

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1966

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

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

BY

DANIEL L. MUSSELMAN
WATERMASTER, BOISE RIVER

C H A R T S

1. Map of Boise River, showing canal diversions.
2. Shows the natural flow of the Boise River by days for the period from 1941 to date. The same information for the period 1895 to 1940 is shown in previous reports.
3. Shows mean daily flow of Boise River for a 70 year period.
- 3A. Shows natural flow high years.
4. Shows monthly and annual flow of Boise River in acre-feet, for the irrigation years from 1894-95 to date.
5. Daily discharge of all canals (Section 1 and 2) for 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 1950. The same information beginning 1915 is shown in previous reports.
8. Shows daily discharge of all principal tributary streams feeding water to Boise River below Meres Creek for irrigation season.
9. Two charts showing Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain, by months in acre-feet, and average daily flow in 24-hour second feet for the irrigation season.
10. Two charts for Section 1 of Boise River showing river at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain between Diversion Dam and Star, by months in acre-feet and average daily flow in 24-hour second feet, for irrigation season.
11. Two charts for Section 2 of Boise River showing river at Star, canal deliveries, tributary gain, seepage gain and net gain between Star and Notus, by months in acre-feet, and average daily flow in 24-hour second feet, for irrigation season.
12. Shows acreage under all canals in the Boise Valley.
13. Storage water allocation.
- 13A. Storage use for the irrigation season.
14. 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.

C H A R T S

(continued)

17. Shows total discharge of drainage canals in Drainage District No. 2 for the irrigation season.
18. Two charts showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4 for the irrigation season.
19. Summary chart of the return flow to Boise River between the Government Diversion Dam and Notus for 15 year period.
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's 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 1966 was the same that it has been for several years past. It includes a Chairman and Secretary, a Water-master, one Assistant for a few months during the summer, and a part-time Stenographer.

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

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

M. A. Watkins, Chairman
O. L. Greer, Secretary
James Klahr
W. S. Hall
Wm. Reynolds
Wm. Wymer
Wayne Naugle
Henry Dalrymple
Norman Steele

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

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

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

DECREES

Stewart Decree:

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

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

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

Bryan Decree:

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

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

Chart 26 relates to the Stewart Decree and shows the following information: Number of priority, name to whom decree was issued, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent, and section of river in which point of diversion is located. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Stewart Decree, including intervenors, to 60 percent, 75 percent and 100 percent. In computing the amounts necessary to fill the various rights in this table, it is assumed that the return flow will fill the first 35 rights to 60 percent of the amount decreed. It is also assumed that the return flow to sections 2 and 3 of the river would fill the rights with points of diversion in those sections of the river to 75 percent of the amount decreed.

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

TRIBUTARY GAIN

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

Chart 8 shows the daily discharge of the tributary streams.

NET GAIN

Chart 9 shows the total flow of the Boise River passing Diversion Dam, canal deliveries, and gain to the river by months in acre-feet, and also average daily flow for each month during the season.

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 I 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 II includes that section which lies between the Caldwell High Line Canal and the Notus Bridge. Section III includes that part of the river between the Notus Bridge and the Snake River.

SECTION I

Chart 10 shows the condition that existed in this section during the period July 1 to October 15 inclusive.

SECTION II

Chart 11 is a table showing the condition that existed in this section during the period July 1 to October 15 inclusive. A considerable amount of water from Black Canyon project has come into this section of the river since 1950 and the return flow has now become a sufficient quantity so this section requires practically no regulation. There is a period of about a month when return flow does not supply Section II. This is right after the flood waters are cut from the river. 1966 was an exception to this, there was sufficient return flow to supply this demand.

SECTION 111

The return flow to Section 111 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 14 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 30 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 17 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 18 is a table showing the discharge of all drains in both Drainage Districts Nos. 3 and 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 19 is a table showing the average return flow to the Boise River for a 15 year period.

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

INTERVENORS

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

CHANGES IN POINT OF DIVERSION

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

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

TRANSFERS

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

STEWART DECREE

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

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

STEWART AND BRYAN DECREES GROUPED ALPHEBETICAL BY CANAL HEADINGS

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

BRYAN DECREE

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

WATERSHED

The following is quoted from the 1947 report:

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

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

FLOOD CONTROL

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

An agreement has been entered into between the Army Engineers, the Bureau of Reclamation and the water users whereby Arrowrock, Anderson and Lucky Peak Reservoirs will be used jointly for both irrigation and flood control. It is anticipated with this arrangement, the three reservoirs plus irrigation diversions will control the more frequent floods to bankfull (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 bankfull and some downstream flooding will occur.

CANAL REGULATIONS

It was necessary to begin canal regulations June 1, as the natural flow had receded and we were to near normal flows.

Chart 5 shows daily canal diversions in c.f.s. for the period from April 1 to October 15.

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 1950 to date. Previous reports show the same information, 1915 to 1950 inclusive.

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total flow for the calendar year 1966 was 1,228,360 acre feet and for the irrigation year was 1,271,978 acre feet. Irrigation started about the 29th of March and demand for water reached a peak in May and continued light in section #1 the balance of the season. Water use started early which caused more water to be used even in a year of short supply. In section #2 water use was heavy, due mostly to a good return flow. The river flow did not reach 10,000 c.f.s. in the 1965-66 water year. The highest flow was 8,225 cubic feet per second on May 10, and the lowest flow was 59 cubic feet per second on September 7. The flow at Lucky Peak was cut out on October 15, so the gates, etc. could be inspected. The gates were reopened to a flow of 150 c.f.s. on October 21, to pass fish and sanitation water.

STORAGE WATER

As of December 31, there was 179,276 acre feet of water in Anderson Ranch Reservoir, 128,400 in Arrowrock and 43,678 in Lucky Peak. 995 c.f.s. is being released from Anderson Ranch Reservoir, 1308 c.f.s. from Arrowrock and 1250 c.f.s. from Lucky Peak and 150 c.f.s. passing Diversion Dam.

CONCLUSIONS

1. That the records and data substantially as compiled in the Water-master'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 11 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 11 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. Forreast Service on the Boise River watershed for the purpose of determining to what extent the resources of the watershed may be utilized

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

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

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

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

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

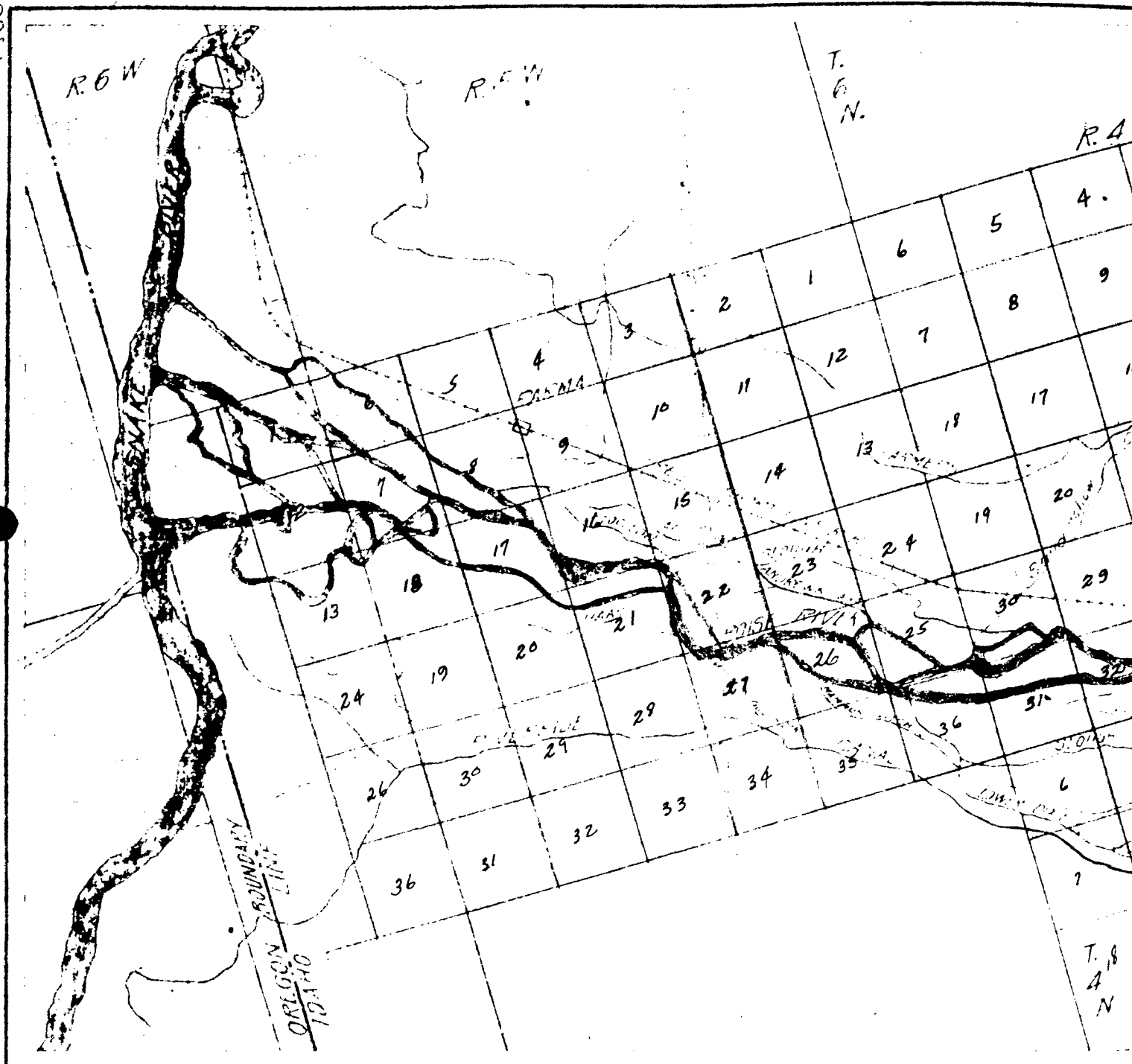
14. That mining operations within the bed of the Boise River and its tributaries should not be permitted.

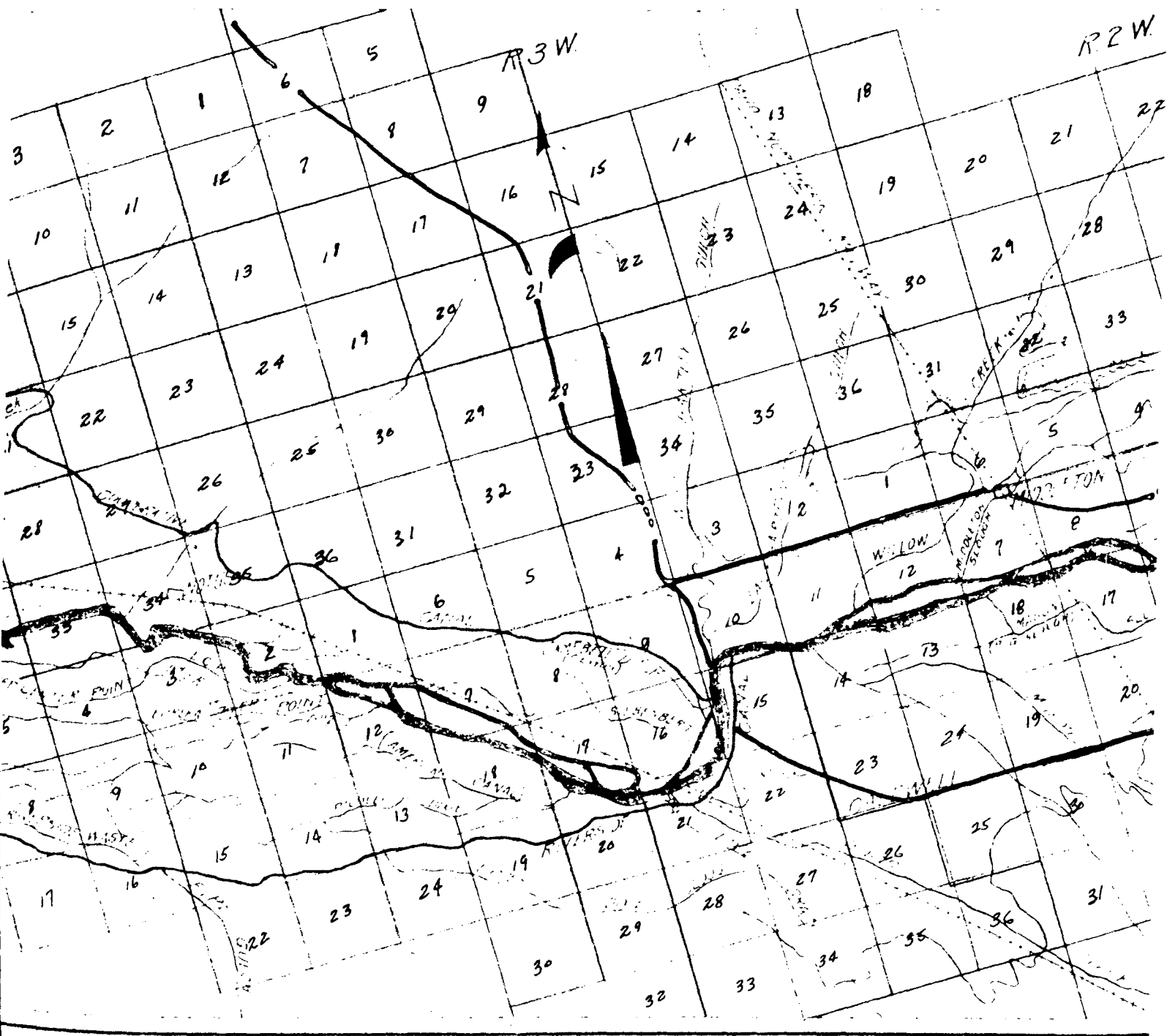
15. That efforts should continue to be made for the construction of protective levees to relieve erosion in certain bad places along the river.

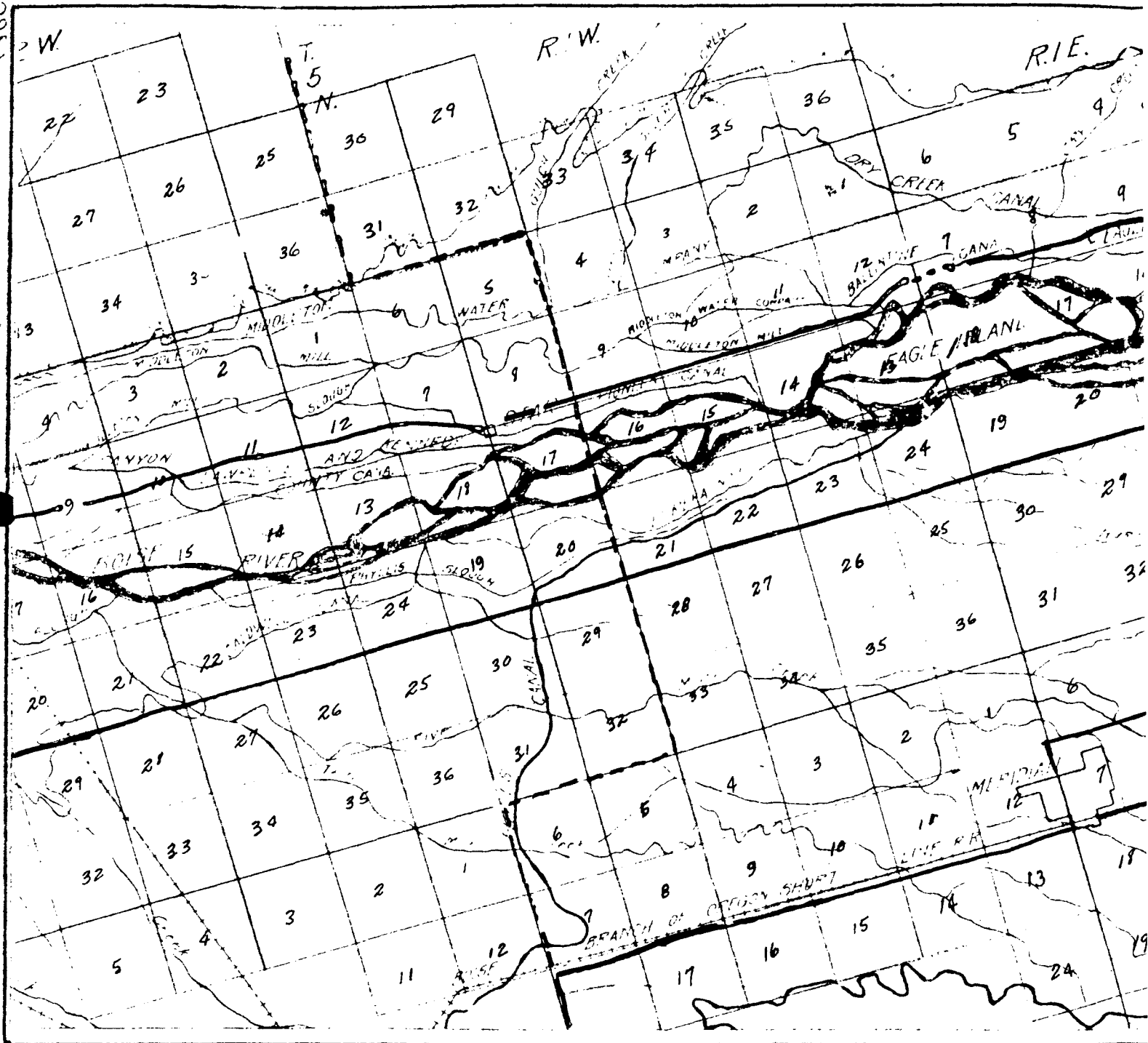
16. That some type of program should be adopted for annual repair and channel clearance on the Boise River.

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

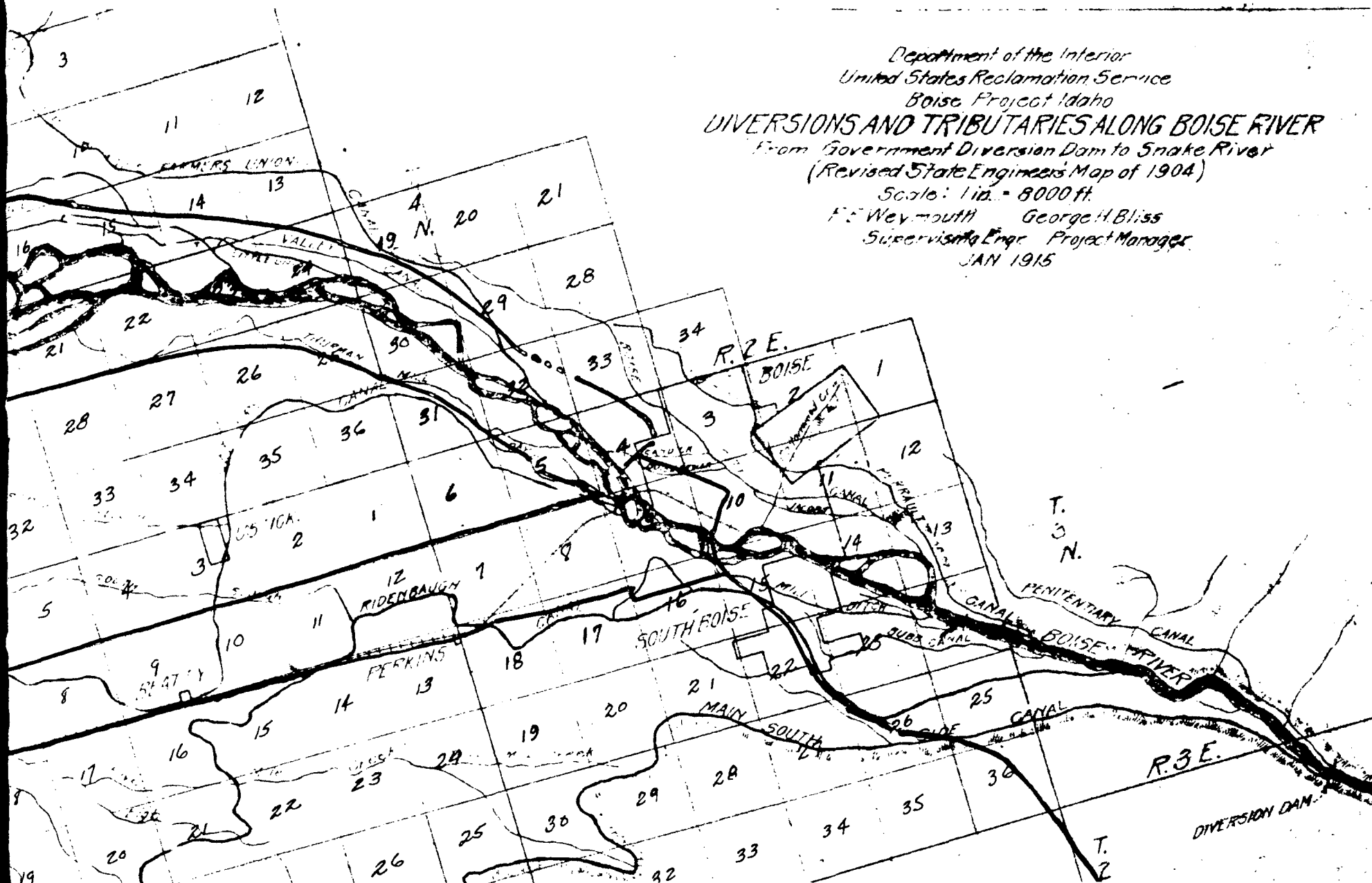
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Department of the
United States Reclamation
Boise Project
DIVERSIONS AND TRIBUTARIES
From Government Diversion
(Revised State Engineer)
Scale: 1 in. = 800 ft.
F. E. Weymouth Geo.
Supervising Engineer
JAN 1915



NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	953	664	662	690	704	967	890	959	778	857	761	699	622	926	1026	929	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
1942	869	647	1027	927	737	797	797	999	1000	1157	1052	1051	841	946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
1943	4510	4934	3711	2796	2572	2257	2026	1701	1790	1701	1554	1337	1344	1519	1550	1636	1300	1110	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
1944	998	895	979	759	375	685	876	673	670	671	674	676	684	688	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752	24,706
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1305	1169	1052	1034	1035	704	830	739	663	816	806	737	774	772	684	876	28,135
1946	2583	2013	2128	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	914	920	987	908	30,182
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
1949	866	878	818	730	730	825	800	822	861	868	773	760	777	824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
1950	642	735	654	772	509	644	848	894	903	955	952	708	558	884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1238	1257	1186	1271	1019	833	31,601
1951	1130	993	1241	1259	997	1017	1000	748	949	1190	1294	1188	1361	1172	1120	1231	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	762	34,974
1952	797	526	852	469	1008	989	898	1201	1046	936	1194	1463	1735	903	1285	1545	1618	581	1254	1132	974	966	1374	1249	1256	975	1502	1015	1079	1120	1379	34,321
1953	806	694	1346	785	691	810	1165	731	1103	1275	1657	1090	1736	2332	1738	1740	1662	2309	4391	3813	2852	2256	1792	1452	1546	1524	1085	1647	1698	1258	1544	50,468
1954	278	1799	1016	784	1240	1021	466	974	1062	995	586	662	975	897	824	955	1091	947	1096	1069	787	699	1242	1207	1259	990	1389	1001	1500	1635	1687	32,133
1955	851	805	705	550	786	1101	299	364	84	955	1198	1206	588	925	750	804	596	567	967	677	93	720	731	1513	1082	728	753	416	686	783	1075	23,358
1956	3113	3390	1890	2272	2298	2506	1782	2126	1688	1674	1593	1851	1841	1843	2197	5154	2314	2822	3641	2838	3115	2743	2933	2913	2149	2064	2399	1564	2367	1434	1192	73,606
1957	863	943	1057	1163	325	911	694	290	1034	977	681	1008	707	1042	1493	595	1022	687	907	483	1087	1155	727	788	915	998	648	837	922	721	544	26,224
1958	381	758	230	655	926	421	680	603	787	1170	1363	1120	910	853	1153	808	932	1216	750	553	546	781	895	1215	747	1095	396	1760	552	1399	1186	26,841
1959	1244	1185	672	589	372	1161	1076	1210	1664	871	860	1010	1639	1733	1350	1523	1413	1010	1443	1033	1052	741	1286	1382	1687	1578	1356	1980	1390	1594	1129	38,233
1960	924	626	635	758	616	548	1834	(-96)	1760	1156	666	959	1091	515	1082	428	688	489	758	598	682	924	1179	965	607	840	1051	800	753	987	1009	25,832
1961	977	574	545	754	496	685	687	849	673	931	762	660	701	621	805	891	806	438	611	593	515	476	690	657	701	669	649	582	587	895	747	21,227
1962	685	742	484	817	841	841	1009	1377	1237	1495	853	786	1107	770	931	969	843	916	1002	988	596	787	450	557	882	1069	887	910	912	732	802	27,277
1963	756	1107	1063	1052	910	681	401	732	619	921	663	347	276	367	498	881	780	1009	659	640	762	466	784	551	524	707	960	111	890	750	939	21,806
1964	847	803	1015	712	672	828	1147	836	670	579	748	788	775	634	544	866	770	934	991	1356	756	797	798	842	1009	966	908	916	741	805	1032	26,085
1965	3669	2725	2775	2824	2681	2701	2594	2336	1813	2160	2321	2011	1836	1893	1941	1557	1885	1872	1915	1721	2169	1922	2085	2359	2173	1776	1996	2706	4124	6216	7442	80,198
1966	1150	961	1047	889	1091	1367	1899	1720	1519	1259	1098	1108	818	1275	1010	1192	730	627	572	830	650	550	1156	1053	1103	784	746	952	862	684	882	31,584

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	817	843	852	857	831	879	1140	1215	1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
1946	1095	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,904
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
1949	682	929	852	933	842	855	943	876	787	694	698	792	700	454	754	841	611	739	1165	1074	1793	(-58)	139	827	1035	(-140)	1795	1045				22,657
1950	833	747	675	1415	1134	1344	1272	1182	1266	1259	1091	990	1165	917	1112	1042	1205	1203	1206	1299	1223	1222	1410	1412	1935	2626	2676	2654				37,505
1951	757	835	945	1261	2238	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334	2198	1987	2009	1828	1815	1678	2364	1528	1840				62,939
1952	900	1761	2068	1884	1607	1436	1290	1465	1611	1470	1068	1341	1323	1272	920	1187	1743	1714	1215	1309	1183	1054	1206	1265	941	1120	949	1511	722			38,535
1953	1128	1301	1834	2664	2912	2320	2086	2300	1921	1772	1697	1535	1519	1505	1495	1324	1466	1309	1398	1550	958	1120	1266	1406	1258	811	1271	1117				44,243
1954	1567	1410	940	1367	1387	1208	1363	1399	1252	1425	1432	1654	2038	2230	2217	2103	1965	2003	1663	1665	1579	1715	1579	1447	1626	2120	1886	1904				46,144
1955	687	545	88	232	942	500	734	661	1374	1388	228	605	610	778	968	960	574	723	695	962	723	412	861	863	978	697	736	698				20,222
1956	1617	804	1201	1368	1774	1696	1694	3490	2463	4125	1644	3147	1764	1968	1561	1358	1573	1604	1311	1053	1343	1784	1615	1486	2020	1588	1590	1842	1752			52,235
1957	8	805	1053	2156	1014	710	986	750	1026	94	1862	753	760	1173	1346	741	1229	945	1039	1073	1183	1403	1198	2437	3446	4399	6586	6265				46,440
1958	1213	807	598	1558	897	1182	1005	1034	1201	1098	1211	1217	1392	1937	2689	3463	4304	2500	2199	2982	3745	2215	2809	3325	3682	4557	3324	2774				60,918
1959	1284	1019	993	1129	1414	1258	1114	1242	1150	1043	1242	1174	1086	766	1262	1199	1714	1476	1570	1524	1034	1219	1388	2178	1301	1461	1385	226				34,851
1960	793	887	1088	888	905	826	1402	1802	2714	2270	1409	1453	1146	1237	1005	930	890	1113	700	991	876	958	763	735	886	982	1040	871	865			32,445
1961	1239	913	1003	812	1157	471	864	878	1158	778	1236	1711	1449	1363	946	1322	1324	1222	826	920	798	995	1325	903	945	1048	988	821				29,415
1962	758	726	887	886	1034	900	932	1233	948	1226	1746	1874	2337	2535	2174	2248	1836	1814	1640	1552	1430	1396	1226	1341	1230	1154	1050	1030				39,163
1963	1684	6541	4042	6708	5525	4627	3771	3176	2849	2478	2312	2005	1830	1691	1816	1662	1636	1489	1593	1683	2339	1854	1567	1700	1569	1611	2037	1767				73,562
1964	948	838	1200	895	668	748	821	646	818	1225	804	653	920	1042	850	903	1205	527	1116	963	1052	977	1060	1119	1096	936	857	1007	1042			26,930
1965	7577	5853	4996	4606	4135	3991	3561	3300	3321	3318	2744	2403	2622	2878	2756	2401	2286	2403	2484	2433	2404	2694	2787	2590	2648	2480	2386	3246				91,303
1966	938	834	785	624	544	1038	889	894	832	918	779	700	929	828	679	682	804	955	1211	667	758	842	844	786	867	1178	749	1031				23,585

