70	
			101	6-1-1888	1.46			73	
			102	6-1-1888	1.20			60	
			103	6-1-1888	1.40			70	
			123	6-1-1891	.80			40	
			66-A	4-1-1878		.80		40	
			66-C	4-1-1878		1.40		70	
			66-D	4-1-1878		.80		40	
			85-D	5-1-1883		.8256		41.28	
			136	5-1-1906		.392		19.6	
	57		65	6-1-1877	.60			30	
	64*		102	6-1-1888	.20*			10*	
	140*		85-D	5-1-1883		.07*		3.5*	
	151		124-A	5-1-1893		.135		6.75	
	161*		103	6-1-1888	.65*			32.5*	
	174*		103	6-1-1888	.24*			12*	15.3526
BAXTER DITCH			73-B	1880		3.20		150	
	127		20	6-1-1865	.80			40	4.00
BOISE CITY			33	6-1-1866	38.06			1903	
	370*		33	6-1-1866	1.124*			56.2*	
	373*		33	6-1-1866	.374*			18.7*	
	1048*		33	6-1-1866	.0875*			4.375*	
	1059*		33	6-1-1866	.10*			5*	36.3745

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
BOISE VALLEY LICENSED RIGHT #15242		243	15	6-1-1865	54.58			2729	
				7-19-1921			(1.20)	60	55.78
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.80*			40*	
	224		89	11-9-1883	.90-.28			45	9.38
			76	10-1-1887	.70				
BUBB (SOUTH BOISE MUTUAL)			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
			109	5-1-1889	2.40			120	
			110	5-1-1889	6.00			300	
			111	5-1-1889	2.94			147	
			112	5-1-1889	.05			2.5	
			113	5-1-1889	.10			5	
			114	5-1-1889	.03			1.5	
	8-B		4-1-1865			1.80		90	
	8-D		4-1-1865			.50		25	
	50-A		1870			1.00		50	
	106-A		3-1-1889			.84		42	
			4-1-1905				5.40	270	21.14

*SUB TRACT

STEWART AND DAVIS SECURED GRAPES UNDER CANAL MEASURES

CHART NO. 23

AMOUNT INCURRED

NAME OF CANAL	CHARGE IN P. OF P.	PRIORITY NO.	DATE	STEWART		DAVIS	TOTAL	TOTAL SEC. PT.
				EXPENSE	INCOME	EXPENSE	INCOME	
CALDWELL HIGH LINE	27*	34	6-1-1886	15.40			750	
		45	6-1-1886	25.30			1000	
		77	10-25-1886	15.60			1000	
		46	6-1-1886	1.00*			34*	75.30
CAMPBELL (CANYON DITCH CO.)		132	3-17-1900	11.10			300	
		134	10-25-1900	5.34			177	
		38	56	10-1-1887	11.33		805	
		105	9	6-1-1885	.50		25	28.14
CANYON COUNTY		35	6-1-1887	75.30			3700	
		35-6	6-1-1887		1.75		60	
		45	6-1-1886	1.00			50	
		50*	35	6-1-1887	.50*		15*	
		54*	35	6-1-1887	1.15*		25.7*	
		55	31	6-1-1886	2.10		130	
		73	2-8	6-1-1887	.50		15	
		147	25	6-1-1887	.25		15	86.77
CONLEY & COMPANY		48	6-1-1880	2.30			130	
		54	6-1-1887	.50			45	
		118	6-1-1881	1.20			114	3.30
DAVIS (LITTLE DAVIS)		94	6-1-1886	15.40			620	
		119	6-1-1881	.54			27	15.94
EUREKA NO. 1								
		13	6-1-1885	25.30			1445	25.30

AMOUNT DEDUCTIBLE

NAME OF COMPANY	C. OF D.	PROPERTY NO.	PRECEDENCE NO.	PREPARATIONS				TOTAL DED. P.T.
				STAMPT	STAMPT	OTHER	OTHER	
				PERCENT	PERCENT	PERCENT	PERCENT	
CHART NO. 2								
		85	11-5-1005	25.75				
	87	86	11-5-1007	25.30				
	88	86	11-5-1007	1.00				
	91	84	5-3-1015	.40				
	85	84	5-3-1015	.30				
	131*	86	11-5-1007	1.20*				
	132*	85	11-5-1005	.30*				
	133	84	5-3-1015	.10				
	173	86	5-3-1015	1.70				
	224*	85	11-5-1005	.30*				
	225*	85	11-5-1005	.30*				
	227*	85	11-5-1005	1.40*				
	228*	85	11-5-1005	.30*				
	229*	85	11-5-1005	.30*				
								26.30

