

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1968**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1968

(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

CHARTS

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

C H A R T S

(continued)

17. 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 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 1968 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 waters users on the first Monday in March, at which time a tentative budget is prepared for submission to the general meeting, other meetings are held during the year at the call of the Chairman to consider various matters affecting the water users.

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

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

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

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

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

DECREES

Stewart Decree:

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

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

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

Bryan Decree:

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

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

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

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

TRIBUTARY GAIN

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

Chart 12 shows the daily discharge of the tributary streams.

NET GAIN

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

RIVER FLUCTUATION

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

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

CLASSIFICATION OF RIVER

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

SECTION 1

Chart 13 shows the condition that existed in this section and the entire river during the period July 1 to November 1.

SECTIONS 2 AND 3

Chart 14 is a table showing the condition that existed in these sections during the period July 1 to November 1. 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 2. 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 3

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

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

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

duty, or duty at the point of diversion.

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

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

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

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

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

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

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

DRAINAGE

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

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

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

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

INTERVENORS

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

CHANGES IN POINT OF DIVERSION

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

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

TRANSFERS

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

STEWART DECREE

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

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

STEWART AND BRYAN DECREES GROUPED ALPHABETICAL BY CANAL HEADINGS

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

BRYAN DECREE

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

WATERSHED

The following is quoted from the 1947 report:

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

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

FLOOD CONTROL

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

An agreement has been entered into between the Army Engineers, the Bureau of Reclamation and the water users whereby Arrowrock, Anderson and Lucky Peak Reservoirs will be used jointly for both irrigation and flood control. It is anticipated with this arrangement, the three reservoirs plus irrigation diversions will control the more frequent floods to 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 April 22, as the natural flow had not reached a point sufficient to supply the demand.

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

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

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

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total flow for the calendar year 1968 was 1,364,416 acre feet and for the irrigation year was 1,321,574 acre feet. Irrigation started about the 1st of April and demand for water reached a peak in May and continued heavy in Section No. 1 through July. Water use started quite heavy and continued so through July. In Section No. 2 and 3 water use was heavy, due mostly to a good return flow. The river flow reached 7,000 c.f.s. in the 1967-68 water year for one day. The highest flow was 7,048 cubic feet per second on June 4, and the lowest flow was -91 cubic feet per second on September 10. The flow at Lucky Peak was cut out on October 14, which was the end of the irrigation season. The gates were reopened on October 23, to a flow of 25 c.f.s. to pass fish and sanitation water.

STORAGE WATER

As of December 31, there was 185,395 acre feet of water in Anderson Ranch Reservoir, 186,740 in Arrowrock and 21,027 in Lucky Peak. 510 c.f.s. is being released from Anderson Ranch Reservoir, 0 c.f.s. from Arrowrock and 70 c.f.s. from Lucky Peak and 70 c.f.s. passing Diverson Dam.

CONCLUSIONS

1. That the records and data as compiled in the Watermaster's report for the past fifty years should be continued.
2. That the river naturally divides itself into three sections during the low water period.
3. That the river can be completely dried up at the lower end of Section 1 without injury to the rights in Section 2 during the low water period of each irrigation year.
4. That the return flow is a vital factor and must be considered in the operation of the river.
5. That the transfer of water rights from Section 2 to Section 1 is injurious to the rights already existing in Section 1 and should not be permitted.
6. That the construction of drainage systems in the Boise Valley has changed the irrigation requirements within these districts.
7. That by reason of the construction of these drainage canals certain waters which were formerly lost through seepage, evaporation and deep percolation, or reached the river during the winter months, are probably now reaching the river during the irrigation season and made available for irrigation purposes.
8. That the question of protection of the Boise River watershed should have the constant attention and consideration of the people of this area.
9. That a reasonable program of research work should be continued by the U. S. Forest Service on the Boise River watershed for the purpose of determining to what extent the resources of the watershed may be utilized

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

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

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

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

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

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

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

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

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

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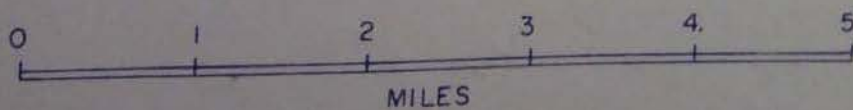
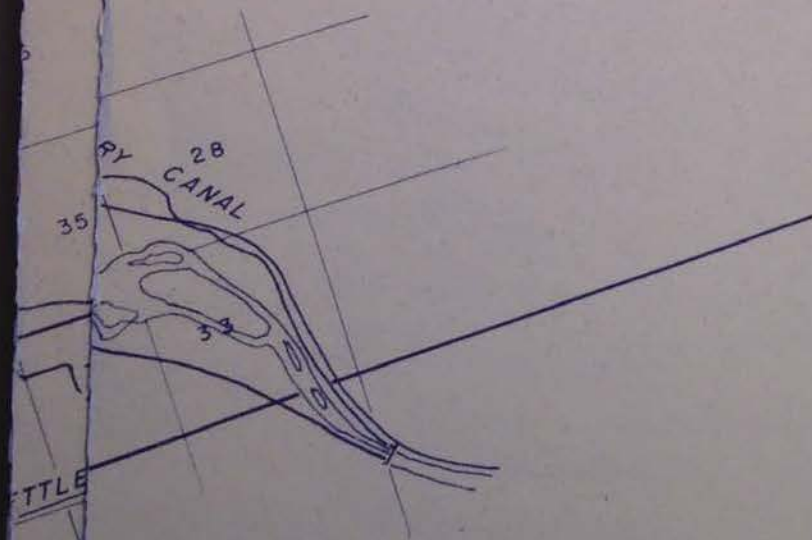
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versions and Tributaries along Boise River



Snake River

20

95

14

15

17

16

T. 6 N.

22

23

26

27

28

35

34

30

32

R. 5 W.

36

31

4

5

6

PARMA

9

11

14

15

Boise

MC CONNEL
12

ISLAND

PARMA CANAL

ISLAND HIGH LINE

HAAS

R. 6 W.

IDAHO
OREGON

T. 5 N.

19

20

30

32

31

33

34

3

5

6

10

T. 6 N.

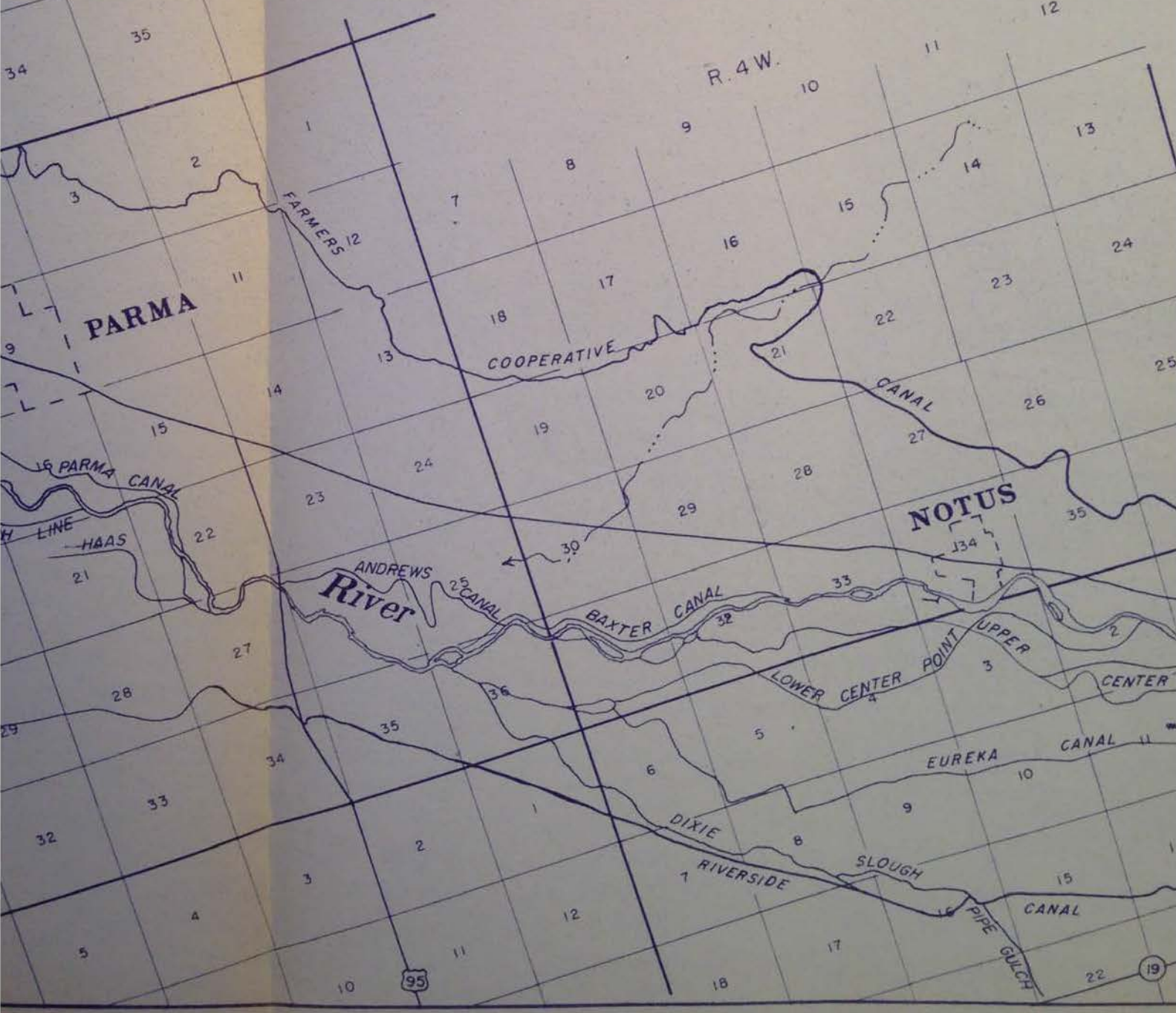
R. 4 W.

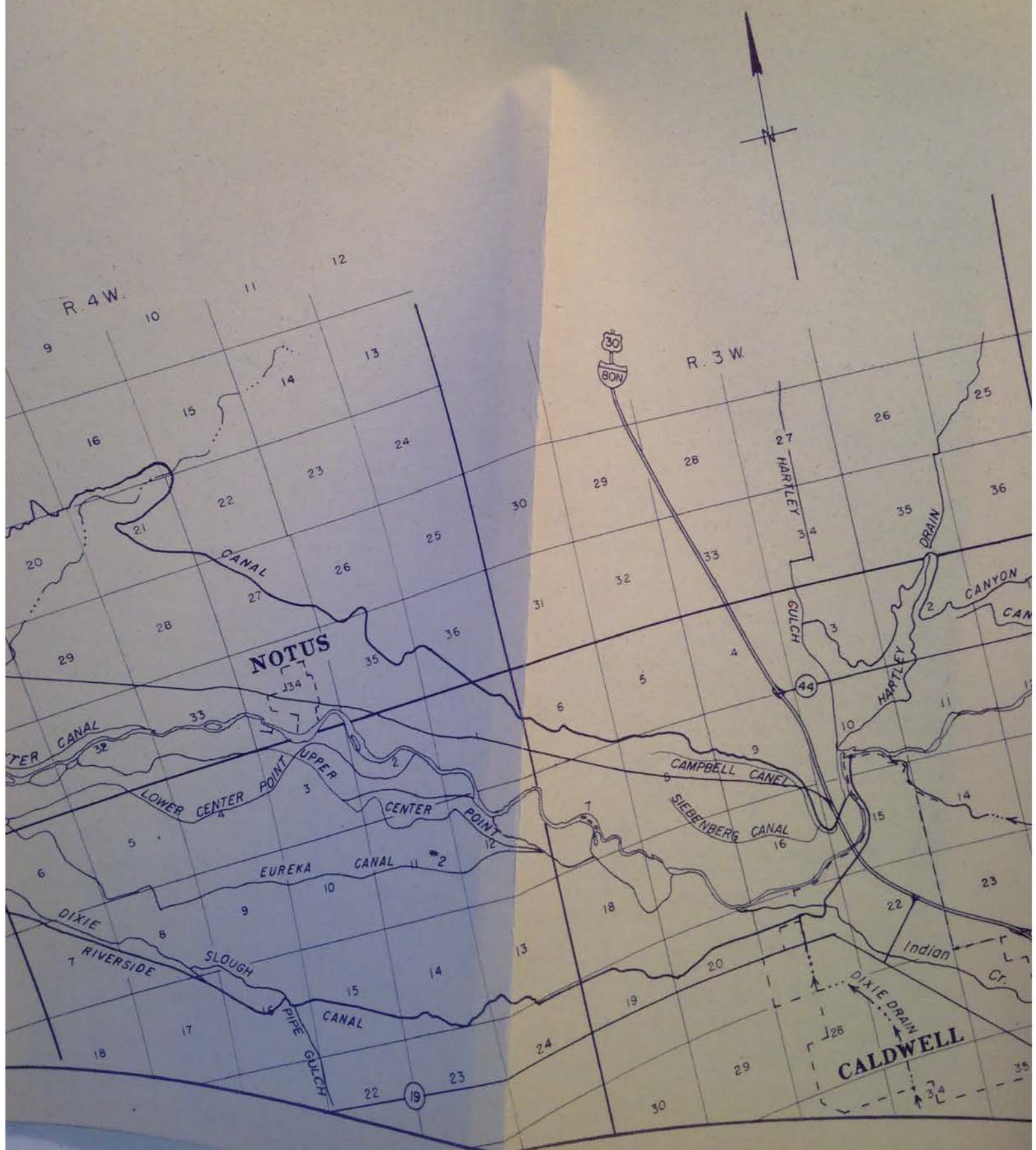
PARMA

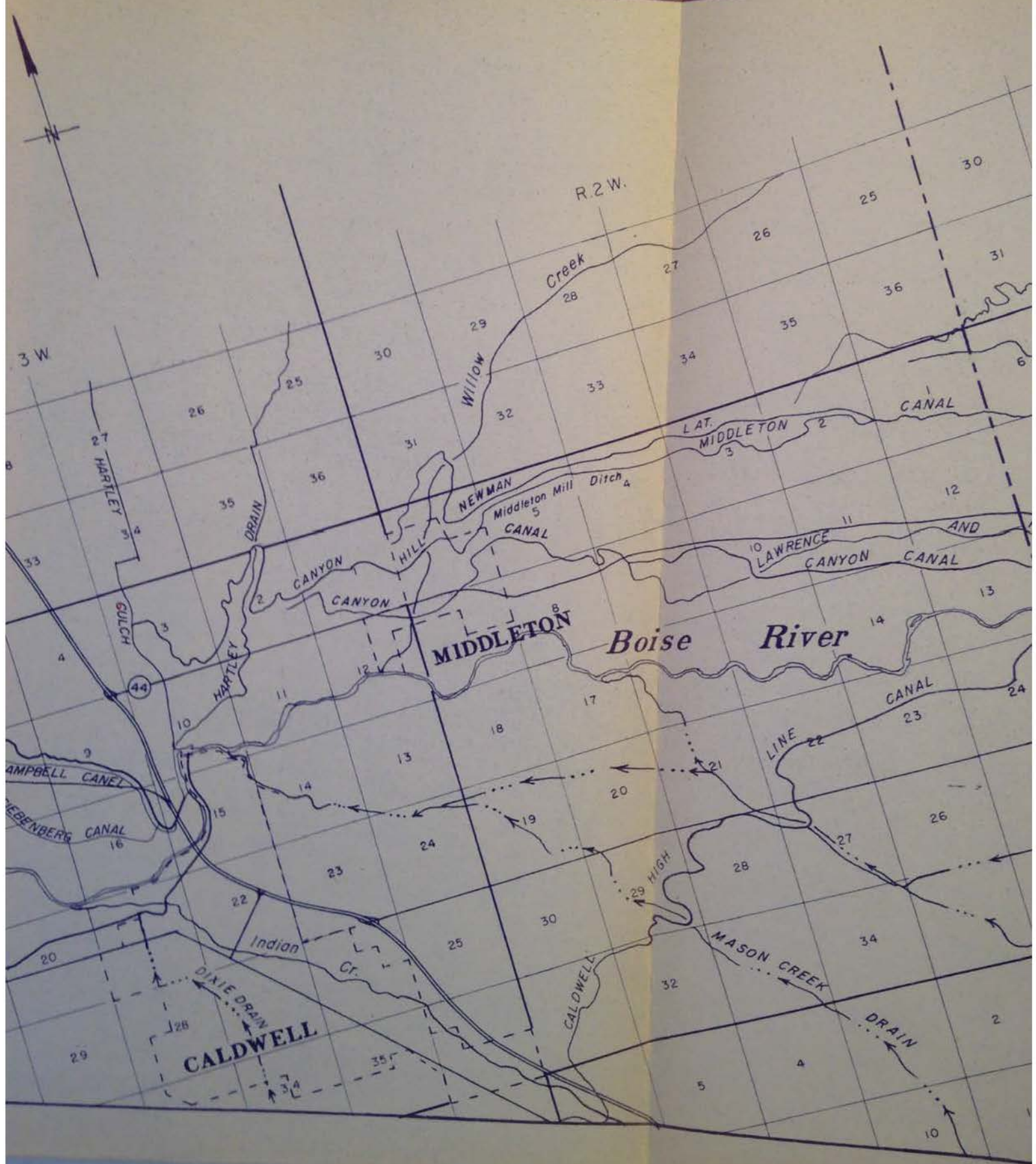
NOTUS

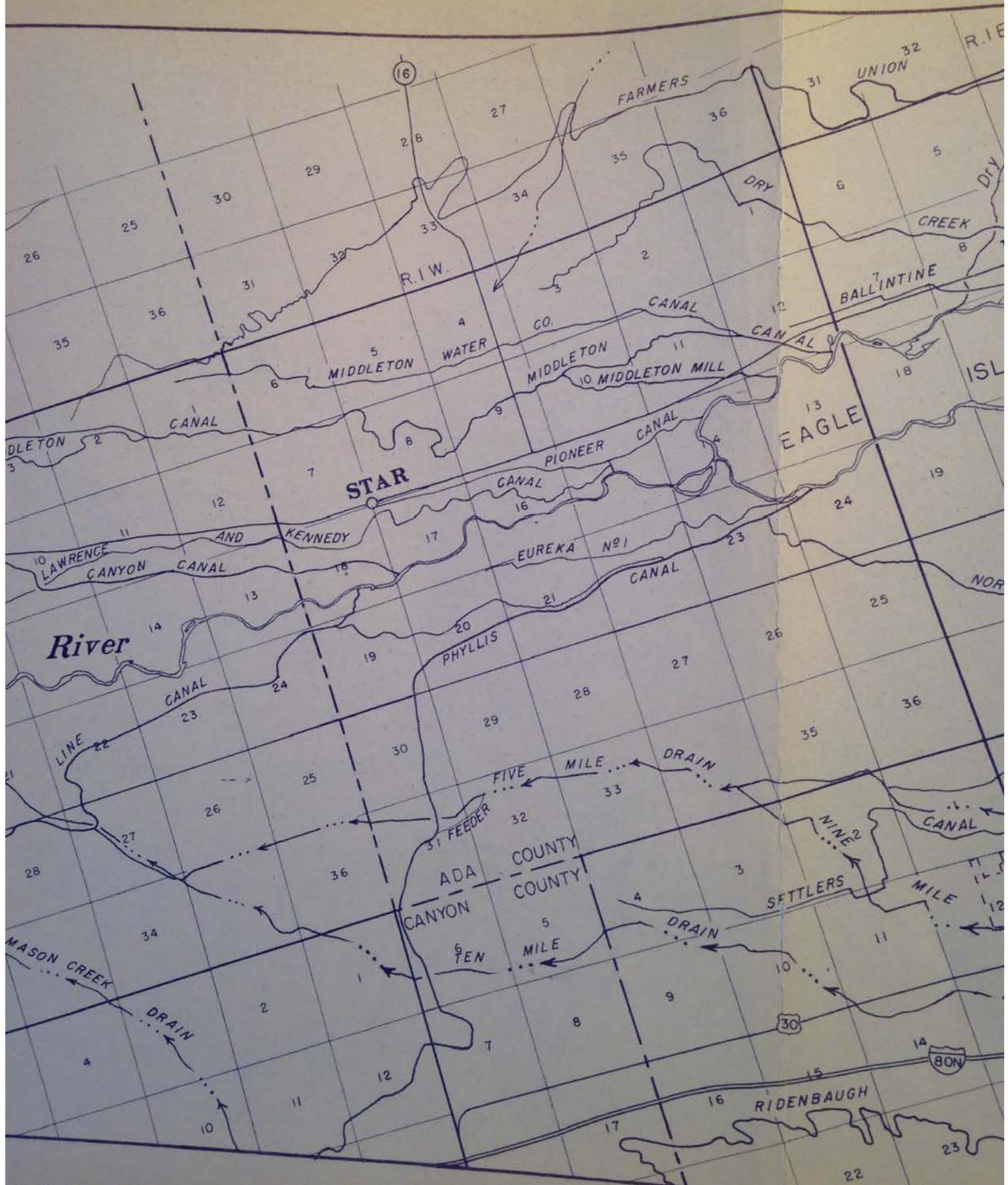
ANDREWS River

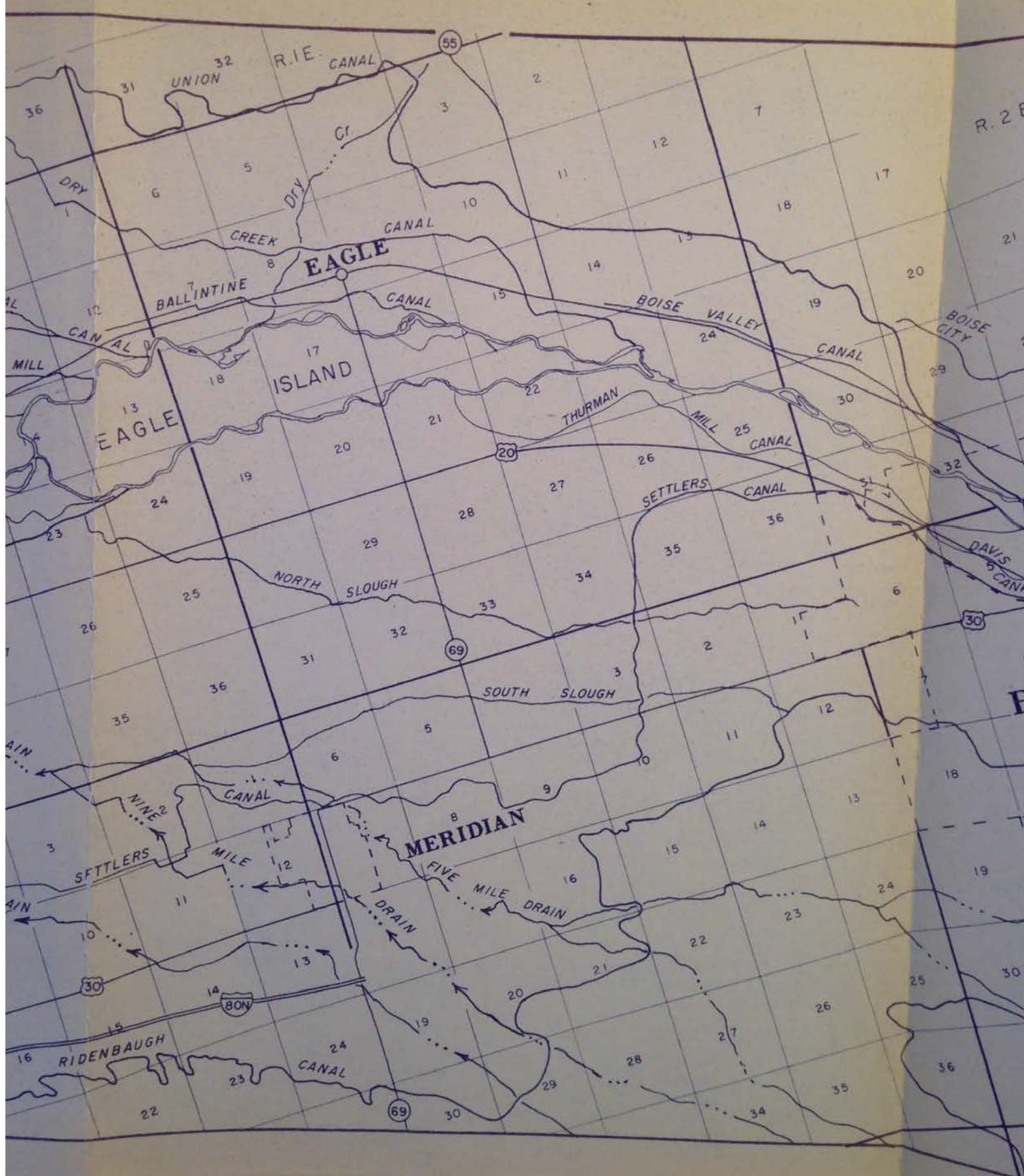
COOPERATIVE

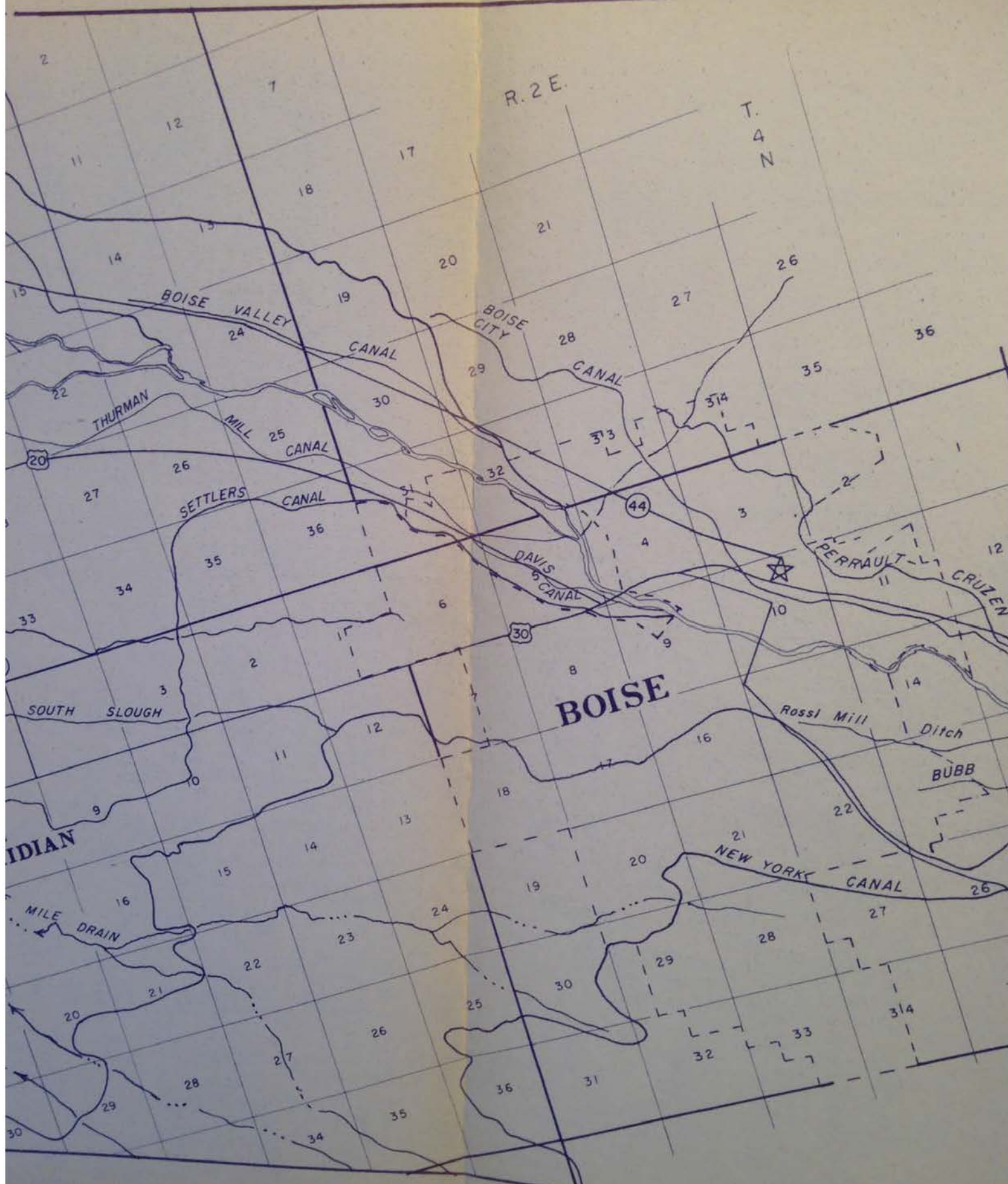




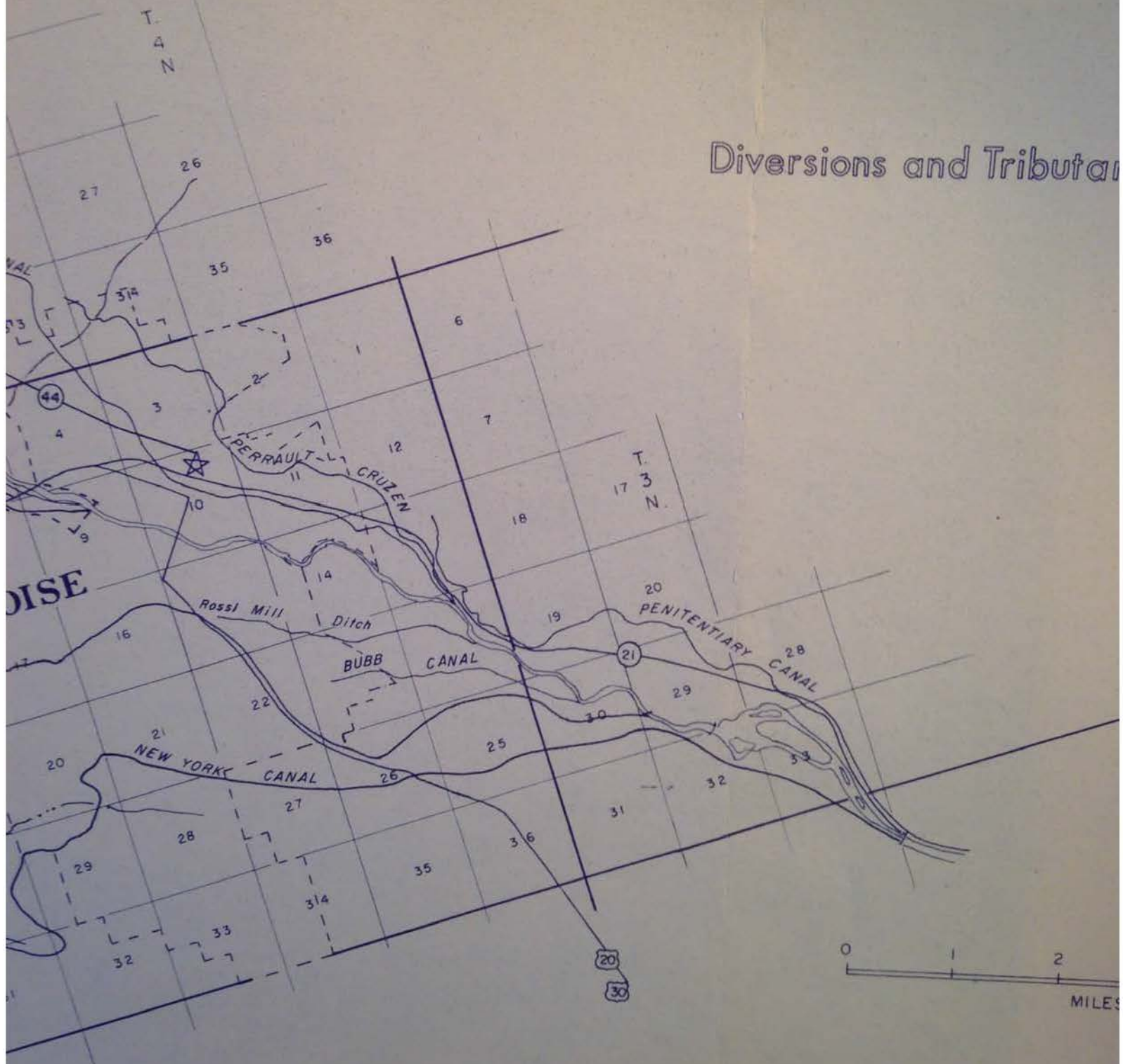






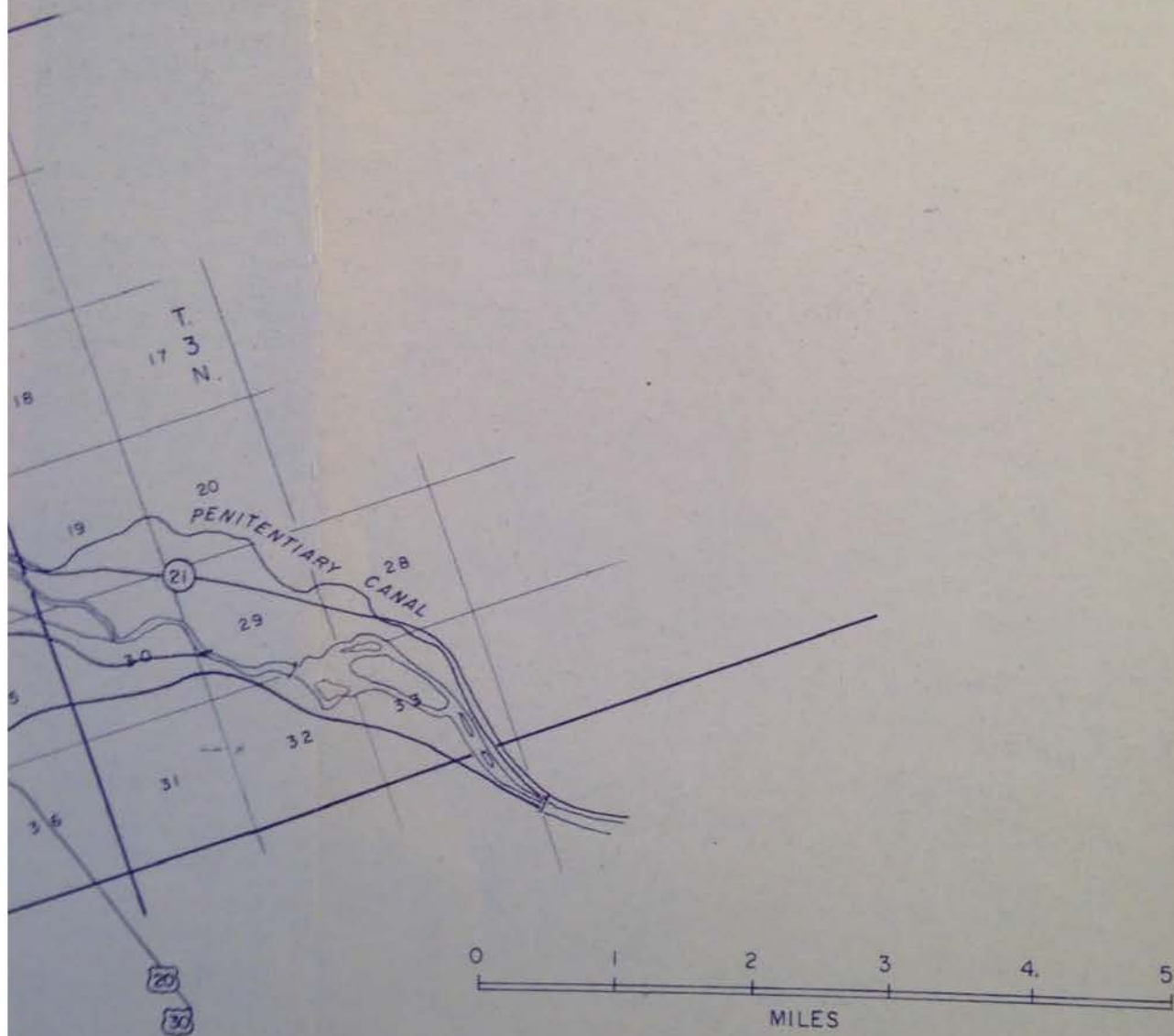


Diversions and Tributaries



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

Diversions and Tributaries along Boise River



NATURAL FLOW

BEGINN

JAN

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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JANUARY