NATURAL FLOW OF BOISE RIVER

CHART NO. 8

BEGINNING 1941

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
1942	873	1003	1035	1138	1018	1122	1034	1177	1115	1308	1403	1593	1652	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305	1573	1447	1464	1476	1546	1639	1988	2250	43,902
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
1946	1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387	4997	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
1948	1087	1173	1121	1097	922	930	1157	899	1004	1343	6	1792	844	1088	1039	1126	1219	1228	1032	1160	913	1061	1117	1133	1514	1383	1382	1209	1543	2076	2080	36,698
1949	1113	1343	1606	1746	1823	1874	1913	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
1950	2648	2360	2377	2328	2154	2617	2476	2333	2225	2257	1929	1680	1486	1625	1605	1512	2191	3900	4785	3688	3185	3006	2879	2728	2773	2855	2715	2572	2294	1968	2237	77,388
1951	1594	1634	1469	1610	2029	1084	1520	1410	995	1322	1138	1463	1318	1359	1491	2022	1928	1587	1619	1817	1817	2533	2601	2395	2538	3130	2173	4188	3971	3203	3578	62,536
1952	1277	1325	916	1270	951	864	750	1289	1202	1187	1575	791	1219	743	1238	1622	918	1949	1592	1521	1790	1934	1997	1186	670	2625	2871	3377	3221	3833	3867	51,510
1953	1424	1403	1427	1098	1399	1165	1524	976	1628	1672	1846	1871	2153	1965	1655	1796	1786	1337	1783	1997	1830	1830	1680	1877	2659	2967	2939	2966	3408	3928	5376	63,365
1954	1661	1596	1350	1774	1518	1621	1704	1870	3903	5830	5157	3972	3487	2794	2687	2351	2465	2141	2149	2119	2038	2091	1880	1993	2050	1942	2093	2397	2149	2100	2036	74,918
1955	1238	855	810	771	689	852	1053	825	1073	1090	911	753	703	859	801	639	1005	622	1032	895	697	766	1188	680	593	1318	999	678	715	1696	1244	27,970
1956	2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	2094	534	1473	1789	1575	1532	2794	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7304	6699	6295	6332	114,129
1957	4123	3591	3195	2692	2752	2847	2741	2633	3376	3824	3272	3425	3264	2610	2484	2356	2937	2692	2435	2677	3212	2855	2313	5227	3828	2810	2730	2830	2819	3563	4933	97,046
1958	2711	2292	1534	2014	1587	1821	1427	462	1364	2007	1669	1533	1372	1187	1512	1592	1702	1615	1484	966	1708	2745	3029	2485	3276	3070	2627	2901	3040	2648	2967	62,347
1959	1347	1226	1556	1529	1516	1240	1499	1195	1614	1165	1314	1190	1181	1213	1124	1261	1144	1179	1514	1398	1331	1438	1455	1532	2174	1729	1953	1914	1953	2119	2248	46,271
1960	542	205	1006	804	1774	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415
1961	1077	866	1028	766	1007	951	920	802	721	1030	889	760	1072	1030	1201	1853	1979	1822	1679	1707	1843	1771	1679	2573	2414	2072	2439	1909	1971	1713	2051	45,613
1962	1049	1197	1208	1224	1313	1182	1182	1263	1223	1064	1227	919	1145	1117	1013	1035	840	1013	1065	1488	1448	1494	1697	1184	1420	1506	1866	1960	2057	2053	2084	41,536
1963	1852	1424	1539	1426	1257	1316	1275	1289	1294	1300	1230	1406	1289	1145	1097	1202	1178	1097	975	1174	1040	1268	1551	1550	1465	1341	1408	2060	3680	2616	2208	45,952
1964	1148	1300	1086	826	1021	1092	1000	921	880	942	914	991	952	976	930	898	898	1053	1260	1057	1249	1406	1255	1059	1190	1462	1286	1259	1359	1600	2345	35,609
1965	3363	2531	2886	3330	1915	2782	2927	2909	3201	3372	3686	3471	3449	3504	3260	3404	3249	3515	3263	3161	3016	2638	2899	2694	2360	2705	2885	2521	2452	2597	2820	92,765
1966	555	813	847	590	725	849	933	1013	1145	1359	1364	1367	1525	2089	2286	1956	1964	1501	1398	1306	1606	1264	1195	1153	1196	1393	1945	2708	3152	3641	4142	48,980

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562	7955	6099	5718	5033	4620	3317	4353		170,811
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		82,000
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		101,184
1946	6008	4982	4552	4717	4841	5216	6160	6164	6222	5847	5218	5919	7596	10219	12352	13581	14780	17389	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
1947	4810	4145	4006	3747	3576	3468	3434	2289	3477	2684	2917	2808	3062	3230	4471	5632	6149	6379	6439	6284	6172	6318	6123	6001	5481	5356	5760	6190	6992	7300		144,700
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
1950	2888	3787	4629	4125	4107	3895	4251	4659	5124	4670	5841	5821	6521	7418	7543	7141	8012	8713	9289	8968	9687	11164	11174	10063	7848	7196	6937	7247	6579	6012		201,309
1951	3609	3674	4934	5892	7194	8634	9861	10722	10963	10960	10651	9941	9843	11541	11209	13094	10778	11159	11616	11612	10906	9734	8254	8001	8088	7476	7865	8281	11575	11017		278,484
1952	3257	3410	3399	3712	4754	6669	8193	9277	7784	6989	6942	7143	8548	9935	11088	9967	10520	12544	14976	14725	12961	12931	13206	13984	17015	18667	22302	23429	21634	18984		338,945
1953	4733	3869	3833	3881	4380	4107	4957	3346	3502	3669	2608	2514	2635	2480	1856	2836	2255	3181	3909	3531	6349	7202	9882	9941	10535	9020	9669	11656	12779	9568		164,683
1954	1854	1675	1808	2259	3119	4933	5009	4438	4362	4339	3939	4072	4879	6936	7452	7233	7449	9296	10020	9628	8427	7933	8039	8101	8442	8974	8939	9397	9390	8438		190,860
1955	1222	1007	1639	1090	1161	1218	1436	2087	2675	3028	3344	2583	1928	2156	1764	1674	1764	2184	2109	2192	1897	2528	3387	3314	2892	2590	2950	2668	2198	2241		64,916
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13854	13131	11892		318,251
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132	6122	6532	6317	6556	6892	6880	6243	5500	5385	5949	7427		180,628
1958	2913	3061	3506	3911	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371	6712	7606	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565		161,889
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5227	4912	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025		138,367
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3885		179,494
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2297	2346	2087	3175	4469	4050	3214	3265	3260	2072	2364	2358	2186	2368	2765	2835		86,032
1962	2688	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4455	5557	6996	8598	8570	8559	9027	10169	11343	9348	8780	8620	9355	8675	8000	8306	8152	6612		203,928
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3959	4432	3316	3092	2913	3106	2831	2487	2413	2531	2412	2571	2858	3276	3528	4028		90,149
1964	3694	4487	3919	3680	4020	4352	3938	3744	3812	4341	5212	5891	4233	3896	4063	4865	5505	4471	4524	4556	4945	5258	5310	4826	3814	3665	3757	3326	3702	5277		131,083
1965	3160	4099	6098	5322	5339	5508	6152	6046	6034	6833	6161	5868	5878	6459	7256	8547	10007	9260	8789	12273	16365	20258	20854	18531	17595	17086	16351	16794	16395	16772		312,090
1966	5060	5170	5575	4908	4200	3951	4352	4745	4953	5404	5750	4817	4292	3703	3933	3753	4559	4971	4464	3739	3487	3107	2968	2830	2930	3267	3397	3332	3001	3533		124,151

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4908	4367	5129	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
1942	3999	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,788
1943	13118	14472	15282	15085	15650	14752	12884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	5688	5036	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6432	6932	7120	236,573
1946	11798	10583	10259	10837	12416	13481	12844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	10730	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
1948	4899	4538	3728	4393	4204	4307	5939	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
1949	8007	7859	7339	6690	6507	6211	6444	7197	8178	9179	9784	10290	11540	11885	12413	12829	11584	12100	11233	10978	10319	9262	8496	8361	7507	8278	8103	9373	9361	9521	9007	285,835
1950	5296	6568	5497	6494	5130	5004	4336	4438	5086	4557	5445	5562	6917	9553	11897	13368	13673	12924	12338	9612	9297	10852	12137	13534	13021	11443	11008	11542	11799	11588	11627	281,543
1951	9166	8345	7297	7238	7299	8201	9727	12301	11980	12328	12460	13137	12371	10539	9707	8739	9206	10377	11258	11492	11650	11353	12580	12793	13796	12825	12646	13881	14065	12879	10811	342,447
1952	14339	15047	16512	18001	18955	15799	16476	15533	15390	15082	14555	13359	16047	16522	16170	14230	12349	11652	12802	12544	13861	13677	12966	11778	13056	14013	15735	13838	14449	13520	12560	450,817
1953	7935	6443	5512	5136	4792	6975	7543	8156	7593	6041	6151	5339	5134	5266	5443	5816	6208	7529	7119	9554	9160	7865	7064	6757	5481	5115	4725	4821	8039	6181	6898	201,791
1954	7649	6395	5818	6257	6124	8165	8936	9704	10854	11776	13307	12854	11973	11088	10493	10814	11452	12331	12276	13444	14660	13697	11100	9763	8933	8649	7664	6614	5783	5228	4974	298,775
1955	3601	4105	4040	3296	4134	5011	6697	7088	8417	8309	7326	7939	7918	7917	6984	5892	4734	4318	4549	5889	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712	198,635
1956	10218	10200	9871	10211	10496	10826	11384	10702	11094	11328	10238	9987	8960	8698	7933	8258	9716	11258	14370	15780	16976	18860	19581	20134	22949	20931	19423	19484	17472	16500	16839	420,677
1957	9409	10872	11712	11176	10375	9666	11185	12224	12850	12759	13083	12803	13328	13687	13506	13044	13377	13270	16619	16752	16930	12150	11422	10232	9263	8974	9657	10360	11241	12253	12791	376,970
1958	4928	6924	8263	9899	11248	13513	14715	13949	13445	14578	15390	17413	17483	14213	12587	12839	12626	15234	17097	18188	21254	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326	473,187
1959	5870	7805	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040	7963	7080	6054	5228	4541	4930	4240	4322	4512	4193	4039	4271	4133	3980	3901	165,797
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6909	8763	10699	11842	11130	8927	7912	7473	6667	6028	5170	5073	4941	4367	4461	3891	3735	3766	3948	4148	4736	5599	187,181
1961	3605	3983	4617	4084	4042	3808	3334	2429	3246	2857	4098	3591	3619	3057	3477	4048	3907	4219	3877	4241	5448	5761	5954	6612	7773	7721	7830	7495	6624	6442	7610	149,409
1962	5923	5454	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872	5189	5656	6199	6284	6047	5717	6431	7609	7251	7021	6491	6557	6308	6731	203,229
1963	5324	5703	5653	5674	5329	5798	6273	6450	6695	6577	6139	5546	5105	5078	4751	4947	5387	5940	6881	8164	8796	9586	10149	11480	11183	10794	10233	9380	9276	9198	9029	226,458
1964	7016	7799	6326	5226	4862	4139	4017	4340	4358	4562	5850	6130	6761	7602	8271	8506	9883	9949	9920	10053	10938	10763	9732	8614	7798	7008	7457	7523	7869	7611	7757	228,640
1965	20503	19705	17118	14545	13382	11788	10434	8291	9438	8986	8298	9611	11222	12687	14355	15060	15555	16142	15059	14140	14144	14677	15194	15156	14067	12773	11853	12018	12361	13826	15728	418,116
1966	2953	2974	3397	4545	5655	6340	7666	8082	7676	8225	7761	7303	5982	5063	5044	4127	4032	3783	3695	3808	4193	4794	5282	4618	4260	4233	4797	5317	5925	6032	6015	163,577

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
1942	6871	5752	5626	5932	6318	6766	8006	9985	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
1946	7950	7533	7763	9115	10131	9775	8965	8249	7785	7457	7621	6965	6209	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3467	3541	3406		189,411
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4350	4903	4599	4785	4962	5051	5334	5103	4814	4215	3548	3663	3798	3631	3738	3324	2971	2842		148,620
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
1949	8699	7652	6364	5665	5905	5817	6324	6597	7045	7415	7043	7446	6959	6315	5459	4899	4940	4153	3798	3618	3623	3421	3111	3262	3094	3073	2911	2608	2619	2377		152,212
1950	11474	11539	11330	10773	10648	10989	11703	11065	9479	8074	7526	8071	8765	7834	8115	8634	9085	9759	8926	9710	9794	10318	10052	8978	7742	6845	5212	6581	6984	8136		274,141
1951	9487	8447	7815	6970	6177	7805	6913	6277	5708	5396	5479	6034	7203	7536	8584	9851	10463	10017	9533	8705	8506	7929	7085	6458	6370	5833	6313	5807	5948	5641		220,290
1952	12410	11937	11735	13213	13471	13830	13581	13854	11979	12614	10938	10492	7689	7938	7471	7157	6311	6438	5554	6755	6336	5379	5548	5239	5379	5419	5276	5236	4724	5238		259,141
1953	9429	7336	8969	8880	9395	9933	9685	11613	6482	8841	9177	10758	13803	14790	13028	11255	11285	12359	12650	11478	10079	9422	9291	9365	9096	8038	6925	6975	6895	7246		294,478
1954	5209	4707	4385	4038	4415	4753	4700	4500	4322	4429	4617	4547	4386	4684	5270	6412	6806	6022	5342	5289	5580	6370	6892	7729	7691	7429	9902	7880	6139	5388		169,833
1955	6665	6794	6046	6080	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4104		209,680
1956	18159	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603		291,294
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7862	6677	6235	5575	5046	5094	5582	5913	5501	5085	5021	5504	4690	5069	5091	5358	5073		259,006
1958	12658	11471	10461	10328	9988	9513	10055	10402	10499	10045	9345	8848	9282	8774	8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083		250,783
1959	3900	4148	5030	5848	6420	7308	8523	8266	7246	6374	6120	5707	6829	8182	8097	7934	6442	6576	6556	6426	6383	6351	6145	5574	4988	5223	4157	3920	3117	3288		181,078
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575	4208	3939	3374	3303	3094	3080	2997	3013	2624	2403	2652		166,675
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4923	5095	3585	4531	3622	3459	3333	3142	2892	2500	2296	1987	1932	1762	1738	1707	1359	1273	1116		114,693
1962	6631	6960	7599	8823	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671	7908	8388	7736	7496	6954	6273	6728	6529	5658	5148	4655		212,699
1963	9315	8852	8018	7732	7905	7631	6881	6681	6484	7143	6852	6110	6453	7112	7817	8486	8495	8559	7644	7509	7389	7767	6572	5182	5102	4624	4128	4222	4718	4569		205,952
1964	6911	7508	8650	8393	8594	8456	9027	9249	8072	7337	6629	6329	5640	5471	5789	6545	8214	7688	7064	6263	5613	5641	4962	5106	5478	6052	6564	6288	5414	4981		203,928
1965	16246	14692	14116	15031	15908	15845	16184	15912	16274	16537	16415	16777	16910	15016	12332	10399	9527	8926	8747	8667	9854	10825	11692	12609	12340	11663	12206	10268	9026	8500		389,444
1966	5469	4699	4352	3907	3554	3315	3194	3320	3144	3452	3537	3384	2879	2756	2790	3020	3044	3263	2217	3257	2621	2356	2282	2305	2040	1778	1922	1774	1448	1945		89,024

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	2922	2243	2092	1988	2114	1578	1751	1612	1641	1462	1425	1359	1289	1414	1279	1385	1197	1289	1147	1133	1088	1083	963	926	1012	892	902	1157	1139	933	911	42,726
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108	2075	1941	1913	1883	1732	1679	1609	1571	1554	1484	1454	1446	1187	1385	1049	1274	1118	1026	69,556
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1809	1680	1737	1605	1432	1576	1544	1403	1308	1239	1387	1378	1418	1156	1221	1478	966	1054	1095	973	1045	53,163
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555	2355	2179	2136	2081	1791	1789	1709	1623	1644	1471	1533	1244	1340	1233	1203	1196	1261	1075	69,520
1946	3334	3363	3476	3227	3104	2957	2713	2600	2507	2373	2385	2246	1949	1825	1810	1555	1820	1720	1568	1480	1659	1496	1298	993	1320	1493	1484	1485	1165	1225	1250	62,960
1947	2782	2548	2736	2656	2687	2532	2413	2406	2537	2125	2244	2144	1825	1807	1814	1681	1557	1504	1404	1330	1360	1328	1160	1145	1128	1112	1097	1080	1063	1065	1033	55,323
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1796	1500	1614	1522	1362	1355	1287	1384	1228	1237	1222	1077	966	900	890	920	918	814	54,686
1949	2294	2260	2150	2128	2121	2094	2269	2067	1736	1699	1705	1662	2302	1357	1481	1440	1295	1244	1104	1083	1457	1190	1125	1093	972	902	866	925	1033	829	888	46,771
1950	8217	8402	7729	7344	6707	6356	6114	5721	5235	4323	5143	3939	3924	3506	3215	3369	3035	2818	2518	2452	2039	2219	2040	2053	1089	1902	1736	1862	1755	1529	1408	119,699
1951	5444	5458	5281	5084	5275	4488	4558	3960	3758	3835	3622	3408	3003	2998	2845	2940	2681	2766	2448	2407	2338	2136	2073	1912	1688	1956	1755	2221	1677	1978	1541	97,534
1952	4669	4151	3932	4208	4487	3143	3848	3333	3218	3076	3152	3534	3300	3177	2507	2564	2219	2354	2504	2070	2245	1904	2106	1989	1965	1657	1702	1726	1596	1745	1668	85,749
1953	7247	7169	6741	6586	6778	6412	6905	5985	6033	5369	5284	5022	4683	4618	4497	3800	3229	3205	2872	2749	2313	2386	2327	2097	2154	1909	1883	1931	1769	1604	1678	127,235
1954	5109	4877	4529	4360	4410	4445	4208	4228	3523	3367	3170	3119	2958	2756	2748	2948	2581	2549	2358	2044	1968	2099	1813	1878	1733	1851	1694	1647	1759	1341	1439	89,509
1955	3473	3184	2743	2676	3036	2560	2832	1883	2303	2361	2751	2133	2506	2465	2116	2312	2027	2196	1963	1824	1660	1616	1489	1732	1628	1422	1293	1371	1533	1355	1424	65,869
1956	5291	4759	4458	4281	3976	3916	3949	3804	4021	3266	3583	3423	3858	2854	3341	3069	2438	2619	2616	2203	2504	2516	2360	1941	2194	2032	1974	1712	1981	2036	1447	94,422
1957	4843	4563	4422	3840	3605	3299	3239	2994	2949	2714	2453	2702	2577	2035	2157	2286	1967	1814	1697	1672	1751	1647	1587	1464	1439	1282	1464	1299	1329	1487	1576	74,153
1958	4113	3444	3513	3324	3253	3197	2988	2733	2786	2580	2621	2242	2188	2170	2145	1957	2225	1777	2134	1780	1808	1779	1840	1407	1817	1355	1617	1566	1465	1556	1913	71,233
1959	3072	2569	2524	2726	2485	2262	2345	2267	2176	1814	1888	1902	1746	1671	1528	1795	1538	1323	1340	1423	1235	1493	1201	1170	873	1127	1052	1108	666	1108	1019	52,448
1960	2124	2136	2040	1947	2087	2086	1714	1753	1572	1647	1421	1451	1151	1476	1242	1473	1079	1247	1136	881	925	1132	1104	584	876	763	730	589	1024	392	1005	40,787
1961	1011	985	1669	1329	1260	1002	1311	1066	1021	998	969	1002	1020	995	836	799	900	608	773	776	761	733	754	752	665	630	685	1082	739	562	717	28,410
1962	4588	4326	3991	3533	3329	2993	3096	2914	2549	2827	2431	2345	2388	2241	2261	2074	1950	1682	1772	1638	1631	1608	1368	1597	1457	1536	1890	1523	1366	1343	1209	71,456
1963	3998	3563	3599	3904	3691	3719	3327	3187	3107	3029	2802	2678	2461	1975	2595	2369	2138	1952	1565	2216	1769	1624	1606	1690	1171	1802	1460	1420	1331	1334	1282	74,384
1964	4714	4550	4525	4187	3895	3671	3589	3167	3082	3028	2813	2609	2443	2385	2277	2133	1898	2106	1857	1805	1549	1557	1453	1408	1667	1211	1226	1359	1360	1432	1497	76,473
1965	8567	8759	8336	7977	8208	8593	7919	8033	7635	7867	7118	6426	5829	5229	4902	4894	4779	4570	4694	4397	3995	3836	3732	3302	3244	3072	2685	2903	2907	2458	2616	169,482
1966	1886	1177	1436	1410	1416	1123	1226	1007	786	1108	954	998	862	830	693	651	723	718	165	441	1046	946	382	687	753	720	706	535	532	324	759	27,000

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	991	891	848	894	776	760	706	873	706	600	740	1357	1754	1117	913	854	877	861	1240	962	832	878	800	709	864	813	815	701	752	710	654	27,248
1942	1036	1059	1043	1031	827	1049	826	849	949	769	890	705	837	672	906	699	617	718	677	567	574	734	565	674	586	571	602	519	621	635	648	23,995
1943	2472	2509	2404	2325	2303	2145	2016	1848	1868	2033	1608	1490	1672	1704	1570	1432	1519	1397	1520	1192	1269	1234	1301	1105	1311	1174	1220	1160	1125	1136	1180	50,242
1944	1032	1089	1124	1007	865	917	731	675	1018	820	650	665	674	707	647	621	644	703	619	499	579	547	596	546	525	523	599	502	603	511	394	21,632
1945	1113	1029	1248	985	1109	992	1039	1307	979	988	1084	926	890	840	788	853	767	801	635	735	765	746	665	750	515	584	579	570	657	585	291	25,815
1946	1325	1289	1241	1032	1020	1124	1138	993	947	870	867	870	895	684	933	734	989	590	772	811	768	705	934	790	904	919	808	919	899	763	776	28,309
1947	865	900	972	902	913	857	796	799	631	735	737	761	649	733	699	698	696	695	693	692	693	692	691	692	692	690	688	684	709	676	754	23,084
1948	822	842	841	811	789	782	775	759	748	745	751	751	735	715	694	697	693	695	693	682	683	673	675	676	675	677	667	652	644	636	628	22,906
1949	714	1286	686	531	614	519	568	576	606	736	686	737	708	848	758	765	892	780	745	690	617	525	544	602	589	459	600	515	544	549	571	20,560
1950	1557	2489	1707	1301	1602	1840	1591	1597	1323	1350	1472	1452	1300	1400	1136	1127	1017	1025	949	976	1019	1059	945	1010	1094	894	863	960	801	729	725	38,310
1951	1515	1604	1521	1631	1721	1769	1389	1309	1254	1341	1165	1414	892	1130	968	867	816	1110	976	759	841	1461	672	834	1197	994	934	805	840	766	990	35,485
1952	1299	2104	1336	1563	1186	1213	1262	1486	1364	1243	1214	1188	998	1392	1495	804	823	1077	948	1009	1137	980	1305	992	532	571	850	903	633	372	1101	34,380
1953	1536	1670	1619	1409	1501	1490	1492	1230	1206	1197	1027	1203	1314	962	1178	1293	1130	1048	1017	1208	1001	1176	1110	879	959	975	1012	804	1132	989	856	36,623
1954	1329	1415	1293	1140	1100	1350	1152	1263	1219	1191	1196	1103	1273	1139	1300	876	1135	770	1052	746	1105	1324	843	1048	776	926	775	960	960	749	672	33,180
1955	1282	1295	1107	861	947	833	1200	965	1143	1146	997	809	846	1051	1203	731	925	877	966	1004	1023	936	843	611	798	630	778	638	886	863	183	28,377
1956	1502	1545	1457	1749	1389	1216	1096	1426	676	1244	947	914	1199	1038	808	1095	1214	222	1164	474	1180	518	926	818	866	946	342	777	767	1252	600	31,367
1957	1264	1088	1165	1007	1461	709	1196	995	898	986	948	765	860	761	728	807	605	842	764	490	786	792	265	746	610	1117	940	189	1104	589	495	25,972
1958	1810	1460	1498	1327	1130	1342	1340	1026	932	1309	1276	892	1061	930	899	1096	661	980	934	998	848	892	731	378	803	690	699	627	992	639	683	30,883
1959	1308	1203	1053	245	735	518	563	952	825	(-21)	1142	262	1044	442	1146	(-229)	837	698	572	1495	1131	898	948	777	856	968	775	800	782	181	1310	24,216
1960	924	855	969	822	879	684	665	557	721	492	852	476	545	623	463	413	966	666	949	537	717	579	706	759	978	914	773	782	759	767	1087	22,879
1961	624	752	639	716	635	809	370	270	499	846	513	554	588	793	715	1036	673	646	478	733	635	688	427	612	653	674	839	688	614	681	630	20,090
1962	1505	1139	1311	1106	1036	1241	1081	1057	533	1380	972	852	725	1164	821	758	698	706	808	938	846	834	893	758	780	813	673	805	785	972	730	28,726
1963	1062	1199	1146	1002	985	924	1025	1047	870	1159	1084	1005	748	947	888	607	759	886	816	1456	93	286	1315	(-5)	815	771	591	752	806	897	719	26,655
1964	1218	1208	1101	1113	1110	1008	941	651	1218	824	801	812	919	831	630	704	691	785	451	717	289	1027	788	689	700	689	391	448	768	688	836	25,046
1965	2318	2516	2383	2399	2587	2085	1902	2097	1674	1755	1957	1480	2720	2653	2042	1913	1773	1656	1905	1804	2075	1835	2112	3175	205	1576	1437	1397	1179	1255	1298	59,163
1966	713	606	713	733	566	865	657	643	689	570	563	678	653	571	593	634	542	626	663	574	689	539	525	527	504	548	655	775	691	571	650	19,526