FARMERS UNION

	124	7-2-1004	110.00		2000
	136	2	5-3-1016	20.00	1000
	220	25	5-3-1016	1.124	25.2
	223	25	5-3-1016	.374	14.7
	224	65	5-3-1022	.40	20
	225	65	5-3-1022	.40	20
	244	65	5-3-1022	.40	20
	245	65	5-3-1022	.40	20
	246	65	5-3-1022	.40	20
	247	65	5-3-1022	.40	20
	251	31	5-3-1016		
		361	5-3-1021	.10	7.5
	253	31	5-3-1016		
		361	5-3-1021	.100	14.4
		1001	5-3-1001		
	255	65	5-3-1022	.40	20
	430*	65	5-3-1022	.40*	14.5*
		65	5-3-1022	.40	20
84		1	5-3-1016	1.100	20
	257	1	5-3-1016	.30	20
	260	1	5-3-1016	.30	20
			7-2-1004		2000
		25	5-3-1016	.1072	4.772
1000	1000	25	5-3-1016	.10	5
1000	1000	25	5-3-1016	.10	100.0000

NAME OF CORP.	CHARGE IN F. or E.	PROPERTY	NO. OF LOTS		DISTANCE MEASUREMENTS				
			NO.	F. or E.	STREET	STATION		STATION	STATION
						1000	2000		
WALL ST. ECH	125		25	E-1-1000	5.00			100	
			25	E-1-1000	5.00			100	10.00
WALL ST. ECH	125		5	E-1-1000	5.00			100	
			17	E-1-1000	5.00			100	
			28	E-1-1000	5.00			100	
			37	E-1-1000	1.00*			100	5.00
ISLAND HIGH LINE			25-4	E-1-1000	5.00			100	
			122-4	E-1-1000	7.00			100	
			125	E-1-1000	10.00			100	10.00
WALL ST. ECH			8-2	1000	5.00			100	5.00
LITTLE PIONEER	125		45	E-1-1000	15.00			100	
			25-2	E-1-1000	1.00			10	10.00
LOWER CENTER POINT			15	E-1-1000	5.00			100	
			20	E-1-1000	5.00			100	
			21	E-1-1000	5.00			100	
			22	E-1-1000	5.00			100	
			28	E-1-1000	5.00			100	
			43	E-1-1000	5.00			100	
			73	E-1-1000	5.00			100	
			15	E-1-1000	1.00*			100	
			20	E-1-1000	1.00*			100	
			45	E-1-1000	.50			10	
			45	E-1-1000	.50			10	
			45	E-1-1000	1.00			10	10.00

NAME OF DRUG	COUNTRY OR F. OF I.	MANUFACTURER	STRENGTH		STANDARD		OTHER	UNIT	PRICE
			NO.	STRENGTH	UNIT	UNIT			
MILK & LACTIN			3	6-10-1000	1.00				
			50	6-10-1000	1.00				
	170*		50	6-10-1000					
			500	6-10-1000	.20*				
			170	6-10-1000		.40			10.00
MILK & MILK			127	3-10-1000		1.20			1.20
MILK			41	6-10-1000	1.00				
			50	6-10-1000	6.20				
			50	6-10-1000	3.20				
			70	6-10-1000	8.00				
	170*		70	6-10-1000	8.00*				8.00
MILK			35	6-10-1000	1.00				1.00
MIDDLETON HILL			7	6-10-1000	10.00				
			40	6-10-1000	1.00				
			50	6-10-1000	25.00				
			100	6-10-1000	17.00				
	50		50	6-10-1000	1.11				
	75*		50	6-10-1000	.30*				
	147*		50	6-10-1000	.20*				
		300*	50	6-10-1000					
			50	6-10-1000	.35*				
			100	6-10-1000					
		300*	50	6-10-1000					
			50	6-10-1000	1.30*				
			100	6-10-1000					
	347*		50	6-10-1000	.10*				
	347*		50	6-10-1000	.10*				
	350*		50	6-10-1000	.10*				
	351*		50	6-10-1000					
			50	6-10-1000	.12*				
	352*		50	6-10-1000					
			50	6-10-1000	.200*				
			100	6-10-1000					
	754		50	3-10-1000	.40				
	175-4		50	3-10-1000		1.00			50.00