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
929	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
1636	1300	1110	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752	24,706
1305	1169	1052	1034	1035	704	830	739	663	816	806	737	774	772	684	876	28,135
866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	914	920	987	908	30,182
842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
760	832	706	767	1079	1300	1874	2235	2173	1789	1238	1257	1186	1271	1019	833	31,601
1231	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	762	34,974
1545	1618	581	1254	1132	974	966	1374	1249	1256	975	1502	1015	1079	1120	1379	34,321
1740	1662	2909	4391	3813	2852	2256	1732	1452	1546	1524	1085	1647	1698	1258	1544	50,468
955	1091	947	1096	1069	787	699	1242	1207	1259	990	1389	1001	1500	1635	1687	32,133
804	596	567	967	677	93	720	731	1513	1082	728	753	416	686	783	1075	23,358
5154	2314	2822	3641	2838	3115	2743	2933	2913	2149	2064	2359	1564	2367	1434	1192	73,606
595	1022	687	907	483	1087	1155	727	788	915	998	648	837	922	721	544	26,224
808	932	1216	750	553	546	781	895	1215	747	1095	396	1760	552	1399	1186	26,841
1523	1413	1010	1443	1033	1052	741	1286	1382	1687	1578	1356	1980	1390	1594	1129	38,233
428	688	489	758	598	682	924	1179	965	607	840	1051	800	753	987	1009	25,832
891	806	438	611	593	515	476	690	657	701	669	649	582	587	895	747	21,227
969	843	916	1002	988	596	787	450	557	882	1069	887	910	912	732	802	27,277
881	780	1009	659	640	762	466	784	551	524	707	960	111	890	750	939	21,806
866	770	934	991	1356	756	797	798	842	1009	966	908	916	741	805	1032	26,085
1557	1885	1872	1915	1721	2169	1922	2085	2359	2173	1776	1996	2706	4124	6216	7442	80,198
1192	730	627	572	830	650	550	1156	1053	1103	784	746	952	862	684	882	31,584
998	870	986	767	932	1523	2071	1748	1233	1114	1073	1309	1316	1312	1821	2081	32,796
805	953	763	757	736	663	776	1112	723	167	803	753	613	625	892	891	23,520

NATURAL FLOW OF B

BEGINNING 1

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	817	843	832	857	831	879	1140	1215	1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	739
1943	1839	1804	1921	1857	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944
1944	784	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	979
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396
1946	1093	1162	1081	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956
1947	1014	1122	933	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227
1949	682	929	852	933	842	855	943	876	787	694	698	792	700	454	754	841	611	739	1165
1950	833	747	673	1413	1134	1344	1272	1182	1266	1259	1091	990	1165	917	1112	1042	1205	1203	1206
1951	737	833	943	1261	2238	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334
1952	900	1761	2068	1884	1607	1436	1290	1465	1611	1470	1068	1341	1323	1272	920	1187	1743	1714	1215
1953	1128	1301	1834	2064	2912	2320	2086	2300	1921	1772	1697	1535	1519	1505	1495	1324	1466	1309	1398
1954	1367	1410	940	1367	1387	1208	1363	1399	1252	1425	1432	1654	2038	2230	2217	2103	1965	2003	1663
1955	687	343	88	232	942	500	734	661	1374	1388	228	605	610	778	968	960	574	723	695
1956	1617	804	1201	1368	1774	1596	1694	3490	2463	4125	1644	3147	1764	1968	1561	1358	1573	1604	1311
1957	8	803	1033	2136	1014	710	986	750	1026	94	1862	753	760	1173	1346	741	1229	945	1039
1958	1213	807	398	1338	897	1182	1005	1034	1201	1098	1211	1217	1392	1937	2689	3463	4304	2500	2199
1959	1284	1019	993	1129	1414	1258	1114	1242	1150	1043	1242	1174	1086	766	1262	1199	1714	1476	1570
1960	793	887	1088	988	903	826	1402	1802	2714	2270	1409	1453	1146	1237	1005	950	890	1113	700
1961	1239	813	1003	812	1157	471	864	878	1158	778	1236	1711	1449	1363	946	1322	1324	1222	826
1962	738	786	887	886	1034	900	932	1233	948	1226	1746	1874	2337	2535	2174	2248	1836	1814	1640
1963	1684	6341	4042	6708	5525	4627	3771	3176	2849	2478	2312	2005	1830	1691	1816	1662	1636	1489	1593
1964	948	838	1200	893	668	748	821	646	818	1225	804	653	920	1042	850	903	1205	527	1116
1965	7377	3833	4996	4606	4135	3991	3561	3300	3321	3318	2744	2403	2622	2878	2756	2401	2286	2403	2484
1966	938	834	783	624	544	1038	889	894	832	918	779	700	929	828	679	682	804	955	1211
1967	1920	1393	1297	1383	1396	950	1258	917	1021	1040	1021	1046	1032	1019	1081	1032	954	995	876
1968	930	491	1007	1035	960	503	839	792	685	672	957	847	448	1239	975	822	701	941	1596

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

FEBRUARY

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
23	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
97	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
46	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
106	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
157	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,904
059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
754	841	611	739	1165	1074	1793	(-58)	139	827	1035	(-140)	1795	1045				22,657
112	1042	1205	1203	1206	1299	1223	1222	1410	1412	1935	2626	2676	2654				37,505
175	2295	2409	2301	2334	2198	1987	2009	1828	1815	1678	2364	1528	1840				62,939
920	1187	1743	1714	1215	1309	1183	1054	1206	1265	941	1120	949	1511	722			38,535
495	1324	1466	1309	1398	1550	958	1120	1266	1406	1258	811	1271	1117				44,243
217	2103	1965	2003	1663	1665	1579	1715	1579	1447	1626	2120	1886	1904				46,144
968	960	574	723	695	962	723	412	861	863	978	697	736	698				20,222
561	1358	1573	1604	1311	1053	1343	1784	1615	1486	2020	1588	1590	1842	1752			52,235
346	741	1229	945	1039	1073	1183	1403	1198	2437	3446	4399	6586	6265				46,440
689	3463	4304	2500	2199	2982	3745	2215	2809	3325	3682	4557	3324	2774				60,918
262	1199	1714	1476	1570	1524	1034	1219	1388	2178	1301	1461	1385	226				34,851
005	950	890	1113	700	991	876	958	763	735	886	982	1040	871	865			32,445
946	1322	1324	1222	826	920	798	995	1325	903	945	1048	988	821				29,415
174	2248	1836	1814	1640	1552	1450	1396	1226	1341	1230	1154	1050	1030				39,163
816	1662	1636	1489	1593	1683	2339	1854	1567	1700	1569	1611	2037	1767				73,562
850	903	1205	527	1116	963	1052	977	1060	1113	1096	936	857	1007	1042			26,930
2756	2401	2286	2403	2484	2433	2404	2694	2787	2590	2648	2480	2386	3246				91,303
679	682	804	955	1211	667	758	842	844	786	867	1178	749	1031				23,585
1081	1032	954	995	876	1241	342	873	574	1018	1103	1021	855	1166				30,024
975	822	701	941	1596	1962	3972	4907	3416	4499	4002	3002	2531	2283	2031			49,045

NATURAL FLOW OF BO

BEGINNING 19

MARCH

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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MARCH

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
2	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1699	1988	2250	43,902
3	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
4	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
5	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
6	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
7	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
8	1126	1219	1228	1032	1160	913	1061	1117	1133	1514	1383	1382	1209	1543	2076	2080	36,698
9	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
0	1512	2191	3900	4785	3688	3185	3006	2879	2728	2773	2855	2715	2572	2294	1968	2237	77,388
1	2022	1928	1587	1619	1817	1817	2533	2601	2395	2538	3130	2173	4188	3971	3203	3578	62,536
2	1622	918	1949	1592	1521	1790	1934	1937	1186	670	2625	2871	3377	3221	3833	3867	51,510
3	1796	1786	1337	1783	1997	1830	1830	1680	1877	2659	2967	2939	2966	3408	3928	5376	63,365
4	2351	2465	2141	2149	2119	2038	2091	1880	1993	2050	1942	2093	2397	2149	2100	2036	74,918
5	639	1005	622	1032	895	697	766	1108	680	593	1318	999	678	715	1696	1244	27,970
6	1532	2794	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7304	6699	6295	6332	114,129
7	2356	2937	2692	2435	2677	3212	2855	2313	5227	3828	2810	2730	2830	2819	3563	4933	97,046
8	1592	1702	1615	1484	966	1708	2745	3029	2485	3276	3070	2627	2901	3040	2648	2967	62,347
9	1261	1144	1179	1514	1398	1351	1438	1455	1532	2174	1729	1953	1914	1953	2119	2248	46,271
0	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415
1	1853	1979	1822	1679	1707	1843	1771	1679	2573	2414	2072	2459	1909	1971	1713	2051	45,615
2	1035	840	1013	1065	1488	1448	1494	1697	1184	1420	1506	1866	1960	2057	2053	2084	41,536
3	1202	1178	1097	975	1174	1040	1268	1551	1550	1465	1341	1408	2060	3680	2616	2208	45,952
4	898	898	1053	1260	1057	1249	1406	1255	1053	1190	1462	1286	1259	1359	1600	2345	35,609
5	3404	3249	3515	3263	3161	3016	2638	2899	2694	2360	2705	2885	2521	2452	2597	2820	92,765
6	1956	1964	1501	1398	1306	1606	1264	1195	1153	1196	1393	1945	2708	3152	3641	4142	48,980
7	1143	864	1245	1477	1530	1035	1890	1650	1919	2011	1734	1842	1742	1882	2077	1538	41,790
8	1572	1751	1617	1471	1440	1393	1427	1439	1786	1871	2159	2044	1644	1850	1935	2378	59,646

NATURAL FLOW OF BOISE I

BEGINNING 1941

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963	2670
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	6527	6620	6098	5858
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312	22450
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015	2274
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445	4460
1946	6008	4982	4552	4717	4841	5216	6160	6164	6222	5847	5218	5919	7596	10219	12352	13581	14780	17389	18812	18660
1947	4810	4145	4006	3747	3576	3468	3434	2289	3477	2684	2917	2808	3062	3230	4471	5632	6149	6379	6439	6284
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6896
1949	2433	2870	3339	3555	4184	5078	5780	5366	6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413	10308
1950	2888	3787	4629	4125	4107	3895	4251	4659	5124	4670	5841	5821	6521	7418	7543	7141	8012	8713	9289	8968
1951	3609	3674	4934	5892	7194	8634	9861	10722	10963	10360	10651	9941	9843	11541	11209	13094	10778	11159	11616	11612
1952	3257	3410	3399	3712	4754	6669	8193	9277	7784	6989	6942	7143	8548	9935	11088	9967	10520	12544	14976	14725
1953	4733	3869	3833	3881	4380	4107	4957	3346	3502	3669	2608	2514	2635	2480	1856	2836	2255	3181	3909	3531
1954	1854	1675	1808	2259	3119	4933	5009	4438	4362	4339	3939	4072	4879	6936	7452	7233	7449	3296	10020	9628
1955	1222	1007	1639	1090	1161	1218	1436	2087	2675	3028	3344	2583	1928	2156	1764	1674	1764	2184	2109	2192
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497	14959
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132	6122
1958	2915	3061	3506	3911	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371	6712	7606	8555	9242	8944
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5227	4912	4487	3814	3799	3649
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182	4772
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2297	2346	2087	3175	4469	4050
1962	2688	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4455	5557	6996	8598	8570	8559	9027	10169
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3959	4432	3516	3092	2913	3106
1964	3694	4487	3919	3680	4020	4352	3938	3744	3812	4341	5212	5891	4233	3896	4063	4865	5505	4471	4524	4556
1965	3160	4099	6098	5322	5339	5508	6152	6046	6034	6833	6161	5868	5878	6459	7256	8547	10007	9260	8789	12273
1966	5060	5170	5575	4908	4200	3951	4352	4745	4953	5404	5750	4817	4292	3703	3933	3753	4559	4971	4464	3739
1967	1866	1502	1505	1523	1774	2302	2053	2040	2234	2257	2718	2728	2741	2944	3155	2986	2738	2389	2321	3000
1968	2511	2859	3177	2985	2942	3113	2833	2578	2321	2242	2397	3013	2950	2904	2723	2773	2597	2521	2261	2381

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

APRIL

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
2721	2302	2377	2310	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		82,000
2296	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	3729	3768	4622		101,184
12352	13581	14780	17389	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
4471	5632	6149	6379	6439	6284	6172	6318	6123	6001	5481	5356	5760	6190	6992	7300		144,700
2518	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
5790	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
7543	7141	8012	8713	9289	8968	9687	11164	11174	10063	7848	7196	6937	7247	6579	6012		201,309
11209	13034	10778	11159	11616	11612	10306	9734	8254	8001	8088	7476	7865	8281	11575	11017		278,484
11088	9967	10520	12544	14976	14725	12961	12931	13206	13984	17015	18667	22302	23429	21634	18984		338,945
1856	2836	2255	3181	3909	3531	6349	7202	9882	9941	10535	9020	9669	11656	12779	9568		164,683
7452	7233	7449	9296	10020	9628	8427	7933	8059	8101	8442	8974	8939	9397	9390	8438		190,860
1764	1674	1764	2184	2109	2192	1897	2528	3387	3314	2892	2590	2950	2668	2198	2241		64,916
11061	12390	13489	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13854	13131	11892		318,251
6943	6944	6696	6323	6132	6122	6532	6317	6556	6892	6880	6243	5500	5385	5949	7427		180,628
6371	6712	7606	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565		161,889
5227	4912	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025		138,367
6422	5500	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3885		179,494
2297	2346	2087	3175	4469	4050	3214	3265	3260	2072	2364	2358	2186	2368	2765	2835		86,032
6996	8598	8570	8559	9027	10169	11343	9548	8780	8620	9355	8675	8000	8306	8152	6612		203,928
3959	4432	3516	3092	2913	3106	2831	2487	2413	2531	2412	2571	2858	3276	3528	4028		90,149
4063	4865	5505	4471	4524	4556	4945	5258	5310	4826	3814	3665	3757	3326	3702	5277		131,083
7256	8547	10007	9260	8789	12273	16365	20258	20854	18531	17595	17086	16351	16794	16395	16772		312,090
3933	3753	4559	4971	4464	3739	3487	3107	2968	2830	2930	3267	3397	3332	3001	3533		124,151
3155	2986	2738	2389	2321	3000	2460	2426	2157	2105	2099	2106	2198	2209	2604	2075		69,215
2723	2773	2597	2521	2261	2381	2223	2203	2018	2000	2170	2313	2169	2227	2288	2672		76,364

NATURAL FLOW OF BOISE

BEGINNING 1941

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5129	7386	8408	7496	6193	5543	5536	5708
1942	3999	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	3906
1943	13118	14472	15282	15085	15650	14752	12884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	6906
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	5688
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	6601
1946	11798	10583	10259	10837	12416	13481	13844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	10750
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	7143
1948	4839	4538	3728	4393	4204	4307	5953	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750
1949	8007	7859	7339	6690	6507	6211	6444	7197	8178	9179	9784	10290	11540	11885	12413	12829	11584	12100	11233
1950	5296	6568	5497	6494	5130	5004	4336	4438	5086	4557	5445	5562	6917	9553	11897	13368	13673	12924	12338
1951	9166	8345	7297	7238	7299	8201	9727	12301	11980	12328	12460	13137	12371	10539	9707	8739	9206	10377	11258
1952	14339	15047	16512	18001	18955	15799	16476	15533	15390	15082	14555	13359	16047	16522	16170	14230	12349	11652	12802
1953	7935	6443	5512	5136	4792	6975	7543	8156	7593	6041	6151	5339	5134	5266	5443	5816	6208	7529	7119
1954	7649	6395	5818	6257	6124	8165	8936	9704	10854	11776	13307	12854	11973	11088	10493	10814	11452	12331	12276
1955	3601	4105	4040	3296	4134	5011	6697	7088	8417	8309	7326	7939	7918	7917	6984	5892	4734	4318	4549
1956	10218	10200	9871	10211	10496	10826	11384	10702	11094	11328	10238	9987	8960	8698	7933	8258	9716	11258	14370
1957	9409	10872	11712	11176	10375	9666	11185	12224	12850	12759	13083	12803	13328	13687	13506	13044	13377	13270	16619
1958	4928	6924	8263	9839	11248	13513	14715	13949	13445	14578	15390	17413	17483	14213	12587	12839	12626	15234	17097
1959	5870	7805	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040	7963	7080	6054
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6909	8763	10699	11842	11130	8927	7912	7473	6667	6028
1961	3605	3983	4617	4084	4042	3808	3334	2429	3246	2857	4098	3591	3619	3057	3477	4048	3907	4219	3877
1962	5923	5454	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872	5189	5656
1963	5324	5703	5653	5674	5329	5798	6273	6450	6695	6577	6139	5546	5105	5078	4751	4947	5387	5940	6881
1964	7016	7799	6326	5226	4862	4139	4017	4340	4358	4562	5850	6130	6761	7602	8271	8506	9883	9949	9920
1965	20503	19705	17118	14545	13382	11788	10434	8291	9438	8986	8298	9611	11222	12687	14355	15060	15555	16142	15059
1966	2953	2974	3397	4545	5655	6340	7666	8082	7676	8225	7761	7303	5982	5063	5044	4127	4032	3783	3695
1967	1974	1734	1825	2055	2322	2523	3457	4587	6759	7886	8157	6279	5159	4313	4099	5150	7036	9056	10116
1968	3707	3910	4448	4102	4785	4681	3950	3401	3149	3253	3505	3978	4484	4568	4186	3518	2842	3045	3392

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

MAY

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3	7496	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
7	4044	4151	4093	3815	3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,788
6	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
7	7059	7632	7270	6542	5688	5036	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
8	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6432	6932	7120	236,573
3	9170	9087	9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
5	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
1	6409	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
5	12413	12829	11584	12100	11233	10978	10319	9262	8496	8361	7507	8278	8103	9373	9361	9521	9007	285,835
3	11897	13368	13673	12924	12338	9612	9297	10852	12137	13534	13021	11443	11008	11542	11799	11588	11627	281,543
39	9707	8739	9206	10377	11258	11492	11650	11353	12580	12793	13796	12825	12646	13881	14065	12879	10811	342,447
22	16170	14230	12349	11652	12802	12544	13861	13677	12966	11778	13056	14013	15735	13838	14449	13520	12560	450,817
56	5443	5816	6208	7529	7119	9554	9160	7865	7064	6757	5481	5115	4725	4821	8039	6181	6898	201,791
88	10493	10814	11452	12331	12276	13444	14660	13697	11100	9763	8933	8649	7664	6614	5783	5228	4974	298,775
17	6984	5892	4734	4318	4549	5889	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712	198,635
98	7933	8258	9716	11258	14370	15780	16976	18860	19581	20134	22949	20931	19423	19484	17472	16500	16839	420,677
87	13506	13044	13377	13270	16619	16752	16930	12150	11422	10232	9263	8974	9657	10360	11241	12253	12791	376,970
13	12587	12839	12626	15234	17097	18188	21254	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326	473,187
34	7852	9040	7963	7080	6054	5228	4541	4930	4240	4322	4512	4193	4039	4271	4133	3980	3901	165,797
30	8927	7912	7473	6667	6028	5170	5073	4941	4367	4461	3891	3735	3766	3948	4148	4736	5599	187,181
57	3477	4048	3907	4219	3877	4241	5448	5761	5954	6612	7773	7721	7830	7495	6624	6442	7610	149,409
56	5976	6170	5872	5189	5656	6199	6284	6047	5717	6431	7609	7251	7021	6491	6557	6308	6731	203,229
78	4751	4947	5387	5940	6881	8164	8736	9586	10149	11480	11183	10794	10233	9380	9276	9198	9029	226,458
02	8271	8506	9883	9949	9920	10053	10938	10763	9732	8614	7798	7008	7457	7523	7869	7611	7757	228,640
87	14355	15060	15555	16142	15059	14140	14144	14677	15194	15156	14067	12773	11853	12018	12361	13826	15728	418,116
63	5044	4127	4032	3783	3695	3808	4193	4794	5282	4618	4260	4233	4797	5317	5925	6032	6015	163,577
13	4099	5150	7036	9056	10116	11138	11392	11900	13697	15178	15598	14202	11443	10418	11078	11004	10037	241,572
68	4186	3518	2842	3045	3392	3991	6212	6092	5605	4966	4677	4540	3949	3628	3703	4058	5318	129,643

NATURAL FLOW OF BOT.

BEGINNING 1941

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806
1946	7950	7533	7763	9115	10131	9775	8965	8249	7785	7457	7621	6965	6209	6199	6482	6365	5913	5539	5244
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4350	4903	4539	4785	4962	5051	5334
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495
1949	8699	7652	6364	5665	5905	5817	6324	6597	7045	7415	7043	7446	6959	6315	5459	4899	4940	4153	3798
1950	11474	11539	11330	10773	10648	10989	11703	11065	9479	8074	7526	8071	8765	7834	8115	8634	9085	9759	8926
1951	9487	8447	7815	6970	6177	7805	6913	6277	5708	5396	5479	6034	7203	7536	8584	9851	10463	10017	9533
1952	12410	11937	11735	13213	13471	13830	13581	13854	11979	12614	10938	10492	7689	7938	7471	7157	6311	6438	5554
1953	9429	7336	8969	8880	9395	9933	9685	11613	6482	8841	9177	10758	13803	14790	13028	11255	11285	12359	12650
1954	5209	4707	4385	4038	4415	4753	4700	4500	4322	4429	4617	4547	4386	4684	5270	6412	6806	6022	5342
1955	6665	6734	6046	6080	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760
1956	18159	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7862	6677	6235	5575	5046	5094
1958	12658	11471	10461	10328	9988	9513	10055	10402	10499	10045	9345	8848	9282	8774	8230	7494	8033	8428	8462
1959	3900	4148	5030	5848	6420	7308	8523	8266	7246	6374	6120	5707	6829	8182	8097	7934	6442	6576	6556
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4923	5095	3585	4531	3622	3459	3333	3142
1962	6631	6960	7599	8823	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671
1963	9315	8852	8018	7732	7905	7631	6881	6681	6484	7143	6852	6110	6453	7112	7817	8486	8495	8559	7644
1964	6911	7508	8650	8393	8594	8456	9027	9249	8072	7337	6629	6329	5640	5471	5789	6545	8214	7688	7064
1965	16246	14692	14116	15031	15908	15845	16184	15912	16274	16537	16415	16777	16910	15016	12332	10399	9527	8926	8747
1966	5469	4699	4352	3907	3554	3315	3194	3320	3144	3452	3537	3384	2879	2756	2790	3020	3044	3263	2217
1967	8946	10050	9084	8166	7859	9244	9134	8763	9211	9332	8758	9028	8307	7998	7893	8286	8955	9786	9938
1968	5100	4910	5643	7048	6327	5870	6614	5669	6051	5767	5440	5346	5280	4985	4435	4095	3986	4249	4532

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JUNE

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468			133,308
6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701			181,187
10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755			313,877
4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004			123,863
6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963			202,998
6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3467	3541	3406			189,411
4539	4785	4962	5051	5334	5103	4814	4215	3548	3663	3798	3631	3738	3324	2971	2842			148,620
7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476			229,853
5459	4899	4940	4153	3798	3618	3623	3421	3111	3262	3094	3073	2911	2608	2619	2377			152,212
8115	8634	9085	9759	8926	9710	9794	10318	10052	8978	7742	6845	5212	6581	6984	8136			274,141
8584	9851	10463	10017	9533	8705	8506	7929	7085	6458	6370	5833	6313	5807	5948	5641			220,290
7471	7157	6311	6438	5554	6755	6336	5379	5548	5239	5379	5419	5276	5236	4724	5238			259,141
13028	11255	11285	12359	12650	11478	10079	9422	9291	9365	9096	8038	6925	6975	6895	7246			294,478
5270	6412	6806	6022	5342	5289	5580	6370	6892	7729	7691	7429	9902	7880	6139	5388			169,833
7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4104			209,680
9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603			291,294
6677	6235	5575	5046	5094	5582	5913	5501	5085	5021	5504	4690	5069	5091	5358	5073			259,006
8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083			250,783
8097	7934	6442	6576	6556	6426	6383	6351	6145	5574	4988	5223	4157	3920	3117	3288			181,078
5896	6316	5860	5021	4575	4208	3939	3374	3303	3094	3080	2997	3013	2624	2403	2652			166,675
4531	3622	3459	3333	3142	2892	2500	2296	1987	1932	1762	1738	1707	1359	1273	1116			114,693
7798	7656	8035	7180	7671	7908	8388	7736	7496	6954	6273	6728	6529	5658	5148	4655			212,699
7817	8486	8495	8559	7644	7509	7389	7767	6572	5182	5102	4624	4128	4222	4718	4569			205,952
5789	6545	8214	7688	7064	6263	5613	5641	4962	5106	5478	6052	6564	6288	5414	4981			203,928
12332	10399	9527	8926	8747	8667	9854	10825	11692	12609	12340	11663	12206	10268	9026	8500			389,444
2790	3020	3044	3263	2217	3257	2621	2356	2282	2305	2040	1778	1922	1774	1448	1945			89,024
7893	8286	8955	9786	9938	10077	10865	11815	10859	7954	7429	7070	7048	7771	6969	6458			263,053
4435	4095	3986	4249	4532	4845	4930	4259	3836	3591	3245	3090	2746	2428	2670	2316			139,303

NATURAL FLOW OF BOISE

BEGINNING 1941

JULY

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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JULY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1414	1279	1385	1197	1289	1147	1133	1088	1083	963	926	1012	892	902	1157	1139	933	911	42,726
2075	1941	1913	1883	1732	1679	1609	1571	1554	1484	1454	1446	1187	1385	1049	1274	1118	1026	69,556
5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
1605	1432	1576	1544	1403	1508	1233	1387	1378	1418	1156	1221	1478	966	1054	1095	973	1045	53,163
2355	2179	2136	2081	1791	1789	1709	1623	1644	1471	1533	1244	1340	1233	1203	1196	1261	1075	69,520
1825	1810	1555	1820	1720	1568	1480	1659	1496	1298	993	1320	1493	1484	1485	1165	1225	1250	62,960
1807	1814	1681	1557	1504	1404	1350	1360	1328	1160	1145	1128	1112	1097	1080	1063	1065	1033	55,323
1736	1500	1614	1522	1362	1355	1287	1384	1228	1237	1222	1077	966	900	890	920	918	814	54,686
1357	1481	1440	1295	1244	1104	1083	1457	1190	1125	1093	972	902	866	925	1033	829	888	46,771
3506	3215	3369	3035	2818	2518	2452	2039	2219	2040	2053	1089	1902	1736	1862	1755	1529	1408	119,699
2998	2845	2940	2681	2766	2448	2407	2338	2136	2073	1912	1688	1956	1755	2221	1677	1978	1541	97,534
3177	2507	2564	2219	2354	2504	2070	2245	1904	2106	1989	1965	1657	1702	1726	1596	1745	1668	85,749
4618	4497	3800	3229	3205	2872	2749	2313	2386	2327	2097	2154	1909	1883	1931	1769	1604	1678	127,235
2756	2748	2948	2581	2549	2358	2044	1968	2099	1813	1878	1733	1851	1694	1647	1759	1341	1439	89,509
2465	2116	2312	2027	2196	1963	1824	1660	1616	1489	1732	1628	1422	1293	1371	1533	1355	1424	65,869
2854	3341	3069	2438	2619	2616	2203	2504	2516	2360	1941	2194	2032	1974	1712	1981	2036	1447	94,422
2035	2157	2286	1967	1814	1697	1672	1751	1647	1587	1464	1439	1282	1464	1299	1329	1487	1576	74,153
2170	2145	1957	2225	1777	2134	1720	1808	1779	1840	1407	1817	1355	1617	1566	1465	1556	1913	71,233
1671	1528	1795	1538	1323	1340	1423	1235	1495	1201	1170	873	1127	1052	1108	666	1108	1019	52,448
1476	1242	1473	1079	1247	1136	881	925	1132	1104	584	876	763	730	589	1024	392	1005	40,787
995	836	799	900	608	773	776	761	733	754	752	665	630	685	1082	739	562	717	28,410
2241	2261	2074	1950	1682	1772	1638	1631	1608	1368	1597	1457	1536	1890	1523	1366	1343	1209	71,456
1975	2595	2369	2138	1952	1565	2216	1769	1624	1606	1690	1171	1802	1460	1420	1351	1334	1282	74,384
2385	2277	2153	1898	2106	1857	1805	1549	1557	1453	1408	1667	1211	1226	1359	1360	1432	1497	76,473
5229	4902	4894	4779	4570	4694	4397	3995	3836	3732	3302	3244	3072	2685	2903	2907	2458	2616	169,482
830	693	651	723	718	165	441	1046	946	382	687	753	720	706	535	532	324	759	27,000
2511	2369	2167	2259	2542	2208	2163	1787	1969	1560	1847	1547	1603	1332	1325	1297	1093	1127	88,641
1238	1136	1126	1183	1103	1034	984	999	879	896	922	911	1020	879	487	831	779	921	38,063