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	638	610	690	733	613	665	664	666	678	696	658	617	771	763	824	652	730	727	655	708	701	730	730	732	732	754	708	715	718	582		20,860
1942	590	698	519	647	559	574	499	521	533	505	620	622	681	634	606	647	627	619	554	775	619	673	596	505	638	546	531	580	481	549		17,748
1943	1164	1144	1073	1106	1027	1032	957	1034	987	826	809	1008	861	966	842	859	738	733	662	814	631	1019	716	777	768	707	851	844	838	783		26,596
1944	416	563	575	641	562	728	670	609	577	560	528	764	413	532	432	443	467	546	726	725	680	685	660	629	645	616	611	444	541	688		17,676
1945	685	629	583	565	528	608	543	508	658	508	659	629	572	538	174	651	625	611	646	667	669	776	995	1352	1028	399	704	681	675	644		19,510
1946	728	643	628	841	671	764	851	794	881	756	762	687	681	657	578	675	703	926	886	957	841	856	866	864	711	691	595	660	805	678		22,636
1947	706	682	686	610	606	562	639	637	636	710	786	700	698	692	682	672	668	606	632	628	627	650	643	621	599	555	584	604	608	584		19,233
1948	634	626	621	625	630	634	630	634	634	578	575	585	644	617	606	595	539	521	517	485	519	497	518	534	576	606	739	771	820	760		18,290
1949	495	544	503	455	433	308	516	467	515	598	588	732	597	566	602	523	494	599	430	492	475	516	481	571	497	688	442	217	464	780		15,588
1950	896	632	821	643	507	515	497	541	1024	1752	1298	929	756	817	986	723	922	721	532	1160	849	717	696	782	793	835	218	668	922	936		24,088
1951	756	841	1124	617	775	617	709	570	768	848	643	616	692	904	596	696	736	609	534	318	805	298	729	717	778	833	704	924	706	812		21,275
1952	873	760	1022	997	666	854	692	727	630	634	856	765	738	2155	1049	739	1014	709	699	1277	965	580	818	461	791	322	1434	1014	542	144		24,927
1953	834	982	975	1043	835	897	937	938	805	874	923	837	850	636	805	802	583	869	794	709	913	826	706	693	835	390	486	1090	1117	180		24,164
1954	817	692	659	610	820	529	500	646	636	686	544	709	713	627	860	898	605	1024	860	772	522	702	765	838	577	402	742	595	695	789		20,834
1955	517	573	605	582	896	381	450	648	567	880	919	714	174	588	529	705	858	929	926	716	235	799	635	880	890	788	879	770	630	734		20,397
1956	801	1317	499	951	1207	1087	1141	1163	1133	1087	931	988	1039	996	1094	813	684	927	777	598 (-308)	1006	601	1176	825	970	854	936	1041	1524		27,858	
1957	983	908	1223	1448	633	882	956	854	924	926	778	967	800	706	928	917	799	759	848	1109	823	950	1016	885	798	962	1095	643	837	926		26,683
1958	746	730	1069	1070	1196	1211	989	870	716	1286	1071	623	1131	870	1166	1035	910	910	608	1313	802	541	224	818	825	1117	548	847	835	1115		27,212
1959	888	919	984	1104	678	482	891	232	469	723	923	670	781	822	1575	1793	1130	711	1523	1743	2087	1388	1467	1071	1218	1497	1804	1581	1498	1165		33,817
1960	876	657	500	706	1541	897	670	678	690	712	802	783	805	1146	962	1097	817	936	811	976	837	818	858	706	595	1044	280	259	(-62)	725		23,122
1961	346	629	778	556	634	592	372	633	509	729	761	635	676	559	552	592	701	1050	517	716	722	779	824	747	609	555	469	648	632	584		19,106
1962	830	799	719	774	742	963	792	670	696	749	775	829	880	836	784	892	889	789	676	711	951	802	887	903	1016	740	752	914	1023	1010		24,793
1963	1037	1188	920	801	740	858	628	1169	1067	873	783	730	840	784	1015	864	798	898	969	1013	1265	1148	1214	1165	1067	1055	944	848	945	742		28,368
1964	1017	1203	1251	941	715	827	1167	732	831	654	667	735	788	735	880	1167	1088	687	889	933	859	784	903	965	865	785	849	805	820	857		26,399
1965	1190	1130	1228	952	1147	1048	1049	1262	2065	1723	1553	1254	1429	1344	1493	756	1889	1156	1367	1384	1306	1242	1170	1297	1296	1226	1174	1040	1180	1276		38,626
1966	598	629	583	589	570	616	59	585	474	769	1098	591	939	681	580	983	825	815	675	839	628	610	662	120	600	412	706	663	463	521		18,883

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	592	699	661	649	748	781	812	797	732	715	591	676	783	804	698	802	849	849	797	855	902	900	761	755	870	840	882	842	914	876	868	24,300
1942	567	748	695	662	697	665	659	684	454	502	459	605	740	744	844	565	683	718	692	895	720	764	720	760	651	626	702	792	737	835	699	21,282
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940	1122	939	927	1006	876	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
1944	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807	673	632	598	664	671	674	693	659	958	436	669	638	718	20,414
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746	689	777	846	792	814	838	768	797	776	785	800	781	802	819	924	22,911
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
1947	536	648	559	703	619	638	645	518	632	876	803	947	941	874	777	822	2138	1452	1234	1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
1948	631	616	536	551	715	779	728	755	791	697	698	742	742	750	748	751	778	783	780	781	782	722	738	741	735	736	734	675	686	685	735	22,321
1949	523	572	575	794	757	945	995	893	834	861	999	851	855	817	777	801	825	834	746	749	703	812	825	826	852	803	707	744	752	835	780	24,642
1950	1159	1164	672	1056	1194	796	1258	919	1006	1431	840	1014	(-111)	1519	968	971	971	971	971	971	974	973	974	971	972	991	718	(-569)	1538	1588	1950	30,820
1951	971	1440	1748	1289	992	1113	1240	1236	681	948	1367	828	1338	1565	940	1752	1489	564	1047	1923	1634	512	703	2189	1316	1247	1554	2152	1275	1177	1422	39,652
1952	649	575	1515	745	854	547	1021	718	1198	565	690	798	489	891	948	855	759	976	789	875	809	1033	1026	753	831	587	892	1249	1315	631	471	26,054
1953	1120	651	838	320	945	660	269	725	668	864	516	931	733	866(-1531)	1483	874	834	911	998	659	916	769	735	906	902	974	628	791	789	691	22,435	
1954	476	1023	737	736	706	880	829	842	870	586	(-133)	1942	679	952	(-610)	1111	1246	907	863	851	905	891	846	849	659	715	1018	883	761	732	824	24,666
1955	982	835	426	380	798	711	587	929	920	1102	194	1254	986	1257	622	1702	660	591	1042	840	821	769	919	722	645	883	698	1023	706	746	1102	25,852
1956	1428	1040	1210	1055	955	1001	1050	956	1066	1386	1095	1440	1132	1153	591	834	767	1098	993	1042	800	909	1055	900	907	1336	1165	1318	1130	1443	1051	33,306
1957	961	862	354	826	(-675)	684	1015	1104	994	932	940	1008	1004	896	1321	824	826	787	740	834	923	1036	950	1020	914	1088	988	1165	753	1076	908	27,058
1958	1068	969	983	968	1033	986	976	470	344	825	746	841	866	851	770	788	785	624	910	865	955	798	498	967	960	900	815	696	748	887	1089	25,921
1959	1375	1133	1082	1038	897	1079	945	1358	1470	2135	1743	1741	1946	1248	1732	1360	1229	1076	1485	1213	1612	1190	1284	2293	1644	1448	1315	1657	1256	1106	1364	43,454
1960	689	371	550	83	378	684	1291	649	946	841	1051	1422	1067	748	716	715	648	655	790	721	743	742	719	594	824	797	761	509	1030	1020	768	23,522
1961	814	901	565	856	942	964	883	1058	436	487	1211	1020	819	963	801	786	765	686	641	712	707	780	847	805	791	681	1175	1107	1287	725	860	26,075
1962	827	872	748	647	853	729	828	747	937	1148	1471	1452	1927	1567	2636	1803	1389	1570	1213	1234	929	1285	1082	981	954	1091	967	1103	847	783	906	35,526
1963	857	688	757	910	881	755	1003	1209	307	1201	1319	804	785	1123	695	1200	917	803	728	945	723	838	712	795	778	1064	766	643	782	753	779	26,520
1964	599	678	780	782	818	657	804	787	776	904	792	689	548	812	716	950	791	730	778	709	689	735	741	707	816	775	778	913	780	928	742	23,704
1965	1041	1290	1004	1182	999	1286	1016	1133	1135	1052	1171	1312	914	1044	1379	1121	1123	1093	965	993	1042	1004	981	942	1191	1228	665	838	896	609	1076	32,725
1966	651	333	1002	503	537	539	516	710	733	654	617	595	766	707	335	807	884	686	569	605	627	706	772	756	742	707	587	687	420	619	682	20,054

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

NOVEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	781	821	822	930	1393	1076	1022	894	905	852	802	909	780	894	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186	1150	1007	857	709	858	1128	1799	1594	1246	1442	1412	2098		32,094
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581		26,100
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888	936	976	899	675	580	875	1004	991	1061	1096	1094	905		26,835
1946	1031	1033	929	844	934	947	1063	971	983	972	1028	937	844	850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,791
1948	813	1214	1689	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
1949	805	700	726	794	680	690	694	774	990	1089	971	841	855	896	911	871	796	734	789	764	726	690	792	1425	1580	1368	1300	1348	1197	1905		28,581
1950	1073	2011	1952	1253	1350	1264	1461	1647	1640	1352	950	1333	1115	1313	1197	1140	1183	1327	1659	1697	1595	1881	1274	1274	1366	1406	1356	1455	1228	1472		42,224
1951	1030	906	1003	1365	1001	1304	1093	827	1116	447	147	1470	1072	1368	952	1394	87	1272	53	2770	775	1279	1051	898	886	863	1518	1230	1330	1209		31,716
1952	401	562	788	1205	800	921	921	778	625	635	523	1159	1188	1634	1240	843	525	947	894	961	643	1021	708	248	853	123	845	946	822	562		24,321
1953	678	951	844	716	853	798	735	1074	763	749	1072	921	916	803	829	957	776	784	732	528	609	1225	1989	2112	1272	666	1721	1369	1292	1130		29,864
1954	773	403	949	810	888	743	663	713	717	728	709	914	961	891	903	1181	1329	1059	907	875	1050	803	883	786	783	876	749	795	742	506		25,089
1955	973	847	778	561	910	824	838	702	880	881	1074	1000	858	939	1029	478	613	1034	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413		34,343
1956	1245	1077	1093	1225	906	997	1220	964	1172	1182	1213	1248	1087	1024	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238		31,232
1957	823	899	1037	894	733	536	682	969	635	792	1181	804	908	1081	1332	827	843	721	432	1252	1201	280	300	1521	413	1067	1053	1339	1098	421		26,074
1958	606	567	752	930	869	764	1436	2330	1567	1066	1436	1047	1039	1297	1571	824	591	947	862	1345	1495	1612	1404	961	1068	926	448	517	646	975		31,898
1959	1268	1246	1236	1165	1207	818	1199	1039	1152	978	984	1116	1017	652	518	718	1102	847	1010	1057	873	1112	1141	1276	1154	1232	806	753	855	895		30,426
1960	554	980	805	836	1038	595	849	735	763	730	737	795	1333	1091	748	904	368	1466	1201	1145	923	808	693	985	1226	972	1318	1027	706	590		26,921
1961	745	806	941	901	1098	467	619	148	1618	546	1192	991	540	689	1031	941	610	546	650	646	1092	839	1327	1142	894	1134	905	971	868	913		25,830
1962	1429	856	1207	484	1267	784	1066	1083	1031	456	898	1071	1322	1255	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162		32,507
1963	689	943	720	832	956	1054	1007	1099	1526	1654	1473	1043	769	1083	1558	1547	1623	1337	996	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		33,499
1964	684	774	1180	810	760	696	816	883	851	796	957	988	922	632	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154		27,144
1965	1090	1006	1047	805	856	1036	884	884	1062	937	849	763	1176	1100	1316	1307	1025	1217	1346	1017	1041	1117	1063	1156	1019	1088	1125	903	862	512		30,609
1966	539	753	625	652	532	722	931	1061	733	709	741	874	602	908	1554	1010	1061	963	681	667	996	1071	758	389	628	525	492	247	755	1078		23,257

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	943	947	1661	4603	9137	2096	1837	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1285	1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	746	770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,884
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640	866	1052	818	1137	906	839	783	615	621	588	906	826	21,451
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696
1947	1182	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991	844	951	798	792	974	746	737	736	779	961	790	514	27,702
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547
1949	1304	1122	1148	775	799	860	789	842	891	780	701	326	650	903	718	818	789	994	1106	565	729	778	931	907	764	779	795	975	725	739	748	25,750
1950	1398	1398	1485	1441	1551	1451	1561	1878	1630	1645	1760	1650	1652	2108	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1248	670	907	1599	1440	44,499
1951	2368	3459	2250	2024	1569	1834	1117	879	711	916	962	1493	1338	1059	1098	754	1072	1273	1362	807	959	2049	2046	1243	1237	629	1252	1145	1739	1438	1333	43,415
1952	723	779	1163	823	753	701	875	1006	902	742	931	938	1424	1071	1096	1443	879	733	444	1164	658	1763	1202	71	227	465	806	1020	1020	579	922	27,323
1953	996	1167	917	971	1236	1037	677	1271	960	1221	1025	877	864	854	527	792	1004	968	526	1599	1237	1317	791	503	829	717	1112	673	519	950	729	28,866
1954	309	588	953	1001	682	902	817	859	702	604	707	858	712	913	817	697	454	504	967	1329	246	(-288)	891	601	737	1043	1092	588	966	862	957	23,070
1955	535	1329	854	1401	739	746	1021	1181	558	1705	1160	923	876	919	784	970	897	1438	1641	2250	2221	4106	16700	20551	11314	7381	5053	4416	3637	2732	2871	102,909
1956	385	1145	643	1060	1198	554	733	797	542	483	2817	2027	1978	2196	1817	1811	1316	1170	1588	897	932	1058	1009	605	1392	622	992	309	807	1031	840	34,754
1957	503	609	1285	630	553	1042	1317	1215	689	899	(-127)	1561	864	1238	1019	238	1458	1391	1035	1195	1001	1370	455	(-56)	2216	1268	1033	417	1472	809	465	29,064
1958	809	1308	1419	940	1271	1190	791	1164	1547	951	1404	3044	2870	2586	1169	1251	1932	1401	1286	1009	1382	1356	1401	998	1312	1203	1269	1094	1039	690	901	41,987
1959	871	1051	725	1083	916	495	273	713	548	704	892	844	838	1003	571	829	735	862	931	897	593	685	623	1058	1251	972	814	716	717	353	694	24,257
1960	986	617	1099	1012	840	1310	397	(-309)	671	616	722	679	734	845	924	713	742	1054	1221	995	493	751	892	632	951	955	558	871	860	418	734	23,983
1961	832	1033	874	1052	1024	647	597	597	853	418	701	386	849	706	952	929	813	980	705	1199	818	1295	789	966	1017	752	678	708	833	1044	889	25,936
1962	1027	1132	1674	1987	1547	1338	1057	1415	1034	1168	826	737	806	902	1564	1156	1029	1149	1207	939	1127	994	1234	800	295	414	706	736	976	1145	838	32,959
1963	715	815	774	635	870	495	1073	893	1024	746	999	1034	576	789	985	854	961	862	1124	869	768	763	724	648	687	867	836	840	963	802	595	25,586
1964	1168	1687	1680	1361	1039	949	819	734	816	1226	1288	1034	754	880	1116	989	597	592	651	760	1046	2152	18378	27294	19240	11963	8143	6823	5706	4580	3940	129,405
1965	714	767	1091	1178	976	1193	963	665	749	971	1481	906	941	582	819	766	746	747	501	407	546	576	889	815	1030	924	829	1184	803	879	707	26,345
1966	842	804	784	1012	1147	955	912	679	1156	656	671	1049	666	1088	1283	795	444	670	998	573	1117	553	642	633	605	704	498	368	551	1074	630	24,559

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 70 YEAR PERIOD, 1895 TO 1964, INCLUSIVE

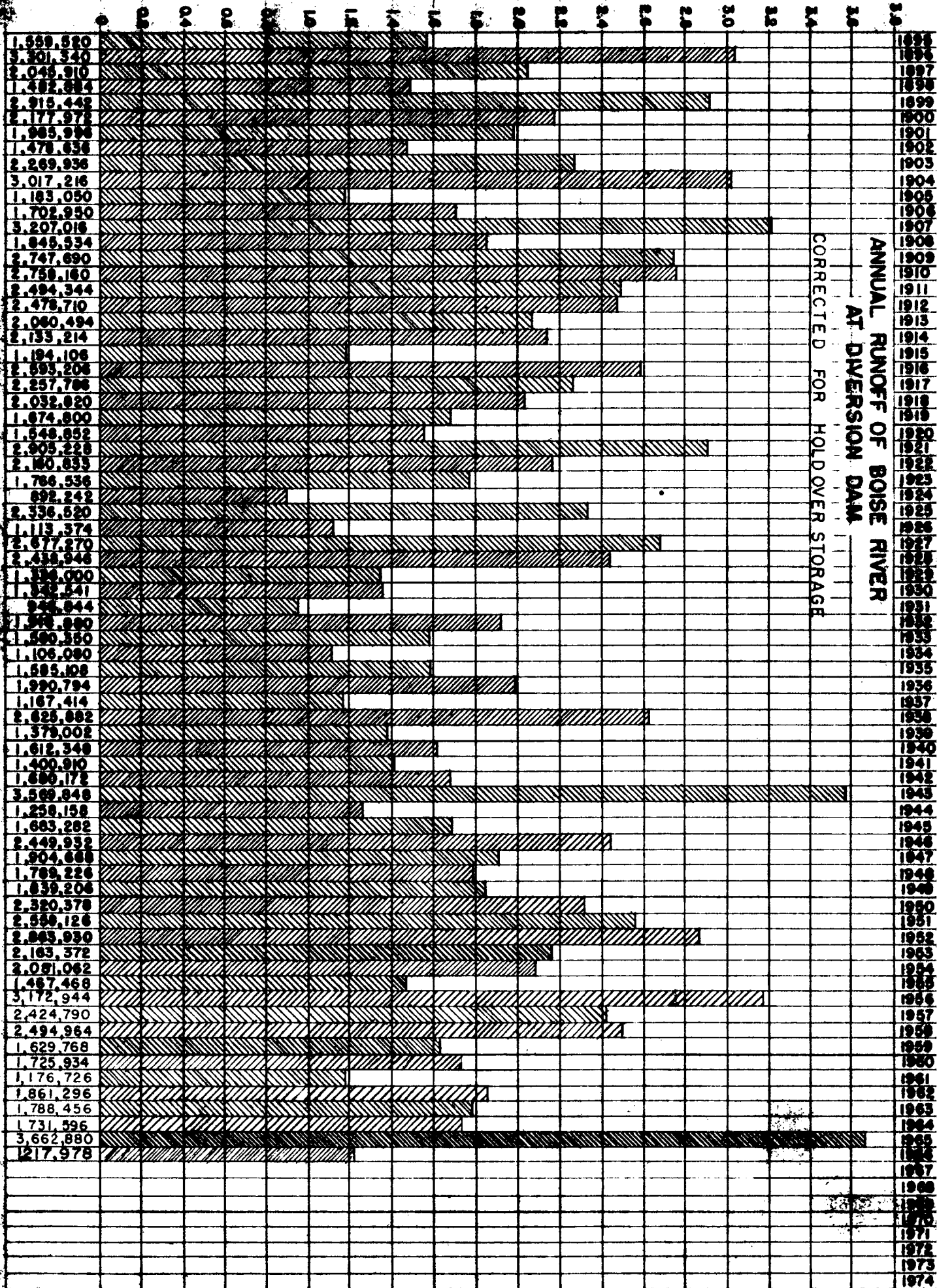
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1123	1069	1588	3625	7039	8406	4213	1217	755	759	903	1126
2.	1087	1157	1590	3354	7157	8329	4063	1175	760	805	933	1160
3.	1107	1164	1618	3963	7238	8280	3907	1153	760	826	978	1129
4.	1058	1223	1601	4111	7466	8228	3757	1127	737	820	925	1145
5.	1038	1276	1649	4216	7588	8886	3616	1088	740	817	944	1069
6.	1030	1257	1683	4365	7790	7999	3415	1061	736	811	945	1049
7.	1040	1249	1684	4573	8094	8037	3299	1033	735	843	943	1020
8.	1034	1248	1791	4713	8139	8083	3169	1013	711	859	948	995
9.	1017	1353	1905	4823	8291	7990	3047	982	724	856	956	999
10.	1023	1306	1885	5106	8381	7922	2877	949	739	865	980	974
11.	1020	1257	1876	5302	8906	7642	2729	935	743	873	999	1033
12.	996	1243	1942	5513	8296	7620	2649	935	739	868	971	1181
13.	985	1264	1977	5918	8324	7609	2509	904	731	881	941	1137
14.	1017	1266	1988	6307	8525	7532	2390	901	785	880	970	1125
15.	1070	1271	2031	6548	8502	7338	2282	882	774	893	961	1045
16.	1111	1298	2162	6816	8499	7308	2175	857	776	893	1046	1014
17.	1105	1312	2123	6832	8493	7186	2039	846	773	929	968	1038
18.	1126	1293	2481	7074	8623	6915	1931	834	756	909	989	1009
19.	1121	1286	2565	7871	8568	6577	1847	822	754	900	979	1046
20.	1175	1308	2707	6968	8485	6531	1788	813	767	903	1040	1014
21.	1168	1326	2785	6860	8471	6294	1692	812	772	895	1096	1054
22.	1163	1367	2894	7026	8437	6061	1635	805	749	876	1183	1091
23.	1176	1387	2980	7062	8410	5780	1598	793	766	890	1284	1508
24.	1155	1440	2977	7090	8514	5558	1539	772	763	893	1226	1701
25.	1191	1434	3048	7102	8625	5282	1515	762	765	892	1186	1447
26.	1154	1446	3110	7239	8729	5079	1442	751	751	892	1153	1259
27.	1131	1524	3214	7371	8738	5141	1389	740	773	909	1116	1195
28.	1093	1570	3267	7339	8560	4742	1372	742	764	925	1050	1185
29.	1078	1378	3440	7273	8461	4568	1322	738	757	923	1046	1236
30.	1050		3486	7147	8329	4399	1307	736	762	908	1075	1188
31.	1078		3519		8496		1249	743		913		1151

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	INSTANTANIOUS HIGH DURING THE DAY
1895-1896	3,301,340	JUNE	1,464,280	JUNE 14 (APRIL 10-99)	35,500 19,000	
1898-1899	2,915,442	JUNE	731,400	JUNE 20 (APRIL 15-04)	18,700 19,700	
1903-1904	3,017,216	MAY	828,600	MAY 23 (APRIL 15-07)	18,700 17,000	
1906-1907	3,207,016	MAY	683,520	MAY 19	13,400	
1908-1909	2,747,690	JUNE	655,220	JUNE 5 & 6 (MARCH 22-10)	16,000 16,600	
1909-1910	2,738,160	APRIL	609,980	APRIL 12	12,000	
1920-1921	2,905,228	MAY	824,032	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	3,173,866	MAY	841,354	MAY 25	22,949	
1964-1965	3,662,880	MAY	836,232	DECEMBER 24	27,294	44,000

RUNOFF IN MILLIONS OF ACRE- FEET



ANNUAL RUNOFF OF BOISE RIVER
AT DIVERSION DAM
CORRECTED FOR HOLD OVER STORAGE

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

CHART NO. 4

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	152380	63620	58000	1,559,520	
1895-96	57040	54980	50988	73440	67660	137360	293040	555380	1464280	385520	81960	57500	3,301,340	
1896-97	54220	61300(3)	64600	50520	55240	87960	476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,910	
1897-98	63440	64100	61300(7)	34100	67200	119280	251900	320280	299360	116848	45708	39168	1,482,884	(1) MEAN OF 4 HIGH YEARS
1898-99	53262	56240	151640	160600	79640	113900	425740	608020	731400	356160	109940	68900	2,915,442	
1899-1900	83664	90000	97000	125420	96440	305220	380020	510720	300640	84156	53496	51196	2,177,972	(2) SUBSTITUTED FROM 1906
1900-01	63570	61880	65060	79440	98340	179320	305940	626460	287420	116400	52222	49944	1,985,996	(3) SUBSTITUTED FROM 1900
1901-02	56464	55892	76400	61300	90440	88920	211470	353460	287160	106720	49496	40914	1,478,636	
1902-03	45630	54498	63474	81760	63570	143360	448220	520620	601880	147580	53000	46344	2,269,936	(4) MISSING DAYS SUBSTITUTED FROM 1900
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	671840	828600	521060	201920	71972	43830	3,017,216	
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	229820	247660	78860	39870	34660	1,183,050	(5) MISSING DAYS SUBSTITUTED FROM 21 YEAR MEAN
1905-06	42980	41010	48410	50810	57240	101100	337920	428100	346980	162900	52410	41090	1,702,950	
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673380	685520	334560	335640	101600	62066	3,207,016	(6) MISSING MONTHS SUBSTITUTED FROM 21 YEAR MEAN
1907-08	57890	55978	63300	67230	63282	141130	382540	570360	324880	198300	64920	55524	1,845,534	
1908-09	68440	59280	58000	138160	110680	232840	472120	605240	655220	226800	63690	57220	2,747,690	
1909-10	63140	200560	124760	79900	66600	566900	609980	513360	310360	110040	55970	56390	2,758,160	(7) INTERPOLATED
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740860	233040	74906	59728	2,494,344	(8) AVERAGE OF 5 SHORT WATER YEARS
1911-12	66570	66700	63520	78420	76120	99580	342620	684180	677560	179980	83380	66080	2,478,710	
1912-13	66960	67820	60680	53800	51400	101800	374960	573740	413420	158660	82964	54290	2,060,494	
1913-14	63524	80180	61380	71196	74968	216040	469040	553660	307700	124130	58742	52654	2,133,214	
1914-15	69680	58568	44800	59580	59726	94782	176564	274130	191900	89978	40926	39672	1,194,106	
1915-16	48410	45626	53346	49930	63262	197486	555062	563720	594764	293818	80102	53680	2,593,206	
1916-17	59106	54016	53702	47628	47694	61740	267082	654106	643322	260216	65224	49930	2,257,786	
1917-18	46004	49306	128592	113818	77754	181342	346040	409934	461268	112120	56300	49922	2,032,820	
1918-19	64492	56578	49118	50532	52844	114916	393854	509192	240872	69736	36404	34262	1,674,800	
1919-20	47968	56548	52610	66528	66774	89234	189044	449730	333468	117328	40586	39034	1,348,852	
1920-21	59966	75678	67106	112422	94098	271472	394484	824032	718728	175390	63068	48784	2,905,228	
1921-22	55492	39088	44979	60982	53180	113692	319642	552674	659854	148066	65210	47974	2,160,833	
1922-23	52172	48886	52372	62100	50860	92700	273726	454010	376208	192504	67552	42946	1,766,536	
1923-24	61392	52930	51286	48954	72446	63530	136430	243200	76792	35296	24426	25320	892,242	
1924-25	39218	53862	42912	48416	129386	192378	501862	700486	367370	152598	60730	47302	2,336,520	
1925-26	58400	51394	63522	48414	64264	140448	232672	247704	105072	41132	30872	29480	1,113,374	
1926-27	54882	67640	84790	63200	104630	188084	378928	665294	725602	233700	74786	55734	2,677,270	
1927-28	69014	144162	97842	90008	79334	272846	316812	852194	305656	118292	51462	41304	2,438,946	
1928-29	49852	50792	46212	45514	49720	101904	179094	359418	285896	98288	36822	32488	1,336,000	
1929-30	39356	36848	69543	44774	64388	103616	274178	295246	257382	79234	43256	34720	1,342,541	