CARGO DEBITES

NAME OF CARGO	CHANGE IN P. OF D.	TRANSFER	PRIORITY		DATEWORKS				TOTAL
			NO.	DATE	STEWART	STEWART	OTHER	OTHER	
					DEBIT	DEBIT	DEBIT	DEBIT	DEBIT
MIDDLETON WATER			55	6-1-1877	114.00				114.00
	96		55	6-1-1877	.30				.30
	57		55	6-1-1877	.40				.40
	55		55	6-1-1877	.40				.40
	80		55	6-1-1877	.40		.30		.70
	185		55	6-1-1877	.40				.40
			55	6-1-1877	.40		1.30		1.70
		557	55	6-1-1877	.30				.30
		554	55	6-1-1877	.40				.40
		555	55	6-1-1877	.30				.30
		556	55	6-1-1877	.40				.40
		557	55	6-1-1877	.40				.40
		558	55	6-1-1877	.40				.40
		559	55	6-1-1877	.40				.40
		560	55	6-1-1877	.40				.40
		561	55	6-1-1877	.40				.40
		562	55	6-1-1877	.40				.40
		563	55	6-1-1877	.40				.40
		564	55	6-1-1877	.40				.40
		565	55	6-1-1877	.40				.40
		566	55	6-1-1877	.40				.40
		567	55	6-1-1877	.40				.40
		568	55	6-1-1877	.40				.40
		569	55	6-1-1877	.40				.40
		570	55	6-1-1877	.40				.40
		571	55	6-1-1877	.40				.40
		572	55	6-1-1877	.40				.40
		573	55	6-1-1877	.40				.40
		574	55	6-1-1877	.40				.40
		575	55	6-1-1877	.40				.40
		576	55	6-1-1877	.40				.40
		577	55	6-1-1877	.40				.40
		578	55	6-1-1877	.40				.40
		579	55	6-1-1877	.40				.40
		580	55	6-1-1877	.40				.40
		581	55	6-1-1877	.40				.40
		582	55	6-1-1877	.40				.40
		583	55	6-1-1877	.40				.40
		584	55	6-1-1877	.40				.40
		585	55	6-1-1877	.40				.40
		586	55	6-1-1877	.40				.40
		587	55	6-1-1877	.40				.40
		588	55	6-1-1877	.40				.40
		589	55	6-1-1877	.40				.40
		590	55	6-1-1877	.40				.40
		591	55	6-1-1877	.40				.40
		592	55	6-1-1877	.40				.40
		593	55	6-1-1877	.40				.40
		594	55	6-1-1877	.40				.40
		595	55	6-1-1877	.40				.40
		596	55	6-1-1877	.40				.40
		597	55	6-1-1877	.40				.40
		598	55	6-1-1877	.40				.40
		599	55	6-1-1877	.40				.40
		600	55	6-1-1877	.40				.40
		601	55	6-1-1877	.40				.40
		602	55	6-1-1877	.40				.40
		603	55	6-1-1877	.40				.40
		604	55	6-1-1877	.40				.40
		605	55	6-1-1877	.40				.40
		606	55	6-1-1877	.40				.40
		607	55	6-1-1877	.40				.40
		608	55	6-1-1877	.40				.40
		609	55	6-1-1877	.40				.40
		610	55	6-1-1877	.40				.40
		611	55	6-1-1877	.40				.40
		612	55	6-1-1877	.40				.40
		613	55	6-1-1877	.40				.40
		614	55	6-1-1877	.40				.40
		615	55	6-1-1877	.40				.40
		616	55	6-1-1877	.40				.40
		617	55	6-1-1877	.40				.40
		618	55	6-1-1877	.40				.40
		619	55	6-1-1877	.40				.40
		620	55	6-1-1877	.40				.40
		621	55	6-1-1877	.40				.40
		622	55	6-1-1877	.40				.40
		623	55	6-1-1877	.40				.40
		624	55	6-1-1877	.40				.40
		625	55	6-1-1877	.40				.40
		626	55	6-1-1877	.40				.40
		627	55	6-1-1877	.40				.40
		628	55	6-1-1877	.40				.40
		629	55	6-1-1877	.40				.40
		630	55	6-1-1877	.40				.40
		631	55	6-1-1877	.40				.40
		632	55	6-1-1877	.40				.40
		633	55	6-1-1877	.40				.40
		634	55	6-1-1877	.40				.40
		635	55	6-1-1877	.40				.40
		636	55	6-1-1877	.40				.40
		637	55	6-1-1877	.40				.40
		638	55	6-1-1877	.40				.40
		639	55	6-1-1877	.40				.40
		640	55	6-1-1877	.40				.40
		641	55	6-1-1877	.40				.40
		642	55	6-1-1877	.40				.40
		643	55	6-1-1877	.40				.40
		644	55	6-1-1877	.40				.40
		645	55	6-1-1877	.40				.40
		646	55	6-1-1877	.40				.40
		647	55	6-1-1877	.40				.40
		648	55	6-1-1877	.40				.40
		649	55	6-1-1877	.40				.40
		650	55	6-1-1877	.40				.40
		651	55	6-1-1877	.40				.40
		652	55	6-1-1877	.40				.40
		653	55	6-1-1877	.40				.40
		654	55	6-1-1877	.40				.40
		655	55	6-1-1877	.40				.40
		656	55	6-1-1877	.40				.40
		657	55	6-1-1877	.40				.40
		658	55	6-1-1877	.40				.40
		659	55	6-1-1877	.40				.40
		660	55	6-1-1877	.40				.40
		661	55	6-1-1877	.40				.40
		662	55	6-1-1877	.40				.40
		663	55	6-1-1877	.40				.40
		664	55	6-1-1877	.40				.40
		665	55	6-1-1877	.40				.40
		666	55	6-1-1877	.40				.40
		667	55	6-1-1877	.40				.40
		668	55	6-1-1877	.40				.40
		669	55	6-1-1877	.40				.40
		670	55	6-1-1877	.40				.40
		671	55	6-1-1877	.40				.40
		672	55	6-1-1877	.40				.40
		673	55	6-1-1877	.40				.40
		674	55	6-1-1877	.40				.40
		675	55	6-1-1877	.40				.40
		676	55	6-1-1877	.40				.40
		677	55	6-1-1877	.40				.40
		678	55	6-1-1877	.40				.40
		679	55	6-1-1877	.40				.40
		680	55	6-1-1877	.40				.40
		681	55	6-1-1877	.40				.40
		682	55	6-1-1877	.40				.40
		683	55	6-1-1877	.40				.40
		684	55	6-1-1877	.40				.40
		685	55	6-1-1877	.40				.40
		686	55	6-1-1877	.40				.40
		687	55	6-1-1877	.40				.40
		688	55	6-1-1877	.40				.40
		689	55	6-1-1877	.40				.40
		690	55	6-1-1877	.40				.40
		691	55	6-1-1877	.40				.40
		692	55	6-1-1877	.40				.40
		693	55	6-1-1877	.40				.40
		694	55	6-1-1877	.40				.40
		695	55	6-1-1877	.40				.40
		696	55	6-1-1877	.40				.40
		697	55	6-1-1877	.40				.40
		698	55	6-1-1877	.40				.40
		699	55	6-1-1877	.40				.40
		700	55	6-1-1877	.40				.40
		701	55	6-1-1877	.40				.40
		702	55	6-1-1877	.40				.40
		703	55	6-1-1877	.40				.40
		704	55	6-1-1877	.40				.40
		705	55	6-1-1877	.40				.40
		706	55	6-1-1877	.40				.40
		707	55	6-1-1877	.40				.40
		708	55	6-1-1877	.40				.40
		709	55	6-1-1877	.40				.40
		710	55	6-1-1877	.40				.40
		711	55	6-1-1877	.40				.40
		712	55	6-1-1877	.40				.40
		713	55	6-1-1877	.40				.40
		714	55	6-1-1877	.40				.40
		715	55	6-1-1877	.40				.40
		716	55	6-1-1877	.40				.40
		717	55	6-1-1877	.40				.40
		718	55	6-1-1877	.40				.40
		719	55	6-1-1877	.40				.40
		720	55	6-1-1877	.40				.40
		721	55	6-1-1877					