NATURAL FLOW OF BOISE

BEGINNING 1941

AUGUST

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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

AUGUST

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
117	913	854	877	861	1240	962	832	878	800	709	864	813	815	701	752	710	654	27,248
672	906	639	617	718	677	567	574	734	565	674	586	571	602	519	621	635	648	23,395
704	1570	1432	1519	1397	1520	1192	1269	1234	1301	1105	1311	1174	1220	1160	1125	1136	1180	50,242
707	647	621	644	703	619	499	579	547	596	546	525	523	599	502	603	511	394	21,632
840	788	853	767	801	635	735	765	746	665	750	515	584	579	570	657	585	291	25,815
684	933	734	989	590	772	811	768	705	934	790	904	919	808	919	899	763	776	28,309
733	699	698	696	695	693	692	693	692	691	692	692	690	688	684	709	676	754	23,084
715	694	697	693	695	693	682	683	673	675	676	675	677	667	652	644	636	628	22,306
848	758	765	892	780	745	690	617	525	544	602	589	459	600	515	544	549	571	20,560
400	1136	1127	1017	1025	949	976	1019	1059	945	1010	1094	894	863	960	801	729	725	38,310
130	968	867	816	1110	976	759	841	1461	672	834	1197	994	934	805	840	766	990	35,485
392	1495	804	823	1077	948	1009	1137	980	1305	992	532	571	850	903	633	372	1101	34,380
962	1178	1293	1130	1048	1017	1208	1001	1176	1110	879	959	975	1012	804	1132	989	856	36,623
139	1300	876	1135	770	1052	746	1105	1324	843	1048	776	926	775	960	960	749	672	33,180
051	1203	731	925	877	966	1004	1023	936	843	611	798	630	778	638	886	863	183	28,377
038	808	1095	1214	222	1164	474	1180	518	926	818	866	946	342	777	767	1252	600	31,367
761	728	807	605	842	764	490	786	792	265	746	610	1117	940	189	1104	589	495	25,972
930	899	1096	661	980	934	998	848	892	731	378	803	690	699	627	992	639	683	30,883
442	1146	(-229)	837	698	572	1495	1131	898	948	777	856	968	775	800	782	181	1310	24,216
623	463	413	966	666	949	537	717	579	706	759	978	914	773	782	759	767	1087	22,879
793	715	1036	673	646	478	733	635	688	427	612	653	674	839	688	614	681	630	20,030
164	821	758	698	706	808	938	846	834	893	758	780	813	679	805	785	972	730	28,726
947	888	607	759	886	816	1456	93	286	1315	(-5)	815	771	591	752	806	897	719	26,655
831	630	704	691	785	451	717	289	1027	788	689	700	689	391	448	768	688	836	25,046
553	2042	1913	1773	1656	1905	1804	2075	1835	2112	3175	205	1576	1437	1397	1179	1255	1298	59,163
571	593	634	542	626	663	574	689	539	525	527	504	548	655	775	691	571	650	19,526
113	681	691	767	766	812	942	939	353	875	675	809	650	629	661	1012	617	692	24,550
80	1369	1382	1141	1709	1891	1892	1869	1729	1751	1547	1301	1227	1179	1174	1078	1011	1044	36,100

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	638	610	690	733	613	665	664	666	678	696	658	617	771	763	824	652	730	727	655	708
1942	590	698	519	647	559	574	499	521	533	505	620	622	581	634	606	647	627	619	554	775
1943	1164	1144	1073	1106	1027	1032	957	1034	987	826	809	1008	861	966	842	859	738	753	662	814
1944	416	563	575	641	562	728	670	609	577	560	528	764	413	532	432	443	467	546	726	725
1945	685	629	583	565	528	608	543	508	658	508	659	629	572	538	174	651	625	611	646	667
1946	728	643	628	841	671	764	851	794	881	756	762	687	681	657	578	675	703	926	886	957
1947	706	682	686	610	606	562	639	637	636	710	706	700	698	692	682	672	668	606	632	628
1948	634	626	621	625	630	634	630	634	634	578	575	585	644	617	606	595	539	521	517	485
1949	495	544	503	455	433	308	516	467	515	598	588	732	597	566	602	523	494	599	430	492
1950	896	632	821	643	507	515	497	541	1024	1752	1298	929	756	817	986	723	922	721	532	1160
1951	756	841	1124	617	775	617	709	570	768	848	643	616	692	904	596	696	736	609	534	318
1952	873	760	1022	997	666	854	692	727	630	634	856	765	738	2155	1049	739	1014	709	699	1277
1953	834	982	975	1043	835	897	937	938	805	874	923	837	850	636	805	802	583	869	794	709
1954	817	692	659	610	820	529	500	646	636	686	544	709	713	627	860	898	605	1024	860	772
1955	517	573	605	582	896	381	450	648	567	880	919	714	174	588	529	705	858	929	926	716
1956	801	1317	499	951	1207	1087	1141	1163	1133	1087	931	988	1039	996	1094	813	684	927	777	598
1957	383	908	1223	1448	633	882	956	854	924	926	778	967	800	706	928	917	799	759	848	1109
1958	746	750	1069	1070	1196	1211	989	870	716	1286	1071	623	1131	870	1166	1035	910	910	608	1313
1959	888	919	984	1104	678	482	891	232	469	723	923	670	781	822	1575	1793	1130	711	1523	1743
1960	876	657	500	706	1541	897	670	678	690	712	802	783	805	1146	962	1097	817	936	811	976
1961	346	629	778	556	634	592	372	633	509	729	761	635	676	559	552	592	701	1050	517	716
1962	830	799	719	774	742	963	792	670	696	749	775	829	880	836	784	892	889	789	676	711
1963	1037	1188	920	801	740	858	628	1169	1067	873	783	730	840	784	1015	864	798	898	969	1013
1964	1017	1203	1251	941	715	827	1167	732	831	654	667	735	788	735	880	1167	1088	687	889	933
1965	1190	1130	1228	952	1147	1048	1049	1262	2065	1723	1553	1254	1429	1344	1493	756	1889	1156	1367	1384
1966	598	629	583	589	570	616	59	585	474	769	1098	591	939	681	580	983	825	815	675	839
1967	785	725	800	748	689	771	847	763	872	715	821	883	953	773	835	818	739	711	717	783
1968	925	974	972	943	905	953	791	1018	961	-91	1316	1327	893	824	788	1004	865	818	835	940

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

SEPTEMBER

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

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

OCTOBER

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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

OCTOBER

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

NATURAL FLOW OF BOISE RI

BEGINNING 1941

NOVEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	781	821	822	930	1393	1076	1022	894	905	852	802	903	780	894	1387	2533	1954	1566	1420
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186	1150
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967	1087
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682	577
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888	936
1946	1031	1033	929	844	934	947	1063	971	983	972	1028	937	844	850	944	936	856	947	1115
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928	1024
1948	813	1214	1689	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883	854
1949	805	700	726	794	680	690	694	774	990	1089	971	841	855	836	911	871	796	734	789
1950	1073	2011	1952	1253	1350	1264	1461	1647	1640	1352	950	1333	1115	1313	1197	1140	1183	1327	1659
1951	1030	906	1003	1365	1001	1304	1093	827	1116	447	147	1470	1072	1368	952	1394	87	1272	53
1952	401	562	788	1205	800	921	921	778	625	635	523	1159	1188	1634	1240	843	525	947	894
1953	678	951	844	716	853	798	735	1074	763	749	1072	921	916	803	829	957	776	784	732
1954	773	403	949	810	888	743	663	713	717	728	709	914	961	891	903	1181	1329	1059	907
1955	973	847	778	561	910	824	838	702	880	881	1074	1000	858	939	1029	478	613	1034	1115
1956	1245	1077	1093	1225	906	997	1220	964	1172	1182	1213	1248	1087	1024	934	841	1052	1114	1167
1957	823	899	1037	894	733	536	682	969	635	792	1181	804	908	1081	1332	827	843	721	432
1958	606	567	752	930	869	764	1436	2330	1567	1066	1436	1047	1039	1297	1571	824	591	947	862
1959	1268	1246	1236	1165	1207	818	1199	1039	1152	978	984	1116	1017	652	518	718	1102	847	1010
1960	554	980	805	836	1038	595	849	735	763	730	737	795	1333	1091	748	904	368	1466	1201
1961	745	806	941	901	1098	467	619	148	1618	546	1192	991	540	689	1031	941	610	546	650
1962	1429	856	1207	484	1267	784	1066	1083	1031	456	898	1071	1322	1255	1441	522	569	794	941
1963	689	943	720	832	956	1054	1007	1099	1526	1654	1473	1043	769	1083	1558	1547	1623	1337	936
1964	684	774	1180	810	760	696	816	883	851	736	957	988	922	632	589	665	478	576	1132
1965	1090	1006	1047	805	856	1036	884	884	1062	937	849	763	1176	1100	1316	1307	1025	1217	1346
1966	539	753	625	652	532	722	931	1061	733	709	741	874	602	908	1554	1010	1061	963	681
1967	1213	942	1007	721	832	919	677	856	330	1118	1271	955	1010	874	976	946	1136	832	1143
1968	1076	936	1088	1161	1105	959	931	831	1114	1747	1639	1605	2072	1694	1538	1299	1228	1430	1420

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

NOVEMBER

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
2	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
6	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
5	860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581		26,100
0	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
0	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
5	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,791
2	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
6	911	871	796	734	789	764	726	630	792	1425	1580	1368	1300	1348	1197	1905		28,581
3	1197	1140	1183	1327	1659	1697	1595	1881	1274	1274	1366	1406	1356	1455	1228	1472		42,224
8	952	1394	87	1272	53	2770	775	1279	1051	898	886	863	1518	1230	1330	1209		31,716
4	1240	843	525	947	894	961	643	1021	708	248	853	123	845	946	822	562		24,321
3	829	957	776	784	732	528	609	1225	1989	2112	1272	666	1721	1369	1292	1130		29,864
1	903	1181	1329	1059	907	875	1050	803	883	786	783	876	749	795	742	506		25,089
9	1029	478	613	1034	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413		34,343
4	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238		31,232
1	1332	827	843	721	432	1252	1201	280	300	1521	413	1067	1053	1339	1098	421		26,074
7	1571	824	591	947	862	1345	1495	1612	1404	961	1068	926	448	517	646	975		31,898
2	518	718	1102	847	1010	1057	873	1112	1141	1276	1154	1232	806	753	855	895		30,426
1	748	904	368	1466	1201	1145	923	808	693	985	1226	972	1318	1027	706	590		26,921
9	1031	941	610	546	650	646	1092	839	1327	1142	894	1154	905	971	868	913		25,830
5	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162		32,507
3	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		33,499
2	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154		27,144
0	1316	1307	1025	1217	1346	1017	1041	1117	1063	1156	1019	1088	1125	903	862	512		30,609
8	1554	1010	1061	963	681	667	996	1071	758	389	628	525	492	247	755	1078		23,257
4	976	946	1136	832	1143	1254	971	532	936	1091	896	920	888	478	680	1167		27,571
4	1538	1299	1228	1430	1420	1546	1183	1349	1192	1435	1784	1508	1107	1486	1023	1020		39,500

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

NOVEMBER

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
2	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
16	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
15	860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581		26,100
0	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
50	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
15	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,791
2	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
16	911	871	796	734	789	764	726	630	792	1425	1580	1368	1300	1348	1197	1905		28,581
3	1197	1140	1183	1327	1659	1697	1595	1881	1274	1274	1366	1406	1356	1455	1228	1472		42,224
58	952	1394	87	1272	53	2770	775	1279	1051	898	886	863	1518	1230	1330	1209		31,716
34	1240	843	525	947	894	961	643	1021	708	248	853	123	845	946	822	562		24,321
03	829	957	776	784	732	528	609	1225	1989	2112	1272	666	1721	1369	1292	1130		29,864
31	903	1181	1329	1059	907	875	1050	803	883	786	783	876	749	795	742	506		25,089
39	1029	478	613	1034	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413		34,343
24	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238		31,232
11	1332	827	843	721	432	1252	1201	280	300	1521	413	1067	1053	1339	1098	421		26,074
17	1571	824	591	947	862	1345	1495	1612	1404	961	1068	926	448	517	646	975		31,898
52	518	718	1102	847	1010	1057	873	1112	1141	1276	1154	1232	806	753	855	895		30,426
11	748	904	368	1466	1201	1145	923	808	693	985	1226	972	1318	1027	706	590		26,921
39	1031	941	610	546	650	646	1092	839	1327	1142	894	1154	905	971	868	913		25,830
55	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162		32,507
33	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		33,499
12	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154		27,144
10	1316	1307	1025	1217	1346	1017	1041	1117	1063	1156	1019	1088	1125	903	862	512		30,609
18	1554	1010	1061	963	681	667	996	1071	758	389	628	525	492	247	755	1078		23,257
4	976	946	1136	832	1143	1254	971	532	936	1091	896	920	888	478	680	1167		27,571
4	1538	1299	1228	1430	1420	1546	1183	1349	1192	1435	1784	1508	1107	1486	1023	1020		39,500

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	943	947	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1838	1871	213
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1109	1052	920	94
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	746	770	748	759	939	974	100
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640	86
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833	69
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870	1845
1947	1182	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991	844
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720	739
1949	1304	1122	1148	775	799	860	789	842	891	780	701	326	650	903	718	818	789	994	1106	565
1950	1398	1398	1485	1441	1551	1451	1561	1878	1630	1645	1760	1650	1652	2108	1284	1179	1669	1304	1206	1181
1951	2368	3459	2250	2024	1569	1834	1117	879	711	916	962	1493	1338	1059	1098	754	1072	1273	1362	807
1952	723	779	1163	823	753	701	875	1006	902	742	931	938	1424	1071	1096	1443	879	733	444	1164
1953	996	1167	917	971	1236	1037	677	1271	960	1221	1025	877	864	854	527	792	1004	968	526	1599
1954	309	588	953	1001	682	902	817	859	702	604	707	858	712	913	817	697	454	504	967	1329
1955	535	1329	854	1401	739	746	1021	1181	558	1705	1160	923	876	919	784	970	897	1438	1641	2250
1956	385	1145	643	1060	1198	554	733	797	542	483	2817	2027	1978	2196	1817	1811	1316	1170	1588	897
1957	503	609	1285	630	553	1042	1317	1215	689	899	(-127)	1561	864	1238	1019	238	1458	1391	1035	1195
1958	809	1308	1419	940	1271	1190	791	1164	1547	951	1404	3044	2870	2586	1169	1251	1932	1401	1286	1009
1959	871	1051	725	1083	916	495	273	713	548	704	892	844	838	1003	571	829	735	862	931	897
1960	986	617	1099	1012	840	1310	397	(-309)	671	616	722	679	734	845	924	713	742	1054	1221	995
1961	832	1033	874	1052	1024	647	597	597	853	418	701	386	849	706	952	929	813	980	705	1199
1962	1027	1132	1674	1987	1547	1338	1057	1415	1034	1168	826	737	806	902	1564	1156	1029	1149	1207	939
1963	715	815	774	635	870	495	1073	893	1024	746	999	1034	576	789	985	854	961	862	1124	869
1964	1168	1687	1680	1361	1039	949	819	734	816	1226	1288	1034	754	880	1116	989	597	592	651	760
1965	714	767	1091	1178	976	1193	963	665	749	971	1481	906	941	582	819	766	746	747	501	407
1966	842	804	784	1012	1147	955	912	679	1156	656	671	1049	666	1088	1283	795	444	670	998	573
1967	912	871	625	922	730	1014	957	854	698	700	1054	602	692	374	374	410	583	870	954	724
1968	1132	1183	1018	1251	1038	1290	974	942	1030	1127	1012	1105	1004	753	906	1082	1114	782	943	779

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

DECEMBER

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

NATURAL FLOW OF BOISE RIVER

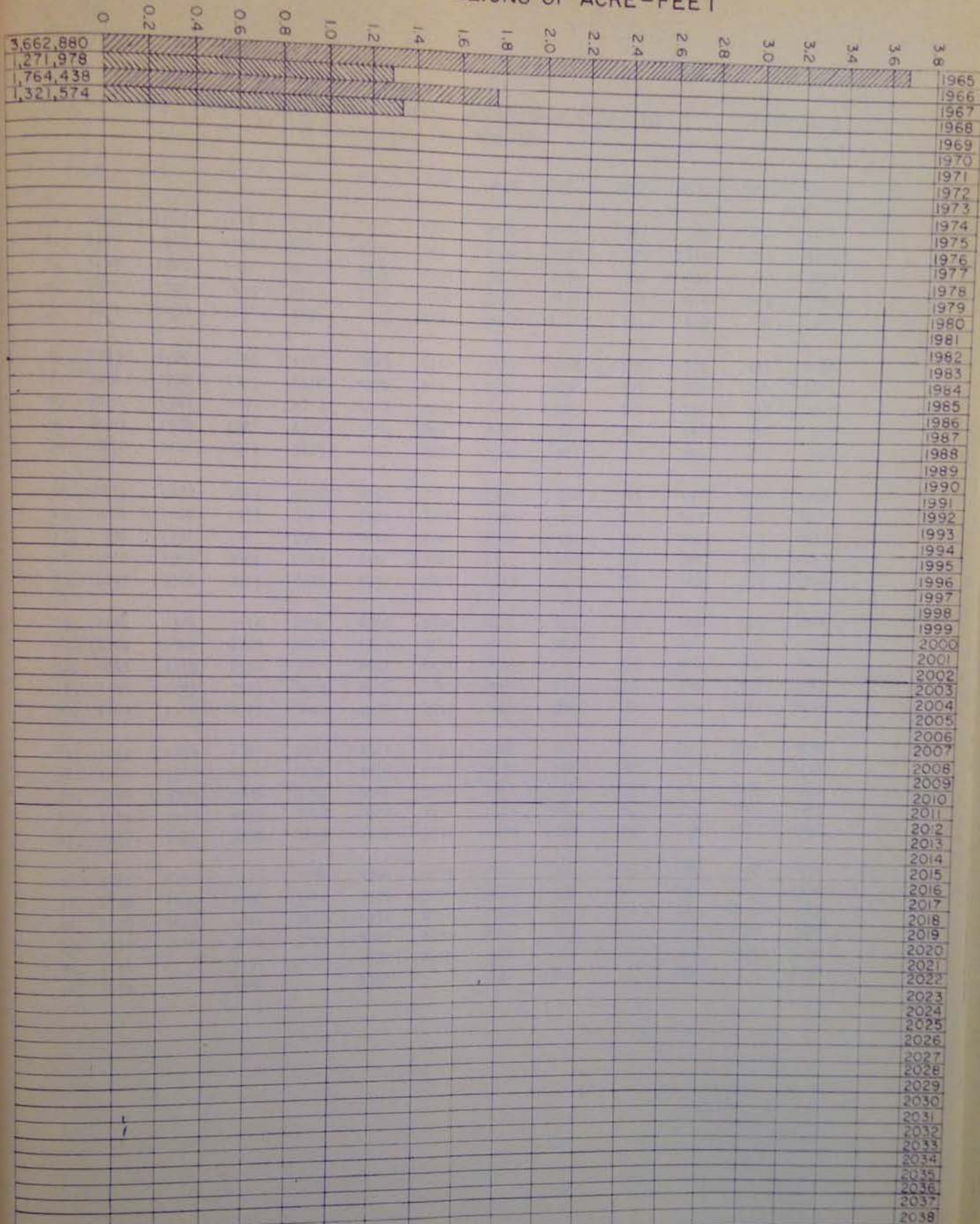
CHART NO. 2

BEGINNING 1941

DECEMBER

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419	
1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891	
770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,884	
464	505	765	610	640	866	1032	818	1137	906	839	783	615	621	588	906	826	21,451	
568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356	
4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696	
922	901	811	959	991	844	951	798	792	974	746	737	736	779	961	790	514	27,702	
980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547	
718	818	789	994	1106	565	729	778	931	907	764	779	795	975	725	739	748	25,750	
1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1248	670	907	1599	1440	44,493	
1098	754	1072	1273	1362	807	959	2049	2046	1243	1237	629	1252	1145	1739	1438	1333	43,415	
1096	1443	879	733	444	1164	658	1763	1202	71	227	465	806	1020	1020	579	922	27,323	
527	792	1004	968	526	1599	1237	1317	791	503	829	717	1112	673	519	950	729	28,866	
817	697	454	504	967	1329	246	(-288)	891	601	737	1043	1092	588	966	862	957	23,070	
784	970	897	1438	1641	2250	2221	4106	16700	20551	11314	7381	5053	4416	3637	2732	2871	102,909	
1817	1811	1316	1170	1588	897	932	1058	1009	605	1392	622	992	309	807	1031	840	34,754	
1019	238	1458	1391	1035	1195	1001	1370	455	(-56)	2216	1268	1033	417	1472	809	465	29,064	
1169	1251	1932	1401	1286	1009	1382	1356	1401	998	1312	1203	1269	1094	1039	690	901	41,987	
571	829	735	862	931	897	593	685	623	1058	1251	972	814	716	717	353	694	24,257	
924	713	742	1054	1221	995	493	751	892	632	951	955	558	871	860	418	734	23,983	
952	929	813	980	705	1199	818	1295	789	966	1017	752	678	708	833	1044	889	25,936	
1564	1156	1029	1149	1207	939	1127	994	1234	800	295	414	706	736	976	1145	838	32,959	
985	854	961	862	1124	869	768	763	724	648	687	867	836	840	963	802	595	25,586	
1116	989	597	592	651	760	1046	2152	18378	27294	19240	11963	8143	6823	5706	4580	3940	129,405	
819	766	746	747	501	407	546	576	889	815	1030	924	829	1184	803	879	707	26,345	
1283	795	444	670	998	573	1117	553	642	633	605	704	498	368	551	1074	630	24,559	
374	410	583	870	954	724	994	740	527	880	1213	940	720	1243	865	766	899	24,707	
906	1082	1114	782	943	779	679	899	950	946	1335	1476	1180	1113	822	1040	879	31,784	

RUNOFF IN MILLIONS OF ACRE- FEET



ANNUAL RUNOFF OF BOISE RIVER
AT DIVERSION DAM

CORRECTED FOR HOLDOVER STORAGE

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 70 YEAR PERIOD, 1895 THRU 1965

CHART NO. 3

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

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

CHART 3-A

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

TOTAL MONTHLY FLOW OF BOISE RIVER

FOR IRRIGATION YEARS BEGINNING

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	152300
1895-96	57040	54980	50780	73440	67660	157560	295040	555382	1464280	385500
1896-97	54220	61300(3)	64600	50520	55240	88000	476000(5)	508000(6)	415000(5)	143300
1897-98	63420	64100	61500(7)	34100	67200	119280	251700	320280	299360	116800
1898-99	53262	56242	151640	160600	78640	113900	425740	608020	731400	356100
1899-1900	83664	90000	97000	125420	100500	305220	380120	510720	300640	841500
1900-01	63570	61880	65060	79440	98340	179320	305900	626460	287420	116400
1901-02	56464	55892	76400	61300	90440	88920	213470	353460	287160	106720
1902-03	45630	54418	63474	81760	63570	143360	448220	520620	601880	147580
1903-04	58554	67800(7)	67800	124000(1)	108000(1)	264140	671840	828600	521060	201920
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	229820	247660	788600
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	163340
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673540	683520	534560	335840
1907-08	57890	55970	63300	67190	63282	141130	382320	370360	324780	197960
1908-09	68440	59280	58000	138160	110680	228840	473220	605240	655220	226800
1909-10	63140	200560	124760	79900	66600	566900	609980	511760	310360	110040
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	233040
1911-12	66670	66700	63500	78420	76120	99580	340920	684180	677560	173930
1912-13	66960	67820	60680	53800	51400	101800	374960	573740	413420	158660
1913-14	63524	80180	61384	71196	74968	216040	469040	553660	307700	124130
1914-15	69684	58366	44800	59580	59726	94782	196558	274128	191900	83872
1915-16	42410	45626	53346	49930	63262	197486	555062	563752	594764	293818
1916-17	59106	54020	53702	47628	47694	61740	267082	654156	643322	260216
1917-18	46004	49506	128592	113828	77736	181442	346040	409954	462460	112526
1918-19	64292	56578	49118	50532	52844	114916	395854	509192	240872	69736
1919-20	47968	56548	53010	66528	66714	89254	189044	449730	333468	117324
1920-21	59966	75678	67106	112422	94098	271472	394484	824038	718728	175390
1921-22	55492	78176	89958	60982	53180	113692	319642	752474	659864	148066
1922-23	52168	48886	52872	62094	50860	92700	273726	454010	376208	192504
1923-24	61592	52930	51286	48954	72446	63550	136450	243200	76792	35296
1924-25	39218	53862	42912	48414	129386	192378	501862	700486	367370	152598
1925-26	58424	51382	63482	48416	64264	140450	232784	247930	104636	42192
1926-27	34882	67640	84702	62700	107342	185560	374434	660044	729736	234042
1927-28	67804	143162	98102	90026	79090	276560	316008	852194	305760	115962
1928-29	49856	50404	46770	46690	49214	106834	179238	359536	285968	96482
1929-30	39356	36848	69548	44778	64388	103616	274178	295246	257700	77726

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

CHART

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
43140	395220	225700	152380	63620	58000	1,559,520
95040	555382	1464280	385520	81960	57500	3,301,142
76000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,950
51700	320280	299360	116848	45720	39168	1,482,676
25740	608020	731400	356160	109940	68900	2,914,444
80120	510720	300640	84156	53500	51212	2,182,152
05900	626460	287420	116400	52222	49704	1,985,716
13470	353460	287160	106720	49496	40914	1,480,636
48220	520620	601880	147580	53000	46344	2,269,856
71840	828600	521060	201920	71972	43830	3,029,516
76200	229820	247660	78860	39870	34660	1,183,050
37920	428100	346980	163340	52410	41090	1,703,390
73540	683520	534560	335840	101600	62070	3,207,380
82320	370360	324780	197960	64920	55524	1,844,626
73220	605240	655220	226800	63690	57220	2,744,790
09980	511760	310360	110040	55970	56390	2,756,360
23960	549120	740660	233040	74906	59636	2,494,052
40920	684180	677560	173980	83380	66080	2,477,090
74960	573740	413420	158660	82964	54290	2,060,494
69040	553660	307700	124130	58742	52654	2,133,218
96558	274128	191900	83872	40926	39672	1,213,994
55062	563752	594764	293818	80102	53686	2,593,244
67082	654156	643322	260216	65224	43950	2,257,840
46040	409954	462460	112526	56292	51122	2,035,502
95854	509192	240872	69736	36404	34262	1,674,600
89044	449730	333468	117324	40586	39234	1,549,408
94484	824038	718728	175390	62908	48784	2,905,074
19642	752474	659864	148066	65210	47974	2,444,710
73726	454010	376208	192504	67552	42946	1,766,526
36450	243200	76792	35296	24426	25320	892,242
01862	700486	367370	152598	60730	47302	2,336,518
32784	247930	104636	42192	30858	29480	1,114,298
74434	660044	729736	234042	74454	57570	2,673,106
16008	852194	305760	115962	51846	38016	2,434,530
79238	359536	285968	96482	35716	31802	1,338,510
74178	295246	257700	77726	44922	36050	1,344,356

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM

(5) MISSING DAYS SUBSTITUTED FROM
YEAR MEAN

(6) MISSING MONTHS SUBSTITUTED FR
YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEAR

VER - IN ACRE FEET

CHART NO. 4

NG 1894 - 1895

JULY	AUGUST	SEPTEMBER	TOTAL
2380	63620	58000	1,559,520
5520	81960	57500	3,301,142
3300	67250	62520	2,045,950
6848	45720	39168	1,482,676
56160	109940	68900	2,914,444
34156	53500	51212	2,182,152
16400	52222	49704	1,985,716
06720	49496	40914	1,480,636
47580	53000	46344	2,269,856
01920	71972	43830	3,029,516
78860	39870	34660	1,183,050
63340	52410	41090	1,703,390
35840	101600	62070	3,207,380
197960	64320	55524	1,844,626
226800	63690	57220	2,744,790
110040	55970	56390	2,756,360
233040	74906	59636	2,494,052
173930	83380	66080	2,477,090
158660	82964	54290	2,060,494
124130	58742	52654	2,133,218
83872	40926	39672	1,213,994
293818	80102	53686	2,593,244
260216	65224	43950	2,257,840
112526	56292	51122	2,035,502
69736	36404	34262	1,674,600
117324	40586	39234	1,549,408
175390	62908	48784	2,905,074
148066	65210	47974	2,444,710
132504	67552	42946	1,766,526
35296	24426	25320	892,242
152598	60730	47302	2,336,518
42192	30858	23480	1,114,298
234042	74454	57570	2,673,106
115962	51846	38016	2,434,530
96482	35716	31802	1,338,510
77726	44922	36050	1,344,356

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM 1900

(5) MISSING DAYS SUBSTITUTED FROM 21
YEAR MEAN

(6) MISSING MONTHS SUBSTITUTED FROM 21
YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS

TOTAL MONTHLY FLOW OF BOISE R
FOR IRRIGATION YEARS BEGINN

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

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

CHAR

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

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

LOW OF BOISE RIVER - IN ACRE FEET

CHART NO. 4

YEARS BEGINNING 1894 - 1895

MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
251538	110844	34042	23952	23940	946,884
564176	458224	154044	57524	42730	1,922,920
341610	538198	106458	43964	32200	1,587,524
204008	85624	36200	23570	26072	1,080,470
428528	363262	98220	38058	29980	1,585,126
625906	319284	79080	43354	38360	1,984,842
381192	178996	59986	25948	25746	1,166,320
711314	558138	201292	71190	46910	2,625,842
341836	136300	60358	28454	30436	1,379,002
434480	227258	64910	30808	39548	1,612,680
365336	266776	85452	54496	41720	1,404,722
325576	362374	139112	46790	35496	1,682,756
722804	627754	359598	100484	53192	3,563,670
303208	247726	106326	43264	35352	1,258,266
473146	405996	139040	51630	39020	1,682,684
651660	378822	125920	56618	45272	2,436,242
545764	297240	110646	46168	38466	1,905,602
505792	459706	109372	44612	36580	1,789,114
571670	304424	93542	41120	31176	1,849,320
563086	548282	239398	76620	48176	2,329,114
684894	440580	195068	70970	42550	2,547,002
901634	518282	171498	68760	49854	2,866,216
403582	588956	254470	73246	48328	2,169,496
597550	339666	179018	66360	41668	2,074,702
397270	419360	131738	56754	40794	1,464,498
841354	582588	188844	62734	55716	3,173,886
753940	518012	148306	51944	53366	2,424,828
946374	501566	142466	61766	54424	2,494,978
331594	362156	104896	48432	67634	1,629,768
374362	333350	81574	45758	46244	1,725,934
298818	229386	56820	40060	38212	1,176,726
406458	425398	142912	57452	49586	1,861,296
452916	411904	148768	53310	56736	1,788,556
457280	407856	152946	50092	52798	1,731,596
836232	778888	338964	118326	77252	3,662,880
327154	178048	54000	39052	37766	1,271,978
483144	526106	177282	49100	45416	1,764,438
259286	278606	76126	72200	55250	1,321,574