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

CHART NO. 4

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1930-31	54512	45418	44108	44814	45298	91246	177172	251538	118844	34042	23952	23940	946,884
1931-32	31424	31224	36376	38612	36754	135826	336006	564176	458224	154044	57524	42730	1,922,920
1932-33	39142	56478	40596	43926	41136	64474	239342	341610	538198	106458	43964	32200	1,587,524
1933-34	41684	47684	55656	79680	78948	151696	249648	204008	85624	36200	23570	26072	1,080,470
1934-35	37226	49444	51208	52256	54336	83150	299458	428528	363262	98220	38058	29980	1,585,126
1935-36	33616	38268	37352	44612	47356	100060	577594	625906	319284	79080	43354	38360	1,984,842
1936-37	39772	36600	41556	37568	41728	89870	207358	381192	178996	59986	25948	25746	1,166,320
1937-38	36226	49828	115760	67492	71566	191026	505100	711314	558138	201292	71190	46910	2,625,842
1938-39	60626	67394	60980	52236	47170	164294	328918	341836	136300	60358	28454	30436	1,379,002
1939-40	40474	38998	49268	53858	75724	201512	355842	434480	227258	64910	30808	39548	1,612,680
1940-41	53168	59764	56634	54260	65368	113448	188300	365336	266776	85452	54496	41720	1,404,722
1941-42	48600	63200	106838	62182	63162	87804	341622	325576	362374	199112	46790	35496	1,682,756
1942-43	42564	64068	81782	153190	116564	235138	1006532	722804	627754	359598	100484	53192	3,565,670
1943-44	61802	70704	55768	49412	52610	68094	164000	303208	247726	106326	43264	35352	1,258,266
1944-45	40828	52200	42902	56270	80124	99160	202368	473146	405996	139040	51630	39020	1,682,684
1945-46	45822	53670	74712	79530	65808	218604	639804	651660	378822	125920	56618	45272	2,436,242
1946-47	67394	72214	109392	60364	87278	181276	289400	545764	297240	110646	46168	38466	1,905,602
1947-48	56244	57582	55404	65522	60480	73396	264424	505792	459706	109372	44612	36580	1,789,114
1948-49	44642	53918	51094	49038	45314	146834	416548	571670	304424	93542	41120	31176	1,849,320
1949-50	49284	57162	51500	63202	75010	154776	402618	563086	548282	239398	76620	48176	2,329,114
1950-51	61640	84448	88986	69948	125878	125072	556968	684894	440580	195068	70970	42530	2,547,002
1951-52	79304	63432	86830	68642	77070	103020	677890	901634	518282	171498	68760	49854	2,866,216
1952-53	52108	48642	54646	100936	88486	126730	329366	403582	588956	254470	73246	48328	2,169,496
1953-54	44870	59728	57732	64266	92288	149836	381720	597550	339666	179018	66360	41668	2,074,702
1954-55	49332	50178	46140	46716	40444	55940	129832	397270	419360	131738	56754	40794	1,464,498
1955-56	51704	68686	205818	147212	104470	228258	636502	841354	582588	188844	62734	55716	3,173,886
1956-57	66612	62464	69508	52448	92880	194092	361256	753940	518012	148306	51944	53366	2,424,828
1957-58	54116	52148	58128	53682	121836	124694	323778	946374	501566	142466	61766	54424	2,494,978
1958-59	51842	63796	83974	76466	69702	92542	276734	331594	362156	104896	48432	67634	1,629,768
1959-60	86908	60852	48514	51664	64890	172830	358988	374362	333350	81574	45758	46244	1,725,934
1960-61	47044	53842	47966	42454	58830	91230	172064	298818	229386	56820	40060	38212	1,176,726
1961-62	52150	51660	51872	54554	78326	83072	407856	406458	425398	142912	57452	49586	1,861,296
1962-63	71052	65014	65918	43612	147124	91904	180298	452916	411904	148768	53310	56736	1,788,556
1963-64	53040	66998	51172	52170	53860	71218	262166	457280	407856	152946	50092	52798	1,731,596
1964-65	47408	54288	258810	160396	182606	185530	624180	836232	778888	338964	118326	77252	3,662,880
1965-66	65450	61218	52690	63168	47170	97960	248302	327154	178048	54000	39052	37766	1,271,978

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 5

BY DAYS DURING THE IRRIGATION SEASON OF 1966, INCLUDING STORAGE

MAY

NAME OF CANAL	1	2	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
BALLENTYNE	21	22	23	23	23	24	24	24	25	25	25	20	20	20	19	19	19	19	20	20	21	21	22	22	21	20	19	19	18	17	16	651
BOISE CITY	37	32	36	36	36	35	35	34	34	34	34	32	32	31	30	29	28	30	30	30	31	31	32	32	32	32	32	32	32	32	32	1005
BOISE VALLEY	49	48	48	49	49	49	51	51	51	51	51	50	50	49	48	48	49	49	49	47	47	47	47	47	48	48	48	49	49	49	50	1515
BUBB	14	14	14	15	15	15	16	16	16	16	16	16	15	15	15	15	17	19	21	23	25	27	28	28	27	27	26	26	25	25	25	612
CALDWELL HIGH LINE	72	75	81	71	77	74	81	76	72	78	56	56	54	54	53	58	67	50	55	57	59	62	64	63	62	61	57	60	64	56	59	1984
CAMPBELL	40	41	42	43	44	45	45	46	47	48	49	48	47	46	45	45	44	43	43	43	42	42	42	41	41	40	38	37	35	34	32	1318
CANYON COUNTY	73	74	74	73	72	71	71	70	70	69	71	74	77	80	83	85	88	87	86	86	85	85	84	83	83	83	83	82	82	82	82	2448
DAVIS DITCH	13	13	13	14	14	14	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	0	0	15	14	14	13	13	12	12	402
EAGLE ISLAND CANALS	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	1457
EUREKA #1	32	35	29	31	33	32	32	33	33	33	33	31	30	31	33	30	30	30	31	27	31	33	33	34	34	35	35	36	35	36	36	1007
EUREKA #2	115	114	114	113	118	123	139	135	140	145	150	148	146	144	142	140	138	136	135	134	134	133	133	132	131	132	133	134	135	136	137	4139
FARMERS UNION	210	218	224	223	223	224	225	225	225	224	222	222	221	208	208	203	215	215	217	219	225	225	222	222	220	220	224	224	224	226	223	6826
LITTLE PIONEER	31	31	31	32	33	34	35	36	37	38	30	31	32	33	34	35	36	35	34	33	33	32	31	30	32	34	36	38	40	41	42	1060
LOWER CENTER POINT	40	38	37	36	38	40	42	44	46	49	51	49	48	46	44	42	40	39	39	39	38	38	38	37	37	37	36	36	36	35	1252	
MIDDLETON CANALS	163	163	163	165	167	169	171	174	176	178	178	178	178	179	179	179	179	179	180	180	180	181	181	181	181	181	181	182	182	182	182	5472
MISCELLANEOUS	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	29	29	29	29	29	29	29	29	29	29	29	29	880
NEW DRY CREEK	69	68	68	70	68	67	69	69	65	62	68	70	70	67	61	57	64	66	66	70	70	70	70	70	70	70	67	67	67	64	64	2083
NEW UNION	13	12	12	13	13	13	14	14	14	13	13	12	12	11	10	10	10	10	10	11	11	11	11	12	12	13	13	14	14	15	15	381
NEW YORK CANAL	2225	2230	2240	2296	2296	2331	2373	2363	2363	2331	2296	2250	2567	2584	2546	2551	2612	2713	2741	2858	2858	2864	2853	2864	2864	2864	2825	2825	2814	2814	2814	80025
PENITENTIARY	9	6	6	7	8	3	3	2	2	4	8	8	8	8	8	9	9	9	9	9	9	10	10	10	10	10	12	12	11	8	9	246
PHYLLIS	474	469	481	475	499	500	500	501	499	505	505	485	484	461	461	420	404	379	385	385	407	425	427	435	432	449	447	444	445	446	446	14075
PIONEER DIXIE	79	80	81	82	82	81	81	81	80	80	80	79	78	77	76	74	73	72	72	71	71	70	70	69	69	65	60	55	50	45	40	2229
RIDENBAUGH	540	536	544	547	548	549	555	552	553	554	551	553	557	549	554	556	558	556	557	556	547	549	543	546	552	552	550	552	552	550	552	17070
RIVERSIDE	165	168	172	176	173	171	168	166	165	162	159	159	159	159	159	159	159	158	158	158	157	158	157	157	157	160	169	166	170	173	176	5067
ROSSI MILL	10	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	11	11	11	12	12	12	12	11	11	10	10	9	9	8	8	306
SEBREE (FARMERS CO-OP)	279	291	293	321	293	291	291	291	289	289	317	299	299	299	307	307	307	288	309	319	321	324	325	327	329	333	333	332	332	330	329	9596
SETTLERS	188	185	188	189	189	190	190	192	193	193	193	190	190	190	190	189	190	190	190	190	190	189	189	189	189	188	188	188	188	188	187	5872
SIEBENBERG	22	25	27	29	27	25	23	20	18	16	14	14	15	15	15	16	16	16	16	15	14	14	13	12	12	12	12	13	13	13	14	526
THURMAN MILL	26	26	26	26	26	27	27	27	27	27	26	26	26	25	25	25	26	28	30	32	33	35	36	36	36	36	36	37	37	37	37	930
UPPER CENTER POINT	25	25	24	23	22	22	21	20	20	19	19	19	18	18	17	17	16	16	17	18	19	19	20	21	22	21	20	19	18	17	16	608
TOTAL CANAL DIVERSIONS	5109	5123	5175	5262	5270	5303	5381	5361	5359	5342	5313	5217	5532	5498	5461	5417	5494	5532	5600	5732	5760	5797	5769	5787	5805	5825	5773	5777	5766	5748	5746	171096
RIVER AT NOTUS	398	429	254	151	135	84	44	56	129	193	248	361	411	473	680	769	641	544	473	404	271	306	442	461	398	324	300	361	461	556	589	11346
TOTALS	5507	5552	5429	5413	5405	5387	5425	5417	5488	5535	5561	5578	5943	5971	6141	6186	6135	6076	6073	6136	6031	6103	6211	6248	6203	6149	6073	6138	6227	6304	6335	182382

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 5

BY DAYS DURING THE IRRIGATION SEASON OF 1966, INCLUDING STORAGE

JUNE

NAME OF CANAL	1	2	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
BALLENTYNE	15	18	18	18	18	18	18	18	18	18	17	17	17	17	18	19	20	20	21	22	15	15	15	15	15	15	15	15	15	15	15	515
BOISE CITY	33	32	32	33	33	32	34	31	33	34	32	34	32	33	33	34	34	34	32	28	34	34	34	36	36	36	33	36	36	36	1004	
BOISE VALLEY	49	49	49	49	49	49	47	49	49	49	49	50	50	49	49	47	47	47	47	49	47	47	47	47	47	48	48	48	48	48	1447	
BUBB	24	24	23	22	22	21	20	20	19	19	18	17	16	16	16	16	17	17	17	17	17	16	16	16	15	15	15	14	14	13	532	
CALDWELL HIGH LINE	63	59	56	54	51	61	59	44	46	41	50	48	46	44	44	44	54	50	46	48	43	53	62	79	70	76	83	52	67	63	1656	
CAMPBELL	31	29	27	25	23	20	18	16	18	20	22	24	25	27	29	30	31	32	33	35	37	38	37	36	35	33	32	31	30	29	853	
CANYON COUNTY	82	83	84	85	86	87	88	87	87	86	86	85	84	84	83	83	82	82	81	81	80	78	76	75	73	72	70	69	69	69	2417	
DAVIS DITCH	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	12	12	12	12	12	12	12	13	13	13	13	13	13	12	359	
EAGLE ISLAND CANALS	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	1410	
EUREKA #1	35	35	35	30	30	28	30	28	29	28	34	30	30	30	29	27	31	30	30	36	36	30	30	30	29	29	30	30	30	28	917	
EUREKA #2	138	139	136	133	129	126	123	120	120	120	120	119	119	119	119	121	123	125	128	130	132	134	131	127	123	120	117	114	111	110	3726	
FARMERS UNION	201	202	202	202	192	190	0	192	192	176	175	174	173	176	198	212	226	219	0	0	222	224	223	222	220	217	216	217	217	218	5498	
LITTLE PIONEER	44	45	42	41	40	39	33	29	29	29	29	29	29	34	29	28	28	29	28	0	43	44	44	45	45	46	47	47	46	45	1086	
LOWER CENTER POINT	35	35	36	37	38	39	40	42	42	42	42	42	42	42	0	46	46	46	46	46	46	46	46	45	45	45	44	44	44	45	1234	
MIDDLETON CANALS	182	183	184	186	188	190	191	190	188	186	184	182	180	178	177	177	176	176	175	174	174	173	172	171	170	170	169	168	165	163	5342	
MISCELLANEOUS	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27	27	27	27	27	27	828	
NEW DRY CREEK	62	59	60	61	64	63	64	64	70	72	69	61	61	59	65	68	75	75	74	73	74	75	78	78	80	65	66	77	76	72	2060	
NEW UNION	14	13	13	12	12	11	11	11	11	12	12	12	12	13	13	14	15	15	16	16	16	16	16	16	16	16	16	16	16	16	418	
NEW YORK CANAL	2819	2825	2763	2651	2640	2640	2640	2601	2646	2780	2825	2763	2780	2836	2838	2892	2752	2752	2752	2746	2853	2847	2847	2802	2791	2786	2786	2786	2797	2797	83053	
PENITENTIARY	9	9	9	9	2	5	5	5	8	11	11	13	13	13	13	13	13	13	13	13	13	13	12	12	12	11	11	11	12	314		
PHYLLIS	403	402	383	367	367	365	366	367	364	379	373	375	375	372	376	378	376	377	396	390	408	436	436	438	397	380	380	407	416	416	11665	
PIONEER DIXIE	36	31	38	45	52	59	65	71	71	70	70	70	69	69	69	69	68	68	67	67	66	66	66	65	64	64	63	62	62	58	1860	
RIDENBAUGH	554	557	551	545	550	542	546	550	549	542	541	542	539	536	546	542	534	527	523	514	522	532	536	543	553	558	560	560	561	561	16316	
RIVERSIDE	178	182	175	167	160	153	146	140	140	141	141	140	141	141	141	143	146	148	151	153	156	158	157	157	157	155	154	153	152	158	4584	
ROSSI MILL	8	8	8	8	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	298	
SEBREE (FARMERS CO-OP)	327	299	309	309	311	311	311	311	311	311	327	327	327	327	325	346	347	350	353	354	357	365	359	359	338	338	353	359	365	366	10052	
SETTLERS	186	185	183	181	179	177	179	183	184	186	176	168	166	174	177	182	182	182	183	183	183	183	186	186	190	190	191	189	167	166	5427	
SIEBENBERG	14	14	15	17	19	21	23	24	22	20	18	15	13	11	9	9	9	9	10	10	10	10	10	11	11	11	12	12	12	14	415	
THURMAN MILL	37	38	38	38	39	39	39	38	37	36	36	35	35	34	34	33	33	32	31	31	32	33	34	35	36	37	38	38	38	38	1072	
UPPER CENTER POINT	15	14	17	20	23	25	28	31	30	29	28	26	24	22	21	21	21	21	21	21	21	21	22	23	23	24	24	25	26	26	693	
TOTAL CANAL DIVERSIONS	5681	5656	5573	5426	5413	5407	5220	5338	5410	5533	5581	5494	5494	5552	5567	5690	5583	5573	5370	5333	5734	5784	5790	5767	5689	5656	5671	5678	5689	5679	167051	
RIVER AT NOTUS	826	870	834	819	819	812	791	674	648	721	680	674	654	570	454	288	213	162	151	189	170	208	242	398	480	512	442	337	208	162	15008	
TOTALS	6507	6526	6407	6245	6232	6219	6011	6032	6058	6254	6261	6168	6148	6122	6021	5978	5796	5735	5521	5522	5904	5992	6032	6165	6169	6168	6113	6015	5897	5841	182059	

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 5

BY DAYS DURING THE IRRIGATION SEASON OF 1966, INCLUDING STORAGE

JULY

NAME OF CANAL	1	2	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
BALLENTYNE	16	16	16	17	17	17	16	15	14	13	12	11	11	11	11	12	12	12	12	12	0	0	0	0	0	6	8	10	12	14	16	339
BOISE CITY	36	37	36	36	34	36	36	36	35	35	31	20	28	25	25	26	26	26	25	25	26	26	25	26	29	30	27	28	28	29	30	918
BOISE VALLEY	47	47	47	47	47	41	43	43	43	43	43	41	41	40	40	40	39	39	39	39	39	28	28	28	37	37	37	37	37	36	36	1229
BUBB	13	12	12	11	11	13	14	16	18	19	21	21	11	11	11	11	11	11	0	0	0	0	0	0	14	15	16	17	19	20	21	369
CALDWELL HIGH LINE	61	61	57	60	61	57	54	54	53	56	60	56	54	52	51	51	50	50	38	36	22	18	19	17	18	16	15	26	28	26	24	1301
CAMPBELL	28	27	26	25	24	23	22	24	26	28	29	30	32	31	31	30	29	29	28	28	27	27	26	25	25	24	24	24	24	24	23	823
CANYON COUNTY	70	70	70	71	71	71	71	71	71	70	70	70	71	72	73	73	74	75	76	73	69	66	63	60	57	54	55	56	58	59	61	2091
DAVIS DITCH	12	12	11	11	11	11	11	11	12	12	12	12	13	13	13	14	14	14	14	13	13	13	12	12	12	12	12	11	11	11	377	
EAGLE ISLAND CANALS	47	47	47	35	35	35	35	35	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	960
EUREKA #1	39	30	38	36	35	26	24	22	28	27	27	24	15	21	21	22	28	26	27	30	29	30	29	28	33	30	30	31	32	32	30	880
EUREKA #2	110	109	109	108	108	107	106	107	108	109	110	112	113	114	115	116	118	119	120	121	120	119	117	115	113	111	110	110	110	110	111	3485
FARMERS UNION	220	220	221	222	223	220	203	199	196	192	180	181	181	177	178	178	180	177	175	152	151	152	151	150	149	156	157	160	162	165	167	5595
LITTLE PIONEER	29	29	22	19	18	24	25	25	26	26	39	42	41	40	26	26	25	20	25	24	25	24	24	24	24	31	33	32	30	29	27	854
LOWER CENTER POINT	46	46	47	48	48	49	50	49	47	45	44	42	40	41	42	43	43	44	45	46	46	45	45	45	44	44	44	44	44	44	45	1395
MIDDLETON CANALS	160	158	155	153	150	147	148	149	149	150	150	151	148	145	142	139	136	133	130	132	134	137	140	143	146	148	144	141	138	135	132	4463
MISCELLANEOUS	26	26	26	26	26	26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	781
NEW DRY CREEK	73	72	72	75	73	74	76	75	61	59	68	68	69	69	57	55	55	47	47	48	33	34	32	33	36	34	36	36	35	42	36	1680
NEW UNION	16	16	16	16	16	16	16	16	17	17	17	16	15	15	14	14	13	12	12	12	12	13	13	13	13	13	14	14	14	15	15	451
NEW YORK CANAL	2842	2853	2842	2842	2842	2847	2741	2735	2752	2758	2758	2707	2707	2713	2713	2707	2702	2690	2657	2668	2606	2567	2540	2519	2519	2519	2519	2519	2551	2555	2540	83010
PENITENTIARY	12	12	12	12	12	13	12	5	6	6	5	5	7	7	7	7	7	7	7	5	4	6	6	6	3	6	6	8	8	8	8	235
PHYLLIS	405	410	399	396	397	438	438	440	456	457	437	444	449	435	412	415	409	411	400	389	373	372	374	374	405	417	391	390	389	393	396	12711
PIONEER DIXIE	54	49	44	40	36	32	28	32	36	40	43	46	50	53	56	59	63	66	69	72	71	70	69	68	67	66	65	59	54	49	43	1649
RIDENBAUGH	538	525	528	523	521	513	516	507	497	494	495	496	498	497	498	501	500	493	501	497	495	493	489	487	470	479	480	479	480	480	482	15452
RIVERSIDE	164	171	178	185	191	197	203	195	187	179	172	165	157	155	153	150	147	144	142	139	139	139	140	140	141	141	141	143	144	146	148	4936
ROSSI MILL	11	11	11	12	12	12	12	12	12	12	12	9	9	9	9	10	10	10	9	7	8	9	9	10	11	11	11	11	11	11	11	324
SEBREE (FARMERS CO-OP)	373	344	376	379	380	381	388	376	375	375	375	380	386	384	381	378	374	370	357	340	341	343	343	358	358	359	346	365	365	365	365	11380
SETTLERS	165	167	167	167	167	165	162	161	159	158	156	157	162	160	162	162	162	163	160	160	138	141	139	136	140	138	140	143	145	147	150	4799
SIEBENBERG	16	18	19	21	22	24	25	23	21	19	17	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	15	491	
THURMAN MILL	38	38	38	38	38	37	37	36	36	35	34	33	32	32	31	31	30	30	30	29	29	28	28	27	27	27	26	26	26	25	25	977
UPPER CENTER POINT	25	25	25	24	24	23	23	23	23	23	23	23	0	27	27	27	27	27	27	27	26	25	23	22	20	18	17	17	18	18	19	696
TOTAL CANAL DIVERSIONS	5692	5658	5667	5655	5650	5675	5560	5517	5517	5510	5493	5430	5406	5415	5365	5363	5350	5311	5238	5190	5042	4991	4950	4932	4977	5008	4970	5004	5040	5035	5040	164651
RIVER AT NOTUS	148	138	129	166	193	222	193	177	126	166	181	208	208	213	222	227	218	248	330	283	283	237	232	213	222	222	193	185	174	151	174	6282
TOTALS	5840	5796	5796	5821	5843	5897	5753	5694	5643	5676	5674	5638	5614	5628	5587	5590	5568	5559	5568	5473	5325	5228	5182	5145	5199	5230	5163	5189	5214	5186	5214	170933

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 5

BY DAYS DURING THE IRRIGATION SEASON OF 1966, INCLUDING STORAGE

AUGUST

NAME OF CANAL	1	2	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
BALLENTYNE	18	19	18	18	17	16	16	15	15	15	14	14	13	13	12	12	12	11	11	10	10	9	9	9	9	8	8	8	7	7	7	380
BOISE CITY	30	30	30	30	29	28	28	29	28	29	29	28	28	29	29	28	28	28	28	28	28	30	28	27	27	27	27	26	29	26	26	875
BOISE VALLEY	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	37	37	37	37	37	37	37	37	37	37	37	36	36	36	36	1127	
BUBB	23	23	15	8	8	8	8	8	8	8	8	9	9	9	9	9	8	8	7	7	6	6	7	8	9	10	12	13	15	14	13	319
CALDWELL HIGH LINE	12	15	14	18	18	18	16	15	16	27	27	28	29	29	26	25	26	33	40	40	39	38	25	21	27	27	31	34	36	21	17	788
CAMPBELL	23	23	23	23	23	24	24	24	25	25	26	27	28	28	29	30	31	30	29	28	27	26	25	24	25	26	27	27	28	29	30	817
CANYON COUNTY	63	64	64	64	64	65	65	65	65	67	69	70	71	73	74	76	74	72	70	69	67	65	63	63	63	63	62	62	62	62	61	2057
DAVIS DITCH	11	11	11	11	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	348
EAGLE ISLAND CANALS	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	868
EUREKA #1	35	33	31	30	28	26	27	28	28	25	25	28	27	27	26	25	16	28	31	33	33	38	29	29	28	38	38	30	29	33	21	903
EUREKA #2	111	111	111	111	111	111	110	110	110	110	112	114	116	119	121	123	125	124	123	123	122	122	121	120	119	118	117	116	114	112	111	3598
FARMERS UNION	168	167	166	165	165	164	164	164	164	164	164	165	169	171	171	163	162	162	161	161	160	158	159	154	159	159	160	160	158	158	158	5049
LITTLE PIONEER	25	24	0	11	12	13	14	15	17	33	34	35	35	36	37	39	25	25	24	23	26	23	27	23	23	23	23	23	28	29	742	
LOWER CENTER POINT	45	45	45	43	41	39	38	36	34	32	32	33	33	34	34	35	35	35	36	36	37	37	38	38	38	38	38	38	38	38	38	1157
MIDDLETON CANALS	129	126	128	130	132	133	134	136	138	139	139	140	140	141	141	142	140	137	135	132	130	127	124	124	125	125	125	126	126	126	123	4093
MISCELLANEOUS	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	21	21	21	679	
NEW DRY CREEK	39	35	36	36	37	37	38	39	44	44	44	51	51	50	40	36	38	38	39	42	42	42	41	40	45	46	45	44	44	44	51	1298
NEW UNION	15	15	14	14	13	13	12	12	13	14	15	16	17	18	19	19	18	18	18	17	17	17	16	15	15	14	14	13	12	12	12	467
NEW YORK CANAL	2540	2546	2540	2546	2529	2540	2519	2529	2540	2529	2524	2493	2503	2508	2503	2430	2435	2430	2451	2456	2378	2383	2383	2290	2235	2210	2205	2205	2160	2115		74860
PENITENTIARY	9	9	6	7	7	7	7	9	9	10	7	7	7	7	7	4	7	7	4	4	2	5	7	7	7	7	5	7	7	8	210	
PHYLLIS	407	433	435	440	438	434	453	448	453	447	408	407	410	411	412	392	402	370	366	362	364	357	338	338	339	359	359	367	368	348	347	12212
PIONEER DIXIE	37	32	27	34	41	47	53	59	66	73	73	72	72	72	71	71	71	71	70	70	69	69	68	68	68	67	67	66	66	65	65	1920
RIDENBAUGH	482	481	477	490	414	414	412	409	411	411	412	410	408	407	406	408	408	409	407	407	406	400	402	401	398	398	396	394	390	394	395	12797
RIVERSIDE	150	151	152	147	142	138	134	131	127	123	123	125	125	125	127	127	127	127	128	128	128	128	129	129	129	130	130	132	132	133	133	4090
ROSSI MILL	11	11	11	11	12	12	12	12	11	10	9	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	7	7	7	7	253
SEBREE (FARMERS CO-OP)	365	365	357	368	372	376	380	384	387	395	382	380	378	374	372	375	373	373	373	367	368	368	363	363	359	354	349	329	324	317	302	11292
SETTLERS	149	152	152	152	153	153	154	154	153	154	152	152	151	151	150	150	149	147	148	147	146	144	145	143	144	142	141	139	140	137	138	4582
SIEBENBERG	15	16	16	15	14	13	12	11	10	9	9	10	10	10	11	11	11	11	10	10	10	9	9	9	9	10	12	12	13	14	14	355
THURMAN MILL	25	25	25	25	24	24	24	24	25	26	26	27	27	28	29	29	29	29	29	28	28	28	28	28	28	28	28	28	28	27	27	839
UPPER CENTER POINT	19	20	20	20	19	19	19	18	18	18	18	18	18	19	19	19	19	19	19	19	20	20	20	20	21	22	22	23	23	24	24	616
TOTAL CANAL DIVERSIONS	5042	5068	5010	4993	4961	4970	4971	4982	5013	5035	4979	4963	4979	4993	4979	4883	4874	4847	4860	4851	4767	4753	4708	4595	4553	4553	4546	4524	4520	4499	4362	149573
RIVER AT NOTUS	198	222	242	208	181	189	185	213	189	170	170	148	151	148	208	203	189	177	170	151	154	177	162	154	151	145	148	181	232	312	367	5895
TOTALS	5240	5290	5252	5201	5142	5159	5156	5195	5202	5205	5149	5111	5130	5141	5187	5086	5063	5024	5030	5002	4921	4930	4870	4749	4704	4698	4694	4705	4752	4751	4729	155468