NAME OF COMPOUND	CAMEL NO. P. OF P.	PROPERTIES	ANALYTICAL DATA				
			FRACTION		ELEMENTAL ANAL.		FINDING
			NO.	ANAL.	FOUND	CALC.	
NEW 2011 (1911)			70	C ₁₂ H ₁₄ O ₂	70.10		100
			71	C ₁₂ H ₁₄ O ₂	70.10		100
			72	C ₁₂ H ₁₄ O ₂	70.10		100
			73-a	C ₁₂ H ₁₄ O ₂		70.10	100
			74-a	C ₁₂ H ₁₄ O ₂		70.10	100
			75-a	C ₁₂ H ₁₄ O ₂		70.10	100
			76-a	C ₁₂ H ₁₄ O ₂		70.10	100
			77-a	C ₁₂ H ₁₄ O ₂		70.10	100
			78-a	C ₁₂ H ₁₄ O ₂		70.10	100
			79-a	C ₁₂ H ₁₄ O ₂		70.10	100
			80-a	C ₁₂ H ₁₄ O ₂		70.10	100
			81-a	C ₁₂ H ₁₄ O ₂		70.10	100
			82-a	C ₁₂ H ₁₄ O ₂		70.10	100
			83-a	C ₁₂ H ₁₄ O ₂		70.10	100
			84-a	C ₁₂ H ₁₄ O ₂		70.10	100
			85-a	C ₁₂ H ₁₄ O ₂		70.10	100
			86-a	C ₁₂ H ₁₄ O ₂		70.10	100
			87-a	C ₁₂ H ₁₄ O ₂		70.10	100
			88-a	C ₁₂ H ₁₄ O ₂		70.10	100
			89-a	C ₁₂ H ₁₄ O ₂		70.10	100
			90-a	C ₁₂ H ₁₄ O ₂		70.10	100
NEW 2012 (1912)			91	C ₁₂ H ₁₄ O ₂		70.10	100
			92	C ₁₂ H ₁₄ O ₂		70.10	100
			93	C ₁₂ H ₁₄ O ₂		70.10	100
			94	C ₁₂ H ₁₄ O ₂		70.10	100
			95	C ₁₂ H ₁₄ O ₂		70.10	100
			96	C ₁₂ H ₁₄ O ₂		70.10	100
			97	C ₁₂ H ₁₄ O ₂		70.10	100
			98	C ₁₂ H ₁₄ O ₂		70.10	100
			99	C ₁₂ H ₁₄ O ₂		70.10	100
			100	C ₁₂ H ₁₄ O ₂		70.10	100
NEW 2013 (1913)			101	C ₁₂ H ₁₄ O ₂		70.10	100
			102	C ₁₂ H ₁₄ O ₂		70.10	100
			103	C ₁₂ H ₁₄ O ₂		70.10	100
			104	C ₁₂ H ₁₄ O ₂		70.10	100
			105	C ₁₂ H ₁₄ O ₂		70.10	100
			106	C ₁₂ H ₁₄ O ₂		70.10	100
			107	C ₁₂ H ₁₄ O ₂		70.10	100
			108	C ₁₂ H ₁₄ O ₂		70.10	100
			109	C ₁₂ H ₁₄ O ₂		70.10	100
			110	C ₁₂ H ₁₄ O ₂		70.10	100