BY DAYS DURING THE IRRIGATION SEASON OF

NAME OF CANAL	APRIL														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN															
ANDREWS												1	1	1	1
BALLENTYNE											30	30	30	30	30
BAXTER											10	20	18	17	15
BOISE CITY											9	9	9	9	9
BOWMAN-SWISHER															
BURR (SOUTH BOISE MUTUAL)															
CALDWELL HIGH LINE															16
CAMPBELL (CANYON)												58	37	37	37
CANYON COUNTY													32	32	32
														44	44
CONWAY-HAMMING															
DAVIS DITCH															
EUREKA #2											11	9	8	6	4
FARMERS UNION								42	42	48	54	60	59	58	58
GRAHAM-GILBERT	20	20	20	20	20	20	20	42	37	63	76	96	98	100	113
															17
HAAS															
HART-DAVIS															
ISLAND HIGH LINE															
LEMP															
LITTLE PIONEER										10	10	10	10	10	10
											25	27	28	26	28
LOWER CENTER POINT															33
MACE-CATLIN								17	18	18	19	20	21	22	22
MACE-MACE											3	3	3	3	3
MCCONNELL ISLAND															
MEHANUS & TEATER														43	43
															43
NEEVES															
HIDDLETON															1
															1
NEW DRY CREEK												60	64	68	72
															76
NEW YORK CANAL (B. OF C.)															54
PARMA				450	500	500	500	1000	1000	1200	1400	1475	1496	1496	1607
								10	10	11	11	12	12	13	13
PENITENTIARY															
PHYLLIS											183	207	231	255	278
RIDENBAUGH									105	145	150	229	227	223	310
RIVERSIDE							175	175	175	175	175	175	175	175	175
RODEL														2	2
ROSSI MILL														2	6
SEBREE (FARMERS CO-OP)				78	78	78	74	78	83	83	89	91	92	105	141
SETTLERS															44
SEVEN SUCKERS								5	5	5	5	5	5	5	5
SIEBENBERG															16
THURMAN MILL															
UPPER CENTER POINT								10	10	11	13	14	14	14	13
WARM SPRINGS SLOUGH															13
TOTAL CANAL DIVERSIONS	20	20	20	548	598	773	843	1374	1528	1875	2429	2625	2757	2827	3311
MISCELLANEOUS															
TOTAL DIVERSIONS															

BY DAYS DURING THE IRRIGATION SEASON OF 1968, INCLUDING STORAGE

[illegible]

1374 1528 1875 2429 2625 2757 2827 3311 3706 4092 4459 4672 4977 5042 5271 5423 5072 5060 5095 5187 5230 5363

INCLUDING STORAGE

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
2	2	3	3	4	4	4	4	5	5	5	6	6	6		64
30	30	28	26	25	23	21	19	17	17	16	16	15	15		478
14	14	13	15	16	18	18	18	18	17	17	17	17	17		324
9	9	9	9	10	10	11	11	12	11	10	10	9	9		193
30	31	31	32	32	32	34	33	30	30	30	30	28	29		451
7	8	8	9	10	10	11	12	12	12	12	12	11	11		152
19	19	19	19	19	18	19	17	13	13	13	18	17	18		274
57	52	52	52	64	64	64	69	64	68	63	63	54	53		1041
32	33	34	36	37	39	40	41	40	38	37	35	34	32		636
69	74	76	76	75	77	78	76	75	70	70	78	77	78		1198
9	12	15	15	14	14	5	5	6	6	6	7	7	7		49
56	63	70	77	84	91	14	14	14	14	14	14	14	14		235
185	195	206	208	209	217	98	105	104	104	103	103	102	102		1740
						226	236	236	234	239	240	241	241		4030
										2	2	2	2		8
	8	8	8	8	9	9	9	9	9	9	9	9	9		113
			14	14	14	15	16	17	19	20	21	22	23		195
	31	31	31	31	32	32	32	32	31	31	31	30	30		405
9	9	8	8	7	7	7	6	5	4	3	2	1	0		146
33	32	33	31	27	27	26	21	21	25	26	26	27	27		549
23	24	26	28	30	32	33	34	33	32	32	31	31	30		576
4	4	5	5	6	7	7	7	7	6	6	6	6	6		97
				6	6	6	6	5	5	5	4	4	4		51
43	43	43	44	45	45	46	47	48	46	44	41	38	35		737
		6	6	6	6	6	6	6	6	6	6	6	6		72
1	1	2	2	2	2	2	2	1	1	0	0	0	0		18
85	94	103	112	121	130	139	146	153	160	168	175	183	191		2300
55	55	55	55	55	80	83	83	83	83	83	79	83	79		1065
1796	2007	2180	2301	2540	2498	2612	2713	2347	2311	2331	2389	2394	2502		45545
14	14	15	16	17	17	18	19	20	20	20	20	19	19		340
290	302	314	326	338	350	361	369	377	385	393	401	408	416		0
383	439	493	500	502	500	543	541	546	552	556	561	575	585		6184
175	179	183	187	192	196	201	206	209	213	216	220	224	227		8665
2	2	2	3	3	3	4	4	4	5	5	5	6	6		4578
															58
6	9	6	8	6	10	10	10	9	12	9	10	12	8		133
140	153	205	226	226	226	226	227	228	237	237	237	248	260		4146
64	80	102	111	123	151	164	170	178	180	183	187	189	188		2114
5	5	5	5	5	5	4	4	4	4	4	4	4	4		102
16	16	16	16	15	15	15	15	15	15	15	16	16	16		233
30	30	34	38	38	41	43	42	42	34	32	31	39	37		511
13	13	14	14	15	16	16	17	16	16	15	15	14	14		320
							11	11	10	9	9	8	7		65
3706	4092	4453	4672	4977	5042	5271	5423	5072	5060	5095	5187	5230	5363		90191
															283
															90474

BY DAYS DURING THE IRRIGATION SEASON OF 196

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	MAY
AIKEN	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5
ANDREWS	14	14	14	15	16	16	17	18	19	20	20	21	22	23	23	23
BALLENTYNE	17	17	17	17	17	17	17	17	17	17	17	17	17	0	0	0
BAXTER	8	7	7	8	9	10	11	12	13	13	14	14	14	15	15	15
BOISE CITY	39	39	39	40	40	40	40	40	40	39	39	39	39	39	38	39
BOWMAN-SWISHER	11	11	11	12	12	13	13	14	14	14	14	14	14	0	0	0
BUBB (SOUTH BOISE MUTUAL)	18	18	18	18	21	21	21	21	19	18	20	21	18	18	19	18
CALDWELL HIGH LINE	54	54	54	53	54	54	53	50	51	52	52	52	52	52	52	50
CAMPBELL (CANYON)	30	29	29	30	30	31	31	32	32	33	34	34	35	35	36	36
CANYON COUNTY	79	76	74	74	74	72	68	63	69	70	68	73	76	71	69	65
CONWAY-HAMMING	7	7	7	6	6	6	6	6	6	5	5	5	5	4	4	4
DAVIS DITCH	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
EUREKA #2	101	101	105	109	113	117	121	125	125	124	124	123	122	122	121	121
FARMERS UNION	256	256	257	257	256	263	254	254	253	253	252	251	255	246	246	246
GRAHAM-GILBERT	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
HAAS	9	9	9	11	12	14	15	17	18	16	14	12	9	7	8	9
HART-DAVIS	22	20	19	17	15	14	15	15	16	17	17	18	19	19	19	19
ISLAND HIGH LINE	30	29	29	31	33	35	37	39	41	43	45	46	48	50	50	50
LEMP	0	0	0	17	13	10	6	6	6	6	7	7	7	7	8	8
LITTLE PIONEER	25	28	27	27	29	28	28	28	28	28	29	29	28	29	27	14
LOWER CENTER POINT	30	29	29	30	31	31	32	32	32	33	33	34	34	35	35	36
MACE-CATLIN	8	10	11	12	13	14	15	14	13	12	10	9	8	7	6	5
MACE-MACE	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
MCCONNEL ISLAND	33	31	29	30	31	31	32	33	34	36	39	42	45	47	46	45
MCMAHON & TEATER	0	0	0	0	3	3	3	3	3	3	3	3	4	4	4	4
MEEVES	3	3	3	3	3	3	0	1	2	3	3	2	2	1	1	0
MIDDLETON	198	195	192	186	181	176	171	169	167	165	163	161	159	157	155	153
NEW DRY CREEK	87	87	87	87	87	87	89	89	85	85	85	85	85	79	76	76
NEW YORK CANAL (B. OF C.)	2503	2508	2623	2679	2612	2634	2646	2836	2836	2847	2864	2864	2886	2741	2735	2388
PARMA	19	19	19	19	20	20	20	21	21	23	25	26	27	27	27	27
PENITENTIARY	8	9	9	9	9	11	11	11	11	11	11	7	6	6	7	6
PHYLLIS	424	454	456	478	488	490	511	490	488	490	494	488	486	462	460	432
RIDENBAUGH	585	583	583	569	569	564	557	556	556	554	556	554	542	559	548	541
RIVERSIDE	230	234	214	234	267	216	301	242	217	254	237	259	275	261	241	253
RODEL	6	6	6	7	7	8	8	9	9	9	9	9	9	9	9	0
ROSSI MILL	8	9	10	10	11	11	11	12	13	11	12	12	11	11	11	12
SEBREE (FARMERS CO-OP)	260	270	265	283	306	309	280	276	275	275	306	275	280	265	263	257
SETTLERS	192	188	189	187	189	189	191	192	192	192	193	193	194	189	186	169
SEVEN SUCKERS	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
SIEBENBERG	16	16	16	16	16	16	16	16	16	15	15	15	14	14	13	13
THURMAN MILL	39	37	38	37	39	42	39	37	38	37	37	38	40	33	37	34
UPPER CENTER POINT	13	12	12	12	12	12	12	12	11	10	10	9	8	8	7	7
WARM SPRINGS SLOUGH	7	7	8	8	8	9	9	9	9	10	10	10	11	11	12	12
TOTAL CANAL DIVERSIONS	5419	5452	5545	5668	5682	5667	5737	5847	5825	5872	5915	5899	5934	5691	5642	5215
MISCELLANEOUS																
TOTAL DIVERSIONS																5547

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1968, INCLUDING STORAGE

MAY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	3	3	2	2	2
18	19	20	20	21	22	23	23	23	23	23	23	22	22	22	22	22	21	20	18	16	15
17	17	17	17	17	17	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	19
12	13	13	14	14	14	15	15	15	15	16	16	16	16	17	17	17	16	15	14	12	10
40	40	39	39	39	39	39	38	39	39	39	39	37	39	39	39	39	38	39	36	39	39
14	14	14	14	14	14	0	0	0	19	19	19	19	19	18	17	17	16	16	15	14	13
21	19	18	20	21	18	18	19	18	16	16	18	17	14	14	13	14	14	12	9	17	19
80	51	52	52	52	52	52	52	50	51	51	51	51	52	49	49	51	51	47	45	47	47
32	32	33	34	34	35	35	36	36	36	36	36	36	36	33	30	27	24	21	17	14	11
63	69	70	68	73	76	71	69	65	68	66	66	66	70	66	67	65	66	63	64	63	64
6	6	5	5	5	5	4	4	4	4	4	3	3	3	2	2	2	2	2	2	0	0
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
125	125	124	124	123	122	122	121	121	122	123	123	124	125	124	123	122	120	118	116	114	113
254	253	253	252	251	255	246	246	246	246	246	246	246	245	245	236	236	236	236	225	226	238
3	3	3	3	2	2	2	2	2	2	2	3	3	3	4	4	4	3	3	2	2	2
17	18	16	14	12	9	7	8	9	10	10	11	11	12	13	14	15	14	13	11	9	7
15	16	17	17	18	19	19	19	19	19	19	19	19	18	17	16	16	15	15	14	14	15
39	41	43	45	46	48	50	50	50	50	50	51	51	51	51	51	51	50	48	46	44	42
6	6	6	7	7	7	7	8	8	8	7	7	6	6	5	5	5	5	6	6	6	6
28	28	28	29	29	28	29	27	14	20	18	20	20	20	21	20	20	30	17	18	11	19
32	32	33	33	34	34	35	35	36	36	37	37	38	39	37	35	33	31	32	29	28	26
14	13	12	10	9	8	7	6	5	4	4	4	4	4	4	4	4	4	3	3	3	3
4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
33	34	36	39	42	45	47	46	45	44	43	42	42	41	40	39	38	37	36	35	35	34
3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	2	2	2	1	1	1
1	2	3	3	2	2	1	1	0	0	2	2	2	2	2	2	1	2	2	3	2	2
169	167	165	163	161	159	157	155	153	151	150	149	148	146	144	143	142	142	141	141	140	144
89	85	85	85	85	85	79	76	76	76	74	74	73	74	74	74	74	74	74	69	69	74
2836	2836	2847	2864	2864	2886	2741	2735	2388	2668	2674	2662	2662	2657	2662	2679	2690	2690	2696	2707	2702	2707
21	21	23	25	26	27	27	27	27	27	27	28	28	28	28	28	28	27	26	24	22	20
11	11	11	11	7	6	6	7	6	7	7	7	8	8	6	6	5	5	9	9	9	9
490	488	490	494	488	486	462	460	432	433	425	425	419	390	352	323	317	313	308	276	219	222
556	556	554	556	554	542	559	548	541	546	544	546	551	546	549	545	545	541	541	538	541	541
242	217	254	237	259	275	261	241	253	238	262	253	267	228	246	240	231	201	251	246	204	242
9	9	9	9	9	9	9	9	0	13	13	13	13	13	12	11	10	9	7	5	4	3
12	13	11	12	12	11	11	11	12	12	12	12	12	11	12	11	12	12	9	7	10	11
276	275	275	306	275	280	265	263	257	253	263	260	255	276	248	248	241	246	246	246	239	265
192	192	192	193	193	194	189	186	169	193	190	188	185	175	179	169	170	172	167	163	165	168
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
16	16	15	15	15	14	14	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14
37	38	37	37	38	40	33	37	34	34	32	35	35	34	32	34	30	34	33	26	34	34
12	11	10	10	9	8	8	7	7	10	13	16	19	22	21	20	19	17	15	13	11	10
9	9	10	10	10	11	11	12	12	12	11	10	9	8	6	5	5	5	4	4	4	5
5847	5825	5872	5915	5899	5934	5691	5642	5215	5547	5570	5556	5562	5497	5438	5385	5360	5324	5332	5241	5128	5235

19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5	5	4	4	4	4	3	3	2	2	2	3	3	137
23	22	22	22	22	22	21	20	18	16	15	13	12	589
0	3	3	3	3	3	3	3	3	3	19	19	19	305
16	16	16	17	17	17	16	15	14	12	10	9	8	399
39	37	39	39	39	39	38	39	36	39	39	39	39	1208
19	19	19	18	17	17	16	16	15	14	13	12	10	410
18	17	14	14	13	14	14	12	9	17	19	20	18	538
51	51	52	49	49	51	51	47	45	47	47	49	45	1575
36	36	36	33	30	27	24	21	17	14	11	14	17	905
66	66	70	66	67	65	66	63	64	63	64	65	66	2126
3	3	3	2	2	2	2	2	2	0	0	0	1	119
14	14	14	14	14	14	14	14	14	14	14	14	15	435
123	124	125	124	123	122	120	118	116	114	113	112	111	3664
246	246	245	245	236	236	236	236	225	226	238	243	245	7650
3	3	3	4	4	4	3	3	2	2	2	2	2	81
11	11	12	13	14	15	14	13	11	9	7	5	4	348
19	19	18	17	16	16	15	15	14	14	15	15	15	527
51	51	51	51	51	51	50	48	46	44	42	40	38	1350
7	7	6	6	5	5	5	6	6	6	6	6	6	198
20	20	20	21	20	20	30	17	18	11	19	25	28	739
37	38	39	37	35	33	31	32	29	28	26	26	26	1006
4	4	4	4	4	4	4	3	3	3	3	3	3	221
2	2	2	2	2	2	2	2	2	2	2	3	3	89
42	42	41	40	39	38	37	36	35	35	34	33	32	1155
3	3	3	3	3	2	2	2	1	1	1	1	2	75
2	2	2	2	2	1	2	2	3	2	2	2	2	61
149	148	146	144	143	142	142	141	141	140	144	149	153	4931
74	73	74	74	74	74	74	74	69	69	74	74	83	2466
2662	2662	2657	2662	2679	2690	2690	2696	2707	2702	2707	2718	2702	83478
28	28	28	28	28	28	27	26	24	22	20	18	17	736
7	7	8	8	6	6	5	9	9	9	9	9	9	255
425	419	390	352	323	317	313	308	276	219	222	225	255	12493
546	551	546	549	545	545	541	541	538	541	541	542	542	17134
253	267	228	246	240	231	201	251	246	204	242	214	253	7511
13	13	13	13	12	11	10	7	5	4	3	3	3	252
12	12	12	11	12	11	12	9	7	10	11	11	11	340
260	255	276	248	248	241	246	246	246	239	265	289	268	8288
188	185	175	179	169	170	172	167	163	165	168	165	177	5651
4	4	4	4	4	3	3	3	3	3	3	4	4	118
13	14	14	14	14	14	14	14	14	14	14	14	14	451
32	35	35	34	32	34	34	33	26	34	34	34	34	1097
13	16	19	22	21	20	19	15	13	11	10	11	11	395
11	10	9	8	6	5	5	4	4	4	5	5	6	249
5556	5562	5497	5438	5385	5360	5324	5332	5241	5128	5235	5258	5312	171755
													682
													172437

BY DAYS DURING THE IRRIGATION SEASON

NAME OF CANAL	JUNE														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALLEN	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4
ANDREWS	13	14	15	17	18	20	21	20	19	18	17	17	17	17	17
BALLENTYNE	19	19	19	19	18	18	18	17	17	17	15	17	16	16	16
BLYTHE	9	10	10	11	11	12	13	13	14	14	15	14	14	13	13
BOISE CITY	39	40	40	39	39	39	39	39	39	38	39	39	39	39	39
EDMAN-SWISHER	8	6	5	3	2	1	4	6	8	11	14	14	14	14	14
JUBB (SOUTH BOISE MUTUAL)	19	18	19	16	15	15	15	15	15	19	13	13	13	13	15
CHILDRELL HIGH LINE	53	55	55	54	54	54	51	53	54	53	51	50	50	50	51
CAMPBELL (CANYON)	19	22	25	27	30	33	32	31	31	30	30	29	29	28	27
CANYON COUNTY	68	66	67	68	65	66	65	64	68	67	63	64	64	63	59
CONWAY-HAMMING	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2
DAVIS DITCH	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14
EUREKA #2	110	109	108	107	106	105	104	104	103	103	102	102	101	101	102
FARMERS UNION	257	259	263	263	263	263	248	248	239	237	239	232	232	232	220
BRAHAM-GILBERT	3	3	3	3	3	3	3	3	3	3	3	3	0	1	2
HAAS	5	6	7	8	10	11	12	11	10	8	6	7	8	10	12
HART-DAVIS	16	16	16	17	18	19	19	20	21	22	22	21	21	21	20
ISLAND HIGH LINE	34	31	28	24	20	16	12	21	30	39	47	46	46	45	44
LEHP	5	5	5	5	6	6	7	7	8	9	9	10	10	10	11
LITTLE PIONEER	22	28	34	28	28	28	28	28	22	28	28	29	21	28	29
LOWER CENTER POINT	26	26	26	26	26	26	25	25	24	24	23	23	22	22	24
NACE-CATLIN	2	2	2	2	3	4	5	5	6	7	8	9	10	10	10
NACE-NACE	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MCCONNEL ISLAND	34	36	38	40	42	43	45	45	44	44	44	43	42	40	38
MCNAMUS & TEATER	2	3	3	4	4	5	5	4	4	3	3	2	1	0	1
NEEVES	2	2	2	2	2	2	0	0	0	0	0	2	2	2	3
WIDDLETON	157	162	167	172	169	166	162	158	155	152	149	145	141	142	142
NEW DRY CREEK	85	85	85	85	85	85	85	85	85	66	66	66	66	66	66
NEW YORK CANAL (B. OF C.)	2696	2707	2702	2702	2718	2702	2640	2640	2634	2634	2524	2519	2529	2531	2557
PARMA	17	18	18	19	19	20	21	21	22	22	23	23	23	23	23
PENITENTIARY	9	9	9	9	8	5	6	6	6	6	5	5	5	5	5
PHYLLIS	262	293	324	352	349	351	334	289	293	291	308	333	335	320	339
RIDENBAUGH	544	544	544	546	546	544	544	543	543	542	544	543	540	540	541
RIVERSIDE	246	246	273	257	253	261	272	251	257	251	245	226	235	238	232
RODEL	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4
ROSSI MILL	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12
SEBREE (FARMERS CO-OP)	278	268	292	292	292	292	275	250	248	241	244	280	273	286	295
SETTLERS	185	185	189	190	189	188	186	179	165	164	164	163	165	164	166
SEVEN SUCKERS	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4
SIEBENBERG	14	14	15	15	15	15	14	13	12	12	11	11	10	9	9
TURNAN MILL	36	37	38	37	36	35	34	33	31	30	30	31	31	32	32
UPPER CENTER POINT	12	13	13	14	15	15	15	15	15	15	16	16	16	16	17
WARM SPRINGS SLOUGH	6	7	8	9	9	9	8	8	8	8	7	7	7	7	6
TOTAL CANAL DIVERSIONS	5354	5408	5513	5529	5533	5524	5412	5315	5297	5272	5170	5197	5190	5217	5241
MISCELLANEOUS															
TOTAL DIVERSIONS															5268

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1968, INCLUDING STORAGE

JUNE

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	20	19	18	17	17	17	17	17	17	18	18	18	18	18	18	17	17	17	16	16	16
18	17	17	17	15	17	16	16	16	16	18	21	18	18	18	18	18	20	17	18	18	17
13	13	14	14	15	14	14	13	13	12	12	11	10	9	8	8	9	9	9	10	10	10
39	39	39	38	39	39	39	39	39	39	40	40	39	39	40	40	39	39	39	39	39	39
4	6	8	11	14	14	14	14	14	13	13	13	13	13	13	13	13	12	12	12	12	11
15	15	15	19	13	13	13	13	15	15	22	16	15	15	19	19	19	16	13	13	13	15
51	53	54	53	51	50	50	50	51	51	51	52	52	52	51	51	50	50	47	52	55	54
32	31	31	30	30	29	29	28	27	26	25	24	22	21	21	21	21	21	21	21	22	23
65	64	68	67	63	64	64	63	59	63	64	67	68	69	71	68	66	66	63	63	61	59
1	1	1	1	1	1	0	1	2	2	3	3	3	3	3	4	4	4	4	4	5	5
14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	16
104	104	103	103	102	102	101	101	102	103	104	104	105	106	108	110	111	112	114	116	115	114
248	248	239	237	239	232	232	232	220	220	227	247	270	270	270	270	270	270	270	270	268	268
3	3	3	3	3	3	0	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3
12	11	10	8	6	7	8	10	12	14	16	18	19	20	21	20	19	19	18	17	16	15
19	20	21	22	22	21	21	21	20	20	20	20	20	20	21	21	21	21	20	19	18	18
12	21	30	39	47	46	46	45	44	44	43	43	42	42	41	40	39	38	38	37	36	37
7	7	8	9	9	10	10	10	11	11	12	12	12	12	12	12	12	12	12	11	10	10
28	28	22	28	28	29	21	28	29	28	28	30	29	0	0	29	29	30	30	29	30	30
25	25	24	24	23	23	22	22	24	26	28	29	31	33	33	33	33	32	32	32	35	38
5	5	6	7	8	9	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11
4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
45	45	44	44	44	43	42	40	38	37	36	34	32	31	30	30	30	30	30	30	30	30
5	4	4	3	3	2	1	0	1	2	4	6	8	10	9	8	6	5	4	3	3	3
0	0	0	0	0	2	2	2	3	2	2	2	2	2	2	2	2	2	0	0	0	2
162	158	155	152	149	145	141	142	142	143	143	144	147	150	154	158	160	164	168	171	174	177
85	85	85	66	66	66	66	66	66	67	70	87	87	87	87	87	87	81	83	83	87	87
2640	2640	2634	2634	2524	2519	2529	2551	2557	2551	2557	2557	2557	2557	2551	2562	2557	2551	2551	2662	2668	2690
21	21	22	22	23	23	23	23	23	23	22	22	22	22	22	21	20	19	18	17	16	16
6	6	6	6	5	5	5	5	5	5	5	7	5	5	10	10	10	11	10	10	10	10
334	289	293	291	308	333	335	320	339	340	370	404	412	444	490	478	460	462	459	460	456	484
544	543	543	542	544	543	540	540	541	538	539	540	538	541	540	541	544	544	542	544	545	545
272	251	257	251	245	226	235	238	232	243	237	234	237	238	235	229	257	238	240	230	234	219
5	5	5	5	4	4	4	4	4	4	4	3	3	3	3	4	4	4	5	5	5	5
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11
275	250	248	241	244	280	273	286	295	292	289	300	360	374	357	357	327	327	312	327	312	327
186	179	165	164	164	163	165	164	166	165	165	165	173	182	188	186	186	185	186	188	188	188
4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4
14	13	12	12	11	11	10	9	9	9	9	10	10	10	12	13	14	16	18	20	19	18
34	33	31	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	36	35	34	33
15	15	15	15	16	16	16	16	16	17	17	17	18	18	19	19	20	20	21	21	20	20
8	8	8	8	7	7	7	7	7	6	6	6	6	5	5	5	4	4	4	4	4	5
5412	5315	5297	5272	5170	5197	5190	5217	5241	5268	5304	5392	5489	5526	5571	5596	5568	5543	5517	5644	5639	5692

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4	4	4	4	4	4	4	4	4	4	4	4	4	4		126
18	18	18	18	18	18	17	17	17	16	16	16	16	17		517
18	21	18	18	18	18	18	20	17	18	18	17	18	18		532
12	11	10	9	8	8	9	9	9	10	10	10	10	9		332
40	40	39	39	40	40	39	39	39	39	39	39	41	39		1177
13	13	13	13	13	13	13	12	12	12	12	11	10	9		306
22	16	15	15	19	19	19	16	13	13	13	15	17	15		475
51	52	52	52	51	51	50	50	47	52	55	54	54	54		1564
25	24	22	21	21	21	21	21	21	21	22	23	24	25		761
64	67	68	69	71	68	66	66	63	63	61	59	66	66		1957
3	3	3	3	3	4	4	4	4	4	5	5	5	6		73
14	14	14	14	15	15	15	15	15	15	15	16	16	16		439
104	104	105	106	108	110	111	112	114	116	115	114	112	111		3212
227	247	270	270	270	270	270	270	270	270	268	268	237	239		7561
3	3	3	3	3	3	3	3	3	3	3	3	3	3		83
16	18	19	20	21	20	19	19	18	17	16	15	14	13		390
20	20	20	20	21	21	21	21	20	19	18	18	17	16		581
43	43	42	42	41	40	39	38	38	37	36	37	37	38		1078
12	12	12	12	12	12	12	12	12	11	10	10	9	8		280
28	30	29	0	0	29	29	30	30	29	30	30	29	30		790
28	29	31	33	33	33	33	32	32	32	35	38	41	44		868
11	11	11	11	11	11	11	11	11	11	11	11	10	10		248
4	4	4	4	5	5	5	5	5	5	5	5	5	5		129
36	34	32	31	30	30	30	30	30	30	30	30	30	29		1087
4	6	8	10	9	8	6	5	4	3	3	3	3	3		121
2	2	2	2	2	2	2	2	0	0	0	2	2	2		45
143	144	147	150	154	158	160	164	168	171	174	177	180	183		4755
70	87	87	87	87	87	87	81	83	83	87	87	87	87		2435
2557	2557	2557	2557	2551	2562	2557	2551	2551	2662	2668	2690	2786	2786		78598
22	22	22	22	22	21	20	19	18	17	16	16	16	16		604
5	5	7	5	5	10	10	10	11	10	10	10	10	10		226
370	404	412	444	490	478	460	462	459	460	456	484	490	496		11478
539	540	538	541	540	541	544	544	542	544	545	545	545	547		16281
237	234	237	238	235	229	257	238	240	230	234	219	234	251		7299
4	4	3	3	3	3	4	4	4	5	5	5	5	4		128
2	12	12	12	12	12	12	12	12	12	11	11	11	11		354
2	289	300	360	374	357	357	327	327	312	327	312	327	372	324	9063
5	165	165	173	182	188	186	186	185	186	188	188	188	187	189	5363
4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	132
9	9	10	10	10	12	13	14	16	18	20	19	18	17	16	400
3	33	34	34	35	35	36	36	37	36	35	34	33	31	29	1014
7	17	17	18	18	18	19	19	20	20	21	21	20	20	20	507
6	6	6	6	5	5	5	4	4	4	4	4	5	5	5	189
5304	5392	5489	5526	5571	5596	5568	5543	5517	5644	5639	5692	5830	5807		163558
															705
															16426

BY DAYS DURING THE IRRIGATION SEASON

[illegible]

BY DAYS DURING THE IRRIGATION SEASON OF 1968, INCLUDING STORAGE

[illegible]

BOISE VALLEY CANALS

N OF 1968, INCLUDING STORAGE

CHART NO. 5

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	110
17	18	18	19	19	19	19	18	18	18	17	17	16	15	15	14	13	528
16	14	15	14	15	15	15	14	10	9	0	9	11	11	12	11	11	424
14	14	14	15	15	15	15	15	16	16	16	16	16	16	16	16	16	405
39	39	39	39	39	39	39	38	33	33	33	33	33	33	33	33	33	1154
4	5	5	5	5	6	7	8	8	9	10	11	11	11	11	12	12	194
14	0	14	14	14	14	14	18	14	14	14	12	12	12	12	12	12	406
54	54	54	45	53	53	50	49	52	49	50	56	54	56	59	50	55	1635
31	29	28	26	27	28	30	31	32	33	35	34	33	32	32	31	30	979
70	71	67	66	65	64	64	65	63	69	66	70	67	64	66	62	64	2089
7	7	7	7	7	8	8	8	8	8	7	7	6	6	5	5	5	202
16	16	16	15	15	15	14	14	14	14	14	15	15	15	15	14	14	456
00	101	101	101	101	101	100	100	100	99	99	101	103	105	107	108	109	3173
14	214	210	210	210	210	205	205	205	196	196	195	195	195	195	195	195	6652
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	82
22	20	18	16	14	14	15	15	16	16	17	17	17	17	17	17	17	529
21	21	21	21	22	22	22	22	21	20	20	19	19	18	17	17	17	632
38	39	41	42	44	44	44	44	45	45	45	45	45	44	44	44	43	1266
12	11	11	10	10	9	8	7	6	7	8	8	9	9	10	11	11	323
30	30	30	30	30	30	30	30	30	31	36	39	40	39	38	38	38	983
13	32	30	28	29	31	33	35	37	38	39	39	39	39	40	40	40	1223
1	11	11	11	11	12	12	12	12	12	12	12	11	11	11	11	11	336
4	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	1	108
6	26	26	26	26	26	26	26	26	26	26	26	26	25	25	25	24	818
7	6	5	4	4	4	3	3	3	2	2	3	4	6	7	8	9	160
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	64
5	142	143	144	144	145	145	146	147	146	145	144	143	141	139	138	138	4831
9	74	74	74	74	74	74	63	63	63	63	63	63	63	57	57	57	2230
3	2802	2741	2690	2662	2662	2668	2668	2668	2668	2668	2679	2674	2629	2634	2629	2623	84585
3	22	22	21	21	21	22	22	23	23	24	24	23	23	22	22	21	657
7	6	8	8	8	8	8	8	9	10	8	8	6	6	6	6	10	269
416	412	387	383	389	387	385	384	387	395	393	389	402	404	402	400	400	12832
540	539	540	542	544	543	540	537	540	533	533	529	523	523	524	524	524	16728
219	225	226	225	219	223	217	207	205	211	219	225	206	216	210	205	205	6800
5	5	5	4	4	3	3	3	3	2	2	2	3	4	4	5	6	121
0	10	8	7	11	11	10	10	8	8	8	9	8	9	9	9	9	286
363	363	368	363	363	363	363	354	348	360	363	360	375	378	378	381	381	11349
152	151	153	154	155	156	159	158	156	155	151	139	138	137	142	144	144	4733
4	4	5	5	5	6	6	6	6	5	5	5	4	4	4	4	4	131
11	11	11	11	11	10	10	10	9	9	9	9	10	10	10	11	11	335
34	31	34	33	32	32	33	32	32	32	30	30	29	30	29	29	29	992
18	19	19	19	19	18	18	18	17	17	17	17	17	18	18	18	18	557
17	17	17	17	18	18	18	18	18	17	17	16	16	15	15	15	15	397