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 5

BY DAYS DURING THE IRRIGATION SEASON OF 1966, INCLUDING STORAGE

SEPTEMBER

NAME OF CANAL	1	2	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
BALLENTYNE	7	7	7	6	6	6	6	6	7	7	8	8	8	7	7	7	6	6	5	5	6	7	7	8	8	9	9	9	9	8		212
BOISE CITY	26	25	25	24	24	26	23	23	23	22	21	24	20	21	20	16	16	16	16	16	16	16	16	20	21	21	21	20	21	21		620
BOISE VALLEY	36	36	36	36	35	35	35	36	36	36	36	37	37	38	29	30	30	30	31	30	31	31	31	30	30	30	30	30	30	30		988
BUBB	12	10	9	7	6	5	5	6	6	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	8	8	8		241
CALDWELL HIGH LINE	12	12	12	12	18	23	22	21	21	21	7	12	18	19	15	20	22	23	17	17	16	18	30	31	23	6	8	5	6	8		495
CAMPBELL	29	28	27	26	25	24	23	22	21	21	20	20	19	19	18	18	17	16	16	15	15	14	13	12	12	11	10	9	9	9		538
CANYON COUNTY	60	59	57	55	53	51	50	51	52	54	56	57	58	55	52	49	47	44	41	38	40	42	44	46	49	51	53	53	53	53		1529
DAVIS DITCH	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10		316
EAGLE ISLAND CANALS	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28		840
EUREKA #1	21	22	21	22	22	24	24	26	25	24	25	23	22	15	13	9	11	13	11	14	12	10	9	18	22	22	22	20	22	19		563
EUREKA #2	111	111	111	111	112	112	112	112	108	104	101	98	94	90	87	83	80	77	74	72	74	74	74	74	73	73	73	73	71	69		2688
FARMERS UNION	116	116	116	114	115	115	115	114	114	116	116	120	120	119	128	0	0	0	0	0	0	0	127	128	129	131	131	132	132	132		2796
LITTLE PIONEER	23	23	24	24	24	24	30	24	22	23	23	23	24	21	20	21	21	21	20	24	16	16	15	15	13	13	12	14	13	14		600
LOWER CENTER POINT	36	35	33	32	30	29	27	26	25	25	24	24	23	23	23	22	22	21	21	20	20	19	18	18	17	17	16	15	14	14		689
MIDDLETON CANALS	119	115	112	108	104	100	97	97	97	97	98	98	98	97	96	95	95	94	93	92	92	91	91	91	90	90	90	90	90	90		2907
MISCELLANEOUS	22	22	22	22	22	22	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21		641
NEW DRY CREEK	55	55	56	55	55	51	39	39	39	39	40	36	40	40	40	40	44	44	38	42	42	42	42	42	42	37	38	37	35	34		1278
NEW UNION	12	12	11	11	11	11	11	11	11	12	12	12	12	11	11	11	10	10	10	10	11	11	11	12	12	12	12	12	12	12		339
NEW YORK CANAL	2011	1949	1901	1815	1820	1754	1754	1754	1695	1662	1589	1558	1512	1512	1467	1467	1312	1159	1155	1141	1141	1144	1159	1198	1216	1242	1242	1242	1202	1116		43889
PENITENTIARY	6	4	4	3	3	5	6	6	2	1	9	1	1	1	1	1	1	1	1	2	2	4	4	4	2	0	1	2	2	2		75
PHYLLIS	318	317	295	295	295	296	295	325	321	296	294	277	247	224	212	196	194	202	190	198	195	191	194	218	230	228	228	213	218	211		7413
PIONEER DIXIE	65	65	65	65	66	66	66	66	65	64	62	60	58	57	58	59	59	60	60	61	61	62	63	64	65	65	66	67	66	65		1891
RIDENBAUGH	399	397	395	398	402	401	400	398	398	383	391	392	397	395	391	385	375	355	353	359	358	358	361	366	365	372	364	366	0	0		10674
RIVERSIDE	132	131	130	129	128	127	126	125	124	123	123	123	123	122	120	117	115	112	110	107	106	106	106	106	107	109	110	110	109	108		3524
ROSSI MILL	7	8	8	8	8	8	8	7	7	6	6	5	5	4	4	3	3	2	2	2	3	3	4	4	5	5	5	5	5	5		155
SEBREE (FARMERS CO-OP)	311	311	311	311	309	309	309	277	309	309	299	299	299	270	299	299	289	291	291	279	279	267	267	267	279	279	279	275	269	269		8705
SETTLERS	137	127	126	130	133	134	136	135	134	127	127	127	125	114	106	104	96	93	84	77	76	76	75	76	75	74	77	77	80	80		3138
SIEBENBERG	14	14	15	15	15	16	16	16	16	16	16	15	15	15	15	15	15	14	14	14	14	13	12	12	11	11	10	9	9	9		411
THURMAN MILL	26	26	25	25	24	24	24	24	24	24	24	24	23	22	20	19	17	16	14	15	16	17	19	20	21	22	21	20	19	18		633
UPPER CENTER POINT	22	20	18	15	12	9	6	3	5	6	8	10	12	13	12	11	10	9	8	7	6	6	7	7	7	8	8	8	7	7		287
TOTAL CANAL DIVERSIONS	4184	4096	4011	3913	3916	3846	3826	3811	3768	3685	3596	3550	3477	3391	3331	3165	2975	2797	2743	2726	2711	2707	2867	2955	2992	3006	3004	2980	2570	2470		99069
RIVER AT NOTUS	404	386	355	337	337	318	324	312	361	386	355	368	417	524	569	587	529	467	456	380	254	199	178	182	190	235	320	380	400	428		10938
TOTALS	4588	4482	4366	4250	4253	4164	4150	4123	4129	4071	3951	3918	3894	3915	3900	3752	3504	3264	3199	3106	2965	2906	3045	3137	3182	3241	3324	3360	2970	2898		110007

CHART NO. 5

OCTOBER

NAME OF CANAL	1	2	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
BALLENTYNE	8	8	8	8	8	8	8	8	8	8	8	8	8	8																		112
BOISE CITY	19	18	18	17	17	15	15	15	15	13	14	12	13	13																		214
BOISE VALLEY	30	31	31	32	32	32	32	32	32	32	28	28	28	28																		428
BUBB	7	7	7	7	7	7	7	7	7	7	7	7	7	7																		98
CALDWELL HIGH LINE	10	11	4	5	5	9	8	9	9	12	12	6	6	0																		106
CAMPBELL	9	10	10	10	10	10	10	10	10	10	10	10	10	10																		139
CANYON COUNTY	52	52	52	52	52	52	52	52	52	52	52	52	52	52																		728
DAVIS DITCH	11	11	11	11	11	11	11	11	11	11	11	11	11	11																		154
EAGLE ISLAND CANALS	28	28	28	28	28	28	28	28	28	28	28	28	28	28																		392
EUREKA #1	15	11	12	10	9	9	9	9	4	3	4	3	3	3																		104
EUREKA #2	67	65	63	61	61	61	61	61	61	61	61	61	61	61																		866
FARMERS UNION	54	54	55	52	54	54	54	54	54	55	49	49	49	49																		736
LITTLE PIONEER	16	19	22	22	22	22	22	22	22	22	22	22	22	22																		299
LOWER CENTER POINT	13	13	12	12	12	12	12	12	12	12	12	12	12	12																		170
MIDDLETON CANALS	90	90	90	90	90	90	90	90	90	90	90	90	90	90																		1260
MISCELLANEOUS	21	21	21	21	21	21	21	21	21	21	21	21	21	20																		293
NEW DRY CREEK	35	34	42	33	33	33	33	25	25	25	25	25	25	25																		418
NEW UNION	12	12	12	12	12	12	12	12	12	12	12	12	12	12																		168
NEW YORK CANAL	1016	936	861	861	917	917	907	914	864	880	870	839	864	867																		12513
PENITENTIARY	5	5	5	5	5	5	5	5	3	3	3	3	3	0																		55
PHYLLIS	197	187	188	167	169	171	169	169	153	137	155	131	133	133																		2259
PIONEER DIXIE	65	64	64	63	63	63	63	63	63	63	63	63	63	63																		886
RIDENBAUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		0
RIVERSIDE	105	104	102	101	101	101	101	101	101	101	101	101	101	101																		1422
ROSSI MILL	6	6	6	6	6	6	6	6	6	6	6	6	6	6																		84
SEBREE (FARMERS CO-OP)	272	272	274	252	250	250	250	250	250	250	250	250	238	238																		3546
SETTLERS	80	80	80	80	80	80	80	80	82	83	83	83	83	83																		1137
SIEBENBERG	9	9	9	9	9	9	9	9	9	9	9	9	9	9																		126
THURMAN MILL	18	17	17	17	17	17	17	17	17	17	17	17	17	17																		239
UPPER CENTER POINT	6	6	5	5	5	5	5	5	5	5	5	5	5	5																		72
TOTAL CANAL DIVERSIONS	2276	2181	2109	2049	2106	2110	2097	2097	2026	2028	2028	1964	1980	1973																		29024
RIVER AT NOTUS	428	456	495	529	529	524	501	450	434	422	412	467	506	664																		6817
TOTALS	2704	2637	2604	2578	2635	2634	2598	2547	2460	2450	2440	2431	2486	2637																		35841

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1966

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTAL
BALLENTYNE	916	1902	1090	678	760	424	224	5334
BOISE CITY	1092	2010	2008	1836	1750	1240	428	10364
BOISE VALLEY	2062	3030	2894	2458	2254	1976	856	15530
BUDB	560	1224	1064	798	626	482	196	4890
CALDWELL HIGH LINE	4154	3968	3312	2602	1576	990	212	16814
CAMPBELL	2076	2636	1706	1646	1634	1076	278	11052
CANYON COUNTY	2966	4896	4834	4182	4114	3046	1456	25494
DAVIS DITCH	518	804	718	754	696	632	308	4430
EAGLE ISLAND CANALS	1504	2914	2820	1920	1756	1680	784	13358
EUREKA #1	2056	2014	1834	1760	1806	1126	208	10804
EUREKA #2	6280	8278	7452	6970	7196	5376	1732	43284
* FARMERS UNION	9462	13652	10996	11190	10086	5592	1472	62450
LITTLE PIONEER	2054	2120	2172	1708	1484	1200	598	11336
LOWER CENTER POINT	2418	2504	2468	2790	2314	1378	340	14212
MIDDLETON CANALS	6586	10944	10684	8926	8186	5814	2520	59660
MISCELLANEOUS	1424	1760	1656	1562	1358	1282	586	9628
NEW DRY CREEK	2586	4166	4120	3560	2596	2556	896	20220
NEW UNION	576	762	896	902	934	678	396	5024
NEW YORK CANAL	123372	160050	166106	166020	149720	87778	25026	878072
PENITENTIARY	336	492	628	470	420	150	110	2606
PHYLLIS	21402	28150	23390	25422	24424	14826	4518	142072
PIONEER DIXIE	2524	4446	3720	3298	3840	3782	1772	23382
RIDENBAUGH	25728	34140	32632	30904	25594	21348	0	170346
RIVERSIDE	7860	10134	9168	9872	8180	7048	2844	55106
? ROSSI MILL	400	612	596	648	506	310	168	3240
SEBREE	13770	19192	20104	22760	22584	17410	7092	122912
SETTLERS	7486	11744	10834	9598	9164	6276	2274	57396
SIEBENBERG	862	1052	890	982	710	822	252	5510
THURMAN MILL	892	1860	2144	1954	1666	1266	478	10200
UPPER CENTER POINT	868	1216	1386	1392	1232	574	144	6812
TOTALS	254730	342072	334102	329302	299146	198138	58048	1815538

*FARMERS UNION FIGURES INCLUDES CAPITAL VIEW IRRIGATION

THE WATER SHOWING UNDER EACH CANAL DOES NOT NECESSARILY MEAN IT IS THEIR WATER, THIS CHART SHOWS TOTAL WATER IN CANAL FOR SEASON. SOME CANALS GET THEIR WATER THROUGH ANOTHER CANAL. CHARTS #7 AND #14 SHOW ACTUAL AMOUNT OF EACH CANALS OWN WATER.

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1950

CHART NO. 7

NAME OF CANAL	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
BALLANTINE	5346	5328	5242	5858	6838	5404	6074	5402	5688	5940	7288	5272	5714	6050	6058	6096	5394
BOISE CITY	9512	10412	9328	9254	10114	9022	9864	9320	9420	9462	9978	9470	9478	8732	9790	9878	10564
BOISE VALLEY	18420	13068	19404	22920	23821	19189	15016	14310	14634	16522	15986	13406	15856	15688	22759	15784	22160
BUBB (SOUTH BOISE)	4310	4586	3890	4368	5494	4182	4702	3672	3674	3896	4178	3938	4012	3622	4132	4466	4890
CALDWELL HIGH LINE	14068	14906	13390	15824	19310	15394	20508	17852	17140	15862	16194	15214	14390	17698	21572	20870	16814
CAMPBELL (CANYON)	5596	6406	6168	6102	6400	6102	6234	6342	6928	7894	8202	8792	8748	9220	9608	12464	11052
CANYON COUNTY WATER CO.	23262	23282	24374	23948	25984	21860	25898	24178	24296	24086	24120	22336	25854	23610	25468	25262	25494
CAPITAL VIEW IRR. DIST.	2556	2554	2470	2198	2198	1876	2132	1932	2044	2156	2142	2156	2226	1848	2240	2282	2072
CRUZEN (CONSUMERS)	6828	5562	6756	6260	7876	6864	7352	6182	5580	5926	6498	6598	6666	5018	4902		
DAVIS DITCH															4912	4500	4430
EAGLE ISLAND CANALS	15244	15400	16744	16256	16006	13672	16802	17110	17792	18028	18194	15946	18026	16682	18104	15434	13358
EUREKA WATER CO.	9654	10300	9682	9864	10938	9910	10024	10498	12996	10896	11818	7902	8416	9334	9428	9430	10804
EUREKA #2	25752	25668	24708	27754	29656	25960	29688	28278	29664	31816	32144	25376	30012	33494	32600	38520	43284
FARMERS UNION	51276	58274	46696	47750	52309	48161	63250	52426	55354	57346	59896	48962	56120	56582	51239	59824	53748
LITTLE PIONEER	11322	10944	11666	11062	12276	10706	12564	12480	12984	14792	11482	10934	11214	11486	12226	13542	11336
LOWER CENTER POINT	5736	5920	5790	6208	6534	5984	6806	6006	6662	7708	7758	8548	8434	8422	8734	10090	14212
MIDDLETON WATER CO.	29886	32773	31067	32089	33263	23701	29800	29618	30399	26840	27934	23780	25421	25237	28819	30517	31122
MIDDLETON MILL DITCH	19924	21849	20711	21393	22175	18623	21580	21448	22013	19436	20242	17218	18409	18275	20869	22099	22538
MISCELLANEOUS	8344	8432	8592	8676	8556	7164	8930	9324	9674	9534	9596	8542	9572	8832	4094	3706	9628
NEW DRY CREEK	19120	19934	16782	19298	20136	18204	19662	18536	19808	21036	21232	16916	19166	22812	20398	22066	20220
NEW UNION	4218	5224	4180	4534	5938	4252	5304	4438	5030	4964	5178	4184	4830	4604	4454	4790	5024
NEW YORK CANAL (B. OF C.)	820502	856926	863356	839026	945306	791210	979666	876992	906822	866558	1002438	773106	870060	832754	873496	862358	878072
PENITENTIARY	2642	2766	2732	2356	2778	2488	2332	2194	2154	2214	2396	2478	2544	2326	1900	2302	2606
PHYLLIS	116662	113870	114114	103862	118430	108846	117634	106828	111464	118504	142170	112850	116990	116202	123072	135012	142072
PIONEER DIXIE	18388	21046	21098	18876	24476	23932	23852	20014	23602	24432	24500	22264	23200	22148	21798	21154	23382
RIDENBAUGH	166230	173836	171742	176828	192808	166426	178580	177682	168762	172700	178994	144648	170984	172722	174488	177602	170346
RIVERSIDE #2	68812	69594	68458	63526	69950	67474	66284	58990	50254	48252	49968	53650	56586	56954	60852	51376	55106
ROSSI MILL															3544	3472	3240
SEBREE (FARMERS CO-OP)	99470	102484	107814	105996	119806	106758	111420	99744	104940	110006	114058	91882	99322	96476	97828	96692	122912
SIEBENBERG	2926	3120	3272	3528	3930	3254	3774	2124	3002	3324	3738	3910	4020	3932	3562	3920	5510
SETTLERS	52044	53446	52510	49936	55290	48292	54972	47776	50362	53044	55392	46046	53132	51382	52754	50852	57396
THURMAN MILL	10402	10500	9644	8880	8788	8688	9352	9546	9086	10176	10358	10382	11190	10038	10970	10390	10200
UPPER CENTER POINT	5824	5994	5970	7088	6930	5144	5782	5952	5960	6474	5814	5258	6754	6752	6454	5804	6812
TOTAL SUMMER DIVERSIONS APRIL 1 TO NOVEMBER 1	1644296	1714424	1708290	1681518	1874314	1608802	1875838	1707194	1748408	1729024	1909786	1541364	1717346	1678932	1753064	1753554	1815538
** FISH AND GAME															10654	12900	43750
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION - SEASON JANUARY 1 TO DECEMBER 31	137978	133610	104267	154382	147710	103968	138968	96478	105508	96046	138466	37632	98062	73814	31404	33454	23904
* FLOOD CONTROL & OTHER LOSS TO THE SYSTEM	6728	33224	15098	19962	21910	22198	20160	17026	33088	20580	00	3510	3510	30152	70566	900841	33123
TOTAL	1789002	1881258	1827655	1855862	2043934	1734963	2034966	1820698	1887004	1843658	2048252	1582506	1818918	1782898	1864688	2700749	1916315
SUMMER RETURN FLOW	400206	471172	494974	480208	508274	396138	469220	462564	454864	458458	500232	315814	382012	444236	492942	532222	457510
AMOUNT OF NATURAL FLOW USED	1388796	1410086	1332681	1375654	1535660	1338825	1565746	1358134	1432140	1387192	1548020	1266692	1436906	1338662	1371746	2168527	1458805

* 1964 THIS FIGURE INCLUDES OTHER THAN IRRIGATION REQUIREMENTS BELOW DIVERSION DAM FROM JANUARY 1 TO DECEMBER 31

** THIS CHART IS BEING CHANGED TO CONFORM TO THE IDAHO IRRIGATION SEASON WHICH IS APRIL 1 TO NOVEMBER 1. THE OTHER THAN IRRIGATION REQUIREMENT WILL BE JANUARY 1 TO DECEMBER 31.

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

CHART NO. 8

IRRIGATION SEASON OF 1966

APRIL

NAME OF TRIBUTARY	1	2	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
BOISE SEWER	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	310
DAVIS DRAIN	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	2	2	60
DRAINAGE DISTRICT #3	7	6	6	5	6	7	9	11	12	13	14	14	14	14	13	13	13	13	12	12	11	10	10	9	9	9	10	10	11	11		314
EAGLE DRAIN	31	32	32	33	34	34	35	36	36	37	38	38	39	40	40	41	42	42	43	44	45	46	47	48	49	50	51	51	52	52		1298
FIVE MILE CREEK	33	33	33	33	33	39	45	51	57	63	69	76	83	90	96	102	108	114	120	117	114	101	98	95	93	91	88	85	82	79		2321
HARTLEY DRAIN	12	12	12	12	12	18	24	30	36	40	46	52	53	54	55	56	57	57	58	58	59	60	61	62	63	64	63	63	63	62		1374
HARTLEY GULCH	8	8	8	8	8	11	14	18	22	25	28	31	30	30	29	29	28	28	27	27	26	26	25	25	24	24	25	25	26	26		669
INDIAN CREEK	149	149	149	149	149	152	155	158	161	164	167	170	172	175	178	181	184	187	190	193	192	191	190	189	188	187	186	184	182	181		5202
MASON CREEK	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24	24	24	25	25	25	26	26		705
MASON DRAIN	60	60	60	60	60	66	72	78	84	90	96	101	106	111	116	122	128	134	140	138	136	134	132	130	128	127	126	124	123	121		3163
NORTH MIDDLETON DRAIN	10	11	12	13	14	16	18	20	22	23	24	25	26	27	28	29	30	30	31	31	32	33	34	35	36	37	38	39	40	41		805
PHYLLIS WASTE	7	7	7	7	7	7	7	7	6	6	6	6	6	7	7	8	8	9	9	9	9	9	8	8	8	8	8	8	8	8		225
SOUTH MIDDLETON DRAIN	28	28	29	29	30	30	31	32	32	33	33	34	37	40	43	46	49	52	54	56	58	61	64	67	70	73	76	79	82	85		1461
THURMAN DRAIN	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	13	14	15	15	16	16	17	17	18	18	19		395
WILLOW CREEK	21	23	24	26	28	30	31	32	34	36	38	40	39	38	37	36	36	35	35	34	34	33	32	31	30	29	29	30	30	31		962
TOTALS	412	415	418	421	427	456	487	519	548	576	605	634	652	673	689	710	730	748	766	767	766	755	753	752	751	754	755	754	756	755		19204

MAY

BOISE SEWER	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	358	
DAVIS DRAIN	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	2	62	
DRAINAGE DISTRICT #3	12	12	12	12	12	12	12	12	12	13	13	14	15	15	16	16	16	17	17	18	18	19	19	19	19	18	18	18	17	17	17	477
EAGLE DRAIN	53	54	55	55	55	56	56	56	57	57	58	58	59	59	60	60	60	60	61	61	62	62	63	63	64	64	64	65	65	65	66	1853
FIVE MILE CREEK	76	73	70	73	76	79	81	84	88	92	96	100	104	107	110	113	116	122	128	134	140	147	153	159	166	172	179	186	192	198	204	3818
HARTLEY DRAIN	62	61	61	61	60	60	60	59	59	59	60	61	63	64	65	66	68	69	71	72	74	75	77	78	77	76	76	75	74	74	73	2090
HARTLEY GULCH	27	27	28	28	29	29	30	30	31	31	31	30	30	29	28	28	27	26	26	25	24	24	23	23	23	24	24	25	26	27	27	840
INDIAN CREEK	180	179	178	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	180	183	186	189	192	195	198	201	204	207	210	213	217	5767
MASON CREEK	26	26	26	26	26	27	27	27	27	28	28	28	28	29	29	29	29	28	27	27	26	26	25	25	24	24	23	23	22	22	21	809
MASON DRAIN	120	118	117	121	125	129	133	137	141	144	148	152	156	160	164	168	172	176	180	184	188	192	196	200	204	208	212	216	220	223	226	5290
NORTH MIDDLETON DRAIN	43	45	47	48	49	50	51	52	53	54	55	56	57	58	59	59	60	60	61	62	62	63	64	65	66	67	68	69	70	71	72	1816
PHYLLIS WASTE	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	255
SOUTH MIDDLETON DRAIN	88	91	94	97	100	103	106	109	112	115	115	115	115	115	115	115	114	114	114	114	114	114	114	114	116	118	119	120	122	124	126	3462
THURMAN DRAIN	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	21	21	21	21	21	21	20	20	20	20	19	19	19	19	652
WILLOW CREEK	31	32	32	33	33	33	34	34	35	35	34	33	32	32	31	30	30	29	28	27	27	26	25	24	26	28	30	31	32	34	36	957
TOTALS	759	760	763	774	785	798	810	820	835	848	858	867	879	889	899	906	914	922	937	951	964	980	993	1007	1025	1042	1059	1076	1091	1109	1126	28446

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

CHART NO. 8

IRRIGATION SEASON OF 1966

JUNE

NAME OF TRIBUTARY	1	2	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
BOISE SEWER	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14		397
DAVIS DRAIN	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	2		60
DRAINAGE DISTRICT #3	17	17	17	17	17	17	17	18	18	19	19	20	20	19	18	18	17	17	16	15	15	16	16	16	17	17	17	17	17	16		517
EAGLE DRAIN	66	65	65	65	64	64	63	63	62	62	62	61	61	61	61	62	62	62	63	63	64	64	65	65	65	66	66	66	66	65		1909
FIVE MILE CREEK	210	202	194	186	179	172	164	156	148	140	132	124	116	108	105	102	99	95	92	88	85	82	78	75	72	68	65	62	61	60		3520
HARTLEY DRAIN	72	72	71	70	70	69	68	68	68	69	69	69	70	70	70	71	71	71	72	72	72	72	72	72	71	71	71	70	70	70		2113
HARTLEY GULCH	28	28	29	29	30	31	31	30	29	28	27	27	26	26	25	24	23	22	21	20	19	19	19	19	19	19	19	19	20	20		726
INDIAN CREEK	220	223	221	219	218	216	214	212	210	208	206	204	202	200	199	200	200	201	201	202	202	203	203	204	204	205	205	206	206	205		6219
MASON CREEK	21	21	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	22	22	22	22	22	22	22	22		628
MASON DRAIN	230	222	113	104	195	187	179	170	164	156	148	139	131	123	126	129	132	135	138	141	144	147	149	152	155	158	161	164	164	164		4620
NORTH MIDDLETON DRAIN	74	75	76	77	78	79	80	77	74	71	69	66	63	60	57	54	51	48	45	42	39	39	39	39	39	39	38	38	38	38		1702
PHYLLIS WASTE	8	8	8	8	9	9	9	9	8	8	8	7	7	7	7	7	8	8	8	9	9	9	9	9	9	9	9	9	9	9		250
SOUTH MIDDLETON DRAIN	127	128	130	132	134	136	138	135	132	129	126	123	120	117	115	112	109	106	103	100	98	98	98	99	99	99	100	100	100	101		3444
THURMAN DRAIN	19	19	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19		584
WILLOW CREEK	38	40	42	44	46	48	50	47	44	42	40	37	34	31	29	26	23	20	18	15	13	13	14	14	15	16	16	17	18	19		869
TOTALS	1144	1134	1021	1006	1095	1083	1068	1040	1012	987	961	932	905	877	867	860	850	841	833	823	816	818	819	821	822	824	824	825	826	824		27558