STEWART AND SPYRA SOURCES GROUPED UNDER CAMEL HEADINGS

CAMEL NO. 23

NAME OF CAMEL	CHANGE IN P. OF L.	TRANSFER	RECEIVED BY		AMOUNT RECEIVED				TOTAL SOL. P.P.
			NO.	DATE	STEWART	SPYRA			
					RECEIVED	STEWART	RECEIVED	CHANGES	
NEW YORK			131	3-23-1900	275.15			100.00	
				3-23-1900			50.00	50.00	
				12-18-1900			1234.38	1234.38	
				6-15-1901			500.00	400.00	
		(1900-111)	8	5-1-1904	20.54			100.00	
			43	6-1-1905					
		(1900-111)	55	10-1-1907	1.20			50	
		406	106	2-20-1908	2.50			400	
		701	30	3-1-1908	2.00			100	
		413	30	3-1-1908	2.00			300	
		574	30	3-1-1908	1.50			75	
		1007	30	3-1-1908	1.00			50	
		1010	30	3-1-1908	2.00			100	
		1017	30	3-1-1908	.50			50	
		1074	30	3-1-1908	2.00			100	2004.38
PUMA DITCH			71	6-1-1879	4.40			100	
			74	6-1-1880	1.75			50	
			105	6-1-1884	1.75			50	
			77-a	6-1-1881		1.50		50	
			77-b	6-1-1881		.54		17	
			77-c	6-1-1881		.80		40	
			77-d	6-1-1881		1.50		50	
	237		174-a	3-1-1885		.80		40	12.76
PENITENTIARY	46		30	6-1-1870	2.24			100	2.24
MOLLYS			30	6-1-1864	25.50			25.50	
			117	9-1-1890	200.00			100.00	
			123	6-1-1904	50.34			100.00	
				6-1-1905			500.00	1250.00	
				6-1-1908			50.00	250.00	
		1074	30	3-1-1868	21.70			100.00	552.10

STAMPT INDEBTED

NAME OF COMPANY	CHARGED TO P. NO. 1.	PARTICULARS	DEBITED TO		CREDITED TO		BALANCE	BALANCE P. NO. 2.
			NO.	AMT.	NO.	AMT.		
STAMPT INDEBTED								
			8	5-1-1884	25, 00		1000	
			45	5-1-1885	25, 00		1000	
	56		95	5-1-1887	5, 00		100	
	62		95	5-1-1887	5, 00		100	
	62*		95	5-1-1887	1, 00*		100*	
		111*	81	5-1-1884				
			421	5-1-1885	25, 00*		100*	
		508	95	5-1-1887	1, 00		100	
		508	95	5-1-1887	1, 00		100	
		508	95	5-1-1887	1, 00		100	
	77*		81	5-1-1884				
			421	5-1-1885	1, 00*		100*	
	140*		95	5-1-1887	1, 00*		100*	
				5-1-1887				
						25, 00	1000	25, 00
STAMPT INDEBTED (NORTH & MICHIGAN)								
			47	5-1-1876	170, 00		5000	
			104	5-20-1880	570, 00		10, 000	
		290	45	5-1-1877	1, 00		100	
	152		47-4	5-1-1876		100	100	
	153		102	5-1-1883	1, 00		100	
	154		8-4	5-1-1883		100	100	
		400*	105	5-20-1880	5, 00*		100*	
		805	1	5-1-1884	1, 00		100	100, 00
STAMPT INDEBTED								
			80	5-1-1883	10, 00		100	
			91	5-1-1884	10, 00		1000	
			95	1-25-1887	1, 00		100	
			104	5-1-1885	10, 00		1000	
			130	5-1-1885	10, 00		1000	
			135	5-1-1885	10, 00		1000	
			135-1	5-1-1885		1, 00	100, 00	
			135-2	5-1-1885		1, 00	100	
			135-3	5-1-1885		1, 00	100	
			135-4	5-1-1885		1, 00	100	
				5-1-1885		1, 00	100	
				5-1-1885		1, 00	100	
				5-1-1885		1, 00	100	
				5-1-1885		1, 00	100	
		500*	80	5-1-1883	1, 00*		100*	
		500*	80	5-1-1883	1, 00*		100*	
		500*	80	5-1-1883	1, 00*		100*	
	75		81	5-1-1884			100	
			421	5-1-1885	1, 00		100	100, 00
	177*		80	5-1-1883	1, 00*		100*	
						1, 00	100	1, 00
STAMPT INDEBTED								
			80-4	5-1-1875			100	1, 00