5616 5566 5486 5458 5471 5472 5458 5428 5414 5426 5460 5433 5384 5404 5383 5384 172764
745
173509

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

NAME OF CANAL	AUGUST														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	4	4	4	4	4	4	4	4	4	3	3	3	3	2	2
ANDREWS	12	11	11	11	11	12	12	12	12	14	17	20	22	25	27
BALLENTYNE	10	10	10	10	13	10	13	12	13	13	13	11	10	10	8
BAXTER	16	16	15	14	13	13	12	12	11	11	12	12	13	13	14
BOISE CITY	33	36	35	35	36	35	35	35	36	35	25	32	0	0	0
BOWMAN-SWISHER	12	12	13	13	13	13	14	14	14	14	15	15	16	16	17
BUBB (SOUTH BOISE MUTUAL)	12	12	13	12	13	12	12	12	12	12	12	12	12	12	5
CALDWELL HIGH LINE	48	50	47	45	45	45	44	45	43	44	44	43	43	43	59
CAMPBELL (CANYON)	29	29	28	28	27	27	26	26	23	20	18	15	13	11	9
CANYON COUNTY	63	63	63	63	62	67	68	65	67	72	66	66	65	67	72
CONWAY-HAMMING	4	4	4	3	3	3	3	4	4	5	5	6	6	6	6
DAVIS DITCH	13	13	13	12	12	13	13	14	15	15	16	16	15	14	13
EUREKA #2	110	110	110	110	110	110	110	110	112	115	118	121	123	125	127
FARMERS UNION	195	195	195	195	195	195	194	193	192	191	189	190	188	188	0
GRAHAM-GILBERT	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1
HAAS	17	17	16	16	15	14	14	13	13	13	13	13	14	14	14
HART-DAVIS	17	17	17	17	17	17	17	17	18	18	18	18	17	16	15
ISLAND HIGH LINE	43	43	43	43	43	44	44	44	44	44	43	43	42	42	41
LEMP	12	13	13	14	15	15	15	15	15	15	15	15	15	15	0
LITTLE PIONEER	34	35	36	34	34	36	0	0	36	36	34	36	38	36	36
LOWER CENTER POINT	40	39	38	37	36	35	34	33	33	33	35	35	35	36	36
MACE-CATLIN	11	11	10	10	10	10	10	10	9	9	9	8	8	8	8
MACE-MACE	1	0	0	0	0	2	2	2	2	2	2	2	2	2	2
MCCONNEL ISLAND	24	24	23	23	22	22	22	21	21	21	21	21	21	21	21
McMANUS & TEATER	10	10	10	9	9	9	8	8	0	0	0	0	0	0	0
MEEVES	2	2	2	2	2	2	1	1	1	2	2	2	2	2	0
MIDDLETON	137	136	136	135	135	134	134	134	134	135	135	135	135	131	127
NEW DRY CREEK	66	76	74	74	71	74	74	71	71	71	71	66	71	71	54
NEW YORK CANAL (B. OF C.)	2629	2623	2551	2557	2557	2567	2557	2557	2640	2623	2640	2634	2568	2557	2235
PARMA	20	20	20	20	20	21	21	21	21	21	22	22	23	23	24
PENITENTIARY	10	9	9	6	6	6	6	6	6	9	9	10	9	9	6
PHYLLIS	379	377	354	356	356	356	358	364	366	362	366	346	328	331	297
RIDENBAUGH	527	519	524	521	525	520	521	521	522	519	519	524	499	501	420
RIVERSIDE	223	202	209	209	222	204	199	210	206	214	225	220	217	231	209
RODEL	7	6	6	5	5	5	4	4	4	3	3	2	2	1	1
ROSSI MILL	10	10	11	11	10	11	13	12	11	10	10	10	10	10	10
SEBREE (FARMERS CO-OP)	349	375	375	375	351	354	372	378	372	369	369	369	366	366	331
SETTLERS	143	143	144	145	145	144	141	140	141	142	141	140	139	138	122
SEVEN SUCKERS	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4
SIEBENBERG	11	11	11	11	11	11	11	11	11	11	11	10	10	10	9
THURMAN MILL	29	29	28	28	28	28	28	28	28	28	28	27	26	25	23
UPPER CENTER POINT	18	18	18	18	17	17	17	17	16	16	15	14	14	13	12
WARM SPRINGS SLOUGH	14	14	14	13	13	13	12	12	11	10	10	9	9	8	7
TOTAL CANAL DIVERSIONS	5351	5350	5258	5249	5237	5235	5200	5213	5316	5306	5325	5300	5156	5155	4429
MISCELLANEOUS															3995
TOTAL DIVERSIONS															

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1968, INCLUDING STORAGE

AUGUST

	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
4	4	3	3	3	3	3	2	2	2	2	1	1	1	1	0	0	0	0	0	0	1	2
12	12	14	17	20	22	25	27	29	30	30	31	31	32	32	33	31	29	27	25	24	22	
12	13	13	13	11	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
12	11	11	12	12	13	13	14	14	14	14	14	14	14	14	14	13	12	10	9	8	7	
35	36	35	25	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	
14	14	14	15	15	16	16	17	17	15	13	10	8	6	3	0	0	1	2	3	4	5	
12	12	12	12	12	12	12	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	
45	43	44	44	43	43	43	59	42	34	37	37	37	37	37	37	37	0	0	0	0	0	
26	23	20	18	15	13	11	9	8	6	4	3	2	1	0	0	0	0	0	0	0	0	
65	67	72	66	66	65	67	72	65	47	54	55	53	58	47	44	43	42	47	47	43	47	
3	4	5	5	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	1	1	
3	14	15	16	16	15	14	13	12	11	10	9	8	7	7	7	8	8	8	9	9	10	
0	110	112	115	118	121	123	125	127	116	105	94	83	72	61	50	49	47	46	45	44	42	
4	193	192	191	189	190	188	188	0	0	0	0	0	0	39	39	39	39	39	39	76	128	
2	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	
4	13	13	13	13	13	14	14	14	14	12	10	8	6	4	2	0	1	3	4	5	6	
7	17	18	18	18	18	17	16	15	14	13	12	11	10	9	8	6	4	2	0	2	4	
4	44	44	44	43	43	42	42	41	41	36	30	24	18	12	6	0	0	0	0	0	0	
5	15	15	15	15	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	1	2	
0	0	36	36	34	36	38	36	36	19	19	0	0	0	0	0	0	0	0	0	14	28	
4	33	33	33	35	35	35	36	36	30	25	20	15	10	5	0	2	4	6	8	10	12	
0	10	9	9	9	8	8	8	8	8	8	8	0	0	0	0	0	0	0	0	1	2	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	
2	21	21	21	21	21	21	21	21	21	20	19	18	16	15	13	11	12	14	15	17	20	
8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	1	1	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
4	134	134	135	135	135	135	131	127	123	118	114	110	106	102	100	97	95	93	91	89	109	
4	71	71	71	71	66	71	71	54	54	54	54	54	47	45	47	47	47	47	47	47	47	
7	2557	2640	2623	2640	2634	2568	2557	2235	2036	2036	1839	1839	1858	200	200	200	400	600	600	770	1275	
1	21	21	21	22	22	23	23	24	24	20	17	15	13	11	9	7	7	6	6	5	5	
6	6	6	9	9	10	9	9	6	6	6	1	0	0	0	0	0	0	0	0	0	0	
8	364	366	362	366	346	328	331	297	232	237	196	158	103	102	103	39	39	40	40	31	32	
1	521	522	519	519	524	499	501	420	383	383	383	279	240	241	253	247	246	244	285	325	315	
9	210	206	214	225	220	217	231	209	159	156	162	157	170	166	163	156	148	145	140	145	140	
4	4	4	3	3	2	2	1	1	1	1	1	0	0	0	0	0	1	1	2	2	3	
3	12	11	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	4	4	0	
72	378	372	369	369	369	366	366	331	330	273	205	88	64	64	78	85	92	99	107	114	122	
11	140	141	142	141	140	139	138	122	108	116	105	93	74	77	72	74	73	72	73	73	75	
3	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	
1	11	11	11	11	10	10	10	10	9	8	7	5	3	1	0	0	0	0	0	0	0	
28	28	28	28	28	28	27	26	25	23	21	19	17	16	15	14	13	12	11	10	12	14	
17	17	16	16	15	14	14	13	13	12	10	8	6	4	2	0	2	4	5	6	8	10	
12	12	11	10	10	9	9	8	8	7	7	6	6	5	5	4	4	3	3	2	2	2	
00	5213	5316	5306	5325	5300	5156	5155	4429	3995	3862	3492	3165	3002	1345	1314	1225	1418	1579	1629	1886	2479	

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
2	1	1	1	1	0	0	0	0	0	0	1	2	2	3	68
30	30	31	31	32	32	33	31	29	27	25	24	22	20	21	676
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	294
14	14	14	14	14	14	14	13	12	10	9	8	7	6	7	381
0	0	0	0	0	0	0	0	0	0	0	0	32	24	23	487
15	13	10	8	6	3	0	0	1	2	3	4	5	6	5	309
5	5	5	0	0	0	0	0	0	0	0	0	0	12	12	219
34	37	37	37	37	37	37	37	0	0	0	0	0	38	42	1103
6	4	3	2	1	0	0	0	0	0	0	0	0	5	10	368
47	54	55	53	58	47	44	43	42	47	47	43	47	47	49	1777
0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	77
11	10	9	8	7	7	7	8	8	8	9	9	10	10	11	351
105	94	83	72	61	50	49	47	46	45	44	42	40	41	43	2699
0	0	0	0	39	39	39	39	39	39	76	128	131	144	147	3555
1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	37
12	10	8	6	4	2	0	1	3	4	5	6	7	8	8	314
13	12	11	10	9	8	6	4	2	0	2	4	6	8	9	374
36	30	24	18	12	6	0	0	0	0	0	0	0	0	5	818
0	0	0	0	0	0	0	0	0	0	0	1	2	3	5	213
19	0	0	0	0	0	0	0	0	0	0	14	28	30	32	603
25	20	15	10	5	0	2	4	6	8	10	12	13	14	14	723
8	8	0	0	0	0	0	0	0	0	0	1	2	2	3	173
2	2	2	2	2	2	1	1	0	0	0	0	0	0	1	38
20	19	18	16	15	13	11	12	14	15	17	19	20	22	22	602
0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	76
0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	31
118	114	110	106	102	100	97	95	93	91	89	109	109	108	108	3685
54	54	54	47	45	47	47	47	47	47	47	47	47	47	47	1833
2036	1839	1839	1858	200	200	200	400	600	600	770	1275	1377	1492	1626	56843
20	17	15	13	11	9	7	7	6	6	6	5	5	5	7	482
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	129
237	196	158	103	102	103	39	39	40	40	31	32	96	123	135	7002
383	383	279	240	241	253	247	246	244	285	325	315	313	326	348	12493
156	162	157	170	166	163	156	148	145	140	145	140	177	170	160	5714
1	1	0	0	0	0	0	1	1	2	2	3	3	3	3	79
0	0	0	0	0	0	0	0	0	4	4	0	0	8	8	193
273	205	88	64	64	78	85	92	99	107	114	122	129	129	129	7579
116	105	93	74	77	72	74	73	72	73	73	75	79	88	97	3457
3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	101
8	7	5	3	1	0	0	0	0	0	0	0	0	0	2	196
21	19	17	16	15	14	13	12	11	10	12	14	16	18	20	667
10	8	6	4	2	0	2	4	5	6	8	10	12	12	12	354
7	6	6	5	5	4	4	3	3	2	2	2	3	3	4	236
3862	3492	3165	3002	1345	1314	1225	1418	1579	1629	1886	2479	2755	2990	3193	117409
															488
															117897

DISCHARGE IN SECOND FEET OF
BY DAYS DURING THE IRRIGATION SEASON

NAME OF CANAL	SEPTEMBER													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
AIKEN	3	4	4	5	5	5	5	5	5	4	4	4	4	4
ANDREWS	22	24	26	27	28	29	29	30	30	31	31	32	32	30
BALLENTYNE	8	8	10	0	0	0	0	8	14	10	10	10	10	10
BAXTER	8	8	9	9	10	11	11	12	12	13	13	14	14	14
BOISE CITY	23	23	23	25	29	29	30	25	26	25	25	24	22	20
BOWMAN-SWISHER	4	4	3	3	2	2	4	6	7	8	9	10	11	10
BUBB (SOUTH BOISE MUTUAL)	11	11	12	11	11	11	11	11	11	11	11	11	11	11
CALDWELL HIGH LINE	37	37	42	44	40	49	45	46	45	40	46	46	45	45
CAMPBELL (CANYON)	15	20	25	29	29	28	28	28	27	27	26	26	25	24
CANYON COUNTY	46	44	48	55	61	61	61	64	68	69	65	61	61	60
CONWAY-HAMMING	2	2	3	3	3	3	3	4	4	4	4	4	4	3
DAVIS DITCH	11	12	12	12	12	12	13	13	13	13	13	13	13	13
EUREKA #2	44	46	47	49	50	51	53	54	55	56	58	60	65	71
FARMERS UNION	150	154	176	168	169	169	170	167	168	168	172	172	172	172
GRAHAM-GILBERT	1	2	2	2	2	2	2	2	2	1	1	1	1	1
HAAS	9	9	10	10	11	11	10	9	9	8	7	6	6	7
HART-DAVIS	10	11	12	13	13	14	14	15	15	15	14	14	14	13
ISLAND HIGH LINE	10	15	20	24	28	33	34	35	36	38	39	41	42	41
LEMP	6	8	9	10	12	12	12	11	11	11	11	11	11	11
LITTLE PIONEER	30	39	39	35	38	38	38	20	20	20	20	20	20	20
LOWER CENTER POINT	15	16	16	17	18	20	22	25	27	30	32	34	33	32
MACE-CATLIN	3	4	4	5	5	5	5	5	5	5	5	5	5	5
MACE-MACE	1	2	2	3	3	4	4	5	5	5	5	5	5	5
MCCONNELL ISLAND	22	22	22	22	22	22	22	23	23	24	24	25	25	25
MCMANUS & TEATER	3	4	4	5	5	5	5	5	4	4	4	4	3	2
MEEVES	0	0	0	0	0	0	3	3	4	4	3	3	4	4
MIDDLETON	108	107	107	107	107	107	107	107	107	107	107	106	106	106
NEW DRY CREEK	54	54	50	54	50	50	50	50	52	50	50	50	50	50
NEW YORK CANAL (R. OF C.)	1824	1829	2011	2031	2125	2080	2090	2080	2080	2080	2075	1983	2031	1987
PARMA	9	10	11	13	15	16	16	17	17	18	18	19	19	19
PENITENTIARY	0	0	0	0	0	2	2	2	2	8	8	4	7	8
PHYLLIS	163	187	214	219	250	297	295	297	295	266	267	254	239	234
RIDENBAUGH	349	389	398	425	425	426	425	427	428	425	425	423	427	423
RIVERSIDE	156	178	184	182	184	179	164	196	120	120	120	184	124	193
RODEL	3	4	4	4	4	4	4	4	4	4	4	4	4	4
ROSSI MILL	8	8	8	8	8	9	10	10	10	9	9	8	7	6
SEBREE (FARMERS CO-OP)	18	18	309	315	309	309	309	309	312	297	270	279	260	260
SETTLERS	101	101	113	115	115	121	131	124	125	124	127	126	115	113
SEVEN SUCKERS	2	2	2	2	2	2	3	3	3	3	3	3	3	3
SIEBENBERG	4	6	8	10	10	10	10	10	10	10	10	9	9	8
THURMAN MILL	21	22	23	24	25	26	27	28	29	29	29	28	28	28
UPPER CENTER POINT	12	11	11	11	11	12	13	14	14	15	16	17	17	17
WARM SPRINGS SLOUGH	5	6	7	8	9	8	8	7	7	6	6	5	4	4
TOTAL CANAL DIVERSIONS	3331	3461	4040	4114	4255	4284	4298	4316	4261	4215	4196	4160	4108	4117
MISCELLANEOUS														
TOTAL DIVERSIONS														

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1968, INCLUDING STORAGE

SEPTEMBER

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
5	5	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1
30	30	31	31	32	32	30	28	26	23	21	19	17	16	16	15	15	14	14	13	12	12	11
8	14	10	10	10	10	10	10	10	10	10	9	9	10	9	9	9	8	8	8	8	8	9
12	12	13	13	14	14	14	14	14	15	15	15	15	15	15	14	14	14	13	13	12	12	11
25	26	25	25	24	22	20	20	20	20	0	20	20	0	0	14	14	20	21	21	21	21	22
6	7	8	9	10	11	10	9	8	6	4	2	1	2	3	5	6	7	8	9	10	10	12
11	11	11	11	11	11	11	11	11	11	11	11	11	4	9	7	8	8	8	8	7	7	7
46	45	40	46	46	45	45	45	45	42	42	44	45	45	45	44	43	44	43	43	43	43	43
28	27	27	26	26	25	24	23	23	22	21	20	20	20	21	21	21	22	22	22	22	23	23
64	68	69	65	61	61	60	59	60	52	51	51	49	42	44	43	42	40	40	40	37	37	37
4	4	4	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3
13	13	13	13	13	13	13	13	13	12	10	8	6	4	2	0	1	2	3	5	7	9	11
54	55	56	58	60	65	71	77	83	88	93	99	99	98	98	98	97	97	97	96	96	96	95
167	168	168	172	172	172	172	172	173	172	172	170	165	155	111	109	111	115	115	115	114	114	114
2	2	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	0	0
9	9	8	7	6	6	7	8	9	9	10	11	12	13	13	14	14	15	16	16	15	14	13
15	15	15	14	14	14	13	13	13	13	14	14	15	15	16	16	16	16	15	15	15	14	14
35	36	38	39	41	42	41	40	38	36	34	32	31	31	30	30	29	29	28	28	29	30	31
11	11	11	11	11	11	11	11	11	11	11	10	10	10	9	9	9	9	9	9	8	8	8
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0	0	17	17	19	19	19	19
25	27	30	32	34	33	32	31	30	28	26	25	25	25	25	25	25	25	25	25	24	24	24
5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	3	3	3	2
5	5	5	5	5	5	5	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	23	24	24	25	25	25	25	26	26	26	27	27	26	25	24	22	20	19	18	18	18	18
5	4	4	4	4	3	2	2	1	1	0	0	1	1	1	2	2	3	3	4	4	5	5
3	4	4	3	3	4	4	3	3	3	3	0	0	0	0	0	0	0	0	2	2	2	2
107	107	107	107	106	106	106	105	105	105	102	99	96	94	91	89	86	87	88	89	90	91	92
50	52	50	50	50	50	50	50	54	50	50	47	47	47	47	45	47	47	47	47	47	47	49
2080	2080	2080	2075	1983	2031	1987	1987	1987	1935	1872	1882	1887	1829	1834	1829	1727	1722	1718	1731	1731	1731	1731
17	17	18	18	19	19	19	19	19	18	18	18	18	17	16	15	15	14	13	12	12	12	12
2	2	8	8	4	7	8	8	9	9	9	9	9	9	7	7	8	7	2	2	2	2	2
297	295	266	267	254	239	234	237	237	238	230	239	243	228	205	169	167	169	169	174	167	172	172
427	428	425	425	423	427	423	420	419	422	425	419	411	390	365	352	339	338	340	340	340	345	354
196	120	120	120	184	124	193	118	117	115	114	180	117	188	102	117	165	162	190	117	169	169	167
4	4	4	4	4	4	4	4	5	5	5	5	6	7	8	9	10	12	13	11	10	8	7
10	10	9	9	8	7	6	6	7	8	9	8	8	7	5	4	3	3	3	3	4	4	4
309	312	297	270	279	260	260	260	260	260	237	258	237	237	234	232	232	232	242	232	232	232	232
124	125	124	127	126	115	113	98	99	99	99	99	99	96	94	85	86	86	83	84	84	89	89
3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
10	10	10	10	10	9	9	8	8	7	6	5	5	5	5	5	5	5	5	5	4	4	3
28	29	29	29	29	28	28	28	28	26	25	24	22	20	18	16	16	16	15	15	15	14	14
14	14	15	16	17	17	17	17	16	16	16	16	16	15	15	14	14	13	13	12	12	11	11
7	7	6	6	5	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2
4316	4261	4215	4196	4160	4108	4117	4024	4031	3954	3832	3935	3838	3756	3574	3501	3433	3453	3480	3417	3456	3470	3480

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1968, INCLUDING STORAGE

SEPTEMBER

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
5	5	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1
30	30	31	31	32	32	30	28	26	23	21	19	17	16	16	15	15	14	14	13	12	12	11
8	14	10	10	10	10	10	10	10	10	10	9	9	10	9	9	9	8	8	8	8	8	9
12	12	13	13	14	14	14	14	14	15	15	15	15	15	15	14	14	14	13	13	12	12	11
25	26	25	25	24	22	20	20	20	20	0	20	20	0	0	14	14	20	21	21	21	21	22
6	7	8	9	10	11	10	9	8	6	4	2	1	2	3	5	6	7	8	9	10	10	12
11	11	11	11	11	11	11	11	11	11	11	11	11	4	9	7	8	8	8	8	7	7	7
46	45	40	46	46	45	45	45	45	42	42	44	45	45	45	44	43	44	43	43	43	43	43
28	27	27	26	26	25	24	23	23	22	21	20	20	20	21	21	21	22	22	22	22	23	23
64	68	69	65	61	61	60	59	60	52	51	51	49	42	44	43	42	40	40	40	37	37	37
4	4	4	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3
13	13	13	13	13	13	13	13	13	12	10	8	6	4	2	0	1	2	3	5	7	9	11
54	55	56	58	60	65	71	77	83	88	93	99	99	98	98	98	97	97	97	96	96	96	95
167	168	168	172	172	172	172	172	173	172	172	170	165	155	111	109	111	115	115	115	114	114	114
2	2	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	0	0
9	9	8	7	6	6	7	8	9	9	10	11	12	13	13	14	14	15	16	16	15	14	13
15	15	15	14	14	14	13	13	13	13	14	14	15	15	16	16	16	16	15	15	15	14	14
35	36	38	39	41	42	41	40	38	36	34	32	31	31	30	30	29	29	28	28	29	30	31
11	11	11	11	11	11	11	11	11	11	11	10	10	10	9	9	9	9	9	9	8	8	8
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0	0	17	17	19	19	19	19
25	27	30	32	34	33	32	31	30	28	26	25	25	25	25	25	25	25	25	25	24	24	24
5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	3	3	3	2
5	5	5	5	5	5	5	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	23	24	24	25	25	25	25	26	26	26	27	27	26	25	24	22	20	19	18	18	18	18
5	4	4	4	4	3	2	2	1	1	0	0	1	1	1	2	2	3	3	4	4	5	5
3	4	4	3	3	4	4	3	3	3	3	0	0	0	0	0	0	0	0	2	2	2	2
107	107	107	107	106	106	106	105	105	105	102	99	96	94	91	89	86	87	88	89	90	91	92
50	52	50	50	50	50	50	50	54	50	50	47	47	47	47	45	47	47	47	47	47	47	49
2080	2080	2080	2075	1983	2031	1987	1987	1987	1935	1872	1882	1887	1829	1834	1829	1727	1722	1718	1731	1731	1731	1731
17	17	18	18	19	19	19	19	19	18	18	18	18	17	16	15	15	14	13	12	12	12	12
2	2	8	8	4	7	8	8	9	9	9	9	9	9	7	7	8	7	2	2	2	2	2
297	295	266	267	254	239	234	237	237	238	230	239	243	228	205	169	167	169	169	174	167	172	172
427	428	425	425	423	427	423	420	419	422	425	419	411	390	365	352	339	338	340	340	340	345	354
196	120	120	120	184	124	193	118	117	115	114	180	117	188	102	117	165	162	190	117	169	169	167
4	4	4	4	4	4	4	4	5	5	5	5	6	7	8	9	10	12	13	11	10	8	7
10	10	9	9	8	7	6	6	7	8	9	8	8	7	5	4	3	3	3	3	4	4	4
309	312	297	270	279	260	260	260	260	260	237	258	237	237	234	232	232	232	242	232	232	232	232
124	125	124	127	126	115	113	98	99	99	99	99	99	96	94	85	86	86	83	84	84	89	89
3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
10	10	10	10	10	9	9	8	8	7	6	5	5	5	5	5	5	5	5	5	4	4	3
28	29	29	29	29	28	28	28	28	26	25	24	22	20	18	16	16	16	15	15	15	14	14
14	14	15	16	17	17	17	17	16	16	16	16	16	15	15	14	14	13	13	12	12	11	11
7	7	6	6	5	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2
4316	4261	4215	4196	4160	4108	4117	4024	4031	3954	3832	3935	3838	3756	3574	3501	3433	3453	3480	3417	3456	3470	3480

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1		97
28	26	23	21	19	17	16	16	15	15	14	14	13	12	12	11		673
10	10	10	10	9	9	10	9	9	9	8	8	8	8	8	9		242
14	14	15	15	15	15	15	15	14	14	14	13	13	12	12	11		379
20	20	20	0	20	20	0	0	14	14	20	21	21	21	21	22		603
9	8	6	4	2	1	2	3	5	6	7	8	9	10	10	12		185
11	11	11	11	11	11	4	9	7	8	8	8	8	7	7	7		294
45	45	42	42	44	45	45	45	44	43	44	43	43	43	43	43		1306
23	23	22	21	20	20	20	21	21	21	22	22	22	22	23	23		703
59	60	52	51	51	49	42	44	43	42	40	40	40	37	37	37		1548
3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3		87
13	13	12	10	8	6	4	2	0	1	2	3	5	7	9	11		281
77	83	88	93	99	99	98	98	98	97	97	97	96	96	96	95		2266
172	173	172	172	170	165	155	111	109	111	115	115	115	114	114	114		4544
1	1	1	1	0	1	0	1	0	1	1	1	1	1	0	0		33
8	9	9	10	11	12	13	13	14	14	15	16	16	15	14	13		324
13	13	13	14	14	15	15	16	16	16	16	15	15	15	14	14		421
40	38	36	34	32	31	31	30	30	29	29	28	28	29	30	31		942
11	11	11	11	10	10	10	9	9	9	9	9	9	8	8	8		298
20	20	20	20	20	20	20	20	0	0	17	17	19	19	19	19		667
31	30	28	26	25	25	25	25	25	25	25	25	25	24	24	24		749
5	5	5	5	5	5	4	4	4	4	4	4	3	3	3	2		131
5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2		92
25	26	26	26	27	27	26	25	24	22	20	19	18	18	18	18		688
2	1	1	0	0	1	1	1	2	2	3	3	4	4	5	5		92
3	3	3	3	0	0	0	0	0	0	0	0	2	2	2	2		48
105	105	105	102	99	96	94	91	89	86	87	88	89	90	91	92		3005
50	54	50	50	47	47	47	47	45	47	47	47	47	47	47	49		1482
1987	1987	1935	1872	1882	1887	1829	1834	1829	1727	1722	1718	1731	1731	1731	1731		57439
19	19	18	18	18	18	17	16	15	15	14	13	12	12	12	12		465
8	9	9	9	9	9	9	7	7	8	7	2	2	2	2	2		144
237	237	238	230	239	243	228	205	169	167	169	169	174	167	172	172		6693
420	419	422	425	419	411	390	365	352	339	338	340	340	340	345	354		11834
118	117	115	114	180	117	188	102	117	165	162	190	117	169	169	167		4591
4	5	5	5	5	6	7	8	9	10	12	13	11	10	8	7		180
6	7	8	9	8	8	7	5	4	3	3	3	3	4	4	4		204
260	260	260	237	258	237	237	234	232	232	232	242	232	232	232	232		7423
98	99	99	99	99	99	96	94	85	86	86	83	84	84	89	89		3120
3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2		73
8	8	7	6	5	5	5	5	5	5	5	5	5	4	4	3		211
28	28	26	25	24	22	20	18	16	16	16	15	15	15	14	14		680
17	16	16	16	16	16	15	15	14	14	13	13	12	12	11	11		418
4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2		135
424	4031	3954	3832	3935	3838	3756	3574	3501	3433	3453	3480	3417	3456	3470	3480		115790
																	547
																	116337

BY DAYS DURING THE IRRIGATION SEASON OF 1

OCTOBER

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AIKEN	1	1	1	1											
ANDREWS	11	10	10	11	12	12	13	14	14	15	16	16	17	18	19
BALLENTYNE	9	10	10	8	6	8	10	6	8	11	11	12	10	10	9
BAXTER	11	10	10	10	10	10	10	10	10	10	10	10	10	10	
BOISE CITY	20	25	10	10	10	10	10	10	10	10	10				
BUNMAN-SWISHER	12	13	13	13	13	13	13	13	13	13	13	13	13	13	
BUBB (SOUTH BOISE MUTUAL)	7	7	3	3											
CALDWELL HIGH LINE	43	42	43	43	44	43	43	43	43	43					
CAMPBELL (CANYON)	23	23	23	23	23	23	23	23	22	22	21	20	20	19	18
CANYON COUNTY	39	41	42	45	45	44	44	45	45	40	45	44			
CONWAY-HAMMING	3	3	3	3											
DAVIS DITCH	11	11	11	10	10	10	10	10	10	10	10	10	10	10	
EUREKA #2	95	95	96	97	98	99	100	100	100	100	100	100	100	100	
FARMERS UNION	114	114	119	119	119	119	119	119	119	119	119				
GRAHAM-GILBERT															
HAS	11	10	9	9	9	9	9	9	9	9	9	9	9	9	
HURT-DAVIS	14	14	14	14	5	5	5	5	5	5	5	5	5	5	5
ISLAND HIGH LINE	32	33	34	34	34	34	35	35	35	35	36	36	36	36	37
LEMP	8	8	8	8											
LITTLE PIONEER	19	19	19	19	19	19	14	14	14	14	14	14	14	14	
LOWER CENTER POINT	23	23	23	24	24	25	25	25	25	25	25	26	26	26	26
MACE-CATLIN	2	2	2	2											
MACE-MACE	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
MCCONNEL ISLAND	18	18	18	17	16	15	14	13	12	11	10	9	8	7	6
MCMAHUS & TEATER	6	6	6	6	5	5	5	5	5	5	5	5	5	5	
MEEVES	2	2	2	3	3	3	3	3	3	3	3	3	3	3	
MIDDLETON	93	97	101	105	110	114	118	114	110	106	101	97	92	88	83
NEW DRY CREEK	43	43	43	43	43	43	38	43	43	43	43	43	43	43	43
NEW YORK CANAL (B. OF C.)	1722	1731	1727	1731	1731	1731	1731	1508	1504	1500	1308	1308	1305	1308	174
PARMA	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14
PENITENTIARY	2	2	2	2	2	3	3	3	3	3	4	1	2	2	
PHYLLIS	172	172	172												
RIDENBAUGH	356	366	369	365											
RIVERSIDE	157	157	156	155	154	153	152	152	152	151	151	151	150	150	149
RODEL	5	4	4	4	4	4	4	4	4	4	4	3	3	3	3
ROSSI MILL	4	4	4	4	3	3	3	3	3						
SEBREE (FARMERS CO-OP)	237	234	237	234	190	190	170	170	170	186	186	186	186	190	
SETTLERS	89	90	89	90	91	88	90	89	84	80	81	81	81	81	73
SEVEN SUCKERS	2	2	2	2											
STEBENBERG	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
THURMAN MILL	13	12	11	11	10	9	9	9	9	9	9	9	9	9	10
UPPER CENTER POINT	10	10	10	10	11	11	11	11	11	11	11	11	10	10	10
WARM SPRINGS SLOUGH	2	2	2	2											
TOTAL CANAL DIVERSIONS	3459	3484	3476	3308	2872	2873	2852	2626	2614	2612	2378	2240	2185	2187	670
MISCELLANEOUS															387
TOTAL DIVERSIONS															