JULY

BOISE SEWER	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	485
DAVIS DRAIN	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	2	2	62
DRAINAGE DISTRICT #3	16	16	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	17	17	17	18	18	18	18	17	17	17	16	16	498
EAGLE DRAIN	64	64	63	63	62	61	61	60	59	59	58	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	44	44	45	45	45	1662
FIVE MILE CREEK	59	58	57	56	56	55	54	53	52	51	50	49	50	50	51	51	51	52	52	52	53	53	53	54	54	54	54	53	53	52	51	1643
HARTLEY DRAIN	69	69	69	68	68	68	68	68	68	68	69	69	69	69	70	70	70	70	70	71	71	72	72	73	74	74	75	76	76	77	77	2197
HARTLEY GULCH	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	18	18	18	18	18	19	19	19	20	20	20	21	21	21	22	22	609
INDIAN CREEK	203	201	200	198	196	194	193	191	189	188	186	184	182	186	190	194	198	202	206	211	216	220	224	228	232	236	240	240	240	240	240	6448
MASON CREEK	22	22	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	19	18	616	
MASON DRAIN	165	165	165	165	166	166	166	166	167	167	167	167	164	160	156	153	150	146	142	138	134	130	127	123	120	117	117	118	118	119	120	4544
NORTH MIDDLETON DRAIN	38	37	37	37	37	37	38	39	41	42	43	45	46	47	49	51	53	55	56	54	52	50	48	46	44	42	40	38	36	34	32	1344
PHYLLIS WASTE	9	9	9	9	9	9	9	8	8	7	6	6	6	7	7	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	260
SOUTH MIDDLETON DRAIN	101	102	102	103	103	103	100	97	94	92	90	87	84	81	78	75	72	69	66	65	64	63	62	60	59	58	57	55	54	53	52	2401
THURMAN DRAIN	19	19	19	19	19	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	536	
WILLOW CREEK	20	21	22	22	23	24	24	24	24	24	24	24	25	25	25	25	25	25	25	25	24	24	23	23	22	22	21	21	21	20	20	717
TOTALS	822	820	816	813	812	808	804	796	792	788	782	779	773	771	772	770	769	769	766	764	761	758	755	753	750	747	748	745	743	740	736	24022

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

CHART NO. 8

IRRIGATION SEASON OF 1966

AUGUST

NAME OF TRIBUTARY	1	2	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
BOISE SEWER	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	460
DAVIS DRAIN	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	2	2	62
DRAINAGE DISTRICT #3	16	16	16	16	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	14	14	14	14	14	476
EAGLE DRAIN	46	46	47	47	48	48	49	49	49	49	49	49	49	49	49	49	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	1522
FIVE MILE CREEK	51	50	49	49	48	47	47	46	46	47	47	47	48	48	48	49	49	49	50	50	50	51	51	52	53	54	55	56	57	58	59	1561
HARTLEY DRAIN	78	78	78	79	79	79	80	80	80	81	81	81	82	82	83	83	82	82	82	81	81	80	80	80	79	79	79	78	78	78	76	2479
HARTLEY GULCH	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24	24	25	25	26	27	27	28	29	29	30	30	31	31	31	785
INDIAN CREEK	239	239	239	239	239	238	238	238	238	238	237	235	234	232	230	228	226	224	222	221	219	218	216	213	216	217	218	218	219	219	220	7069
MASON CREEK	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	16	15	15	524
MASON DRAIN	120	121	122	123	123	124	124	125	125	124	123	122	121	120	120	119	119	118	117	116	115	114	113	113	117	119	120	122	124	126	128	3739
NORTH MIDDLETON DRAIN	30	29	29	29	30	30	30	30	31	31	31	31	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	970
PHYLLIS WASTE	9	9	9	9	9	8	8	8	8	8	8	8	9	9	9	9	9	8	8	8	7	7	7	7	8	8	8	9	9	9	9	258
SOUTH MIDDLETON DRAIN	50	49	51	53	55	57	59	61	63	66	69	71	73	75	77	79	78	77	76	76	75	75	74	74	73	73	72	72	71	70	71	2115
THURMAN DRAIN	16	16	17	17	17	17	17	17	17	18	18	19	19	19	20	20	20	21	21	21	22	22	22	22	21	21	21	21	21	20	20	600
WILLOW CREEK	19	19	19	20	20	21	21	22	22	23	23	24	24	24	25	25	25	24	24	24	24	23	23	23	23	22	22	22	22	22	22	696
TOTALS	733	731	735	740	741	741	745	748	751	757	758	760	764	763	766	766	764	759	757	754	751	748	744	746	749	752	753	756	760	760	764	23316

SEPTEMBER

BOISE SEWER	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	441
DAVIS DRAIN	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	2	60
DRAINAGE DISTRICT #3	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	399
EAGLE DRAIN	49	49	49	49	49	49	49	48	47	47	46	45	45	44	44	43	42	42	41	40	40	41	41	41	41	42	42	42	42	43	1332
FIVE MILE CREEK	61	62	64	66	68	69	70	67	64	62	60	58	56	53	50	48	46	43	40	37	36	35	34	33	32	30	29	28	27	27	1433
HARTLEY DRAIN	74	72	71	70	68	66	64	62	60	58	56	54	52	52	52	51	51	51	50	50	50	49	49	49	48	48	48	48	48	48	1669
HARTLEY GULCH	31	31	31	31	31	31	30	30	30	30	30	30	30	29	29	28	28	28	27	27	27	27	26	26	25	25	25	25	25	25	831
INDIAN CREEK	220	221	222	223	223	224	225	226	227	228	229	230	231	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	250	7027
MASON CREEK	15	14	14	14	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	409
MASON DRAIN	129	130	132	134	136	138	140	139	138	137	135	133	132	130	129	128	126	125	124	123	123	127	129	131	133	136	139	141	144	147	3990
NORTH MIDDLETON DRAIN	34	35	36	37	38	40	42	44	46	47	48	49	50	49	48	47	47	46	46	45	45	44	44	43	42	41	40	40	40	40	1293
PHYLLIS WASTE	9	9	9	8	8	8	8	8	8	9	9	10	10	10	9	9	9	8	8	8	8	8	8	7	7	7	7	7	7	7	247
SOUTH MIDDLETON DRAIN	72	73	73	74	74	75	75	76	77	78	79	80	81	81	82	82	83	83	84	84	85	85	85	86	86	87	87	87	87	87	2428
THURMAN DRAIN	20	20	20	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	559
WILLOW CREEK	22	22	22	23	23	23	23	23	24	24	24	24	24	24	23	23	22	22	21	21	21	20	20	19	19	18	18	18	18	18	646
TOTALS	767	769	774	779	781	786	789	786	784	782	778	775	773	768	762	757	752	747	742	736	739	738	739	739	738	740	742	744	747	753	22806

CHART NO. 8

OCTOBER

[illegible]

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 9

CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)

TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN - BY MONTHS IN ACRE FEET

IRRIGATION SEASON 1966								
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTALS
BOISE RIVER AT DIVERSION DAM	244444	288524	278918	274278	244884	149670	38858	1519576
DELIVERIES TO CANALS	304640	364572	363872	341762	310896	219838	71566	1977086
TRIBUTARY GAIN	38408	56892	55116	48044	46632	45612	21384	312088
SEEPAGE GAIN	21788	19156	29838	19440	19320	24556	11324	145422
NET GAIN	60196	76048	84954	67484	65952	70168	32708	457510

SUMMARY TABLE IN 24-HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER AT DIVERSION DAM

CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS) - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

BOISE RIVER AT DIVERSION DAM	4074	4654	4649	4424	3950	2495	1295
DELIVERIES TO CANALS	5077	5880	6065	5512	5013	3664	2386
TRIBUTARY GAIN	640	918	919	775	752	760	713
SEEPAGE GAIN	363	308	497	313	312	409	377
NET GAIN	1003	1226	1416	1088	1064	1169	1090

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 10

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

SECTION I

1966

	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTAL
BOISE RIVER AT DIVERSION DAM	274278	244884	149670	38858	707690
X DELIVERIES TO CANALS	299144	272258	178466	50774	800642
TRIBUTARY GAIN	6486	6240	5582	2522	20830
SEEPAGE GAIN	18380	21134	23214	9394	72122
NET GAIN	24866	27374	28796	11916	92952

SUMMARY TABLE IN 24-HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER AT DIVERSION DAM

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION I

BOISE RIVER AT DIVERSION DAM	4424	3950	2495	1295
X DELIVERIES TO CANALS	4825	4391	2974	1692
TRIBUTARY GAIN	105	101	93	84
SEEPAGE GAIN	296	340	386	313
NET GAIN	401	441	479	397

X INCLUDES BOISE RIVER PASSING CALDWELL HIGH LINE

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

SECTION 2					
1966					
	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTAL
BOISE RIVER AT CALDWELL HIGH LINE	2928	4090	4820	2268	14106
X DELIVERIES TO CANALS	45546	42668	46192	23068	157466
TRIBUTARY GAIN	41558	40392	40030	18862	140842
SEEPAGE GAIN	1060	(-1814)	1342	1930	2518
NET GAIN	42618	38578	41372	20792	143360

SUMMARY TABLE IN 24-HOUR SECOND FEET, SHOWING FLOW OF BOISE RIVER AT CALDWELL HIGH LINE

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 2				
BOISE RIVER AT CALDWELL HIGH LINE	47	66	80	76
X DELIVERIES TO CANALS	755	688	770	769
TRIBUTARY GAIN	670	651	667	629
SEEPAGE GAIN	18	(-29)	23	64
NET GAIN	688	622	690	693

X INCLUDES BOISE RIVER AT NOTUS

ANDREWS.	1,068 ACRES	LOWER CENTER POINT.	880 ACRES
BALLENTYNE	763 "	MAMMON.	538 "
BOISE CITY	1,828 "	MANVILLE-LEONARD.	159 "
BOISE VALLEY	2,729 "	MEEVES.	90 "
BOONE.	517 "	MIDDLETON MILL.	4,400 "
BOWMAN & SWISHER	424 "	MIDDLETON WATER	5,180 "
BUBB (SOUTH BOISE)	1,057 "	MISCELLANEOUS	937 "
*CALDWELL HIGH LINE.	13,960 "	NEW DRY CREEK	3,059 "
CAMPBELL	802 "	NEW UNION	688 "
CANYON COUNTY.	4,007 "	NEW YORK	
CAPITAL VIEW	600 "	BIG BEND IRRIG. DIST.	1,724 "
DAVIS & LITTLE DAVIS	634 "	BOISE-KUNA IRRIG. DIST.	48,339 "
EAGLE ISLAND CANALS		NAMPA & MERIDIAN IRRIG. DIST.	40,265 "
CATLIN & MACE.	536 "	NEW YORK IRRIG. DIST.	17,821 "
CONWAY & HAMMING	259 "	WILDER IRRIG. DIST.	56,580 "
GRAHAM & GILBERT	200 "	TOTAL - BOARD OF CONTROL.	164,729 ACRES
HART & DAVIS	453 "	PARMA DITCH CO.	602 "
LEMP DITCH	300 "	PENITENTIARY.	433 "
MACE & MACE.	80 "	PIONEER IRRIG. DIST	24,362 "
SEVEN SUCKERS.	70 "	PIONEER DIXIE	2,030 "
THOS. AIKEN.	236 "	RIDENBAUGH	26,877 "
TOTAL-EAGLE ISLAND CANALS	2,134 ACRES	RIVERSIDE IRRIG. DIST	10,645 "
EUREKA WATER CO.	1,800 "	ROSSI MILL.	500 "
EUREKA DITCH CO.	2,625 "	SEBREE.	15,500 "
FARMERS UNION.	8,300 "	SETTLERS.	12,282 "
HAAS	750 "	SIEBENBERG.	646 "
ISLAND HIGH LINE	945 "	THURMAN MILL.	1,799 "
LARSON, BAXTER, LEMP	200 "	UPPER CENTER POINT.	641 "
LITTLE PIONEER	1,286 "	WARM SPRINGS.	491 "

TOTAL 323,897 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

GRAND TOTAL. 332,186 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 AGAIN REVISED (JULY, 1948), PARTICULARLY TO REDUCE RIVER BOTTOM ACREAGES TO CONFORM TO STEWART DECREE ACREAGES AS DETERMINED BY SPECIAL COMMITTEE. ACREAGE IN LARGER CANALS REVISED 1955, 1965, AND 1966.

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. (SOME OF THE ACREAGES WERE REVISED APRIL 10, 1944).

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

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

BOISE RIVER STORAGE ACCOUNTS - 1966 - IN ACRE FEET

CHART NO. 13-A

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	USED JUNE	BALANCE	USED JULY	BALANCE	USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED TO OCT. 15-1966	ANDERSON CARRYOVER	LUCKY PEAK BALANCE	ARROWROCK BALANCE NO CARRYOVER
BALLENTYNE	0	376	1000	1376	36	1340	212	1128	222	906	44	862	0	862	514	0	862	0
BOISE VALLEY	0	961	3000	3961	58	3903	1368	2535	1478	1057	514	543	0	543	3418	0	543	0
BUBB	0	543	500	1043	44	999	202	797	310	487	104	383	0	383	660	0	383	0
CAPITAL VIEW	0	460	0	460	0	460	128	332	186	146	90	56	0	56	404	56	0	0
CANYON COUNTY	0	0	2000	2000	0	2000	938	1062	1016	46	46	0	0	0	2000	0	0	0
DAVIS DITCH	0	0	942	942	16	926	320	606	336	270	116	154	0	154	788	0	154	0
EUREKA #1	0	0	1000	1000	16	984	304	680	438	242	0	242	0	242	758	0	242	0
FARMERS UNION	2874	5727	8090	16691	1008	15683	6438	9245	6530	2715	2532	183	0	183	16508	0	183	0
LITTLE PIONEER	0	2174	400	2574	312	2262	530	1732	578	1154	400	754	0	754	1820	354	400	0
MIDDLETON	148	0	5000	5148	76	5072	2820	2252	1778	474	360	114	0	114	5034	0	114	0
NEW DRY CREEK	0	1296	1200	2496	162	2334	1134	1200	436	764	204	560	0	560	1936	0	560	0
NEW UNION	0	0	1000	1000	16	984	266	718	402	316	24	292	0	292	708	0	292	0
NEW YORK	*254337	****351534	0	605671	95716	509955	162428	347527	148346	199181	86074	113107	20916	92191	513480	92191	0	0
PHYLLIS	21018	25582	16000	62600	5472	57128	21728	35400	21240	14160	8970	5190	50	5140	57460	0	5140	0
RIDENBAUGH	3832	23537	28315	55684	780	54904	16096	38808	17248	21560	8736	12824	0	12824	42860	0	12824	0
SEBREE	1227	0	0	1227	150	1077	200	877	440	437	437	0	0	0	1227	0	0	0
SETTLERS	**3164	5810	8090	17064	308	16756	4944	11812	5170	6642	2848	3794	0	3794	13270	0	3794	0
THURMAN MILL	0	0	400	400	0	400	0	400	200	200	0	200	0	200	200	0	200	0
FORREST SERVICE TREE-FARM	200	0	0	200	46	154	46	108	46	62	38	24	0	24	176	0	0	24
FISH & GAME	0	0	***50000	50000	0	50000	0	50000	0	50000	0	50000	0	50000	0	0	50000	0
TOTALS	286600	418000	126937	831537	104216	727321	220102	507219	206400	300819	111537	189282	20966	168316	663221	92601	75691	24

* LESS 3.90 ACRE FEET ON 420 ACRES OF GOVERNMENT LANDS IRRIGATED BY SETTLERS *INCREASED BY 22,800 ACRE FEET OF HILLCREST STORAGE

** SETTLERS ARROWROCK STORAGE INCREASED 1386 ACRE FEET TO IRRIGATE GOVERNMENT LANDS

*** FISH & GAME WATER TO BE RUN DURING WINTER MONTHS

**** BOARD OF CONTROL TRANSFERRED 8400 ACRE FEET OF ANDERSON WATER TO THE RIDENBAUGH CANAL FOR GOVERNMENT LANDS

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1965

CHART NO. 14

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966
BALLENTYNE	763	9.04	763	6.99
BOISE CITY	1,828	5.40	1,828	5.67
BOISE VALLEY	2,729	5.78	2,729	8.12
BUBB (SOUTH BOISE)	1,057	4.23	1,057	4.63
*CALDWELL HIGH LINE	3,960	5.27	3,960	4.25
CAMPBELL (CANYON)	802	15.54	802	13.78
CANYON COUNTY	4,007	6.30	4,007	6.36
DAVIS DITCH	634	7.10	634	6.99
EAGLE ISLANDS CANALS	2,637	5.85	2,134	6.26
EUREKA WATER CO.	1,800	5.24	1,800	6.00
EUREKA #2	2,625	14.67	2,625	16.48
FARMERS UNION	8,900	6.98	8,900	6.04
LITTLE PIONEER	1,286	10.53	1,286	8.81
LOWER CENTER POINT	880	11.47	880	16.15
MIDDLETON IRRIG. ASSOC.	5,182	5.89	5,180	6.01
MIDDLETON MILL	4,400	5.02	4,400	5.12
MISCELLANEOUS	511	7.25	1,428	6.74
NEW DRY CREEK	3,059	7.21	3,059	6.61
NEW UNION	688	6.96	688	7.90
NEW YORK CANAL (B. OF C.)	164,734	5.23	164,729	5.33
PENITENTIARY	321	7.79	433	6.02
PHYLLIS	24,362	5.53	24,362	5.83
PIONEER DIXIE	2,030	10.42	2,030	11.52
RIDENBAUGH	26,747	6.65	26,877	6.34
RIVERSIDE #2	10,645	4.83	10,645	5.18
ROSSI MILL	500	6.94	500	6.48
SEBREE (FARMERS CO-OP)	15,500	6.23	15,500	7.93
SETTLERS	12,282	4.14	12,282	4.67
SIEBENBERG	646	6.07	646	8.53
THURMAN MILL	1,799	5.78	1,799	5.67
UPPER CENTER POINT	641	9.05	641	10.63
TOTALS	307,999	5.69	308,604	5.88

ACREAGE TABLE WAS REVISED IN 1947, 1956, 1964 & 1965 & 1966

*FRANKLIN DITCH COMPANY AND MASON CREEK DITCH COMPANY LANDS ONLY. THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE ARE IRRIGATED WITH WATER DIVERTED FROM MASON DRAIN AND FIVE MILE CREEK.

1947 THRU 1964 CAN BE FOUND IN PREVIOUS REPORTS

*WARM SPRINGS SLOUGH ACREAGE INCLUDED IN MISCELLANEOUS

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

CHART NO. 17

DRAIN

[illegible]

CHART NO. 18

AVERAGE DAILY FLOW
IN SECOND FEET

TOTAL MONTHLY FLOW
IN ACRE FEET

[illegible]

AVERAGE DAILY FLOW
IN SECOND FEET

TOTAL MONTHLY FLOW
IN ACRE FEET

[illegible]

SUMMARY TABLE IN SECOND FEET

CHART NO. 19

SHOWING AVERAGE DAILY RETURN FLOW TO BOISE RIVER

RETURN FLOW TO ENTIRE RIVER

MONTH	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
APRIL	973	891	757	515	569	694	769	700	570	377	440	638	532	849	1003
MAY	1335	1896	1444	903	1424	1569	1110	1362	1879	1007	1254	894	1179	776	1226
JUNE	1496	1141	1814	1177	1578	1300	1601	1213	1461	998	946	1503	1625	1386	1416
JULY	1436	1253	1483	1330	1322	1329	1266	1162	1318	878	1149	1180	1227	1327	1088
AUGUST	1205	1307	1325	1211	1441	1337	1288	1484	1510	817	1164	1223	1412	1520	1064
SEPTEMBER	1495	1367	1507	1349	1347	1338	1425	1379	1442	1096	1299	1481	1475	1430	1169
OCTOBER													1277	2922	1152
AVERAGE	1352	1312	1388	1081	1280	1261	1243	1250	1363	862	1041	1154	1247	1459	1160

AVERAGE DAILY RETURN FLOW TO SECTION ONE

JULY	411	369	391	379	210	215	214	185	273	163	248	246	136	115	401
AUGUST	330	373	386	307	394	254	235	296	352	178	241	238	271	118	441
SEPTEMBER	293	342	457	330	286	245	260	241	292	238	215	298	317	121	479
OCTOBER													304	1452	397
AVERAGE	345	362	411	338	297	238	236	241	306	193	235	261	257	452	430

AVERAGE DAILY RETURN FLOW TO SECTION TWO

JULY	1025	884	1092	951	1112	1114	1052	977	1045	715	895	934	1091	1212	688
AUGUST	875	934	939	904	1047	1083	1033	1188	1158	639	923	987	1141	1402	622
SEPTEMBER	1202	1025	1050	1019	1061	1093	1165	1138	1150	858	1084	1183	1158	1309	690
OCTOBER													973	1470	755
AVERAGE	1032	947	1027	958	1073	1097	1090	1101	1117	737	967	1035	1091	1348	689

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

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

THE CREDITS GIVEN ABOVE ARE BASED ON A DRAINAGE FLOW OF 100 SECOND FEET WHILE CANAL DELIVERIES ARE 100 PERCENT.

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

DRAINAGE DISTRICT NO. 3

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

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

DRAINAGE DISTRICT NO. 4

	INCHES
THURMAN MILL	570.98
RIDENBAUGH	51.34
WARM SPRINGS SLOUGH	127.68

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

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF REC. FILE NO.
				SEC. FT.	INCHES	
66-A	4-1-1878	J. S. KRAUS	BALLENTYNE	.80	40	373
129-A	4-1-1897	H. E. PLAIN	NEW DRY CREEK	.54	27	373
66-C	4-1-1878	J. W. KOLANDER	BALLENTYNE	1.40	70	373
66-D	4-1-1878	M. T. GRIFFITH	BALLENTYNE	.80	40	373
73-A	4-1-1880	GOBLE & SONDER	NEW DRY CREEK	.54	27	373
75-A	6-1-1880	C. B. FRANK	NEW DRY CREEK	1.816	90.8	380
85-A	6-1-1882	LEO MARSTERS	WARM SPRINGS SLOUGH	1.60	80	324
85-C	5-1-1883	WM. HUCKBA	NEW DRY CREEK	.203	10.15	321
85-D	5-1-1883	C. H. SCHMELZER	BALLENTYNE	.7506	37.53	320
85-E	5-1-1883	C. W. MCCLURG	NEW DRY CREEK	.35	17.50	319
124-A	5-1-1893	W. D. CHARTERS	NEW DRY CREEK	.825	41.25	318
85-B	4-1-1883	JACOB BINGHAM	SETTLERS	1.00	50	317
77-E	4-15-1882	ROC HELMS	RIVERSIDE IRRIG. DIST.	3.674	183.70	295
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	412
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	412
35-A	6-1-1867	RALPH T. KNIGHT	CANYON COUNTY	1.76	88	419
116-A	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	12-A MISC.
116-B	6-1-1890	WILLIS B. SPENCER	" " "	.10	5	" "
116-C	6-1-1890	REBECCA BELL	" " "	.40	20	" "
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	466
114-B	5-1-1889	GUS A. BARTH	" "	.80	40	467
77-A	6-1-1881	" " "	PARMA DITCH CO.	1.60	80	467
77-B	6-1-1881	CHARLES JURRIES	" " "	.34	17	467
77-C	6-1-1881	JAMES FINLAY	" " "	.80	40	467
77-D	6-1-1881	LESTER J. SHIPPY	" " "	1.90	65	467
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.90	115	482
31-B	6-1-1866	MINNIE & JERRY COUZENS	MIDDLETON WATER	.60	30	482
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	482
71-A	4-1-1879	ISLAND HIGHLINE DITCH CO.	" " " "	3.00	150	491
137-A	4-1-1910	" " " "	" " " "	7.00	350	491
75-A	1880	ALBERT LEMP ET AL	LARSEN-BAXTER & LEMP	3.20	160	496
29-A	1865	LOUISE SIMONSON	LEMP DITCH-EAGLE ISLAND	6.00	300	496
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	497
29-B	1865	S.G. HARDIES & AMELIA EISLEY	"	.50	25	498
51-A	1870	" " " "	"	1.00	50	498
116-A	1889	" " " "	"	.84	42	498
59-A	5-1-1875	EARL F. & OTTO W. ROEDEL	INDIAN CREEK	3.20	160	648
123-A	4-15-1893	OTTO & MARIE MULLER	MIDDLETON HILL DITCH	1.60	80	

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

CHART NO. 22

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DATE OF CHANGE	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	REMARKS
	FROM	TO		NO.	DATE				
3	EUREKA NO. 2	EUREKA NO. 2	4-2-1912	96	10-1-87	80		THOS. T. JOHNSTON	
9	PIONEER DIXIE	PIONEER DIXIE	7-31-1912					ALBERT F. CLEMONS	
29	CALDWELL HIGH LINE	CANYON COUNTY	8-26-1918			50	50	J. C. HUGHES	
32	DAVIS	DAVIS DITCH	7-15-1919					ED. DAVIS	
35	PIONEER DIXIE	RIVERSIDE	4-3-1919			160	100	REBECCA BELL	
36	CANYON COUNTY	MIDDLETON WATER	4-12-1918	35	6-1-67		19	DRAPER & OTHERS	
38	HART & DAVIS	SEVEN SUCKERS	9-24-1915				52	SHAFFER & OTHERS	
39	HART & DAVIS	SEVEN SUCKERS	6-12-1918					GEORGE RAMBO	
48	PIONEER DIXIE	PIONEER DIXIE	9-26-1918					JAS. D. RUARK	TO INDIAN CREEK
50	LOWER CENTER POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-65		144	JOHN S. SWISHER	
51	LOWER CENTER POINT	BOWMAN & SWISHER	3-31-1920	20	6-1-65		320	BIRD BOWMAN	
54	CANYON COUNTY	MIDDLETON MILL	4-24-1920	35	6-1-67		55 1/2	H. G. DUDLEY	FOOTE & WISEMAN
57	MIDDLETON WATER	BALLENTYNE	12-2-1920	65	6-1-77	35	30	EDWARD MCCLINTICK	
59	KENNEDY	CANYON COUNTY	3-18-1921	31	6-1-66		130	W. KENNEDY	
61	KENNEDY & LAWRENCE	MIDDLETON WATER	6-22-1921	31-8	6-1-66		30	MINNIE COUZENS	
64	BALLENTYNE	DRY CREEK	12-21-1921	102	6-1-88		10	HARRY SEAVEY	
75	MIDDLETON MILL	CANYON COUNTY	11-25-1924				25	DETWEED ETC. BANK	
76	SETTLERS	SETTLERS	3-12-1925	85-8	4-1-83		50	JACOB BINGHAM	
77	BUBB	BAHLER	4-26-1925	8-A	4-1-65	80	40	ADOLPH BAHLER	
77	BUBB	BAHLER	4-26-1925	47-A	4-1-70		40	ADOLPH BAHLER	
83	WARM SPRINGS	SETTLERS	4-29-1926				36	LEO MARSTERS	
84	MIDDLETON WATER	FARMERS UNION	3-9-1926	65	6-1-77		40	J. C. RALPH	
85	UPPER CENTER POINT	EUREKA NO. 2	5-7-1926				25	J. C. BRUCE	
91	BALLENTYNE	DRY CREEK	6-29-1926	103			32 1/2	IRA E. BARBER	NOT APPROVED BY DITCH COMPANIES SECRETARY
109	PARMA DITCH	PARMA DITCH	10-3-1928					CHARLES JURRIES	
126	LAWRENCE & KENNEDY	MIDDLETON WATER	3-25-1931	31-A	6-1-66		115	WM MUSSEY	
127	BOWMAN & SWISHER	LARSEN, BAXTER & LEMP	8-15-1930		6-1-65		40	WM BAXTER	
131	EUREKA NO. 2	LOWER CENTER POINT	1-16-1932	89	11-9-83		35	R. E. MCGUIRE	
140	BALLENTYNE	NEW DRY CREEK	4-29-1934	85-D	5-1-83		3	CHAS. H. SCHMELZER	
141	FISCHER POWER	FISCHER POWER	12-18-1934		7-9-12			FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
147	MIDDLETON MILL	CANYON COUNTY	1-8-1936		6-1-67		10	CORA M. CLIFTON	
148	PIONEER DIXIE	UPPER CENTER POINT NO. 1	4-17-1936	96	10-1-87		75	DORA GREER	DECREED TO AMERICAN DITCH ASSOC.
151	NEW DRY CREEK	BALLENTYNE	2-18-1937		5-1-93		6.75	J. H. CONE	
152	BAHLER DITCH	RIDENBAUGH	3-15-1937		4-1-70		40	ADOLPH BAHLER	
153	REIN-KEOGH-BAHLER	RIDENBAUGH	5-15-1937		5-1-95		30	ADOLPH BAHLER	
154	BAHLER DITCH	RIDENBAUGH	3-15-1937		4-1-65		40	ADOLPH BAHLER	
159	UPPER CENTER POINT	EUREKA NO. 2	3-27-1939		6-1-65		5	RAYMOND T. BRESHEARS	
161	BALLENTYNE	NEW DRY CREEK	3-5-1940	103	6-1-88		32 1/2	SID BARBER	
174	BALLENTYNE	NEW DRY CREEK	3-28-1944	103	6-1-88		42	FRANK M. RAY	
175	RIVERSIDE	EUREKA	4-11-1944		6-1-83		85	WILBUR BRESHEARS	
176	MAMMON DITCH	HAAS DITCH	4-18-1944		6-1-78		400	CHARLOTTIE D. ALLEN	
179	CATLIN-MACE	SEVEN SUCKERS	3-31-1945	51	6-1-64)		12	IDAHO FISH & GAME DEPT.	
				52)	6-1-71)				
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-83		45	J. E. HOUSTON	
227	O'DONNELL	BOISE RIVER	12-17-54	114-A	5-1-89		80	ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER DIRECT
245	EUREKA #2	LOWER CENTER POINT	6-30-58	89	11-9-83		30	J. E. EKBERG	
245	RIVER	BOISE VALLEY	6-30-58		7-19-21		60	MARIE ECHEVARRIA & I. N. KESSINGER	LICENSED WATER RIGHT #15242 FORMERLY DIVERTED FROM A SLOUGH
257	O'DONNELL DITCH	PARMA DITCH	10-10-62	114-8	5-1-89		40	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
287	EUREKA #2	UPPER CENTER POINT	1-18-66	89	11-9-83	70	70	JOHN E. EKBERG	
289	EUREKA #2	UPPER CENTER POINT	3-10-66	89	11-9-83	25	25	EARL GILES	