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
SETTLERS			92	10-17-1884	99.06			4953	
			122	6-1-1891	73.44			3672	
		347	3	6-1-1864	.14			7	
		349	3	6-1-1864	.14			7	
		350	3	6-1-1864	.14			7	
		357	65	6-1-1877	.20			10	
		412	81	6-1-1882	.40			20	
	76		85-B	4-1-1883		1.00		50	
	83		85-A	6-1-1882		.72		36	
		430	65	6-1-1877	.25			12.5	
		595	1	6-1-1864	.20			10	
		654	30	5-1-1866	.50			25	
					1.00			50	
					.50			25	
		694	30	5-1-1866	.16			8	
					.12			6	
					.14			7	
					.26			13	
		702	30	5-1-1866	.60			30	
		712	30	5-1-1866	.20			10	
					.20			10	
					.50			25	
		720	30	5-1-1866	1.34			67	
		736	37	6-1-1868	1.00			50	
		737	30	5-1-1866	1.10			55	
		739	30	5-1-1866	.15			7.5	
		753	30	5-1-1866	.46			23	
		829	30	5-1-1866	.48			24	
		871	36	6-1-1868	.288			14.4	
		872	36	6-1-1868	.22			11	
		873	30	5-1-1866	.20			10	
		890	30	5-1-1866	.10			5	
		906	30	5-1-1866	.10			5	
		917	30	5-1-1866	.20			10	
		918	30	5-1-1866	.025			1.25	
		940	30	5-1-1866	.05			2.5	
		977	30	5-1-1866	.20			10	
		979	30	5-1-1866	.10			5	
		980	30	5-1-1866	.12			6	
		989	30	5-1-1866	.20			10	
		990	30	5-1-1866	.08			4	
		991	30	5-1-1866	.16			8	186.443
SEVEN SUCKERS	38)	(58 & 57)		6-1-1872				52	
	39)				1.04			12	
	179		5)	6-1-1864	.24				1.28
			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
SIEBENBERG			9	6-1-1865	13.42			
		105*	9	6-1-1865	.50*			671
		717*	9	6-1-1865	.64*			25*
								32* 12.28
THURMAN MILL			7	6-1-1864	3.30			165
			10	6-1-1865	1.20			60
			11	6-1-1865	.66			33
			36	6-1-1868	14.10			705
			37	6-1-1868	3.70			185
			42	6-1-1869	1.60			80
			55	6-1-1872	.70			35
			56	6-1-1872	1.40			70
			62	6-1-1876	.44			22
			75	6-1-1880	2.40			120
			76	10-20-1880	.90			45
			78	6-1-1882	.90			45
			79	6-1-1882	.60			30
			81	6-1-1882	2.60			130
			84	6-1-1882	1.50			75
			87	6-1-1883	.90			45
			128	7-1-1895	.66			33
		412*	81	6-1-1882	.40*			20*
		736*	37	6-1-1868	1.00*			50*
		871*	36	6-1-1868	.288*			14.4*
		872*	36	6-1-1868	.22*			11* 35.652
UPPER CENTER POINT			23	6-1-1865	3.20			160
			24	6-1-1865	2.40			120
			25	6-1-1865	3.94			197
			26	6-1-1865	1.60			80
			27	6-1-1865	1.58			79
	71*		24	6-1-1865	.80*			40*
	85*		24	6-1-1865	.50*			25*
	148		96	10-1-1887	3.00			150
	159*		24	6-1-1865	.10*			5*
	289		89	11-9-1883	.50			25 14.82

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1	THOMAS DAVIS	1	2.20	1.65	1.32	1	1323	1632
*2	JACOBS CANAL CO.	1	20.00	20.00	20.00	21		
3	MIDDLETON MILL DITCH CO.	1	12.80	9.60	7.68	29	1325	1635
4	THOMAS ANDREWS	3	3.30	2.48	1.98	31		
5	CATLIN & MACE	1	2.86	2.15	1.72	33	1325	1636
6	T. C. CATLIN	1	3.30	2.48	1.98	35	1326	1637
7	C. C. HAVIRD	1	3.30	2.48	1.98	37	1326	1638
8	PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00			
8A	ADOLPH BAHLER	1	.80	.60	.48		1327	
8B	FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08	38	1327	
8C	LOUISE SIMONSON	1	6.00	4.50	3.60	42		
8D	S.G. HARDIES & AMELIA EISLEY	1	.50	.38	.30			
9	SIEBENBERG	2	13.42	10.07	8.05			
10	ALLEN V. WEBSTER	1	1.20	.90	.72	43	1327	1639
11	J. F. YARYAN	1	.66	.50	.40		1327	
12	GRAHAM & GILBERT	1	4.40	3.30	2.64	46	1328	1640
13	EUREKA WATER CO.	1	33.32	24.99	19.99	66	1333	1648
14	NEW UNION DITCH CO.	1	13.76	10.32	8.26	74	1335	1652
15	BOISE VALLEY IRRIG. CO.	1	54.58	40.94	32.75	107	1343	1665
16	RIDENBAUGH & ROSSI	1	9.20	6.90	5.52	112	1345	1667
17	RIDENBAUGH & ROSSI (POWER)	1						
18	DENVER & IDAHO LAND CO.	1	.80	.60	.48	113		1668
19	MARTHA BOWMAN	2	2.88	2.16	1.73			
20	BIRD BOWMAN	2	6.40	4.80	3.84			
21	G. W. GESS	2	2.90	2.18	1.74			
22	ROBERT MCGUIRE	2	3.20	2.40	1.92			
23	C. W. COOPER	2	3.20	2.40	1.92			
24	J. W. ROWLAND	2	2.40	1.80	1.44			
25	DRAPER & WELLS	2	3.94	2.96	2.36			
26	THOMAS J. PALMER	2	1.60	1.20	.96			
27	NOAH W. PALMER	2	1.58	1.19	.95			
28	J. N. TUCKER	3	7.00	5.25	4.20			
29	THOMAS ANDREWS	3	6.00	4.50	3.60			
*30	J. PERRAULT & R. JOHNSON	1	50.00	50.00	50.00	163		
31	WILLIAM P. KENNEDY	1	2.60	1.95	1.56	164		
31A	WM. MUSSER	1	2.30	1.73	1.38	166	1345	1669
31B	MINNIE & JERRY COUZENS	1	.60	.45	.36			
31C	ALBERT C. BOWERMAN	1	1.10	.83	.66			
32	MANVILLE & LEONARD	1	3.50	2.63	2.10	168	1346	1670
33	BOISE CITY CANAL CO.	1	38.06	28.55	22.83	191	1352	1679
34	FRANKLIN DITCH CO.	1	13.40	11.55	9.24	200	1354	1683
35	CANYON COUNTY WATER CO.	1	75.80	56.85	45.48	246	1365	1702
35A	RALPH T. KNIGHT	1	1.76	1.32	1.06	247		1703
36	MARTHA E. MCCARTHY	1	14.10	10.58	8.46	255	1368	1706
37	H. D. & DORA GOODMAN	1	3.70	2.78	2.22	257	1368	1707