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1968, INCLUDING STORAGE

OCTOBER

	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
3	14	14	15	16	16	17	18	19	20	21	21	21	21	22	22	22	22	22	23	23	23	23
0	6	8	11	11	12	10	10	9														
0	10	10	10	10	10	10	10															
0	10	10	10	10																		
3	13	13	13	13	13	13	13															
13	43	43	43																			
23	23	22	22	21	20	20	19	18	18	18	18	18	18									
44	45	45	40	45	44																	
10	10	10	10	10	10	10	10															
00	100	100	100	100	100	100	100															
19	119	119	119	119																		
9	9	9	9	9	9	9	9															
5	5	5	5	5	5	5	5	5	5	4	4	4	4	3	3	3	3	2	2	2	2	2
35	35	35	35	36	36	36	36	37	37	37	37	37	37	37	36	36	36	36	35	35	35	35
14	14	14	14	14	14	14	14															
25	25	25	25	25	26	26	26	26	26	26	26	26	26									
2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
14	13	12	11	10	9	8	7	6	5	4	5	6	6	7	8	9	9	10	10	11	11	12
5	5	5	5	5	5	5	5															
3	3	3	3	3	3	3	3															
118	114	110	106	101	97	92	88	83	79													
38	43	43	43	43	43	43	43	43	20	20	20	20	20	20	27	27	27	27	27	27	27	27
1731	1508	1504	1500	1308	1308	1305	1308	174														
13	13	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	16	16	16	16	16	16
3	3	3	3	4	1	2	2															
152	152	152	151	151	151	150	150	149	149	149	149	149	149									
4	4	4	4	4	3	3	3	3	3	3	3	3	3									
3	3	3																				
170	170	170	186	186	186	186	190															
90	89	84	80	81	81	81	81	73														
3	3	3	3	3	3	3	3															
9	9	9	9	9	9	9	9															
11	11	11	11	11	11	10	10	10	10	10	10	10	10									
2852	2626	2614	2612	2378	2240	2185	2187	670	387	307	308	310	310	105	112	114	115	115	115	116	116	117

INCLUDING STORAGE

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																4
20	21	21	21	21	22	22	22	22	22	23	23	23	23	23	23	560
																138
																141
																135
																181
																20
																430
18	18	18	18	18												416
																519
																12
																143
																1380
																1299
																0
																129
5	4	4	4	4	3	3	3	3	2	2	2	2	2	2	2	158
37	37	37	37	37	37	36	36	36	36	35	35	35	35	35	35	1098
																32
																226
26	26	26	26	26												501
																8
1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	50
5	4	5	6	6	7	8	9	9	10	10	11	11	12	12	12	329
																74
79																39
20	20	20	20	20	20	27	27	27	27	27	27	27	27	27	27	1608
																1030
																22019
14	14	14	15	15	15	15	15	16	16	16	16	16	16	16	16	447
																34
																516
																1456
																3035
																72
149	149	149	149	149												31
3	3	3	3	3												2766
																1277
																8
																42
																138
10	10	10	10	10												208
																8
387	307	308	310	310	105	112	114	115	115	115	116	116	117	117	117	4271
																181
																4280

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1968

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
1 ALKEN	128	274	252	220	136	194	8	1212
3 ANDREWS	956	1178	1034	1056	1352	1346	1120	8042
1 BALLENTYNE	648	610	1064	848	588	484	276	4518
3 BAXTER	386	798	664	810	762	758	282	4460
1 BOISE CITY	902	2416	2354	2308	974	1206	270	10430
3 BOWMAN-SWISHER	304	820	612	388	618	370	362	3474
1 BUDD	548	1076	950	812	438	588	40	4452
1 CALDWELL HIGH LINE	2082	3150	3128	3270	2206	2612	860	17308
2 CAMPBELL	1272	1810	1522	1958	736	1406	832	9536
1 CANYON COUNTY	2396	4252	3914	4178	3554	3096	1038	22428
1 CONWAY-HAMMING	98	298	146	404	154	174	24	1238
1 DAVIS	470	870	878	912	702	562	286	4680
2 EUREKA #2	3480	7328	6424	6346	5398	4532	2760	36268
1 FARMERS UNION	8060	15300	15122	13304	7110	9088	2598	70582
1 GRAHAM-GILBERT	16	162	166	164	74	66	0	648
3 HAAS	226	696	780	1038	628	648	258	4294
1 HART-DAVIS	390	1054	1162	1264	748	842	316	5776
3 ISLAND HIGH LINE	810	2700	2156	2532	1636	1884	2196	13914
1 LEMP	292	396	560	646	426	596	64	2980
1 LITTLE PIONEER	1098	1478	1580	1966	1206	1334	452	9114
2 LOWER CENTER POINT	1152	2012	1736	2446	1446	1498	1002	11292
1 MACE-CATLIN	194	442	496	672	346	262	16	2428
1 MACE-MACE	102	178	258	216	76	184	100	1114
3 MCCONNELL ISLAND	1474	2310	2174	1636	1204	1376	658	10832
2 MCMAHON & TEATER	144	150	242	320	152	184	148	1340
1 REEVES	36	122	90	128	62	96	78	612
1 RIDDLETON	4600	9862	9510	9662	7370	6010	3216	50230
MISCELLANEOUS	566	1364	1410	1490	976	1094	364	7264
1 NEW DRY CREEK	2130	4932	4870	4460	3666	2964	2060	25082
1 NEW YORK CANAL	91090	166956	157196	169170	113686	114878	44038	857014
3 PARMA	680	1472	1208	1314	964	930	894	7462
1 PENITENTIARY	0	510	452	538	258	288	68	2114
1 PHYLLIS	12368	24986	22956	25664	14004	13386	1032	114396
1 RIDENBAUGH	17330	34268	32562	33456	24986	23668	2912	169182
2 RIVERSIDE	9156	15022	14598	13600	11428	9182	6070	79056
2 RODEL	116	504	256	242	158	360	144	1780
1 ROSSI MILL	266	680	708	572	386	408	62	3082
2 SEBREE	8292	16576	18126	22698	15158	14846	5532	101228
1 SETTLERS	4228	11302	10726	9466	6914	6240	2554	51430
1 SEVEN SUCKERS	204	236	264	262	202	146	16	1330

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1968

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	TOTAL
STIEBENBERG	466	902	800	670	392	422	84	3736
THURMAN MILL	1022	2194	2028	1984	1334	1360	276	10198
UPPER CENTER POINT	640	790	1014	1114	708	836	416	5518
WARM SPRINGS SLOUGH	130	498	378	794	472	270	16	2558
TOTALS	180948	344874	328526	347018	235794	232674	85798	1755632

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

NAME OF CANAL	1967	1968
AIKEN		1212
ANDREWS		8042
BALLENTYNE	5148	4518
BAXTER		4460
BOISE CITY	9812	10430
BOISE VALLEY	19988	19124
BOONE		
BOWMAN-SWISHER		3474
BUBB (SOUTH BOISE MUTUAL)	5390	4452
CALDWELL HIGH LINE	21440	17308
CAMPBELL (CANYON)	9344	9536
CANYON COUNTY WATER CO.	24268	22428
CAPITAL VIEW IRRIG. DIST.	2072	2142
CONWAY-HANMING		1238
DAVIS DITCH	3834	4680
EUREKA WATER CO. #1	7574	8456
EUREKA #2	32866	36268
FARMERS UNION	51008	49316
GRAHAM-GILBERT		648
HAAS		4294
HART-DAVIS		5776
ISLAND HIGH LINE		13914
LENP		2380
LITTLE PIONEER	11282	9114
LOWER CENTER POINT	12702	11292
MACE-CATLIN		2428
MACE-MACE		1114
HAMMON		1162
MCCONNELL ISLAND		10832
MCMANUS AND TEATER		1340
		612
MEEVES	27928	29133
MIDDLETON WATER CO.	20224	21097
MIDDLETON MILL DITCH	5962	6102
MISCELLANEOUS	19088	19964
NEW DRY CREEK		
	5158	5118
NEW UNION	908206	857014
NEW YORK CANAL (B. OF C.)		7462
PARMA	1954	2114
PENITENTIARY	125032	105940
PHYLLIS		
	24206	24766
PIONEER DIXIE	174206	169182
RIDENBAUGH	57026	54290
RIVERSIDE #2		1780
RODEL		3082
ROSSI MILL (SOUTH BOISE CANAL)	3232	

ROSE REEF CANAL TOWNSHIP IN MORE FLET

BEGINNING 1967

CHART 95, 7

BOISE RIVER CANAL DIVERSIONS IN A

BEGINNING 1967

NAME OF CANAL	1967	1968
SEBREE (FARMERS CO-OP)	105780	101228
SETTLERS	52414	51430
SEVEN SUCKERS		1330
SIEBENBERG	4280	3736
THURMAN MILL	10512	10198
UPPER CENTER POINT	5270	5518
WARM SPRING SLOUGH		2558
FLOOD CONTROL & OTHER LOSS TO IRRIGATION	0	0
TOTAL SUMMER DIVERSIONS	1785410	1755632
NATURAL FLOW USED IRRIGATION SEASON		920210
STORAGE WATER USED		581723
SUMMER RETURN FLOW	428828	253699
LOSS TO THE BOISE RIVER @PARMA		237060
TOTAL TRIBUTARY GAIN-IRRIGATION SEASON		490759
FISH AND GAME	37050	18992
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	93370	27416
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM	0	0
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31		1802040
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	1487002	1364416
TOTAL LOSS TO THE BOISE RIVER @PARMA		454788

YEARS 1950 THROUGH 1966 IN PREVIOUS REPORTS

1
DISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1967

CHART NO. 7

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY

FOR EACH IRRIGATION SEASON FROM
(ACREAGE TAKEN FROM CHART NO

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968
AIKEN							
ANDREWS						236	5.14
BALLENTYNE						1068	7.53
BAXTER	763	9.04	763	6.99	6.75	763	5.92
BOISE CITY						200	2.23
	1828	5.40	1828	5.67	5.37	1828	5.71
BOISE VALLEY							
BOONE	2729	5.78	2729	8.12	7.32	2729	7.01
BOWMAN-SWISHER							
BUBB (SOUTH BOISE MUTUAL)						424	8.19
*CALDWELL HIGH LINE	1057	4.23	1057	4.63	5.10	1057	4.21
	3960	5.27	3960	4.25	5.41	3960	4.37
CAMPBELL (CANYON)	802	15.54	802	13.78	11.65	802	11.89
CANYON COUNTY	4007	6.30	4007	6.36	6.06	4007	5.60
CAPITAL VIEW						600	3.57
CONWAY-HAMMING						259	4.78
DAVIS DITCH	634	7.10	634	6.99	6.05	634	7.38
EAGLE ISLANDS CANALS	2637	5.85	2134	6.26	6.93	(LISTED INDIVIDUALLY)	
EUREKA WATER CO. #1	1800	5.24	1800	6.00	4.21	1800	4.70
EUREKA #2	2625	14.67	2625	16.48	12.52	2625	13.82
FARMERS UNION	8900	6.98	8900	6.04	5.96	8300	5.94
GRAHAM-GILBERT						200	3.24
HAAS						750	5.73
HART-DAVIS						453	12.75
ISLAND HIGH LINE						945	14.72
LEMP						300	9.93
LITTLE PIONEER	1286	10.53	1286	8.81	8.77	1286	7.09
LOWER CENTER POINT	880	11.47	880	16.15	14.43	880	12.83
MACE-CATLIN						536	4.53
MACE-MACE						80	13.93
**MAMMON						168	6.92
MCCONNEL ISLAND						1600	6.77
McMANUS & TEATER						168	7.98
MEEVES						90	6.80
MIDDLETON IRRIG. ASSOC.	5182	5.89	5180	6.01	5.39	5180	5.62
MIDDLETON MILL	4400	5.02	4400	5.12	4.60	4400	4.80
MISCELLANEOUS	511	7.25	1428	6.74	3.53	957	6.38
NEW DRY CREEK	3059	7.21	3059	6.61	6.24	3059	6.53
NEW UNION	688	6.96	688	7.30	7.50	688	7.44
NEW YORK CANAL (B. OF C.)	164734	5.23	164729	5.33	5.51	164617	5.21
PARMA						602	12.40
PENITENTIARY	321	7.79	433	6.02	4.51	321	6.59

BLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

CHAR

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

ACRES
IRRIGATED 1968

236 5.14
1068 7.53
763 5.92
200 2.23
1828 5.71

2729 7.01

424 8.19
1057 4.21
3960 4.37

802 11.89
4007 5.60
600 3.57
259 4.78
634 7.38

(LISTED INDIVIDUALLY)

1800 4.70
2625 13.82
8300 5.94
200 3.24

750 5.73
453 12.75
945 14.72
300 9.93
1286 7.09

880 12.83
536 4.53
80 13.93
168 6.92
1600 6.77

168 7.98
90 6.80
5180 5.62
4400 4.80
957 6.38

3059 6.53
688 7.44
164617 5.21
602 12.40
321 6.59

RTED BY BOISE VALLEY CANALS

CHART NO. 8

SON FROM 1965

HART NO. 9)

TABLE SHOWING ACRE FEET PER ACRE DIVERTED

FOR EACH IRRIGATION SEASON
(ACREAGE TAKEN FROM CHART)

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

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

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

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

1947 THROUGH 1964 CAN BE FOUND IN PREVIOUS ANNUAL REPORTS.

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

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

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

CHAP

ACRES		1968
7	IRRIGATED	
3	24362	4.35
2	2030	12.20
3	26877	6.30
5	10645	5.10
	160	11.13
6	500	6.16
2	15500	6.53
7	12282	4.19
	70	19.00
3	646	5.78
4	1799	5.67
2	641	8.61
	494	5.18
9	314578	5.58

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

T 35% LOSS.

ORE DIVERTED BY BOISE VALLEY CANALS

CHART NO. 8

ATION SEASON FROM 1965
IN FROM CHART NO. 9)

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

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 9

ANDREWS.	1,068 ACRES	LOWER CENTER POINT.	880 ACRES
BALLENTYNE.	763 "	MANNON.	538 "
BOISE CITY.	1,828 "	MCCONNEL ISLAND.	1,600 "
BOISE VALLEY.	2,729 "	MCMAHUS & TEATER.	168 "
BOONE.	517 "	MEEVES.	90 "
BOWMAN & SWISHER.	424 "	MIDDLETON MILL.	4,400 "
BUBB (SOUTH BOISE MUTUAL).	1,057 "	MIDDLETON WATER.	5,180 "
CALDWELL HIGH LINE.	13,960 "	MISCELLANEOUS.	957 "
CAMPBELL.	802 "	NEW DRY CREEK.	3,059 "
CANYON COUNTY.	4,007 "	NEW UNION.	688 "
CAPITAL VIEW.	600 "	NEW YORK.	
DAVIS & LITTLE DAVIS.	634 "	BIG BEND IRRIG. DIST.	1,724 "
EAGLE ISLAND CANALS.		BOISE-KUNA IRRIG. DIST.	48,339 "
AIKEN.	236 "	NAMPA & MERIDIAN IRRIG. DIST.	40,344 "
CONROY & HAMMING.	259 "	NEW YORK IRRIG. DIST.	17,629 "
GRAHAM & GILBERT.	200 "	WILDER IRRIG. DIST.	56,581 "
HART & DAVIS.	453 "	TOTAL - BOARD OF CONTROL.	164,617 ACRES
LEMP DITCH.	300 "	PARMA DITCH CO.	602 "
MACE & GATLIN.	536 "	PENITENTIARY.	321 "
MACE & MACE.	80 "	PIONEER IRRIG. DIST.	24,362 "
SEVEN SUCKERS.	70 "	PIONEER DIXIE.	2,030 "
WARM SPRINGS SLOUGH.	494 "	RIDENBAUGH.	26,877 "
TOTAL-EAGLE ISLAND CANALS.	2,628 ACRES	RIVERSIDE IRRIG. DIST.	10,645 "
EUREKA WATER CO. #1.	1,800 "	RODEL.	160 "
EUREKA DITCH CO. #2.	2,625 "	ROSSI MILL.	500 "
FARMERS UNION.	8,300 "	SEBREE.	15,300 "
HAAS.	750 "	SETTLERS.	12,282 "
ISLAND HIGH LINE.	945 "	SIEBENBERG.	646 "
LARSON, BAXTER, LEMP.	200 "	SIEBENBERG.	1,799 "
LITTLE PIONEER.	1,286 "	THURMAN MILL.	641 "
		UPPER CENTER POINT.	
		TOTAL.	325,465 ACRES

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

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

GRAND TOTAL. 333,754 ACRES

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

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

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

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK		TOTAL AVAILABLE	USED APRIL	USED BALANCE	USED MAY	USED BALANCE	USED JUNE	USED BALANCE
			TEMP. CONTR.	CARRY OVER							
BALLENTYNE	0	222		1300	1522	0	1522	0	1522	0	1522
BOISE CITY	0	0		1000	1000	0	1000	0	1000	0	1000
BOISE VALLEY	0	250	634	0	884	0	884	0	884	0	884
BUBB (SOUTH BOISE MUTUAL)	0	141		247	388	0	388	0	388	0	388
CANYON COUNTY	0	0		3560	3560	0	3560	0	3560	0	3560
CAPITAL VIEW	0	262		300	562	0	562	0	562	0	562
DAVIS	0	0	380	344	724	0	724	0	724	0	724
EAGLE ISLAND	0	0		7650	7650	0	7650	0	7650	0	7650
EUREKA #1	0	0		2604	2604	0	2604	0	2604	0	2604
FARMERS UNION	2874	1489	3930	1599	9892	570	9322	0	9322	0	9322
LITTLE PIONEER	0	565	471	0	1036	0	1036	0	1036	0	1036
MIDDLETON	0	0		5090	5090	0	5090	0	5090	0	5090
NEW DRY CREEK	0	337		2784	3121	54	3067	0	3067	0	3067
NEW UNION	0	0		536	536	0	536	0	536	0	536
NEW YORK	*** 253633	*** 249345	12000	0	514978	90882	424096	33490	390606 (+16980)	407586	161
PHYLLIS	21018	6651		7160	34829	956	33873	408	33465	488	32977
RIDENBAUGH	4511	4255		28574	37340	646	36694	620	36074	0	36074
ROSSI MILL	0	0		628	628	0	628	0	628	0	628
SEBREE	1227	0		0	1227	0	1227	0	1227	200	1027
SETTLERS	*** 2576	**** 2649		8007	13232	0	13232	0	13232	0	13232
THURMAN MILL	0	0		600	600	0	600	0	600	0	600
FOREST SERVICE TREE FARM	200	0		0	200	14	186	14	172	30	142
KROEGER AND PECORA	511	0		0	511	0	511	75	436	92	344
BOISE CASCADE	50	0		0	50	0	50	0	50	0	50
FISH AND GAME	0	0		2469	2469	0	2469	0	2469	0	2469
ANDERSON DAM POWER	0	5000		0	5000	0	5000	0	5000	0	5000
UNCONTRACTED LUCKY PEAK WATER	0	0	(-17415)	115481	98066	0	98066	0	98066	0	98066
TOTALS	286600	271166	0	189933	747699	93122	654577	34607	619970 (+16170)	636140	20245

- * LESS 1.85 ACRE FEET ON 420 ACRES OF GOVERNMENT LANDS IRRIGATED BY SETTLERS * INCREASED BY 22,239 ACRE FEET OF HILLCREST ST
- ** SETTLERS ARROWROCK STORAGE INCREASED 777 ACRE FEET TO IRRIGATE GOVERNMENT LANDS
- *** NEW YORK-BOARD OF CONTROL TRANSFERRED 700 ACRE FEET OF ARROWROCK STORAGE AND 320 ACRE FEET OF ANDERSON STORAGE TO THE RIDENBAUGH
- **** TEMPORARY TRANSFER OF 1,138 ACRE FEET OF NEW YORK-NAMPA MERIDIAN ANDERSON STORAGE TO SETTLERS **** TEMPORARY TRANSFER OF
- FISH AND GAME STORAGE TO BE RUN DURING WINTER MONTHS
- TEMPORARY CONTRACTS FOR 17,415 ACRE FEET OF LUCKY PEAK STORAGE TO BE SUBTRACTED FROM LUCKY PEAK UNCONTRACTED CARRYOVER

BOISE RIVER STORAGE ACCOUNTS - 1968 - IN ACRE FEET

USED OIL	BALANCE	USED MAY	BALANCE	USED JUNE	BALANCE	USED JULY	BALANCE	USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 15-1968	AND CARR
0	1522	0	1522	0	1522	80	1442	0	1442	0	1442	0	1442	80	
0	1000	0	1000	0	1000	536	464	232	232	50	182	0	182	818	
0	884	0	884	0	884	290	594	224	370	370	0	0	0	884	
0	388	0	388	0	388	156	232	60	172	54	118	0	118	270	
0	3560	0	3560	0	3560	780	2780	498	2282	450	1832	0	1832	1728	
0	562	0	562	0	562	0	562	100	462	210	252	0	252	310	
0	724	0	724	0	724	332	392	230	162	144	18	18	0	724	
0	7650	0	7650	0	7650	0	7650	0	7650	0	7650	0	7650	0	
0	2604	0	2604	0	2604	498	2106	344	1762	60	1702	0	1702	902	
570	9322	0	9322	0	9322	4152	5170	2748	2422	2422	0	0	0	9892	
0	1036	0	1036	0	1036	460	576	424	152	152	0	0	0	1036	
0	5090	0	5090	0	5090	2536	2554	1128	1426	308	1118	0	1118	3972	
54	3067	0	3067	0	3067	400	2667	378	2289	0	2289	0	2289	832	
0	536	0	536	0	536	224	312	68	244	0	244	0	244	292	
882	424096	33490	390606 (+16980)	407586	161368	246218	87348	158870	111184	47686	31516	16170	498808		
956	33873	408	33465	488	32977	15894	17083	7194	9889	4662	5227	148	5079	29750	
646	36694	620	36074	0	36074	11256	24818	6238	18580	4942	13638	288	13350	23990	
0	628	0	628	0	628	46	582	72	510	0	510	0	510	118	
0	1227	0	1227	200	1027	1000	27	0	27	0	27	0	27	1200	
0	13232	0	13232	0	13232	2142	11090	2128	8962	1056	7906	76	7830	5402	
0	600	0	600	0	600	94	506	0	506	0	506	0	506	94	
14	186	14	172	30	142	36	106	10	96	8	88	0	88	112	
0	511	75	436	92	344	171	173	40	133	81	52	0	52	459	
0	50	0	50	0	50	0	50	12	38	25	13	13	0	50	
0	2469	0	2469	0	2469	0	2469	0	2469	0	2469	0	2469	0	
0	5000	0	5000	0	5000	0	5000	0	5000	0	5000	0	5000	0	
0	98066	0	98066	0	98066	0	98066	0	98066	0	98066	0	98066	0	
93122	654577	34607	619970 (+16170)	636140	202451	433689	109476	324213	126178	198035	32059	165976	581729	21	

ERS * INCREASED BY 22,239 ACRE FEET OF HILLCREST STORAGE

AT LANDS

AND 320 ACRE FEET OF ANDERSON STORAGE TO THE RIDENBAUGH CANAL FOR GOVERNMENT LANDS

ON STORAGE TO SETTLERS **** TEMPORARY TRANSFER OF 21 ACRE FEET OF ARROWROCK STORAGE FROM RIDENBAUGH TO SETTLERS

ED FROM LUCKY PEAK UNCONTRACTED CARRYOVER

8 - IN ACRE FEET

CHART NO. 10

USED JULY	BALANCE	USED AUGUST	BALANCE	USED SEPTEMBER	BALANCE	USED OCTOBER	BALANCE	TOTAL USED APRIL THRU OCT. 15-1968	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER	ARROWROCK BALANCE NO CARRYOVER
80	1442	0	1442	0	1442	0	1442	80	142	1300	0
536	464	232	232	50	182	0	182	818	0	182	0
290	594	224	370	370	0	0	0	884	0	0	0
156	232	60	172	54	118	0	118	270	0	118	0
780	2780	498	2282	450	1832	0	1832	1728	0	1832	0
0	562	100	462	210	252	0	252	310	0	252	0
332	392	230	162	144	18	18	0	724	0	0	0
0	7650	0	7650	0	7650	0	7650	0	0	7650	0
498	2106	344	1762	60	1702	0	1702	902	0	1702	0
4152	5170	2748	2422	2422	0	0	0	9892	0	0	0
460	576	424	152	152	0	0	0	1036	0	0	0
2536	2554	1128	1426	308	1118	0	1118	3972	0	1118	0
400	2667	378	2289	0	2289	0	2289	832	0	2289	0
224	312	68	244	0	244	0	244	292	0	244	0
161368	246218	87348	158870	111184	47686	31516	16170	498808	16170	0	0
15894	17083	7194	9889	4662	5227	148	5079	29750	0	5079	0
11256	24818	6238	18580	4942	13638	288	13350	23990	0	13350	0
46	582	72	510	0	510	0	510	118	0	510	0
1000	27	0	27	0	27	0	27	1200	0	0	27
2142	11090	2128	8962	1056	7906	76	7830	5402	0	7830	0
94	506	0	506	0	506	0	506	94	0	506	0
36	106	10	96	8	88	0	88	112	0	0	88
171	173	40	133	81	52	0	52	459	0	0	52
0	50	12	38	25	13	13	0	50	0	0	0
0	2469	0	2469	0	2469	0	2469	0	0	2469	0
0	5000	0	5000	0	5000	0	5000	0	5000	0	0
0	98066	0	98066	0	98066	0	98066	0	0	98066	0
202451	433689	109476	324213	126178	198035	32059	165976	581723	21312	144497	167

CREST STORAGE

RIDENBAUGH CANAL FOR GOVERNMENT LANDS
TRANSFER OF 21 ACRE FEET OF ARROWROCK STORAGE FROM RIDENBAUGH TO SETTLERS

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

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

ANDERSON

BOISE-KUNA IRRIGATION DISTRICT	112,149	26.83
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
BIG BEND IRRIGATION DISTRICT	3,887	.93
NAMPA & MERIDIAN	77,784	18.61
TOTAL BOARD OF CONTROL	359,934	3.62
RIDENBAUGH	15,137	6.12
PIONEER IRRIGATION DISTRICT	25,582	1.97
FARMERS UNION DITCH CO.	5,727	.31
NEW DRY CREEK DITCH CO.	1,296	1.39
SETTLERS IRRIGATION DISTRICT	5,810	.23
BOISE VALLEY IRRIGATION DITCH CO.	961	.13
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.09
BALLENTYNE DITCH CO.	376	.11
CAPITOL VIEW IRRIGATION DISTRICT	460	.52
PIONEER DITCH COMPANY	2,174	100.00
TOTAL	418,000	
POWER	5,000	

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

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

TRIBUTARY AND RETURN FLOW TO B

IRRIGATION SEASON OF 196

APRIL

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOISE SEWER 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
DAVIS DRAIN 1				1	1	1	1	1	1	1	1	1	1	1	1
DIXIE DRAIN 3															
DRAINAGE DISTRICT #3 1										9	10	11	13	15	16
EAGLE DRAIN 1						11	10	10	10	9	9	9	8	8	8
FIVE MILE CREEK 2				18	19	22	23	25	26	28	30	32	34	36	37
HARTLEY DRAIN 2				15	16	18	19	20	22	23	24	26	27	28	29
HARTLEY GULCH 2				3	4	5	6	7	8	9	10	11	12	13	14
INDIAN CREEK 2															
MASON CREEK 2					1	1	2	3	4	5	6	7	8	9	10
MASON DRAIN 2				44	45	46	46	47	48	49	49	50	50	51	52
NORTH MIDDLETON DRAIN 2				31	31	30	29	28	27	26	25	24	23	22	20
SOUTH MIDDLETON DRAIN 2				8	8	8	8	8	9	10	11	12	13	14	15
THURMAN DRAIN 1															
WILLOW CREEK 2				17	17	17	17	17	17	17	17	17	17	17	17
TOTALS	10	10	10	147	152	169	171	176	182	196	202	210	216	224	229

MAY

	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12
BOISE SEWER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DAVIS DRAIN	150	153	155	170	185	200	215	229	243	258	273	288	303	318	331
DIXIE DRAIN	17	17	16	16	16	15	15	14	14	14	13	13	13	13	13
DRAINAGE DISTRICT #3	39	42	44	46	48	48	50	52	54	56	58	60	61	63	65
EAGLE DRAIN	30	37	44	51	58	65	72	79	86	92	99	106	113	109	105
FIVE MILE CREEK	50	52	54	56	58	60	62	63	64	65	65	66	67	67	68
HARTLEY DRAIN	21	21	20	20	19	19	18	18	19	20	20	21	22	22	23
HARTLEY GULCH	0	0	3	6	10	14	17	21	25	28	31	34	37	40	43
INDIAN CREEK	15	15	15	15	14	14	14	14	13	13	13	13	13	13	14
MASON CREEK	47	57	67	77	87	97	107	117	127	137	147	157	167	165	163
MASON DRAIN	36	39	42	45	49	52	55	58	58	58	58	58	58	58	57
NORTH MIDDLETON DRAIN	68	75	82	89	96	102	109	116	119	122	125	127	129	132	135
SOUTH MIDDLETON DRAIN	14	15	15	16	16	17	17	17	18	18	18	19	19	19	20
THURMAN DRAIN	22	22	23	23	24	24	25	25	26	28	29	31	32	33	35
WILLOW CREEK															
TOTALS	521	557	592	642	692	739	788	835	879	922	962	1006	1047	1065	1065

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1968

APRIL

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	9	10	11	13	15	16	16	16	16	16	123	126	129	131	133	135	137	140	142	144	147	
10	9	9	9	8	8	8	10	12	14	16	18	20	22	23	25	27	29	31	33	35	37	
26	28	30	32	34	36	37	39	40	39	38	37	36	36	35	35	34	34	33	33	32	31	
22	23	24	26	27	28	29	30	31	33	35	36	37	38	39	40	41	43	44	46	47	49	
8	9	10	11	12	13	14	15	16	18	19	20	21	22	23	24	24	23	23	22	22	21	
4	5	6	7	8	9	10	11	12	12	12	13	13	13	14	14	14	14	15	15	15	15	
48	49	49	50	50	51	52	52	53	53	52	52	51	51	50	50	49	49	48	48	47	47	
27	26	25	24	23	22	20	20	19	18	18	17	16	16	15	14	17	20	23	26	29	32	
9	10	11	12	13	14	15	15	16	16	17	18	19	20	21	22	29	35	42	49	55	62	
							10	10	10	11	11	11	12	12	12	13	13	13	14	14	14	
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	19	20	20	21	
82	196	202	210	216	224	229	365	372	376	383	389	396	405	409	415	431	445	461	478	490	506	

MAY

12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
43	258	273	288	303	318	311	304	298	292	285	278	271	264	258	251	244	238	231	224	217	211	204
14	14	13	13	13	13	13	12	12	12	12	12	12	11	11	11	11	11	11	11	11	12	12
54	56	58	60	61	63	65	67	69	71	73	75	73	71	70	68	66	64	62	60	58	56	54
86	92	99	106	113	109	105	101	97	93	90	86	83	80	76	73	70	66	63	59	56	57	59
64	65	65	66	67	67	68	69	69	70	71	72	73	73	72	72	72	72	72	71	71	71	71
19	20	20	21	22	22	23	24	24	25	26	27	28	29	29	30	30	31	31	32	32	33	33
25	28	31	34	37	40	43	46	49	52	55	58	62	66	70	73	76	79	82	85	88	89	90
13	13	13	13	13	13	14	14	14	15	15	15	16	16	16	17	17	17	18	18	18	18	18
27	137	147	157	167	165	163	160	158	156	154	152	149	147	144	142	140	138	135	133	131	132	134
58	58	58	58	58	58	57	57	57	57	57	57	57	57	57	57	58	58	58	58	58	58	59
19	122	125	127	129	132	135	138	141	144	147	149	151	150	148	146	144	142	141	139	138	136	135
18	18	18	19	19	19	20	20	20	20	20	20	19	19	19	19	18	18	18	18	18	18	19
26	28	29	31	32	33	35	37	39	40	42	43	45	44	43	42	42	41	41	40	39	38	38
79	922	962	1006	1047	1065	1065	1062	1060	1060	1060	1057	1052	1040	1026	1014	1001	988	976	961	948	942	939