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 29

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO	NO.	DATE				
34	SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	13	WALTER S. BRUCE	
34	"	"	122	6-1-91	3-16-1909)			
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100	C. H. ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
38	AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-87	9-1-1909	605	WM. M. MESSLER	
45	SETTLERS	SETTLERS			2-5-1910	10	J. E. MOORE	
46	BARBER LUMBER CO.	PENITENTIARY	90	6-1-66	2-4-1910	112	BARBER LUMBER CO.	
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
50	SETTLERS	SETTLERS			6-7-1910	20	J. P. CLEEK	
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	30	J. A. CARTRIGHT	
71	UPPER CENTER POINT	EUREKA NO. 2	24	6-1-65	3-14-1911	40	J. D. ROLAND	CHANGE IN POINT OF DIVERSION ONLY
105	SIEBENBERG	CANYON DITCH	9	6-1-65	9-18-1912	25	H. E. MEEK	
111	EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	60	H. L. RANDALL & OTHERS	
111	PIONEER DIXIE	HILLCREST	8	9-1-64)	11-25-1912)	1017	H. L. RANDALL & OTHERS	
111	"	"	45	6-1-69)	11-25-1912)			
136	JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	1000	BOISE FRUIT TRACT CO.	
219	PIONEER IRRIG. DIST.	PIONEER IRRIG. DIST.			7-15-1918	432	PIONEER IRRIG. DIST.	LICENSED RIGHT INDIAN CREEK
300	MIDDLETON MILL	DRY CREEK			4-20-1921	17.5	EMMA M. FOWLER	
301	MIDDLETON MILL	DRY CREEK			4-20-1921	77	JOHN F. GROOME	
347	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	C. E. WHITE	
349	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	FRANK WEASEL	
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	CARL A. GISH	
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5-1925	10	NELLIE B. WHITAKER	
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2	HENRY W. BARTLETT	
373	BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	18.7	L. A. RICE	
374	MIDDLETON WATER #1	FARMERS UNION	65	6-1-77	5-6-1926	20	H. D. PARKS	
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10	A. G. WING	
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	MARY F. LEACH	
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13.3	H. E. MCCONNELL	
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	H. W. BARTLETT	
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	E. E. SMITH	
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	8-13-1926	7.5	RUSH CHASE	
			54)	6-1-71)				
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20	FRED EGGERS	
393	MIDDLETON MILL	FARMERS UNION	3)	6-1-54)	9-15-1926	14.4	A. C. BOWERMAN	
393	MIDDLETON MILL	FARMERS UNION	54)	6-1-71)				
393	MIDDLETON MILL	FARMERS UNION	120)	6-1-91)				
393	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25	G. R. MCGUIRE	
412	THURMAN	SETTLERS	81	6-1-82	12-2-1927	20	CHAS. P. MACE	
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
466	RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	495	W. H. TULLER	
468	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5	C. C. WOOD	
477	SETTLERS	SETTLERS	92	10-17-84	11-18-1929	10	CHASE N. WALKER	
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3	FRANK P. WEASEL	
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	30	W. SCOTT ANDERSON	
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25	FARMERS UNION DITCH	
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-1934	15	A. B. WHITNEY	
542	FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.97	FEDERAL LAND BANK	
593	JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	10	BOISE TRUST CO.	SOMERMEIR
593	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10	BOISE TRUST CO.	FALK
608	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	30	W. F. TRACY	
644	RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35	S. E. SMITH	
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL	LARSON TRACT
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	30	W. W. HOWELL	HAMMING TRACT
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL	BUDGE TRACT

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 29

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO	NO.	DATE				
660	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-11-1944	30	D. W. BALDWIN	
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	8	W. W. HOWELL	KENNETH O. EARL
694	"	"	30	5-1-66	4-29-1946	6	"	L. R. FENKES
694	"	"	30	5-1-66	4-29-1946	7	"	D. G. STARK
694	"	"	30	5-1-66	4-29-1946	13	"	G. W. KYLE
701	"	NEW YORK	30	5-1-66	12-20-1946	100	"	REX JENSON (BOISE-KUNA IRRIG. DIST.)
702	"	SETTLERS	30	5-1-66	12-20-1946	30	"	MRS. EDITH CURTIS
712	"	"	30	5-1-66	6-14-1947	10	"	CLYDE SIMPSON
712	"	"	30	5-1-66	6-14-1947	10	"	JOHN DEMOND
712	"	"	30	5-1-66	6-14-1947	25	"	LEN SIMPSON
713	"	NEW DRY CREEK	30	5-1-66	6-14-1947	27	"	J. S. BEEDE
717	SIEBENBERG	FARMERS CO-OP	9	6-1-65	11-25-1947	32	R. M. TUCKER	
720	CONSUMERS	SETTLERS	30	5-1-66	5-4-1948	10	W. W. HOWELL	W. E. DOTY
720	"	"	30	5-1-66	5-4-1948	10	"	TOM ERQUIAGA
720	"	"	30	5-1-66	5-4-1948	7	"	LOUIS ODERMOTT
720	"	"	30	5-1-66	5-4-1948	10	"	W. H. CALDWELL
720	"	"	30	5-1-66	5-4-1948	20	"	NORMAN C. STEELE
720	"	"	30	5-1-66	5-4-1948	10	"	GEORGE BERT ROYLANCE
736	THURMAN MILL	"	37	6-1-68	3-9-1949	30	AIRCRAFT SERVICE CO.	
737	CONSUMERS	"	30	5-1-66	3-9-1949	55	W. W. HOWELL	
739	"	"	30	5-1-66	4-2-1949	7.5	"	
739	"	"	30	5-1-66	4-14-1950	23	J. R. FIELD	8" HAGER TRACT, 13" KIMBLE TRACT
754	"	MIDDLETON MILL	30	5-1-66	4-14-1950	20	J. R. FIELD	BRINK TRACT
790	HILLCREST	NEW YORK	8	9-1-64	3-28-1952	1000	FOREST SOWER	
790	"	"	45	6-1-69	3-28-1952	17	"	
790	"	"	96	10-1-87	3-28-1952	60	"	
823	CONSUMERS	"	30	5-1-66	7-13-1954	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
829	"	SETTLERS	30	5-1-66	9-3-1954	24	"	10" TO THE GOLDEN KENT TRACT AND 14" TO THE EDMUND BUCKLEY TRACT
871	THURMAN MILL	"	36	6-1-68	10-2-1956	14.4	J. FRANK BRYCE	
872	"	"	36	6-1-68	10-2-1956	11	GEORGE D. KEYSER, JR.	
873	CONSUMERS	"	30	5-1-66	10-2-1956	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
890	"	"	30	5-1-66	7-11-1957	5	FRANCIS H. NEITZEL	R. S. POTTER TRACT
906	"	"	30	5-1-66	4-3-58	5	"	R. W. WHITE TRACT
917	"	"	30	5-1-66	12-15-58	10	"	EDWARD C. MAW & F. LEROY SPRAGUE TRACT
918	"	"	30	5-1-66	12-15-58	1.25	"	H. P. IRBY TRACT
940	"	"	30	5-1-66	2-15-60	2.5	"	EARL M. & DELLA LUKEMART TRACT
976	"	NEW YORK	30	5-1-66	1-17-62	75	G. S. TAYLOR	SYMMS FRUIT RANCH, INC.
977	"	SETTLERS	30	5-1-66	1-17-62	10	"	EVERETT RAMBO TRACT
979	"	"	30	5-1-66	2-23-62	5	"	R. E. DAISY M. THOMPSON TRACT
980	"	"	30	5-1-66	2-23-62	6	"	CHESNEY LITTLE TRACT
989	"	"	30	5-1-66	5-29-62	10	"	THERION E. CHRISTENSEN TRACT
990	"	"	30	5-1-66	7-5-62	4	"	LYLE F. TRAPP TRACT
991	"	"	30	5-1-66	7-5-62	8	"	CHARLES G. HYDE TRACT
1007	"	NEW YORK	30	5-1-66	4-17-63	30	"	GLENN DRAPER
1009	NEW DRY CREEK	DRAIN DITCH	73-A	4-1-80	5-16-63	5	NEW DRY CREEK	R. B. BETTY
1010	CONSUMERS	NEW YORK	30	5-1-66	6-14-63	100	G. S. TAYLOR	JOHN DOBSON
1011	"	RIVER	30	5-1-66	6-3-63	150	"	SURPRISE VALLEY FARMS
1017	"	NEW YORK	30	5-1-66	9-26-63	30	"	FRANCIS HERMAN
1035	"	MORE'S CREEK	30	5-1-66	9-4-64	100	"	CARL NICHOLSON
1038	"	PHYLLIS	30	5-1-66	10-28-64	1085.75	"	PIONEER IRRIGATION DIST.
1048	BOISE CITY	FARMERS UNION	33	6-1-66	5-20-65	4.38	BOISE CITY CANAL	LEATHERMAN & BINGMAN
1059	"	"	33	6-1-66	10-28-65	5.00	"	W. T. & HATTIE M. SPRINGER

STEWART DECREE

CHART NO. 24

NO.	DATE	NAME	AMOUNT DECREED		NO.	DATE	NAME	AMOUNT DECREED		NO.	DATE	NAME	AMOUNT DECREED	
			SEC. FT.	INCHES				SEC. FT.	INCHES				SEC. FT.	INCHES
1.	X6-1-64	THOMAS DAVIS	2.20	110	46.	6-1-69	MASON CREEK DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000
2.	X6-1-64	JACOBS CANAL CO.	20.00	1000	47.	X6-1-69	T. W. BOONE	3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4959
3.	X6-1-64	MIDDLETON MILL DITCH	12.80	640	48.	6-1-70	W. J. HAMMING	2.60	130	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761
4.	X6-1-64	THOMAS ANDREWS	3.30	165	49.	6-1-70	PIONEER CANAL	25.72	1286	94.	6-1-86	THOMAS DAVIS	13.40	670
5.	X6-1-64	CATLIN & MACE	2.86	143	50.	6-1-69	BARBER LUMBER CO.	2.24	112	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
6.	X6-1-64	T. C. CATLIN	3.30	165	51.	X6-1-70	THOMAS ANDREWS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
7.	X6-1-64	C. C. HAVIRD	3.30	165	52.	6-1-71	CATLIN & MACE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393
8.	X9-1-64	PIONEER DIXIE DITCH CO.	20.00	1000	53.	6-1-71	PETER MEEVES	1.80	90	98.	6-1-88	A. V. LINDER	4.00	200
9.	X6-1-65	STEBENBERG DITCH CO.	13.42	671	54.	6-1-71	MIDDLETON MILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH	1.30	65
10.	X6-1-65	ALLEN V. WEBSTER	1.20	60	55.	6-1-72	J. F. YARYAN	.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70
11.	X6-1-65	U. F. YARYAN	.66	33	56.	6-1-72	J. F. YARYAN	1.40	70	101.	6-1-88	ED. J. LINDER	1.46	73
12.	X6-1-65	GRAHAM & GILBERT	4.40	220	57.	6-1-72	MARY C. DAVIS	4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20	60
13.	X6-1-65	EUREKA WATER CO.	33.32	1666	58.	6-1-72	EDWARD N. HART	3.30	165	103.	6-1-88	JESSIE WILSON	1.40	70
14.	X6-1-65	NEW UNION DITCH CO.	13.76	688	59.	X6-1-74	J. W. BOONE	2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45
15.	X6-1-65	BOISE VALLEY IRRIG. DITCH CO.	54.38	2729	60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
16.	X6-1-65	RIDENBAUGH & ROSSI	9.20	460	61.	6-1-76	EDWARD & MARY CLARK	2.30	115	106.	8-20-88	NAMPA MERIDIAN IRRIG. DIST.	370.84	18542
17.	X6-1-65	RIDENBAUGH & ROSSI (POWER)	265.80	13290	62.	6-1-76	JOHN CECIL	.44	22	107.	5-1-89	CHAS. S. MILLER	.06	3
18.	X6-1-65	DENVER & IDAHO LAND CO.	.80	40	63.	6-1-77	THOMAS AIKENS	3.20	260	108.	5-1-89	LOMMIS S. HOSELEY	.02	1
19.	X6-1-65	MARTHA BOWMAN	2.88	144	64.	6-1-77	W. H. CONWAY	.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40	120
20.	X6-1-65	BIRD BOWMAN	6.40	320	65.	6-1-77	MIDDLETON WATER CO.	114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
21.	X6-1-65	G. W. GESS	2.90	145	66.	7-1-77	PERRAULT & JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
22.	X6-1-65	ROBERT MCGUIRE	3.20	160	67.	5-1-78	NAMPA MERIDIAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05	2
23.	X6-1-65	G. W. COOPER	3.20	160	68.	X6-1-78	JOHN MAMMON	4.20	210	113.	5-1-89	GRACE CALL	.10	5
24.	X6-1-65	J. W. ROLAND	2.40	120	69.	X6-1-78	JULIA MAMMON	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1
25.	X6-1-65	DRAPER & WELLS	3.94	197	70.	X6-1-78	CHARLES ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN	.06	3
26.	X6-1-65	THOMAS J. PALMER	1.60	80	71.	X6-1-78	R. H. STOCKTON	4.40	220	116.	6-1-89	SONORA JOPLIN	4.20	60
27.	X6-1-65	NOAH W. PALMER	1.58	79	72.	6-1-79	NEW DRY CREEK DITCH CO.	31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
28.	X6-1-65	J. N. TUCKER	7.00	350	73.	X6-1-79	D. MUMFORD	4.00	200	118.	6-1-91	W. H. CONWAY	2.20	110
29.	X6-1-65	THOMAS ANDREWS	6.00	300	74.	X6-1-80	SMITH STOCKTON	1.76	88	119.	6-1-91	THOMAS DAVIS	.54	27
30.	X5-1-66	J. PERRAULT & R. JOHNSON	30.00	2500	75.	6-1-80	ISHAM JOPLIN	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00	850
31.	X6-1-66	WILLIAM P. KENNEDY	2.60	130	76.	10-20-80	JOSEPH GOBLE	.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50	175
32.	X6-1-66	MANVILLE & LEONARD	3.30	175	77.	10-29-80	FRANKLIN DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	75.44	3672
33.	6-1-66	BOISE CITY CANAL CO.	38.06	1903	78.	6-1-82	ALLEN V. WEBSTER	.90	45	123.	6-1-91	THOMAS AIKEN	.80	40
34.	6-1-66	FRANKLIN DITCH CO.	13.40	770	79.	6-1-82	SUSIE CAMPBELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.80	4000
35.	6-1-67	CANYON CO. WATER CO.	75.80	3790	80.	6-1-82	J. T. BARBER	1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76	88
36.	6-1-68	MARTHA E. MCCARTHY	14.10	705	81.	6-1-82	SONORA JOPLIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
37.	6-1-68	H. D. & DORA GOODMAN	3.70	185	82.	6-1-82	S. W. HUTCHINSON	.44	22	127.	5-1-95	CHARLES REIN & JANE KEON	1.00	50
38.	X6-1-68	T. T. JOHNSON	3.20	160	83.	6-1-82	JOHNSON	.44	22	128.	7-1-95	MATHEW CASEY	.66	33
39.	X6-1-68	ROSS, ALLEN, DILLEY & ROSS	8.34	427	84.	6-1-82	ANDREW J. JOPLIN	2.86	143	129.	X7-1-96	FARMERS CO-OP. DITCH CO.	83.50	4175
40.	6-1-68	S. S. GRAY	1.40	70	85.	6-1-82	JAMES L. GRAHAM	2.20	110	130.	X18-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
41.	X6-1-69	JOHN MAMMON	1.80	90	86.	X6-1-83	FARMERS CO-OP DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
42.	6-1-69	ISAAC BEDAL	1.60	80	87.	6-8-83	FRANCIS M. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
43.	X6-1-69	FREDERICH ODE	3.60	180	88.	X6-1-83	W. A. BLACK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
44.	X6-1-69	PRIOR BURNETT	8.30	425	89.	X11-9-83	EUREKA DITCH CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.	3.34	277
45.	X6-1-69	PIONEER DIXIE DITCH CO.	33.44	1772	90.	6-1-84	PIONEER IRRIG. DIST.	33.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34	2817
										136.	5-1-06	H. E. WINER	.356	17.80
										137.	5-1-09	B. P. WEAVERLING	1.60	80
										138.	6-14-12	WESLEY A. MACE	.40	20
										139.	4-1-15	ISLAND HIGHLINE DITCH CO.	10.00	500

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	
						STEWART DECREE	BRYAN DECREE		
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		.7506		37.53	
			136	5-1-1906	.356			17.8	
	57		65	6-1-1877	.60			30	
	64*		102	6-1-1888	.20*			10*	
	140*		85-D	5-1-1883		.06*		3*	
	151		124-A	5-1-1893		.135		6.75	
	161*		103	6-1-1888	.65*			32.5*	
	174*		103	6-1-1888	.24*			12*	15.2516
R. B. BETTY		1009	73-A	5-1-1866		.10		5	.10
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 NO.	PRIORITY DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
BOISE RIVER								
CRAWFORTH PUMP	227	114-A	5-1-1889		1.60		80	1.60
EARL F. & OTTO W. RODEL		59-A	5-1-1875		3.20		160	3.20
SURPRISE VALLEY FARMS		1011 30	5-1-1866	3.00			150	3.00
BOISE VALLEY LICENSED RIGHT #15242		15 243	6-1-1865 7-19-1921	54.58		(1.20)	2729 60	55.78
BOONE DITCH		28 47 59	6-1-1865 6-1-1869 6-1-1874	7.00 3.50 2.20			350 175 110	12.70
BOWMAN & SWISHER	50 51 127* 224	19 20 20 89	6-1-1865 6-1-1865 6-1-1865 11-9-1889	2.88 6.40 .80* .90			144 320 40* 45	9.38
BUBB (SOUTH BOISE)		107 108 109 110 111 112 113 114 8-B 29-B 51-A 116-A	5-1-1889 5-1-1889 5-1-1889 5-1-1889 5-1-1889 5-1-1889 5-1-1889 5-1-1889 4-1-1865 4-1-1865 1870 4-1-1889 4-1-1905	.06 .02 2.40 6.00 2.94 .05 .10 .03 1.80 .50 1.00 .84			3 1 120 300 147 2.5 5 1.5 90 25 50 42	21.14
						5.40	270	

*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	
CALDWELL HIGH LINE			34	6-1-1866	15.40			770
			46	6-1-1869	37.20			1860
			77	10-29-1880	27.60			1380
	29*				1.00*			50*
								79.20
CAMPBELL (CANYON DITCH CO.)			132	5-17-1900	10.00			500
			134	10-25-1901	5.54			277
		38	96	10-1-1887	12.10			605
		105	9	6-1-1865	.50			25
								28.14
CANYON COUNTY			35	6-1-1867	75.80			3790
			35-A	6-1-1867		1.76		88
	29				1.00			50
	36*		35	6-1-1867	.38*			19*
	34*		35	6-1-1867	1.11*			55.5*
	39		31	6-1-1866	2.60			130
	75				.50			25
	147		35	6-1-1867	.20			10
								80.37

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

					AMOUNT DECREED			
NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DECREE	INTERVENORS		TOTAL SEC. FT.
			NO.	DATE		STEWART DECREE	BRYAN DECREE	
CRUZEN (CONSUMERS)			30	5-1-1866	50.00			2500
	654*	30	5-1-1866		.50*			25*
	654*	30	5-1-1866		1.00*			50*
	654*	30	5-1-1866		.50*			25*
	694*	30	5-1-1866		.12*			6*
	694*	30	5-1-1866		.16*			8*
	694*	30	5-1-1866		.14*			7*
	694*	30	5-1-1866		.26*			13*
	701*	30	5-1-1866		2.00*			100*
	702*	30	5-1-1866		.60*			30*
	712*	30	5-1-1866		.20*			10*
	712*	30	5-1-1866		.20*			10*
	712*	30	5-1-1866		.50*			25*
	713*	30	5-1-1866		.54*			27*
	720*	30	5-1-1866		1.34*			67*
	737*	30	5-1-1866		1.10*			55*
	739*	30	5-1-1866		.15*			7.5*
	753*	30	5-1-1866		.46*			23*
	754*	30	5-1-1866		.40*			20*
	823*	30	5-1-1866		6.00*			300*
	829*	30	5-1-1866		.48*			24*
	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*
	976*	30	5-1-1866		1.50*			75*
	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*
	1007*	30	5-1-1866		1.00*			50*
	1010*	30	5-1-1866		2.00*			100*
	1011*	30	5-1-1866		3.00*			150*
	1017*	30	5-1-1866		.60*			30*
	1035*	30	5-1-1866		2.00*			100*
	1038*	30	5-1-1866		21.715*			1085.75*

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER NO.	PRIORITY DATE	AMOUNT DECREED			TOTAL SEC. FT.
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
DAVIS		94	6-1-1886	13.40			670
(LITTLE DAVIS)		119	6-1-1891	.54			27
<u>EAGLE ISLAND CANALS</u>							
THOS AIKEN		63	6-1-1877	5.20			260
CATLIN & MACE		5	6-1-1864	2.86			143
		52	6-1-1871	7.86			393
	179*	51	6-1-1864				
		52)	6-1-1871	.24*			12*
		138	6-14-1912	.40			20
							10.88
CONWAY & HAMMING		48	6-1-1870	2.60			130
		64	6-1-1877	.90			45
		118	6-1-1891	2.20			110
							5.70
GRAHAM & GILBERT		12	6-1-1865	4.40			220
							4.40
HART & DAVIS		6	6-1-1864	3.30			165
		57	6-1-1872	4.40			220
		58	6-1-1872	3.30			165
	38*)						
	39*)			1.04*			52*
							9.96
JOPLIN		81	6-1-1882	.80			40
		115	6-1-1889	.06			3
		116	6-1-1889	1.20			60
							2.06
LEMP DITCH		29-A	1865		6.00		300
							6.00
MACE & MACE		137	5-1-1909	1.60			80
							1.60

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
EAGLE ISLAND CANALS								
SEVEN SUCKERS	38				1.04			52
	39							
	179		5)	6-1-1864	.24			12
			52)	6-1-1871				1.28
EUREKA NO. 1			13	6-1-1865	33.32			1666 33.32
EUREKA NO. 2			89	11-9-1883	21.70			1085
		47	96	10-1-1887	29.50			1475
		62	96	10-1-1887	1.00			50
		71	24	6-1-1865	.80			40
	85			6-1-1865	.50			25
		111*	96	10-1-1887	1.20*			60*
	131*		89	11-9-1883	.70*			35*
	159			6-1-1865	.10			5
	175		88	6-1-1883	1.70			85
	224*		89	11-9-1883	.90*			45*
	245*		89	11-9-1883	.60*			30*
	287*		89	11-9-1883	1.40*			70*
	289*		89	11-9-1883	.50*			25* 50.00

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES
FARMERS UNION			126	7-2-1894	110.00			5500
		136	2	6-1-1864	20.00			1000
		370	33	6-1-1866	1.124			56.2
		373	33	6-1-1866	.374			18.7
		374	65	6-1-1877	.40			20
		375	65	6-1-1877	.20			10
		384	65	6-1-1877	.40			20
		385	65	6-1-1877	.266			13.3
		386	65	6-1-1877	.40			20
		387	65	6-1-1877	.40			20
		391	31	6-1-1864				
		391	541	6-1-1871	.15			7.5
		393	3	6-1-1864				
		393	54	6-1-1871	.288			14.4
		393	120	6-1-1891				
		395	65	6-1-1877	.50			25
		430*	65	6-1-1877	.25*			12.5*
	84		65	6-1-1877	.80			40
		512	1	6-1-1864	1.00			50
		513	1	6-1-1864	.50			25
		530	1	6-1-1864	.30			15
				7-2-1894			54.46	2723
	1048		33	6-1-1866	.0875			4.375
	1059		33	6-1-1866	.10			5 191.4995
HAAS DITCH			39	6-1-1868	8.54			427
	176		70	6-1-1878	8.80			440 17.34
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150
			197-A	4-1-1910		7.00		350
			139	4-1-1915	10.00			500 20.00
LARSEN-BAXTER-LEMP			75-A	1880		3.20		160
			20	6-1-1865	.80			40 4.00
LAWRENCE & KENNEDY			31-C	6-1-1866		1.10		55 1.10
(DOES NOT DIVERT FROM RIVER - NO CHARGE)								
LITTLE PIONEER			49	6-1-1870	25.72			1286 25.72

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	NO.	PRIORITY DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
LOWER CENTER POINT			19	6-1-1865	2.88			144	
			20	6-1-1865	6.40			320	
			21	6-1-1865	2.90			145	
			22	6-1-1865	3.20			160	
			38	6-1-1868	3.20			160	
			43	6-1-1869	3.60			180	
			73	6-1-1879	4.00			200	
	50*		19	6-1-1865	2.88*			144*	
	51*		20	6-1-1865	6.40*			320*	
	131		89	11-9-1883	.70			35	
245		89	11-9-1883	.60			30	18.20	
HAMMON			41	6-1-1869	1.80			90	
			68	6-1-1878	4.20			210	
			69	6-1-1878	3.36			168	
			70	6-1-1878	8.80			440	
	176*		70	6-1-1878	8.80*			440*	9.36
MANVILLE-LEONARD MARSTERS DITCH			32	6-1-1866	3.50			175	3.50
			85-A	6-1-1882		1.60		80	
	83*		85-A	6-1-1882		.72*		36*	.88
MEEVES			53	6-1-1871	1.80			90	1.80
MIDDLETON MILL			3	6-1-1864	12.80			640	
			40	6-1-1868	1.40			70	
			54	6-1-1871	39.70			1685	
			120	6-1-1891	17.00			850	
	54		35	6-1-1867	1.11			55.5	
	75*				.50*			25*	
	147*		35	6-1-1867	.20*			10*	
		300*	3)	6-1-1864					
		300*	54)	6-1-1871	.35*			17.5*	
		300*	120)	6-1-1891					
		301*	3	6-1-1864)					
		301*	54	6-1-1871)	1.54*			77*	
		301*	120	6-1-1891)					
		347*	3	6-1-1864	.14*			7*	
		349*	3	6-1-1864	.14*			7*	
		350*	3	6-1-1864	.14*			7*	
		391*	3	6-1-1864)					
		391*	54	6-1-1871)	.15*			7.5*	
		393*	3)	6-1-1864					
		393*	54)	6-1-1871	.288*			14.4*	
		393*	120)	6-1-1891					
		754	30	5-1-1866	.40			20	
			123-A	5-15-1893		1.60		80	64.562