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

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
38	T. T. JOHNSON	2	3.20	2.40	1.92			
39	ROSS, ALLEN, DILLEY & ROSS	3	8.54	6.41	5.12			
40	S. S. GRAY	1	1.40	1.05	.84	258		
41	JOHN MAMMON	3	1.80	1.35	1.08			
42	ISSAC BEDAL	1	1.60	1.20	.96	259	1369	1708
43	FREDERICH ODE	2	3.60	2.70	2.16			
44	PRIOR BURNETT	3	8.50	6.38	5.10			
45	PIONEER DIXIE DITCH CO.	2	35.44	26.58	21.26			
46	MASON CREEK DITCH CO.	1	37.20	27.90	22.32	282	1374	1717
47	T. W. BOONE	3	3.50	2.63	2.10			
47A	ADOLPH BAHLER	1	.80	.60	.48	284	1374	1718
48	W. J. HAMMING	1	2.60	1.95	1.56	299	1375	1724
49	PIONEER CANAL	1	25.72	19.29	15.43	301	1379	1725
50	BARBER LUMBER CO.	1	2.24	1.68	1.34	301	1379	1725
50A	S.G. HARDIES & AMELIA EISLEY	1	1.00	.75	.60			
51	THOMAS ANDREWS	3	1.30	.98	.78	302		
52	CATLIN & MACE	1	7.86	5.90	4.72	306	1380	1727
53	PETER MEEVES	1	1.80	1.35	1.08	307		
54	MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	327	1385	1736
55	J. F. YARYAN	1	.70	.53	.42	328		
56	J. F. YARYAN	1	1.40	1.05	.84	329	1386	1737
57	MARY C. DAVIS	1	4.40	3.30	2.64	331		
58	EDWARD N. HART	1	3.70	2.78	2.22	333	1387	1739
59	T. W. BOONE	3	2.20	1.65	1.32			
59A	KARL F. & OTTO W. RODEL	2	3.20	2.40	1.92			
60	FARMER'S CO-OP. DITCH CO.	2	10.00	7.50	6.00			1742
61	EDWARD & MARY CLARK	1	2.30	1.73	1.38	335		1743
62	JOHN CECIL	1	.44	.33	.26			
63	THOMAS AIKEN	1	5.20	3.90	3.12	338	1388	1744
64	W. H. CONWAY	1	.90	.68	.54	339		
65	MIDDLETON WATER CO.	1	114.08	85.56	68.45	407	1405	1773
66	PERRAULT & JOHNSON (POWER)	1						
66A	J. S. KRAUS	1	.80	.60	.48	408		
66C	J. W. KOLANDER	1	1.40	1.05	.84	409		
66D	M. T. GRIFFITH	1	.80	.60	.48		1406	
67	NAMPA, MERIDIAN IRRIG. DIST.	1	170.00	127.50	102.00	511	1431	1816
68	JOHN MAMMON	3	4.20	3.15	2.52			
69	JULIA MAMMON	3	3.36	2.52	2.02			
70	CHARLES ALLEN	3	8.80	6.60	5.28			
71	R. H. STOCKTON	3	4.40	3.30	2.64			
71A	ISLAND HIGHLINE DITCH CO.	3	3.00	2.25	1.80			
72	NEW DRY CREEK DITCH CO.	1	31.32	23.49	18.79	530	1436	1824
73	D. MUNFORD	2	4.00	3.00	2.40			
73A	GOBLE & SONGER	1	.54	.41	.32			
73B	ALBERT LEMP ET AL	3	3.20	2.40	1.92			
74	SMITH STOCKTON	3	1.76	1.32	1.06			
74A	C. B. FRANK	1	1.816	1.36	1.09	530	1437	1825
75	ISHAM JOPLIN	1	2.40	1.80	1.44	533	1437	1825
76	JOSEPH GOBLE	1	.90	.68	.54			