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1968

APRIL

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	9	10	11	13	15	16	16	16	16	16	123	126	129	131	133	135	137	140	142	144	147	
10	9	9	9	8	8	8	10	12	14	16	18	20	22	23	25	27	29	31	33	35	37	
26	28	30	32	34	36	37	39	40	39	38	37	36	36	35	35	34	34	33	33	32	31	
22	23	24	26	27	28	29	30	31	33	35	36	37	38	39	40	41	43	44	46	47	49	
8	9	10	11	12	13	14	15	16	18	19	20	21	22	23	24	24	23	23	22	22	21	
4	5	6	7	8	9	10	11	12	12	12	13	13	13	14	14	14	14	15	15	15	15	
48	49	49	50	50	51	52	52	53	53	52	52	51	51	50	50	49	49	48	48	47	47	
27	26	25	24	23	22	20	20	19	18	18	17	16	16	15	14	17	20	23	26	29	32	
9	10	11	12	13	14	15	15	16	16	17	18	19	20	21	22	29	35	42	49	55	62	
							10	10	10	11	11	11	12	12	12	13	13	13	14	14	14	
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	19	20	20	21	
82	196	202	210	216	224	229	365	372	376	383	389	396	405	409	415	431	445	461	478	490	506	

MAY

12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
43	258	273	288	303	318	311	304	298	292	285	278	271	264	258	251	244	238	231	224	217	211	204
14	14	13	13	13	13	13	12	12	12	12	12	12	11	11	11	11	11	11	11	11	12	12
54	56	58	60	61	63	65	67	69	71	73	75	73	71	70	68	66	64	62	60	58	56	54
86	92	99	106	113	109	105	101	97	93	90	86	83	80	76	73	70	66	63	59	56	57	59
64	65	65	66	67	67	68	69	69	70	71	72	73	73	72	72	72	72	72	71	71	71	71
19	20	20	21	22	22	23	24	24	25	26	27	28	29	29	30	30	31	31	32	32	33	33
25	28	31	34	37	40	43	46	49	52	55	58	62	66	70	73	76	79	82	85	88	89	90
13	13	13	13	13	13	14	14	14	15	15	15	16	16	16	17	17	17	18	18	18	18	18
27	137	147	157	167	165	163	160	158	156	154	152	149	147	144	142	140	138	135	133	131	132	134
58	58	58	58	58	58	57	57	57	57	57	57	57	57	57	57	58	58	58	58	58	58	59
19	122	125	127	129	132	135	138	141	144	147	149	151	150	148	146	144	142	141	139	138	136	135
18	18	18	19	19	19	20	20	20	20	20	20	19	19	19	19	18	18	18	18	18	18	19
26	28	29	31	32	33	35	37	39	40	42	43	45	44	43	42	42	41	41	40	39	38	38
79	922	962	1006	1047	1065	1065	1062	1060	1060	1060	1057	1052	1040	1026	1014	1001	988	976	961	948	942	939

W TO BOISE RIVER

CHART NO. 12

OF 1968

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	310
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	27
	119	119	119	121	123	126	129	131	133	135	137	140	142	144	147		1965
16	16	16	16	16	16	17	17	17	17	18	18	18	18	18	18		330
8	10	12	14	16	18	20	22	23	25	27	29	31	33	35	37		444
37	39	40	39	38	37	36	36	35	35	34	34	33	33	32	31		862
29	30	31	33	35	36	37	38	39	40	41	43	44	46	47	49		856
14	15	16	18	19	20	21	22	23	24	24	23	23	22	22	21		415
																	0
10	11	12	12	12	13	13	13	14	14	14	14	15	15	15	15		258
52	52	53	53	52	52	51	51	50	50	49	49	48	48	47	47		1329
20	20	19	18	18	17	16	16	15	14	17	20	23	26	29	32		616
15	15	16	16	17	18	19	20	21	22	29	35	42	49	55	62		560
	10	10	10	11	11	11	12	12	12	13	13	13	14	14	14		180
17	17	17	17	17	17	17	17	17	17	18	18	19	20	20	21		473
229	365	372	376	383	389	396	405	409	415	431	445	461	478	490	506		8625
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12		364
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		31
311	304	298	292	285	278	271	264	258	251	244	238	231	224	217	211	204	7521
13	12	12	12	12	12	12	11	11	11	11	11	11	11	11	12	12	403
65	67	69	71	73	75	73	71	70	68	66	64	62	60	58	56	54	1843
105	101	97	93	90	86	83	80	76	73	70	66	63	59	56	57	59	2355
68	69	69	70	71	72	73	73	72	72	72	72	72	71	71	71	71	2058
23	24	24	25	26	27	28	29	29	30	30	31	31	32	32	33	33	767
43	46	49	52	55	58	62	66	70	73	76	79	82	85	88	89	90	1429
14	14	14	15	15	15	16	16	16	17	17	17	18	18	18	18	18	470
163	160	158	156	154	152	149	147	144	142	140	138	135	133	131	132	134	4024
57	57	57	57	57	57	57	57	57	57	58	58	58	58	58	58	59	1701
135	138	141	144	147	149	151	150	148	146	144	142	141	139	138	136	135	3915
20	20	20	20	20	20	19	19	19	19	18	18	18	18	18	18	19	561
35	37	39	40	42	43	45	44	43	42	42	41	41	40	39	38	38	1056
1065	1062	1060	1060	1060	1057	1052	1040	1026	1014	1001	988	976	961	948	942	939	28498

17.1 AC-FT x 10³54.5 AC-FT x 10³

TRIBUTARY AND RETURN

IRRIGATION SE

JUNE

NAME OF TRIBUTARY

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
BOISE SEWER	12	12	12	12	12	12	12	12	12	12	12	12	13	14
DAVIS DRAIN	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DIXIE DRAIN	210	216	222	228	234	240	246	252	258	264	271	267	262	257
DRAINAGE DISTRICT #3	12	12	13	13	13	13	14	14	14	14	14	14	15	15
EAGLE DRAIN	53	51	49	49	49	49	50	50	50	50	50	51	51	51
FIVE MILE CREEK	60	62	63	65	66	68	69	71	72	74	75	76	78	79
HARTLEY DRAIN	71	70	70	70	70	70	69	69	68	68	67	67	66	66
HARTLEY GULCH	34	34	35	35	36	36	35	34	33	32	31	30	29	27
INDIAN CREEK	91	92	93	94	95	96	97	98	99	100	101	100	98	96
MASON CREEK	17	17	17	17	16	16	16	16	15	15	15	15	14	14
MASON DRAIN	135	137	138	140	141	143	144	145	147	148	150	151	152	154
NORTH MIDDLETON DRAIN	59	59	59	59	59	59	59	59	59	59	59	59	59	59
SOUTH MIDDLETON DRAIN	133	132	130	129	127	126	124	122	120	118	116	115	114	113
THURMAN DRAIN	19	19	19	20	20	20	20	20	21	21	21	21	21	22
WILLOW CREEK	37	36	36	35	34	33	32	31	30	28	26	24	22	20
TOTALS	944	950	957	967	973	982	988	994	999	1004	1009	1009	996	987

JULY

BOISE SEWER	14	14	14	14	14	15	15	15	15	15	15	15	15	15
DAVIS DRAIN	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DIXIE DRAIN	250	260	270	281	292	282	272	262	252	242	232	222	230	232
DRAINAGE DISTRICT #3	15	15	15	15	14	14	14	14	14	14	14	14	14	14
EAGLE DRAIN	50	50	50	50	50	50	50	50	50	50	50	50	50	50
FIVE MILE CREEK	49	49	49	48	48	48	48	48	48	48	48	50	52	53
HARTLEY DRAIN	66	66	66	66	66	66	66	66	66	66	66	66	66	66
HARTLEY GULCH	20	20	20	20	20	20	20	20	20	20	21	21	21	21
INDIAN CREEK	68	67	66	65	64	63	63	62	61	60	59	60	61	62
MASON CREEK	13	13	13	13	12	12	12	12	11	11	11	11	11	11
MASON DRAIN	129	128	128	127	127	126	126	125	125	124	124	125	126	128
NORTH MIDDLETON DRAIN	38	36	34	34	34	34	34	34	34	34	33	33	33	33
SOUTH MIDDLETON DRAIN	84	82	81	82	83	84	85	86	87	88	90	91	92	93
THURMAN DRAIN	26	26	26	25	25	25	24	24	23	23	22	22	22	22
WILLOW CREEK	16	16	16	16	16	16	16	16	16	16	15	15	15	15
TOTALS	839	843	849	857	866	856	846	835	823	812	801	796	809	823

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1968

JUNE

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52	258	264	271	267	262	257	253	248	243	238	233	229	224	222	219	216	214	212	210	220	230	240
14	14	14	14	14	15	15	15	15	16	16	16	16	17	17	17	17	17	16	16	16	16	15
50	50	50	50	51	51	51	51	51	51	51	51	51	51	51	51	51	50	50	50	50	50	50
71	72	74	75	76	78	79	77	75	73	70	67	64	61	58	55	53	51	49	49	49	49	49
69	68	68	67	67	66	66	65	65	64	64	63	63	63	63	63	64	64	64	65	65	65	65
34	33	32	31	30	29	27	26	25	24	23	22	21	21	21	21	21	21	21	20	20	20	20
98	99	100	101	100	98	96	94	92	90	88	86	84	82	80	78	76	74	72	71	70	69	69
16	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13
145	147	148	150	151	153	154	152	150	148	146	144	142	140	139	138	136	134	132	131	131	130	129
59	59	59	59	59	59	59	59	59	59	59	59	59	58	56	54	52	50	48	46	44	42	40
122	120	118	116	115	114	113	111	109	107	105	103	101	100	99	98	97	96	94	92	90	88	86
20	21	21	21	21	21	22	23	23	24	25	26	26	27	27	28	28	29	29	28	28	27	27
31	30	28	26	24	22	20	19	18	16	14	12	11	11	12	12	13	13	14	14	15	15	15
994	999	1004	1009	1003	996	987	973	958	943	927	910	895	883	873	862	852	841	829	820	826	829	832

JULY

15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
262	252	242	232	222	230	237	245	253	260	268	276	278	280	283	286	288	290	292	277	263	249	235
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13
50	50	50	50	50	50	50	50	50	50	49	49	49	49	48	48	48	48	47	47	47	47	48
48	48	48	48	50	52	55	57	59	61	63	65	67	70	72	74	77	80	77	74	70	67	64
66	66	66	66	66	66	66	66	66	66	66	65	65	64	64	63	63	62	62	61	61	60	60
20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	23	23	23
62	61	60	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	79	85	91	97	103
12	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	9
125	125	124	124	125	126	128	129	130	131	132	134	135	136	137	138	139	140	138	136	134	132	130
34	34	34	33	33	33	33	33	33	33	33	34	35	37	38	39	41	42	44	46	48	50	51
86	87	88	90	91	92	93	94	95	96	97	95	92	90	87	85	82	80	77	75	72	69	66
24	23	23	22	22	22	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	21
16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
835	823	812	801	796	809	823	836	849	861	872	882	886	892	896	901	908	913	914	898	884	869	854

N. TO BOISE RIVER

CHART NO. 12

OF 1968

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	378
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
253	248	243	238	233	229	224	222	219	216	214	212	210	220	230	240		7078
15	15	16	16	16	16	17	17	17	17	17	16	16	16	16	15		448
51	51	51	51	51	51	51	51	51	51	50	50	50	50	50	50		1513
77	75	73	70	67	64	61	58	55	53	51	49	49	49	49	49		1927
65	65	64	64	63	63	63	63	63	64	64	64	65	65	65	65		1986
26	25	24	23	22	21	21	21	21	21	21	21	20	20	20	20		808
94	92	90	88	86	84	82	80	78	76	74	72	71	70	69	69		2625
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13		443
132	130	148	146	144	142	140	139	138	136	134	132	131	131	130	129		4248
59	59	59	59	59	59	58	56	54	52	50	48	46	44	42	40		1670
111	109	107	105	103	101	100	99	98	97	96	94	92	90	88	86		3295
23	23	24	25	26	26	27	27	28	28	29	29	28	28	27	27		709
19	18	16	14	12	11	11	12	12	13	13	14	14	15	15	15		648
973	958	943	927	910	895	883	873	862	852	841	829	820	826	829	832		27806
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		460
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		31
245	253	260	268	276	278	280	283	286	288	290	292	277	263	249	235	220	8127
14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13		433
80	80	80	49	49	49	49	48	48	48	48	47	47	47	47	48	48	1522
57	59	61	63	65	67	70	72	74	77	80	77	74	70	67	64	61	1846
66	66	66	66	65	65	64	64	63	63	62	62	61	61	60	60	59	1997
21	21	21	21	21	21	21	21	21	22	22	22	22	23	23	23	23	653
63	64	65	66	67	68	69	70	71	72	73	79	85	91	97	103	109	2193
11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	9	9	338
129	130	131	132	134	135	136	137	138	139	140	138	136	134	132	130	128	4047
33	33	33	33	34	35	37	38	39	41	42	44	46	48	50	51	53	1168
94	95	96	97	95	92	90	87	85	82	80	77	75	72	69	66	64	2624
22	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	22	696
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	475
836	849	861	872	882	886	892	896	901	908	913	914	898	884	869	854	840	26610

55-1 ACFT-10

53-8 ACFT-10

TRIBUTARY AND RETURN FLOW TO BO

IRRIGATION SEASON OF 1968

NAME OF TRIBUTARY

AUGUST

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
DAVIS DRAIN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DIXIE DRAIN	205	190	197	204	211	218	225	232	239	253	267	281	296	310	324	338
DRAINAGE DISTRICT #3	12	12	12	12	12	12	13	13	13	14	14	14	15	15	15	16
EAGLE DRAIN	49	49	49	50	50	50	51	51	51	52	52	52	50	49	47	46
FIVE MILE CREEK	58	55	51	48	44	41	37	34	43	52	60	69	78	86	95	104
HARTLEY DRAIN	59	61	63	65	67	69	71	73	75	77	79	81	83	85	87	84
HARTLEY GULCH	23	23	23	23	23	24	24	24	24	24	25	25	25	25	25	24
INDIAN CREEK	115	121	127	133	139	145	151	157	163	169	175	181	187	193	199	205
MASON CREEK	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	9
MASON DRAIN	126	123	121	119	117	115	113	111	113	115	117	120	122	124	126	129
NORTH MIDDLETON DRAIN	54	56	58	61	63	65	68	70	72	75	77	80	83	86	88	86
SOUTH MIDDLETON DRAIN	62	68	74	80	86	92	98	104	110	116	122	128	134	140	147	142
THURMAN DRAIN	22	22	22	22	22	22	22	21	21	21	21	21	20	20	20	20
WILLOW CREEK	15	16	18	20	22	23	25	26	27	29	30	31	32	34	35	36
TOTALS	825	821	840	861	880	900	922	940	975	1021	1063	1107	1149	1191	1232	1255

SEPTEMBER

BOISE SEWER	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13
DAVIS DRAIN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DIXIE DRAIN	168	165	161	158	155	152	159	166	174	182	189	196	203	206	210	213
DRAINAGE DISTRICT #3	12	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12
EAGLE DRAIN	37	37	38	39	40	41	42	43	44	44	44	44	44	44	44	44
FIVE MILE CREEK	77	69	61	53	54	55	56	57	58	59	60	62	64	66	67	68
HARTLEY DRAIN	51	51	51	52	52	52	53	53	53	53	53	53	53	53	52	52
HARTLEY GULCH	18	19	20	22	23	24	25	26	27	28	29	30	30	29	29	28
INDIAN CREEK	212	209	206	203	200	197	194	191	188	185	182	179	176	173	169	166
MASON CREEK	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	10
MASON DRAIN	116	114	111	108	111	114	117	120	123	125	128	131	134	137	140	143
NORTH MIDDLETON DRAIN	56	56	55	55	54	54	53	53	52	52	51	51	51	51	50	50
SOUTH MIDDLETON DRAIN	75	75	76	76	76	77	77	77	77	78	78	78	79	80	81	82
THURMAN DRAIN	25	25	26	27	27	27	27	26	26	26	26	26	25	25	25	25
WILLOW CREEK	42	42	41	40	40	39	38	37	37	36	35	34	34	34	34	34
TOTALS	913	897	881	868	867	867	875	884	893	903	910	920	929	934	937	941

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1968

AUGUST

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
225	232	239	253	267	281	296	310	324	338	326	313	300	287	274	262	250	239	228	217	207	196
13	13	13	14	14	14	15	15	15	16	16	16	17	17	17	17	16	16	15	15	14	14
51	51	51	52	52	52	50	49	47	46	45	44	42	41	39	38	36	35	33	32	33	34
37	34	43	52	60	69	78	86	95	104	112	121	130	138	147	155	147	139	131	123	115	107
71	73	75	77	79	81	83	85	87	84	81	79	76	74	71	69	66	64	61	59	56	54
24	24	24	24	25	25	25	25	25	24	23	22	22	21	21	20	20	19	18	17	17	16
151	157	163	169	175	181	187	193	199	205	211	217	223	229	235	242	239	236	233	230	227	224
8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9
113	111	113	115	117	120	122	124	126	129	132	135	137	139	141	143	140	137	134	131	128	125
68	70	72	75	77	80	83	86	88	86	84	82	80	78	76	74	71	69	67	64	62	60
98	104	110	116	122	128	134	140	147	142	137	132	127	121	116	111	105	100	95	89	84	79
22	21	21	21	21	21	20	20	20	20	20	19	19	19	19	19	20	21	21	22	22	23
25	26	27	29	30	31	32	34	35	36	37	38	38	39	40	41	41	42	43	43	44	44
922	940	975	1021	1063	1107	1149	1191	1232	1255	1248	1242	1235	1227	1220	1215	1175	1141	1103	1066	1033	1000

SEPTEMBER

14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
159	166	174	182	189	196	203	206	210	213	217	220	224	227	224	221	218	215	213	210	208	205
11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13
42	43	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
56	57	58	59	60	62	64	66	67	68	69	70	71	68	64	61	58	54	51	48	44	41
52	53	53	53	53	53	53	53	52	52	52	52	51	51	51	51	50	50	50	50	50	50
25	26	27	28	29	30	30	29	29	28	28	28	27	27	26	26	26	25	25	25	25	25
194	191	188	185	182	179	176	173	169	166	163	159	156	153	149	146	143	139	136	133	133	133
9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	8	8
117	120	123	125	128	131	134	137	140	143	146	149	152	152	152	153	153	153	154	154	154	155
53	53	52	52	51	51	51	51	50	50	49	49	49	48	48	48	47	47	47	46	46	46
77	77	77	78	78	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	92	92
27	26	26	26	26	26	25	25	25	25	25	25	26	26	26	27	27	27	28	28	29	29
38	37	37	36	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
875	884	893	903	910	920	929	934	937	941	946	950	955	952	941	935	924	913	908	899	895	888

W TO BOISE RIVER

CHART NO. 12

OF 1968

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	450
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
324	338	326	313	300	287	274	262	250	239	228	217	207	196	185	174	171	7619
15	16	16	16	17	17	17	17	16	16	15	15	14	14	13	13	12	442
47	46	45	44	42	41	39	38	36	35	33	32	33	34	35	36	36	1357
95	104	112	121	130	138	147	155	147	139	131	123	115	107	99	91	84	2794
87	84	81	79	76	74	71	69	66	64	61	59	56	54	51	51	51	2142
25	24	23	22	22	21	21	20	20	19	18	17	17	16	15	16	17	668
199	205	211	217	223	229	235	242	239	236	233	230	227	224	221	218	215	5960
8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	267
126	129	132	135	137	139	141	143	140	137	134	131	128	125	122	120	118	3893
88	86	84	82	80	78	76	74	71	69	67	64	62	60	58	57	57	2181
147	142	137	132	127	121	116	111	105	100	95	89	84	79	74	74	75	3222
20	20	20	19	19	19	19	19	20	21	21	22	22	23	23	24	24	654
35	36	37	38	38	39	40	41	41	42	43	43	44	44	45	44	43	1041
1232	1255	1248	1242	1235	1227	1220	1215	1175	1141	1103	1066	1033	1000	965	942	927	32721
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	398
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
210	213	217	220	224	227	224	221	218	215	213	210	208	205	202	200	200	5861
12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	356
44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	1285
67	68	69	70	71	68	64	61	58	54	51	48	44	41	38	34	34	1757
52	52	52	52	51	51	51	51	50	50	50	50	50	50	50	50	50	1544
29	28	28	28	27	27	26	26	26	25	25	25	25	25	25	25	25	770
169	166	163	159	156	153	149	146	143	139	136	133	133	133	133	133	133	5039
10	10	10	10	10	10	10	10	9	9	9	9	9	8	8	8	8	278
140	143	146	149	152	152	152	153	153	153	154	154	154	154	155	155	155	4108
50	50	49	49	49	48	48	48	47	47	47	46	46	46	46	46	46	1506
81	82	83	84	85	86	87	88	89	90	91	92	92	92	92	92	92	2485
25	25	25	25	26	26	26	27	27	27	28	28	29	29	29	30	30	796
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	1073
937	941	946	950	955	952	941	935	924	913	908	899	895	888	883	878	878	27286

649 ACFT-103

541 ACFT-103

TRIBUTARY AND RETURN FLOW TO BOISE R

IRRIGATION SEASON OF 1968

NAME OF TRIBUTARY

OCTOBER

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BOISE SEWER	13	13	13	13	13	13	13	13	13	13	13	13	13	14		
DAVIS DRAIN	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
DIXIE DRAIN	198	195	192	190	188	186	184	182	180	178	175	173	171	169	167	165
DRAINAGE DISTRICT #3	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
EAGLE DRAIN	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
FIVE MILE CREEK	31	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
HARTLEY DRAIN	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
HARTLEY GULCH	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
INDIAN CREEK	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
MASON CREEK	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
MASON DRAIN	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155
NORTH MIDDLETON DRAIN	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
SOUTH MIDDLETON DRAIN	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
THURMAN DRAIN	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
WILLOW CREEK	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
TOTALS	873	868	865	863	861	859	857	855	853	851	848	846	844	843	796	298 296

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1960

OCTOBER

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
13	13	13	13	14																	
1	1	1	1	1																	
170	175	173	171	169	167	165	163	157	151	145	139	133	127	121	115	109	103	97	91	86	80
13	13	13	13	13	13																
44	44	44	44	44	44																
29	29	29	29	29	29																
50	50	50	50	50	50																
25	25	25	25	25	25																
133	133	133	133	133	133	133	133	133	133	133											
8	8	8	8	8	8																
155	155	155	155	155	155																
46	46	46	46	46	46																
92	92	92	92	92	92																
30	30	30	30	30	30																
34	34	34	34	34	34																
851	843	846	844	843	796	298	296	290	284	278	139	133	127	121	115	109	103	97	91	86	80

DOWN TO BOISE RIVER

OF 1968

CHART NO. 12

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
																	183
167	165	163	157	151	145	139	133	127	121	115	109	103	97	91	86	80	14
13																	4710
44																	195
																	660
29																	437
50																	750
25																	375
133	133	133	133	133	133												2660
8																	120
155																	2325
46																	690
92																	1380
34																	420
																	510
796	298	296	290	284	278	139	133	127	121	115	109	103	97	91	86	80	15429

300-351 = 24300 055-081
= 49.2 00-55

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 13

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

IRRIGATION SEASON 1968

	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTALS
BOISE RIVER AT DIVERSION DAM	163584	287394	268426	279694	180808	181840	58752	1420498
TRIBUTARY GAIN	17250	56996	55612	53220	65442	54572	30858	333950
TOTAL AVAILABLE	180834	344390	324038	332914	246250	236412	89610	1754448
DELIVERIES TO CANALS	180948	344874	328526	347018	235794	232674	85798	1755632
NET TRIBUTARY GAIN					10456	3738	3812	18006
SEEPAGE GAIN	114	484	4488	14104				19190
TOTAL SEEPAGE GAIN								1184

TABLE SHOWING BOISE RIVER AT DIVERSION DAM

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

(SECTION 1)

X BOISE RIVER AT DIVERSION DAM	154966	277590	258590	270470	176138	176236	57892	1371882
TRIBUTARY GAIN	2582	6404	6156	6284	5868	5730	2944	35968
TOTAL AVAILABLE	157548	283994	264746	276754	182006	181966	60836	1407850
DELIVERIES TO CANALS	151246	289352	274686	288326	192704	191604	62878	1450796
NET TRIBUTARY GAIN	6302							6302
SEEPAGE GAIN		5358	9940	11572	10698	9638	2042	49248
TOTAL SEEPAGE GAIN								42946

X MINUS BOISE RIVER PASSING CALDWELL HIGH LINE

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE

CHART NO. 14

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

(SECTION 2) 1968

	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTALS
BOISE RIVER AT CALDWELL HIGH LINE	8618	9804	9836	9224	4670	5604	860	48616
TRIBUTARY GAIN	10738	35550	35300	30682	44336	37120	18494	212220
TOTAL AVAILABLE	19356	45354	45136	39906	49006	42724	19354	260836
DELIVERIES TO CANALS	24744	45242	44864	49542	35678	39412	17030	250512
NET TRIBUTARY GAIN		112	272		13328	9312	2324	25348
SEEPAGE GAIN	5388			9636				15024
TOTAL TRIBUTARY GAIN								10324

SUMMARY TABLE SHOWING BOISE RIVER AT NOTUS

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

(SECTION 3) 1968

BOISE RIVER AT NOTUS	14134	18942	18962	10954	38230	10346	20519	132087
TRIBUTARY GAIN	3930	15042	14156	16254	15238	11722	9420	85762
TOTAL AVAILABLE	18064	33984	33118	27208	53468	22068	29939	217849
DELIVERIES TO CANALS	4958	10280	8976	9150	7412	7658	5890	54324
NET TRIBUTARY GAIN	13106	23704	24142	18058	46056	14410	24049	163525
RIVER PASSING PARMA	19086	32044	33790	26206	49780	30806	45348	237060
SEEPAGE GAIN	5980	8940	9648	8148	3724	16396	21299	73535

CHART NO. 15

[illegible]

CHART NO. 16

1968

[illegible]

ACRE FEET PER ACRE

1968

	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTAL	ACRE FEET PER ACRE
AVERAGE DAILY FLOW IN SECOND FEET	6.0	18.1	23.6	22.4	21.0	26.5	28.0	20.8	1955 3.00 1956 3.18 1957 3.15
TOTAL MONTHLY FLOW IN ACRE FEET	360	1122	1418	1392	1308	1592	840	8032	1958 2.74 1959 2.83 1960 3.01
ACRE FEET PER ACRE	.10	.45	.57	.59	.52	.64	.34	3.21	1961 2.42 1962 2.47 1963 2.69 1964 2.65 1965 2.28 1966 2.87 1967 3.10 1968 3.21

SUMMARY TABLE IN SECOND FEET

CHART NO. 17

SHOWING AVERAGE DAILY RETURN FLOW TO BOISE RIVER

RETURN FLOW TO ENTIRE RIVER

MONTH	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
APRIL	757	515	569	694	769	700	570	377	440	638	532	849	1003	345	289
MAY	1444	905	1424	1569	1110	1562	1879	1007	1254	894	1179	776	1226	702	927
JUNE	1814	1177	1578	1300	1601	1213	1461	998	946	1505	1625	1386	1416	682	1017
JULY	1483	1330	1322	1329	1266	1162	1318	878	1143	1180	1227	1327	1088	802	1086
AUGUST	1325	1211	1441	1337	1288	1484	1510	817	1164	1225	1412	1520	1064	867	1055
SEPTEMBER	1507	1349	1347	1338	1425	1379	1442	1096	1299	1481	1475	1430	1169	735	910
OCTOBER											1277	2922	1152	672	1028
AVERAGE	1388	1081	1280	1261	1243	1250	1363	862	1041	1154	1247	1459	1160	686	902

SUMMARY TABLE IN SECOND FEET

CHART NO. 17

SHOWING AVERAGE DAILY RETURN FLOW TO BOISE RIVER

RETURN FLOW TO ENTIRE RIVER

MONTH	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
APRIL	757	515	569	694	769	700	570	377	440	638	532	849	1003	345	289
MAY	1444	905	1424	1569	1110	1562	1879	1007	1254	894	1179	776	1226	702	927
JUNE	1814	1177	1578	1300	1601	1213	1461	998	946	1505	1625	1386	1416	682	1017
JULY	1483	1330	1322	1329	1266	1162	1318	878	1143	1180	1227	1327	1088	802	1086
AUGUST	1325	1211	1441	1337	1288	1484	1510	817	1164	1225	1412	1520	1064	867	1055
SEPTEMBER	1507	1349	1347	1338	1425	1379	1442	1096	1299	1481	1475	1430	1169	735	910
OCTOBER											1277	2922	1152	672	1028
AVERAGE	1388	1081	1280	1261	1243	1250	1363	862	1041	1154	1247	1459	1160	686	902

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

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

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

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

DRAINAGE DISTRICT NO. 3

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

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

DRAINAGE DISTRICT NO. 4

	INCHES
THURMAN MILL	570.98
RIDENBAUGH	51.34
WARM SPRINGS SLOUGH	127.68

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

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

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

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

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

DRAINAGE DISTRICT NO. 3

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

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

DRAINAGE DISTRICT NO. 4

	INCHES
THURMAN MILL	570.98
RIDENBAUGH	51.34
WARM SPRINGS SLOUGH	127.68

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

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

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

NO. OF CHANGE
OF POINT OF
DIVERSION

TABLE SHOWING CHANGE IN POINT OF DIVERSION

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

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

DATE OF CHANGE	PRIORITY NO.	DATE	NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	
4-2-1912	96	10-1-87	80		THOS. T. JOHNSTON	
7-31-1912					ALBERT F. CLEMONS	
8-26-1918			50	50	J. C. HUGHES	
7-15-1919	119	6-1-91		27	ED DAVIS	
4-3-1919			160	100	REBECCA BELL	
4-12-1918	35	6-1-67		19	DRAPER & OTHERS	
9-24-1915	57	6-1-72		52	SHAHER & OTHERS	
6-12-1918	57	6-1-72			GEORGE RAMBO	
9-26-1919					JAS. D. RUARK	TO I
3-31-1920	19	6-1-65		144	JOHN S. SWISHER	
3-31-1920	20	6-1-65		320	BIRD BOWMAN	FOOTE
4-24-1920	35	6-1-67		55½	H. G. DUDLEY	
12-2-1920	65	6-1-77	35	30	EDWARD MCCLINTICK	
3-18-1921	31	6-1-66		130	W. KENNEDY	
6-22-1921	31-B	6-1-66		30	MINNIE COUZENS	
12-21-1921	102	6-1-88		10	HARRY SEAVEY	
11-25-1924				25	DETWEED ETC. BANK	
3-12-1925	85-B	4-1-83		50	JACOB BINGHAM	
4-26-1925	8-A	4-1-65	80	40	ADOLPH BAHLER	
4-26-1925	47-A	4-1-70		40	ADOLPH BAHLER	
4-29-1926	85-A	6-1-82		36	LEO MARSTERS	
3-9-1926	65	6-1-77		40	J. C. RALPH	
5-7-1926				25	J. C. BRUCE	
6-23-1926	103			32½	IRA E. BARBER	NOT AP
10-3-1928					CHARLES JURRIES	SECRET
3-25-1931	31-A	6-1-66		115	WM MUSSER	
8-15-1930		6-1-65		40	WM BAXTER	
1-16-1932	89	11-9-83		35	R. E. MCGUIRE	
4-23-1934	85-D	5-1-83		3	CHAS. H. SCHMELZER	
12-18-1934		7-9-12			FISCHER POWER ONLY	BELOW F
1-8-1936		6-1-67		10	CORA M. CLIFTON	
10.1 4-17-1936	96	10-1-87		75	DORA GREER	DECREED
2-18-1937		5-1-93		6.75	J. H. CONE	
5-15-1937	47-A	4-1-70		40	ADOLPH BAHLER	
5-15-1937		5-1-95		50	ADOLPH BAHLER	
5-15-1937	8-A	4-1-65		40	ADOLPH BAHLER	
5-27-1939		6-1-65		5	RAYMOND T. BRESHEARS	
5-5-1940	103	6-1-88	?	32½	SID BARBER	
3-28-1944	103	6-1-88		12	FRANK M. RAY	
4-11-1944		6-1-83		85	WILBUR BRESHEARS	
4-18-1944		6-1-78		440	CHARLOTTIE D. ALLEN	
3-31-1945	51)	6-1-64)		12	IDAHO FISH & GAME DEPT.	
	52)	6-1-71)				
9-3-1954	89	11-9-83		45	J. E. HOUSTON	
12-17-54	114-A	5-1-89		80	ARNOLD C. CRAWFORTH	
6-30-58	89	11-9-83		30	J. E. EKBERG	TO BE
6-30-58		7-19-21		60	MARIE ECHEVARRIA & I. N. KESSINGER	
10-10-62	114-B	5-1-89		40	BERT L. TREDWAY	LICENS
1-18-66	89	11-9-83	70	70	JOHN E. EKBERG	O'DONN
3-10-66	89	11-9-83	25	25	EARL GILES	
12-20-61		10-28-06		200	HARVEY BURNETT	
6-10-68	53	6-1-71		90	CHARLES LITTLE	
9-23-68	31-C	6-1-66	55	55	MILTON SPARKS	