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

AMOUNT DECREED										
NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		INTERVENORS			INCHES	TOTAL SEC. FT.	
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE			
MIDDLETON WATER			65	6-1-1877	114.08			5704		
	36		35	6-1-1867	.38			19		
	57*		65	6-1-1877	.60*			30*		
	61		31-B	6-1-1866		.60		30		
	84*		65	6-1-1877	.80*			40*		
	126		31-A	6-1-1866		2.30		115		
		357*	65	6-1-1877	.20*			10*		
		374*	65	6-1-1877	.40*			20*		
		375*	65	6-1-1877	.20*			10*		
		384*	65	6-1-1877	.40*			20*		
		385*	65	6-1-1877	.266*			13.3*		
		386*	65	6-1-1877	.40*			20*		
		387*	65	6-1-1877	.40*			20*		
		392*	65	6-1-1877	.40*			20*		
		395*	65	6-1-1877	.50*			25*	112.794	
	NEW DRY CREEK			72	6-1-1879	31.32			1566	
				93	6-1-1886	15.22			761	
				97	6-1-1888	7.86			393	
			129-A		4-1-1897		.54		27	
		73-A		4-1-1880		.54		27		
		75-A		6-1-1880		1.816		90.8		
		85-C		5-1-1883		.203		10.15		
		85-E		5-1-1883		.35		17.5		
		124-A		5-1-1893		.825		41.25		
		300	3	6-1-1864						
		300	54	6-1-1871	.35			17.5		
		300	120	6-1-1891						
		301	3)	6-1-1864						
		301	54)	6-1-1871	1.54			77		
		301	120)	6-1-1891						
64			102	6-1-1888	.20			10		
140			85-D	5-1-1883		.06		3		
151*			124-A	5-1-1893		.135*		6.75*		
161			103	6-1-1888	.63			32.5		
174			103	6-1-1888	.24			12		
		713	30	5-1-1866	.54			27		
1009*			73-A	4-1-1880		.10*		5*	62.019	
NEW UNION			14	6-1-1865	13.76			688	13.76	

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL INCHES SEC. FT.	
NEW YORK		131	3-23-1900	219.10				10955	
			3-23-1900				58.86	2943	
			12-14-1903				1354.58	67729	
			6-16-1909				926.50	46325	
		111	8	9-1-1864)	20.34			1017	
			45	6-1-1869)					
		111	96	10-1-1887	7.20			60	
		466	106	8-20-1888	8.90			445	
		701	30	5-1-1866	2.00			100	
		823	30	5-1-1866	6.00			300	
		976	30	5-1-1866	1.50			75	
		1007	30	5-1-1866	1.00			50	
		1010	30	5-1-1866	2.00			100	
		1017	30	5-1-1866	.60			30	2602.58
O'DONNELL DITCH		114-A	5-1-1889			1.60		80	
		114-B	5-1-1889			.80		40	
	227*	114-A	5-1-1889			1.60*		80*	
	257*	114-B	5-1-1889			.80*		40*	0.00
PARMA DITCH		71	6-1-1878	4.40				220	
		74	6-1-1880	1.76				88	
		125	6-1-1894	1.76				88	
		77-A	6-1-1881			1.60		80	
		77-B	6-1-1881			.34		17	
		77-C	6-1-1881			.80		40	
		77-D	6-1-1881			1.30		65	
	257	114-B	5-1-1889			.80		40	12.76
PENITENTIARY	46	50	6-1-1866	2.24			112	2.24	
PHYLLIS		90	6-1-1884	53.10				2655	
		117	9-1-1890	200.00				10000	
		135	4-1-1904	56.34				2817	
			4-1-1905				306.56	15328	
			4-1-1908				54.50	2725	
		1038	30	5-1-1866	21.715			1086	692.215

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	
						STEWART DECREE	BRYAN DECREE		
PIONEER DIXIE			8	9-1-1864	20.00			1000	
			45	6-1-1869	35.44			1772	
		36	96	10-1-1887	2.00			100	
		48	96	10-1-1887	4.20			210	
		62*	96	10-1-1887	1.00*			50*	
		111*	8)	6-1-1864					
			45)	6-1-1869	20.34*			1017*	
		608	88	6-1-1883	1.00			50	
		644	88	6-1-1883	.70			35	
		660	88	6-1-1883	.60			30	
	35*				2.00*			100*	
	148*		96	10-1-1887	1.50*			75*	39.10
RIDENBAUGH (NAMPA & MERIDIAN)			67	5-1-1878	170.00			8500	
			106	8-20-1888	370.84			18542	
		392	65	6-1-1877	.40			20	
	152		47-A	4-1-1870		.80		40	
	153		127	5-1-1895	1.00			50	
	154		8-A	4-1-1865		.80		40	
		466*	106	8-20-1888	8.90*			445*	
		595	1	6-1-1864	.20			10	535.14
RIVERSIDE			88	6-1-1883	12.00			600	
			91	6-1-1884	20.00			1000	
			95	1-23-1887	4.00			200	
			124	5-1-1893	80.00			4000	
			130	10-1-1899	20.00			1000	
			133	6-1-1901	70.00			3500	
			77-E	4-15-1882		3.674		183.7	
			116-A	6-1-1890		.72		36	
			116-B	6-1-1890		.10		5	
			116-C	6-1-1890		.40		20	
				4-1-1910			63.78	3189	
				4-1-1914			17.70	885	
		608*	88	6-1-1883	1.00*			50*	
		644*	88	6-1-1883	.70*			35*	
		660*	88	6-1-1883	.60*			30*	
35				2.00			100		
175*		88	6-1-1883	1.70*			85*	290.374	

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

<u>NAME OF CANAL</u>	<u>CHANGE IN P. OF D.</u>	<u>TRANSFER</u>	<u>PRIORITY</u>		<u>AMOUNT DECREED</u>			<u>TOTAL SEC. FT.</u>
			<u>NO.</u>	<u>DATE</u>	<u>STEWART DECREE</u>	<u>INTERVENORS STEWART DECREE</u>	<u>BRYAN DECREE</u>	
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
							154.45	
		717	9	6-1-1865	.64			32
								318.59

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	PRIORITY		AMOUNT DECREED			TOTAL INCHES	TOTAL SEC. FT.
		TRANSFER NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
SETTLERS		92	10-17-1884	99.06			4953	
		122	6-1-1891	73.44			3672	
		347	3 6-1-1864	.14			7	
		349	3 6-1-1864	.14			7	
		350	3 6-1-1864	.14			7	
		357	65 6-1-1877	.20			10	
		412	81 6-1-1882	.40			20	
	76	85-B	4-1-1883		1.00		50	
	83	85-A	6-1-1882		.72		36	
		430	65 6-1-1877	.25			12.5	
		595	1 6-1-1864	.20			10	
		654	30 5-1-1866	.50			25	
		654	30 5-1-1866	1.00			50	
		654	30 5-1-1866	.50			25	
		694	30 5-1-1866	.16			8	
		694	30 5-1-1866	.12			6	
		694	30 5-1-1866	.14			7	
		694	30 5-1-1866	.26			13	
		702	30 5-1-1866	.60			30	
		712	30 5-1-1866	.20			10	
		712	30 5-1-1866	.20			10	
		712	30 5-1-1866	.50			25	
		720	30 5-1-1866	1.34			67	
		736	37 6-1-1868	1.00			50	
		737	30 5-1-1866	1.10			55	
		739	30 5-1-1866	.15			7.5	
		753	30 5-1-1866	.46			23	
		829	30 5-1-1866	.48			24	
		871	36 6-1-1868	.288			14.4	
		872	36 6-1-1868	.22			11	
		873	30 5-1-1866	.20			10	
		890	30 5-1-1866	.10			5	
		906	30 5-1-1866	.10			5	
		917	30 5-1-1866	.20			10	
		918	30 5-1-1866	.025			1.25	
		940	30 5-1-1866	.05			2.5	
		977	30 5-1-1866	.20			10	
		979	30 5-1-1866	.10			5	
		980	30 5-1-1866	.12			6	
		989	30 5-1-1866	.20			10	
		990	30 5-1-1866	.08			4	
		991	30 5-1-1866	.16			8	186.449
SIEBENBERG		9	6-1-1865	13.42			671	
		105*	9 6-1-1865	.50*			25*	
		717*	9 6-1-1865	.64*			32*	12.28

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			INCHES	TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS			
						STEWART DECREE	BRYAN DECREE		
THURMAN MILL			7	6-1-1864	3.30			165	
			10	6-1-1865	1.20			60	
			11	6-1-1865	.66			33	
			36	6-1-1868	14.10			705	
			37	6-1-1868	3.70			185	
			42	6-1-1869	1.60			80	
			55	6-1-1872	.70			35	
			56	6-1-1872	1.40			70	
			62	6-1-1876	.44			22	
			75	6-1-1880	2.40			120	
			76	10-20-1880	.90			45	
			78	6-1-1882	.90			45	
			79	6-1-1882	.60			30	
			81	6-1-1882	2.60			130	
			84	6-1-1882	1.50			75	
			87	6-1-1883	.90			45	
			128	7-1-1895	.66			33	
		412*	81	6-1-1882	.40*			20*	
		736*	37	6-1-1868	1.00*			50*	
		871*	36	6-1-1868	.288*			14.4*	
		872*	36	6-1-1868	.22*			11*	35.652
UPPER CENTER POINT			23	6-1-1865	3.20			160	
			24	6-1-1865	2.40			120	
			25	6-1-1865	3.94			197	
			26	6-1-1865	1.60			80	
			27	6-1-1865	1.58			79	
		71*	24	6-1-1865	.80*			40*	
	85*			6-1-1865	.50*			25*	
	148	96	10-1-1887	1.50			75		
	159*		6-1-1865	.10*			5*		
	287	89	11-9-1883	1.40			70		
	289	89	11-9-1883	.50			25	14.72	
WARM SPRINGS SLOUGH			61	6-1-1876	2.30			115	
			80	6-1-1882	1.60			80	
			82	6-1-1882	.44			22	
			83	6-1-1882	.44			22	
			84	6-1-1882	1.36			68	
			85	6-1-1882	2.20			110	8.34

*SUBTRACT

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1	THOMAS DAVIS	1	2.20	1.65	1.32		1152.58	1465.17
2	JACOBS CANAL CO.*	1	20.00	20.00	20.00			
3	MIDDLETON HILL DITCH CO.	1	12.80	9.60	7.68		1154.50	1468.37
4	THOMAS ANDREWS	3	3.30	2.48	1.98			
5	CATLIN & MACE	1	2.86	2.15	1.72		1154.93	1469.09
6	T. C. CATLIN	1	3.30	2.48	1.98		1155.43	1469.92
7	C. C. HAVIRD	1	3.30	2.48	1.98		1155.93	1470.75
8	PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00			1475.75
8A	ADOLPH BAHLER	1	.80	.60	.48		1156.05	1475.95
8B	FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08		1156.32	1476.40
9	SIEBENDERS	2	13.42	10.07	8.05			1479.76
10	ALLEN V. WEBSTER	1	1.20	.90	.72		1156.50	1480.06
11	J. F. YARYAN	1	.66	.50	.40		1156.60	1480.23
12	GRAHAM & GILBERT	1	4.40	3.30	2.64		1157.26	1481.33
13	EUREKA WATER CO.	1	33.32	24.99	19.99		1162.26	1489.66
14	NEW UNION DITCH CO.	1	13.76	10.32	8.26		1164.32	1493.10
15	BOISE VALLEY IRR. CO.	1	54.58	40.94	32.75		1172.51	1506.75
16	RIDENBAUGH & ROSSI	1	9.20	6.90	5.52		1173.89	1509.05
17	RIDENBAUGH & ROSSI (POWER)	1						
18	DENVER & IDAHO LAND CO.	1	.80	.60	.48		1174.01	1509.25
19	MARTHA BOWMAN	2	2.88	2.16	1.73			1509.97
20	BIRD BOWMAN	2	6.40	4.80	3.84			1511.57
21	G. W. GESS	2	2.90	2.18	1.74			1512.30
22	ROBERT MCGUIRE	2	3.20	2.40	1.92			1513.10
23	C. W. COOPER	2	3.20	2.40	1.92			1513.90
24	J. W. ROWLAND	2	2.40	1.80	1.44			1514.50
25	DRAPER & WELLS	2	3.94	2.96	2.36			1515.48
26	THOMAS J. PALMER	2	1.60	1.20	.96			1515.88
27	NOAH W. PALMER	2	1.58	1.19	.95			1516.27
28	J. N. TUCKER	3	7.00	5.25	4.20			
29	THOMAS ANDREWS	3	6.00	4.50	3.60			
29A	LOUISE SIMONSON	1	6.00	4.50	3.60		1174.91	1517.77
29B	S.G. HARDIES & AMELIA EISLEY	1	.50	.38	.30		1174.99	1517.90
30	J. PERRAULT & R. JOHNSON*	1	50.00	50.00	50.00			
31	WILLIAM P. KENNEDY	1	2.60	1.95	1.56		1175.38	1518.55
31A	WM. MUSSER	1	2.30	1.73	1.38		1175.73	1519.13
31B	MINNIE & JERRY COUZENS	1	.60	.45	.36		1175.82	1519.28
31C	ALBERT C. BOWERMAN	1	1.10	.83	.66		1175.99	1519.56
32	HANVILLE & LEONARD	1	3.50	2.63	2.10		1176.51	1520.44
33	BOISE CITY CANAL CO.	1	38.06	28.55	22.83	22.83	1182.22	1529.96
34	FRANKLIN DITCH CO.	1	15.40	11.55	9.24	32.07	1184.53	1533.81
35	CANYON COUNTY WATER CO.	1	75.80	56.85	45.48	77.55	1195.90	1552.76
35A	RALPH T. KNIGHT	1	1.76	1.32	1.06	78.61	1196.16	1553.20
36	MARTHA E. MCCARTHY	1	14.10	10.58	8.46	87.07	1198.28	1556.73
37	H. D. & DORA GOODMAN	1	3.70	2.78	2.22		1198.84	1557.66

* 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			1558.46
39	ROSS, ALLEN, DILLEY & ROSS	3	8.54	6.41	5.12			
40	S. S. GRAY	1	1.40	1.05	.84	90.13	1199.05	1558.81
41	JOHN MAMMON	3	1.80	1.35	1.08			
42	ISSAC BEDAL	1	1.60	1.20	.96	91.09	1199.29	1559.21
43	FREDERICH ODE	2	3.60	2.70	2.16			1560.11
44	PRIOR BURNETT	3	8.50	6.38	5.10			
45	PIONEER DIXIE DITCH CO.	2	35.44	26.58	21.26			1568.97
46	MASON CREEK DITCH CO.	1	37.20	27.90	22.32	113.41	1204.87	1578.27
47	T. W. BOONE	3	3.50	2.63	2.10			
47A	ADOLPH BAHLER	1	.80	.60	.48	113.89	1204.99	1578.47
48	W. J. HAMMING	1	2.60	1.95	1.56	115.45	1205.38	1579.12
49	PIONEER CANAL	1	25.72	19.29	15.43	130.88	1209.24	1585.55
50	BARBER LUMBER CO.	1	2.24	1.68	1.34	132.22	1209.58	1586.11
51	THOMAS ANDREWS	3	1.30	.98	.78			
51A	S.G.HARDIES & AMELIA EISLEY	1	1.00	.75	.60	132.82	1209.73	1586.96
52	CATLIN & MACE	1	7.86	5.90	4.72	137.54	1210.91	1588.33
53	PETER MEEVES	1	1.80	1.35	1.08	138.62	1211.18	1588.78
54	MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	158.84	1216.24	1597.21
55	J. F. YARYAN	1	.70	.53	.42	159.26	1216.35	1597.39
56	J. F. YARYAN	1	1.40	1.05	.84	160.10	1216.56	1597.74
57	MARY C. DAVIS	1	4.40	3.30	2.64	162.74	1217.22	1598.84
58	EDWARD N. HART	1	3.30	2.48	1.98	164.72	1217.72	1599.67
59	T. W. BOONE	3	2.20	1.65	1.32			
59A	EARL F. & OTTO W. ROEDEL	2	3.20	2.40	1.92			
60	FARMER'S CO-OP. DITCH CO.	2	10.00	7.50	6.00			1602.17
61	EDWARD & MARY CLARK	1	2.30	1.73	1.38	166.10	1218.07	1602.74
62	JOHN CECIL	1	.44	.33	.26	166.36	1218.14	1602.86
63	THOMAS AIKEN	1	5.20	3.90	3.12	169.48	1218.92	1604.16
64	W. H. CONWAY	1	.90	.68	.54	170.02	1219.06	1604.39
65	MIDDLETON WATER CO.	1	114.08	85.56	68.45	238.47	1236.17	1632.91
66	PERRAULT & JOHNSON (POWER)	1						
66A	J. S. KRAUS	1	.80	.60	.48	238.95	1236.29	1633.11
66C	J. W. KOLANDER	1	1.40	1.05	.84	240.27	1236.62	1633.66
66D	M. T. GRIFFITH	1	.80	.60	.48	240.75	1236.74	1633.86
67	NANPA, MERIDIAN IRRIG. DIST.	1	170.00	127.50	102.00	342.75	1262.24	1676.36
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	361.54	1266.94	1684.19
73	D. MUMFORD	2	4.00	3.00	2.40			1685.19
73A	GOMBLE & SOMBER	1	.54	.41	.32	361.86	1267.02	1685.33
74	SMITH STOCKTON	3	1.76	1.32	1.06			
75	ISHAM JOPLIN	1	2.40	1.80	1.44	363.30	1267.38	1685.93
75A	C. B. FRANK	1	1.816	1.36	1.09	363.79	1267.50	1686.19
75A	ALBERT LEMP ET AL	3	3.20	2.40	1.92			
76	JOSEPH GOMBLE	1	.90	.68	.54	364.33	1267.64	1686.36

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
77	FRANKLIN DITCH CO.	1	27.60	20.70	16.56	380.89	1271.78	1693.26
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			1694.18
78	ALLEN V. WEBSTER	1	.90	.68	.54	381.43	1271.92	1694.41
79	SUSIE CAMPBELL	1	.60	.45	.36	381.79	1272.01	1694.56
80	J. T. BARBER	1	1.60	1.20	.96	382.75	1272.25	1694.96
81	SONORA JOPLIN	1	3.40	2.55	2.04	384.79	1272.76	1695.81
82	S. W. HUTCHINSON	1	.44	.33	.26	385.05	1272.83	1695.92
83	JOHNSON	1	.44	.33	.26	385.31	1272.90	1696.03
84	ANDREW J. JOPLIN	1	2.86	2.15	1.72	387.03	1273.33	1696.75
85	JAMES L. GRAHAM	1	2.20	1.65	1.32	388.35	1273.66	1697.30
85A	LEO MARSTERS	1	1.60	1.20	.96	389.31	1273.90	1697.70
85B	JACOB BINGHAM	1	1.00	.75	.60	389.91	1274.05	1697.95
85C	WM HUCKBA	1	.203	.15	.12	390.03	1274.08	1698.00
85D	C. H. SCHMELZER	1	.7506	.56	.45	390.48	1274.19	1698.19
85E	C. W. MCCLURG	1	.35	.26	.21	390.69	1274.24	1698.28
86	FARMERS CO-OP. DITCH	2	20.00	15.00	12.00			1703.28
87	FRANCIS M. JOPLIN	1	.90	.68	.54	391.23	1274.40	1703.51
88	W. A. BLACK	2	12.00	9.00	7.20			1706.51
89	EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1711.94
90	PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	423.09	1282.35	1725.22
91	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			1730.22
92	SETTLERS CANAL CO.	1	99.06	74.30	59.44	482.53	1297.21	1754.99
93	NEW DRY CREEK	1	15.22	11.42	9.13	491.66	1299.49	1758.80
94	THOMAS DAVIS	1	13.40	10.05	8.04	499.70	1301.50	1761.15
95	WM. E., L. & E. YOUNG	2	4.00	3.00	2.40			1763.15
96	AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68			1775.10
97	NEW DRY CREEK DITCH	1	7.86	5.90	4.72	504.42	1302.68	1777.07
98	A. V. LINDER	1	4.00	3.00	2.40	506.82	1303.28	1778.07
99	LEVI SMITH	1	1.30	.98	.78	507.60	1303.48	1778.40
100	CHARLOTTE CALHOUN	1	1.40	1.05	.84	508.44	1303.69	1778.75
101	ED J. LINDER	1	1.46	1.10	.88	509.32	1303.91	1779.12
102	LIZZIE EVERETT	1	1.20	.90	.72	510.04	1304.09	1779.42
103	JESSIE WILSON	1	1.40	1.05	.84	510.88	1304.30	1779.77
104	THOMAS ANDREWS	3	.90	.68	.54			
105	FARMERS CO-OP. DITCH	2	50.00	37.50	30.00			1797.27
106	NAMPA MERIDIAN IRRIG. DIST.	1	361.94	271.46	217.16	733.38	1359.93	1884.98
106	BOARD OF CONTROL	1	8.90	6.67	5.34			
107	CHARLES S. MILLER	1	.06	.05	.04	733.42	1359.93	1885.00
108	LAMMIS L. MOSLEY	1	.02	.015	.01	733.43	1359.93	1885.00
109	S.J. UTTER & C.B. TAYLOR	1	2.40	1.80	1.44	734.87	1360.29	1885.60
110	SOUTH BOISE MUTUAL IRR. CO.	1	6.00	4.50	3.60	738.47	1361.19	1887.10
111	ESTATE OF J.H. GALLAGHER	1	2.94	2.21	1.76	740.23	1361.63	1887.84
112	ANNA H. FOGARTY	1	.05	.04	.03	740.26	1361.63	1887.85
113	GRACE CALL	1	.10	.08	.06	740.32	1361.64	1887.88

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
114	SAMUEL H. CAMFIELD	1	.03	.02	.02	740.34	1361.64	1887.88
114A	NEIL & PATRICK O'DONNELL	3	1.60	1.20	.96			
114B	GUS A. BARTH	3	.80	.60	.48			
115	SONORA JOPLIN	1	.06	.05	.04	740.38	1361.64	1887.90
116	SONORA JOPLIN	1	1.20	.90	.72	741.10	1361.82	1888.20
116A	S.G. HARDIES & AMELIA EISLEY	1	.84	.63	.50	741.60	1361.95	1888.41
116A	ANNA SPENCER	2	.72	.54	.43			1888.59
116B	WILLIS SPENCER	2	.10	.08	.06			1888.62
116C	REBECCA BELL	2	.40	.30	.24			1888.72
117	PIONEER IRRIG. DIST.	1	200.00	150.00	120.00	861.60	1391.97	1938.72
118	W. H. CONWAY	1	2.20	1.65	1.32	862.92	1392.28	1939.27
119	THOMAS DAVIS	1	.54	.41	.32	863.24	1392.36	1939.41
120	MIDDLETON MILL DITCH	1	17.00	12.75	10.20	873.44	1394.91	1943.66
121	THOMAS ANDREWS	3	3.50	2.63	2.10			
122	SETTLERS CANAL CO.	1	73.44	55.08	44.06	917.50	1405.99	1962.02
123	THOMAS AIKEN	1	.80	.60	.48	917.98	1406.05	1962.22
123A	OTTO & MARIE MULLER	1	1.60	1.20	.96			
124	RIVERSIDE IRRIG. DIST.	2	80.00	60.00	48.00			1982.22
124A	W. D. CHARTERS	1	.825	.62	.50	918.58	1406.20	1982.47
125	R. H. STOCKTON	3	1.76	1.32	1.06			
126	FARMERS UNION DITCH	1	110.00	82.50	66.00	984.58	1422.70	2009.97
127	CHARLES REIN & JAMES KEON	1	1.00	.75	.60	985.18	1422.85	2010.22
128	MATHEW CASEY	1	.66	.50	.40	985.58	1422.95	2010.39
129	FARMERS CO-OP. DITCH	2	83.50	62.63	50.10			2031.27
129A	H. E. PLAIN	1	.54	.41	.32			
130	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			2036.27
131	NEW YORK CANAL CO.	1	219.10	164.33	131.46	1117.04	1455.82	2091.03
132	CANYON DITCH CO.	2	10.00	7.50	6.00			2093.55
133	RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2111.03
134	CANYON DITCH CO.	2	5.54	4.16	3.32			2112.44
135	PIONEER IRRIG. DIST.	1	56.34	42.26	33.80	1150.84	1464.27 1530	2126.33
136	H. E. WINER	1	.356	.27	.21	1151.05	1464.32	2126.62
137	B. P. WEAVERLING	1	1.60	1.20	.96	1152.01	1464.56	2127.82
137A	ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20			
138	WESLEY A. MACE	1	.40	.30	.24	1152.25	1464.62	2127.12
139	ISLAND HIGHLINE DITCH CO.	3	10.00	7.50	6.00			

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

CHART NO. 27

PRIORITY DATE	NAME	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
7-2-94	FARMERS UNION	54.46 ¹⁴	40.85 ¹⁴	32.68 ¹²	2159.80	3922.75	4375.00
3-29-00	NEW YORK IRRIGATION DIST.) BOISE KUNA IRRIG. DIST.)	58.86 ¹⁴	44.15 ⁹	35.32 ⁷	2195.12	3931.58	4389.80
12-14-03	UNITED STATES OF AMERICA	1354.58 ³³⁹	1015.94 ²⁶³	812.75 ⁴⁶	3007.87	4134.77	4728.45
4-1-05	PIONEER IRRIGATION DIST.	306.56 ⁷⁷	229.92 ⁴⁶	183.94 ⁴⁶	3191.81	4180.75	4805.09
4-1-05	FARMERS COOPERATIVE DITCH CO.	154.45 ³⁸	115.84 ²³	92.67 ²³	3284.48	4203.92	4843.78
4-1-05	SOUTH BOISE MUTUAL DITCH CO.	5.40 ¹	4.05 ¹	3.24 ¹	3287.72	4204.73	4845.03
4-1-08	PIONEER IRRIGATION DIST.	54.50 ¹⁴	40.88 ¹²	32.70 ¹²	3320.42	4212.91	4858.68
6-1-09	UNITED STATES OF AMERICA	926.50 ²³²	694.88 ¹³⁹	555.90 ¹³⁹	3876.32	4351.89	5090.33
4-1-10	RIVERSIDE IRRIGATION DIST.	63.78 ¹⁶	47.84 ¹⁰	38.27 ¹⁰	3914.59	4361.46	5106.26
4-1-10	MCMAHUS & TEATER	3.36 ¹	2.52 ¹	2.02 ¹	3916.61	4361.96	5107.18
1-13-11*	UNITED STATES OF AMERICA	8000.00 (ARROWROCK STORAGE)					13106.26
4-1-14	RIVERSIDE IRRIGATION DIST.	17.70					13123.96

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