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

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

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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		
114A	NEIL & PATRICK O'DONNELL	3	1.60	1.20	.96			2027
114B	GUS A. BARTH	3	.80	.60	.48			
115	SONORA JOPLIN	1	.06	.05	.04	910		
116	SONORA JOPLIN	1	1.20	.90	.72	911		
116A	ANNA SPENCER	2	.72	.54	.43			
116B	WILLIS SPENCER	2	.10	.08	.06			
116C	REBECCA BELL	2	.40	.30	.24			
117	PIONEER IRRIG. DIST.	1	200.00	150.00	120.00	1031	1562	2077
118	W. H. CONWAY	1	2.20	1.65	1.32	1032		2078
119	THOMAS DAVIS	1	.54	.41	.32	1033		
120	MIDDLETON MILL DITCH	1	17.00	12.75	10.20	1043	1565	2082
121	THOMAS ANDREWS	3	3.50	2.63	2.10			
122	SETTLERS CANAL CO.	1	73.44	55.08	44.06	1087	1576	2083
123	THOMAS AIKEN	1	.80	.60	.48	1088		2102
123A	OTTO & MARIE MULLER	1	1.60	1.20	.96	1089		
124	RIVERSIDE IRRIG. DIST.	2	80.00	60.00	48.00			2122
124A	W. D. CHARTERS	1	.825	.62	.50	1089		
125	R. H. STOCKTON	3	1.76	1.32	1.06			
126	FARMERS UNION DITCH	1	110.00	82.50	66.00	1155	1589	2150
127	CHARLES REIN & JAMES KEON	1	1.00	.75	.60	1155		
128	MATHEW CASEY	1	.66	.50	.40	1156		
129	FARMERS CO-OP. DITCH	2	83.50	62.63	50.10	1156		2171
129A	H. E. PLAIN	1	.54	.41	.32	1156		
130	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			2176
131	NEW YORK CANAL CO.	1	219.00	164.33	131.46	1288	1622	2231
132	CANYON DITCH CO.	2	10.00	7.50	6.00			2234
133	RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2231
134	CANYON DITCH CO.	2	5.54	4.16	3.32			2253
135	PIONEER IRRIG. DIST.	1	56.34	42.26	33.80	1321	1630	2267
136	H. E. WIMER	1	.392	.29	.24	1321		
137	B. P. WEAVERLING	1	1.76	1.32	1.06	1323	1631	
137A	ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20			2269
138	WESLEY A. MACE	1	.44	.33	.26	1323		2273
139	ISLAND HIGHLINE DITCH CO.	3	10.00	7.50	6.00	1323		

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

CHART NO. 27

PRIORITY DATE	NAME	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%	DEPT. OF WATER ADMINISTRATION
7-2-1894	FARMERS UNION	54.46	40.85	32.68	2306	4071	4523	63-0297
3-23-1900	NEW YORK IRRIGATION DIST. BOISE KUNA IRRIGATION DIST.	58.86	44.15	35.32	2341	4079	4538	63-0372
12-14-1903	UNITED STATES OF AMERICA	1354.58	1015.94	812.75	3154	4283	4877	63-0301
4-1-1905	PIONEER IRRIGATION DIST.	306.56	229.92	183.94	3338	4329	4953	63-0294
4-1-1905	FARMERS COOPERATIVE DITCH CO.	154.45	115.84	92.67	3430	4352	4992	63-0296
4-1-1905	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3434	4353	4993	63-0298
4-1-1908	PIONEER IRRIGATION DIST.	54.50	40.88	32.70	3466	4361	5007	63-0295
4-1-1909	UNITED STATES OF AMERICA	292.50	219.38	175.50	4022	4500	5239	63-0373
6-16-1909	UNITED STATES OF AMERICA	926.50 634.00	697.88 475.50	555.90 380.40				63-0302
6-16-1909	UNITED STATES OF AMERICA	1500.00	(POWER)					63-0367
4-1-1910	** RIVERSIDE IRRIGATION DIST.	63.78	47.84	38.27	4060	4509	5255	63-0299
4-1-1910	** MC MANUS & TEATER	3.36	2.52	2.02	4062	4510	5255	63-0304
1-13-1911	* UNITED STATES OF AMERICA	8000.00	(ARROWROCK STORAGE)				13255	63-0303
4-1-1914	** RIVERSIDE IRRIGATION DIST.	17.70	13.28	10.62			13273	63-0300
7-9-1914	** PIONEER DIXIE DITCH CO.	20.90	15.68	12.54			13294	63-0374
6-25-1938	UNITED STATES OF AMERICA	15000.00	(ARROWROCK STORAGE)					63-3613
12-9-1940	UNITED STATES OF AMERICA	493161.00	(ANDERSON STORAGE)					63-3614
4-12-1963	UNITED STATES OF AMERICA	307000.00	(LUCKY PEAK STORAGE)					63-3618

** DELIVERED FROM RETURN FLOW AFTER JULY 15.

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