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

TRANSFERS OF DECREED RIGHTS

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES
	FROM	TO	NO.	DATE		
34	SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	15
34	"	"	122	6-1-91	3-16-1909)	
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100
38	AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-87	9-1-1909	605
45	SETTLERS	SETTLERS	92)	10-17-84	2-5-1910	10
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-91	2-4-1910	112
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	1475
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210
50	SETTLERS	SETTLERS	92)	10-17-84	6-7-1910	20
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	50
71	UPPER CENTER POINT	EUREKA NO. 2	24	6-1-65	3-14-1911	40
105	SIEBENBERG	CANYON DITCH	9	6-1-65	9-18-1912	25
111	EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	60
111	PIONEER DIXIE	HILLCREST	8	9-1-64)	11-25-1912)	1017
111	"	"	45	6-1-69)	11-25-1912)	
136	JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	1000
219	PIONEER IRRIG. DIST.	PIONEER IRRIG. DIST.			7-15-1918	432
300	MIDDLETON MILL	DRY CREEK	3)	6-1-64	4-20-1921	17.5
301	MIDDLETON MILL	DRY CREEK	120)	6-1-91	4-20-1921	77
347	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
349	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5-1925	10
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2
373	BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	18.7
374	MIDDLETON WATER #1	FARMERS UNION	65	6-1-77	5-6-1926	20
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13.3
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	8-13-1926	7.5
			54)	6-1-71)		
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20
393	MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	9-15-1926	14.4
393	MIDDLETON MILL	FARMERS UNION	54)	6-1-71)		
393	MIDDLETON MILL	FARMERS UNION	120)	6-1-91)		
393	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25
412	THURMAN	SETTLERS	81	6-1-82	12-2-1927	20
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5
466	RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	445
468	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5
477	SETTLERS	SETTLERS	92	10-17-84	11-18-1929	10
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-1934	15
542	FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.37
595	JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	10
595	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10
608	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	50
644	RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	50
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

<u>PRIORITY</u> <u>NO.</u>	<u>DATE</u>	<u>DATE OF</u> <u>TRANSFER</u>	<u>QUANTITY</u> <u>IN INCHES</u>	<u>BY WHOM</u> <u>TRANSFERRED</u>	<u>REMARKS</u>
92	10-17-84	3-16-1909)	15	WALTER S. BRUCE	
122	6-1-91	3-16-1909)			
96	10-1-87	4-19-1909	100	C. H. ROSENBERGER	CHANGE IN POINT OF
96	10-1-87	9-1-1909	605	WM. M. MESSLER	
92)	10-17-84	2-5-1910	10	J. E. MOORE	
50	6-1-90	2-4-1910	112	BARBER LUMBER CO.	
96	10-1-87	3-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF
96	10-1-87	3-31-1910	210	NICHOLS & COOPER	CHANGE IN POINT OF
92)	10-17-84	6-7-1910	20	J. P. CLEEK	
122)	6-1-91	11-14-1910	50	J. A. CARTRIGHT	CHANGE IN POINT OF
96	10-1-87				CHANGE IN POINT OF
24	6-1-65	3-14-1911	40	J. D. ROLAND	
9	6-1-65	9-18-1912	25	H. E. MEEK	
96	10-1-87	11-25-1912	60	H. L. RANDALL & OTHERS	
8	9-1-64)	11-25-1912)	1017	H. L. RANDALL & OTHERS	
45	6-1-69)	11-25-1912)			
2	6-1-64	6-8-1914	1000	BOISE FRUIT TRACT CO.	
		7-15-1918	432	PIONEER IRRIG. DIST.	LICENSED RIGHT INDI
3)	6-1-64	4-20-1921	17.5	EMMA M. FOWLER	
54)	6-1-71	4-20-1921	77	JOHN F. GROOME	
120)	6-1-91				
3	6-1-64	2-6-1925	7	C. E. WHITE	
3	6-1-64	2-6-1925	7	FRANK WEASEL	
3	6-1-64	2-6-1925	7	CARL A. GISH	
65	6-1-77	5-1925	10	NELLIE B. WHITAKER	
33	6-1-66	3-16-1926	56.2	HENRY W. BARTLETT	
33	6-1-66	4-26-1926	18.7	L. A. RICE	
65	6-1-77	5-6-1926	20	H. D. PARKS	
65	6-1-77	5-6-1926	10	A. G. WING	
65	6-1-77	7-8-1926	20	MARY F. LEACH	
65	6-1-77	7-8-1926	13.3	H. E. MCCONNELL	
65	6-1-77	7-8-1926	20	H. W. BARTLETT	
65	6-1-77	7-8-1926	20	E. E. SMITH	
3)	6-1-64)	8-13-1926	7.5	RUSH CHASE	
54)	6-1-71)				
65	6-1-77	8-21-1926	20	FRED EGGERS	
3)	6-1-64)	9-15-1926	14.4	A. C. BOWERMAN	
54)	6-1-71)				
120)	6-1-91)				
65	6-1-77	11-16-1926	25	G. R. MCGUIRE	
81	6-1-82	12-2-1927	20	CHAS. P. MACE	
65	6-1-77	7-2-1928	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATE
106	8-20-88	7-6-1929	445	W. H. TULLER	
65	6-1-77	7-12-1929	5	C. C. WOOD	
92	10-17-84	11-18-1929	10	CHASE N. WALKER	
92	10-17-84	4-7-1930	3	FRANK P. WEASEL	
1	6-1-64	5-27-1932	50	W. SCOTT ANDERSON	
1	6-1-64	5-27-1932	25	FARMERS UNION DITCH	
1	6-1-64	5-15-1934	15	A. B. WHITNEY	
2	6-1-64	12-31-1934	34.37	FEDERAL LAND BANK	
1	6-1-64	9-9-1938	10	BOISE TRUST CO.	SOMERMEIR
1	6-1-64	9-9-1938	10	BOISE TRUST CO.	FALK
88	6-1-83	4-29-1940	50	W. F. TRACY	
88	6-1-83	11-12-1942	35	S. E. SMITH	
30	5-1-66	10-18-1943	25	W. W. HOWELL	LARSON TRACT
30	5-1-66	10-18-1943	50	W. W. HOWELL	HAMMING TRACT
30	5-1-66	10-18-1943	25	W. W. HOWELL	BUDGE TRACT

BY WHOM	REMARKS
WALTER S. BRUCE	
C. H. ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
WM. M. MESSLER	
J. E. MOORE	
BARBER LUMBER CO.	
AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
J. P. CLEEK	
J. A. CARTRIGHT	CHANGE IN POINT OF DIVERSION
J. D. ROLAND	CHANGE IN POINT OF DIVERSION ONLY
H. E. MEEK	
H. L. RANDALL & OTHERS	
H. L. RANDALL & OTHERS	
BOISE FRUIT TRACT CO.	
PIONEER IRRIG. DIST.	LICENSED RIGHT INDIAN CREEK
EMMA M. FOWLER	
JOHN F. GROOME	
C. E. WHITE	
FRANK WEASEL	
CARL A. GISH	
NELLIE B. WHITAKER	
HENRY W. BARTLETT	
L. A. RICE	
H. D. PARKS	
A. G. WING	
MARY F. LEACH	
H. E. MCCONNELL	
H. W. BARTLETT	
E. E. SMITH	
RUSH CHASE	
FRED EGGERS	
A. C. BOWERMAN	
G. R. MCGUIRE	
CHAS. P. MACE	
O. E. ALLISON	FORMERLY MIDDLETON WATER
W. H. TULLER	
C. C. WOOD	
CHASE N. WALKER	
FRANK P. WEASEL	
W. SCOTT ANDERSON	
FARMERS UNION DITCH	
A. B. WHITNEY	
FEDERAL LAND BANK	
BOISE TRUST CO.	SOMERMEIR
BOISE TRUST CO.	FALK
W. F. TRACY	
S. E. SMITH	
W. W. HOWELL	LARSON TRACT
W. W. HOWELL	HAMMING TRACT
W. W. HOWELL	BUDGE TRACT

NO. OF INCHES	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES
	FROM	TO	NO.	DATE		
880	RIVERSIDE	PIONEER DIXIE	88	6-1-83		
884	CONSUMERS	SETTLERS	30	5-1-66	4-11-1944	
884	"	"	30	5-1-66	4-29-1946	30
884	"	"	30	5-1-66	4-29-1946	8
884	"	"	30	5-1-66	4-29-1946	6
884	"	"	30	5-1-66	4-29-1946	7
884	"	NEW YORK	30	5-1-66	4-29-1946	
884	"	SETTLERS	30	5-1-66	12-20-1946	13
884	"	"	30	5-1-66	12-20-1946	100
884	"	"	30	5-1-66	6-14-1947	30
884	"	"	30	5-1-66	6-14-1947	10
884	"	"	30	5-1-66	6-14-1947	10
884	"	NEW DRY CREEK	30	5-1-66	6-14-1947	25
884	"	FARMERS CO-OP	30	5-1-66	6-14-1947	27
884	STEBENBERG	SETTLERS	9	6-1-65	11-25-1947	
884	CONSUMERS	"	30	5-1-66	5-4-1948	32
884	"	"	30	5-1-66	5-4-1948	10
884	"	"	30	5-1-66	5-4-1948	10
884	"	"	30	5-1-66	5-4-1948	7
884	"	"	30	5-1-66	5-4-1948	10
884	"	"	30	5-1-66	5-4-1948	20
884	THURMAN MILL	"	30	5-1-66	5-4-1948	10
884	CONSUMERS	"	37	6-1-68	3-9-1949	50
884	"	"	30	5-1-66	3-9-1949	55
884	"	"	30	5-1-66	4-2-1949	7.5
884	"	"	30	5-1-66	4-14-1950	23
884	"	MIDDLETON MILL	30	5-1-66	4-14-1950	20
884	HILLCREST	NEW YORK	8	9-1-64	3-28-1952	1000
884	"	"	45	6-1-69	3-28-1952	17
884	"	"	96	10-1-87	3-28-1952	60
884	CONSUMERS	"	30	5-1-66	7-13-1954	300
884	"	SETTLERS	30	5-1-66	9-3-1954	24
884	THURMAN MILL	"	36	6-1-68	10-2-1956	14.4
884	"	"	36	6-1-68	10-2-1956	11
884	CONSUMERS	"	30	5-1-66	10-2-1956	10
884	"	"	30	5-1-66	7-11-1957	5
884	"	"	30	5-1-66	4-3-58	5
884	"	"	30	5-1-66	12-15-58	10
884	"	"	30	5-1-66	12-15-58	1.25
884	"	"	30	5-1-66	2-15-60	2.5
884	"	NEW YORK	30	5-1-66	1-17-62	75
884	"	SETTLERS	30	5-1-66	1-17-62	10
884	"	"	30	5-1-66	2-23-62	5
884	"	"	30	5-1-66	2-23-62	6
884	"	"	30	5-1-66	5-29-62	10
884	"	"	30	5-1-66	7-5-62	4
884	"	"	30	5-1-66	7-5-62	8
884	"	NEW YORK	30	5-1-66	4-17-63	50
884	"	DRAIN DITCH	73-A	4-1-80	5-16-63	5
884	NEW DRY CREEK	NEW YORK	30	5-1-66	6-14-63	100
884	CONSUMERS	RIVER	30	5-1-66	6-3-63	150
884	"	NEW YORK	30	5-1-66	9-26-63	30
884	"	MORE'S CREEK	30	5-1-66	9-4-64	100
884	"	PHYLLIS	30	5-1-66	10-28-64	1085.75
884	"	FARMERS UNION	33	6-1-66	5-20-65	4.38
884	ROUSE CITY	"	33	6-1-66	10-28-65	5.00
884	"	"	30	5-1-66	10-13-66	100
884	MORE'S CREEK	NEW YORK	30	5-1-66		

TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

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ITY DATE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
6-1-83	4-11-1944	30	D. W. BALDWIN	
5-1-66	4-29-1946	8	W. W. HOWELL	KENNETH O. EARL
5-1-66	4-29-1946	6	"	L. R. FEWKES
5-1-66	4-29-1946	7	"	D. G. STARK
5-1-66	4-29-1946	13	"	G. W. KYLE
5-1-66	12-20-1946	100	"	REX JENSON (BOISE-KUNA IRRIG. DIST.)
5-1-66	12-20-1946	30	"	MRS. EDITH CURTIS
5-1-66	6-14-1947	10	"	CLYDE SIMPSON
5-1-66	6-14-1947	10	"	JOHN DEMOND
5-1-66	6-14-1947	25	"	LEN SIMPSON
5-1-66	6-14-1947	27	"	J. S. BEEDE
6-1-65	11-25-1947	32	R. M. TUCKER	
5-1-66	5-4-1948	10	W. W. HOWELL	W. E. DOTY
5-1-66	5-4-1948	10	"	TOM ERQUIAGA
5-1-66	5-4-1948	7	"	LOUIS ODERMOTT
5-1-66	5-4-1948	10	"	W. H. CALDWELL
5-1-66	5-4-1948	20	"	NORMAN C. STEELE
5-1-66	5-4-1948	10	"	GEORGE BERT ROYLANCE
6-1-68	3-9-1949	50	AIRCRAFT SERVICE CO.	
5-1-66	3-9-1949	55	W. W. HOWELL	
5-1-66	4-2-1949	7.5	"	
5-1-66	4-14-1950	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
5-1-66	4-14-1950	20	J. R. FIELD	BRINK TRACT
9-1-64	3-28-1952	1000	FOREST SOWER	
6-1-69	3-28-1952	17	"	
10-1-87	3-28-1952	60	"	
5-1-66	7-13-1954	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
5-1-66	9-3-1954	24	"	10" TO THE GOLDEN KENT TRACT AND 14"
6-1-68	10-2-1956	14.4	J. FRANK BRYCE	
6-1-68	10-2-1956	11	GEORGE D. KEYSER, JR.	
5-1-66	10-2-1956	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
5-1-66	7-11-1957	5	FRANCIS H. NEITZEL	R. S. POTTER TRACT
5-1-66	4-3-58	5	" "	R. W. WHITE TRACT
5-1-66	12-15-58	10	" "	EDWARD C. MAW & F. LEROY SPRAGUE TRACT
5-1-66	12-15-58	1.25	" "	H. P. IRBY TRACT
5-1-66	2-15-60	2.5	" "	EARL M. & DELLA LUKEHART TRACT
5-1-66	1-17-62	75	G. S. TAYLOR	SYNMS FRUIT RANCH, INC.
5-1-66	1-17-62	10	"	EVERETT RAMBO TRACT
5-1-66	2-23-62	5	"	R. E. DAISY M. THOMPSON TRACT
5-1-66	2-23-62	6	"	CHESNEY LITTLE TRACT
5-1-66	5-29-62	10	"	THERION E. CHRISTENSEN TRACT
5-1-66	7-5-62	4	"	LYLE F. TRAPP TRACT
5-1-66	7-5-62	8	"	CHARLES G. HYDE TRACT
5-1-66	4-17-63	50	"	GLENN DRAPER
4-1-80	5-16-63	5	NEW DRY CREEK	R. B. BETTY
5-1-66	6-14-63	100	G. S. TAYLOR	JOHN DOBSON
5-1-66	6-3-63	150	"	SURPRISE VALLEY FARMS
5-1-66	9-26-63	30	"	FRANCIS HERMAN
5-1-66	9-4-64	100	"	CARL NICHOLSON
5-1-66	10-28-64	1085.75	"	PIONEER IRRIGATION DIST.
6-1-66	5-20-65	4.38	BOISE CITY CANAL	LEATHERMAN & BINGMAN
6-1-66	10-28-65	5.00	"	W. T. & HATTIE M. SPRINGER
5-1-66	10-13-66	100	CARL NICHOLSON	

BY WHOM
TRANSFERRED

REMARKS

D. W. BALDWIN

W. W. HOWELL

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R. M. TUCKER

W. W. HOWELL

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AIRCRAFT SERVICE CO.

W. W. HOWELL

"

J. R. FIELD

J. R. FIELD

FOREST SOWER

"

"

G. S. TAYLOR

"

J. FRANK BRYCE

GEORGE D. KEYSER, JR.

G. S. TAYLOR

FRANCIS H. NEITZEL

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G. S. TAYLOR

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NEW DRY CREEK

G. S. TAYLOR

"

"

"

"

BOISE CITY CANAL

"

CARL NICHOLSON

KENNETH O. EARL

L. R. FEWKES

D. G. STARK

G. W. KYLE

REX JENSON (BOISE-KUNA IRRIG. DIST.)

MRS. EDITH CURTIS

CLYDE SIMPSON

JOHN DEMOND

LEN SIMPSON

J. S. BEEDE

W. E. DOTY

TOM ERQUIAGA

LOUIS ODERMOTT

W. H. CALDWELL

NORMAN C. STEELE

GEORGE BERT ROYLANCE

8" HAGER TRACT, 15" KIMBLE TRACT
BRINK TRACT

BOISE-KUNA IRRIGATION DIST.
10" TO THE GOLDEN KENT TRACT AND 14" TO THE EDMUND BUCKLEY TRACT

THEODORE L. JOHNSON TRACT

R. S. POTTER TRACT

R. W. WHITE TRACT

EDWARD C. MAW & F. LEROY SPRAGUE TRACT

H. P. IRBY TRACT

EARL M. & DELLA LUKEHART TRACT

SYMMS FRUIT RANCH, INC.

EVERETT RAMBO TRACT

R. E. DAISY M. THOMPSON TRACT

CHESNEY LITTLE TRACT

THERION E. CHRISTENSEN TRACT

LYLE F. TRAPP TRACT

CHARLES G. HYDE TRACT

GLENN DRAPER

R. B. BETTY

JOHN DOBSON

SURPRISE VALLEY FARMS

FRANCIS HERMAN

CARL NICHOLSON

PIONEER IRRIGATION DIST.

LEATHERMAN & BINGMAN

W. T. & HATTIE M. SPRINGER

STEWART DECREE

NO.	DATE	NAME	AMOUNT DECREED	
			SEC.	FT. INCHES
1.	6-1-64	THOMAS DAVIS	2.20	110
2.	6-1-64	JACOBS CANAL CO.	20.00	1000
3.	6-1-64	MIDDLETON MILL DITCH	12.80	640
4.	6-1-64	THOMAS ANDREWS	3.30	165
5.	6-1-64	CATLIN & MACE	2.86	143
6.	6-1-64	T. C. CATLIN	3.30	165
7.	6-1-64	C. C. HAVIRD	3.30	165
8.	X9-1-64	PIONEER DIXIE DITCH CO.	20.00	1000
9.	X6-1-65	SIEBENBERG DITCH CO.	13.42	671
10.	6-1-65	ALLEN V. WEBSTER	1.20	60
11.	6-1-65	J. F. YARYAN	.66	33
12.	6-1-65	GRAHAM & GILBERT	4.40	220
13.	6-1-65	EUREKA WATER CO.	33.32	1666
14.	6-1-65	NEW UNION DITCH CO.	13.76	688
15.	6-1-65	BOISE VALLEY IRRIG. DITCH CO.	54.58	2729
16.	6-1-65	RIDENBAUGH & ROSSI	9.20	460
17.	6-1-65	RIDENBAUGH & ROSSI (POWER)	265.80	13290
18.	6-1-65	DENVER & IDAHO LAND CO.	.80	40
19.	X6-1-65	MARTHA BOWMAN	2.88	144
20.	X6-1-65	BIRD BOWMAN	6.40	320
21.	X6-1-65	G. W. GESS	2.90	145
22.	X6-1-65	ROBERT MCGUIRE	3.20	160
23.	X6-1-65	G. W. COOPER	3.20	160
24.	X6-1-65	J. W. ROLAND	2.40	120
25.	X6-1-65	DRAPER & WELLS	3.94	197
26.	X6-1-65	THOMAS J. PALMER	1.60	80
27.	X6-1-65	NOAH W. PALMER	1.58	79
28.	X6-1-65	J. N. TUCKER	7.00	350
29.	X6-1-65	THOMAS ANDREWS	6.00	300
30.	5-1-66	J. PERRAULT & R. JOHNSON	50.00	2500
31.	6-1-66	WILLIAM P. KENNEDY	2.60	130
32.	6-1-66	MANVILLE & LEONARD	3.50	175
33.	6-1-66	BOISE CITY CANAL CO.	38.06	1903
34.	6-1-66	FRANKLIN DITCH CO.	15.40	770
35.	6-1-67	CANYON CO. WATER CO.	75.80	3790
36.	6-1-68	MARTHA E. MCCARTHY	14.10	705
37.	6-1-68	H. D. & DORA GOODMAN	3.70	185
38.	X6-1-68	T. T. JOHNSON	3.20	160
39.	X6-1-68	ROSS, ALLEN, DILLEY & ROSS	8.54	427
40.	6-1-68	S. S. GRAY	1.40	70
41.	X6-1-69	JOHN MAMMON	1.80	90
42.	6-1-69	ISAAC REDAL	1.60	80
43.	X6-1-69	FREDERICH ODE	3.60	180
44.	X6-1-69	PRIOR BURNETT	8.50	425
45.	X6-1-69	PIONEER DIXIE DITCH CO.	35.44	1772

NO.	DATE	NAME	
46.	6-1-69	MASON CREEK DITCH CO.	
47.	X6-1-69	T. W. BOONE	
50.	6-1-70	BARBER LUMBER CO.	
48.	6-1-70	W. J. HAMMING	
49.	6-1-70	PIONEER CANAL	
51.	X6-1-70	THOMAS ANDREWS	
52.	6-1-71	CATLIN & MACE	
53.	6-1-71	PETER MEEVES	
54.	6-1-71	MIDDLETON MILL DITCH CO.	
55.	6-1-72	J. F. YARYAN	
56.	6-1-72	J. F. YARYAN	
57.	6-1-72	MARY C. DAVIS	
58.	6-1-72	EDWARD N. HART	
59.	X6-1-74	J. W. BOONE	
60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	
61.	6-1-76	EDWARD & MARY CLARK	
62.	6-1-76	JOHN CECIL	
63.	6-1-77	THOMAS AIKENS	
64.	6-1-77	W. H. CONWAY	
65.	6-1-77	MIDDLETON WATER CO.	
66.	7-1-77	PERRAULT & JOHNSON (POWER)	
67.	5-1-78	NAMPA MERIDIAN IRRIG. DIST.	
68.	X6-1-78	JOHN MAMMON	
69.	X6-1-78	JULIA MAMMON	
70.	X6-1-78	CHARLES ALLEN	
71.	X6-1-78	R. H. STOCKTON	
72.	6-1-79	NEW DRY CREEK DITCH CO.	
73.	X6-1-79	D. MUMFORD	
74.	X6-1-80	SMITH STOCKTON	
75.	6-1-80	ISHAM JOPLIN	
76.	10-20-80	JOSEPH GOBLE	
77.	10-29-80	FRANKLIN DITCH CO.	
78.	6-1-82	ALLEN V. WEBSTER	
79.	6-1-82	SUSIE CAMPBELL	
80.	6-1-82	J. T. BARBER	
81.	6-1-82	SONORA JOPLIN	
82.	6-1-82	S. W. HUTCHINSON	
83.	6-1-82	JOHNSON	
84.	6-1-82	ANDREW J. JOPLIN	2
85.	6-1-82	JAMES L. GRAHAM	2
86.	X6-1-83	FARMERS CO-OP. DITCH	20.
87.	6-1-83	FRANCIS M. JOPLIN	.
88.	X6-1-83	W. A. BLACK	12.
89.	X11-9-83	EUREKA DITCH CO. No. 2	21.
90.	6-1-84	PIONEER IRRIG. DIST.	53-1

STEWART DECREE

CH

2.	DATE	NAME	AMOUNT DECREED		NO.	DATE	NAME	AMOUN
			SEC. FT.	INCHES				SEC. F
6.	6-1-69	MASON CREEK DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00
7.	X6-1-69	T. W. BOONE	3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.06
8.	6-1-70	BARBER LUMBER CO.	2.24	112	93.	6-1-86	NEW DRY CREEK DITCH	15.22
9.	6-1-70	W. J. HAMMING	2.60	130	94.	6-1-86	THOMAS DAVIS	13.40
10.	6-1-70	PIONEER CANAL	25.72	1286	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00
11.	X6-1-70	THOMAS ANDREWS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80
12.	6-1-71	CATLIN & MACE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86
13.	6-1-71	PETER MEEVES	1.80	90	98.	6-1-88	A. V. LINDER	4.00
14.	6-1-71	MIDDLETON MILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH	1.30
15.	6-1-72	J. F. YARYAN	.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40
16.	6-1-72	J. F. YARYAN	1.40	70	101.	6-1-88	ED. J. LINDER	1.46
17.	6-1-72	MARY C. DAVIS	4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20
18.	6-1-72	EDWARD N. HART	3.30	165	103.	6-1-88	JESSIE WILSON	1.40
19.	X6-1-74	J. W. BOONE	2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90
20.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00
21.	6-1-76	EDWARD & MARY CLARK	2.30	115	106.	8-20-88	NAMPA MERIDIAN IRRIG. DIST.	370.84
22.	6-1-76	JOHN CECIL	.44	22	107.	5-1-89	CHAS. S. MILLER	.06
23.	6-1-77	THOMAS AIKENS	5.20	260	108.	5-1-89	LOMMIS S. HOSELEY	.02
24.	6-1-77	W. H. CONWAY	.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40
25.	6-1-77	MIDDLETON WATER CO.	114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00
26.	7-1-77	PERRAULT & JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94
27.	5-1-78	NAMPA MERIDIAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05
28.	X6-1-78	JOHN MAMMON	4.20	210	113.	5-1-89	GRACE CALL	.10
29.	X6-1-78	JULIA MAMMON	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03
30.	X6-1-78	CHARLES ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN	.06
31.	X6-1-78	R. H. STOCKTON	4.40	220	116.	6-1-89	SONORA JOPLIN	1.20
32.	6-1-79	NEW DRY CREEK DITCH CO.	31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT	200.00
33.	X6-1-79	D. MUMFORD	4.00	200	118.	6-1-91	W. H. CONWAY	2.20
34.	X6-1-80	SMITH STOCKTON	1.76	88	119.	6-1-91	THOMAS DAVIS	.54
35.	6-1-80	ISHAM JOPLIN	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00
36.	10-20-80	JOSEPH GOBLE	.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50
37.	10-29-80	FRANKLIN DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	73.44
38.	6-1-82	ALLEN V. WEBSTER	.90	45	123.	6-1-91	THOMAS AIKEN	.80
39.	6-1-82	SUSIE CAMPBELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00
40.	6-1-82	J. T. BARBER	1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76
41.	6-1-82	SONORA JOPLIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00
42.	6-1-82	S. W. HUTCHINSON	.44	22	127.	5-1-95	CHARLES REIN & JANE KEOH	1.00
43.	6-1-82	JOHNSON	.44	22	128.	7-1-95	MATHEW CASEY	.66
44.	6-1-82	ANDREW J. JOPLIN	2.86	143	129.	X7-1-96	FARMERS CO-OP. DITCH CO.	83.50
45.	6-1-82	JAMES L. GRAHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00
46.	X6-1-83	FARMERS CO-OP. DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10
47.	6-1-83	FRANCIS M. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00
48.	X6-1-83	W. A. BLACK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00
49.	X11-9-83	EUREKA DITCH CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54
50.	6-1-84	PIONEER IRRIG. DIST.	53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34

AMOUNT DECREED
SEC. FT. INCHES

NO. DATE NAME

AMOUNT DECREED
SEC. FT. INCHES

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

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 85

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
BOISE VALLEY LICENSED RIGHT #15242			15	6-1-1865	54.58			2729
		243		7-19-1921			(1.20)	60
								55.79
BOONE DITCH			28	6-1-1865	7.00			350
			47	6-1-1869	3.50			175
			59	6-1-1874	2.20			110
								12.70
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144
	51		20	6-1-1865	6.40			320
	127*		20	6-1-1865	.80*			40*
	224		89	11-9-1883	.90			45
								9.38
BUBB (SOUTH BOISE MUTUAL)			107	5-1-1889	.06			3
			108	5-1-1889	.02			1
			109	5-1-1889	2.40			120
			110	5-1-1889	6.00			300
			111	5-1-1889	2.94			147
			112	5-1-1889	.05			2.5
			113	5-1-1889	.10			5
			114	5-1-1889	.03			1.5
	8-B			4-1-1865		1.80		90
	8-D			4-1-1865		.50		25
	50-A			1870		1.00		50
	106-A			3-1-1889		.84		42
				4-1-1905			5.40	270
								21.14

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SIG. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
CALDWELL HIGH LINE			34	6-1-1866	15.40			770
			46	6-1-1869	37.20			1660
			77	10-29-1880	27.60			1380
	29*		46	6-1-1869	1.00*			50* 79.20
CAMPBELL (CANYON DITCH CO.)			132	5-17-1900	10.00			500
			134	10-25-1901	5.54			277
			38 96	10-1-1887	12.10			605
			105 9	6-1-1865	.50			25 28.14
CANYON COUNTY			35	6-1-1867	75.80			3190
			35-A	6-1-1867		1.76		88
			46	6-1-1869	1.00			50
	29		35	6-1-1867	.38*			19*
	36*		35	6-1-1867	1.11*			55.5*
	54*		31	6-1-1866	2.60			130
	59				.50			25
	75		35	6-1-1867	.20			10 80.37
DAVIS (LITTLE DAVIS)			94	6-1-1886	15.40			670
			119	6-1-1891	.54			27 13.94

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
EAGLE ISLAND CANALS									
AIKEN			63	6-1-1877	5.20			260	5.20
CONWAY & HAMMING			48	6-1-1870	2.60			130	
			64	6-1-1877	.90			45	
			118	6-1-1891	2.20			110	5.70
GRAHAM & GILBERT			12	6-1-1865	4.40			220	4.40
			6	6-1-1864	3.30			165	
HART & DAVIS			57	6-1-1872	4.40			220	
			58	6-1-1872	3.30			165	
	38*) 39*)				1.04*			52*	9.96
LEMP DITCH			B-C	1865			6.00	300	6.00
			5	6-1-1864	2.86			143	
MACE & CATLIN			52	6-1-1871	7.86			393	
			51	6-1-1864				12*	
	179*		52)	6-1-1871	.24*		.44	22	10.92
			138	6-14-1912					
MACE & MACE			137	5-1-1909			1.76	88	1.76
								52	
SEVEN SUCKERS	38)				1.04			12	
	39)		51	6-1-1864	.24				1.28
	179		52)	6-1-1871					

*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			TOTAL SEC. FT.	
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE		INCHES
<u>EAGLE ISLAND CANALS</u>									
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	
			81	6-1-1882	.80			40	
			115	6-1-1889	.06			3	
			116	6-1-1889	1.20			60	10.40
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	
					6-1-1865	.50		25	
	85							60*	
		111*	96	10-1-1887	1.20*			35*	
			89	11-9-1883	.70*			5	
	131*			6-1-1865	.10			85	
	159			6-1-1883	1.70			45*	
	175		88	11-9-1883	.90*			30*	
	224*		89	11-9-1883	.60*			70*	
	245*		89	11-9-1883	1.40*			25*	50.00
	287*		89	11-9-1883	.50*				
	289*								

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 23

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SECS. F.F.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
FARMERS UNION			126	7-2-1894	110.00			1800
		136	2	6-1-1864	20.00			1000
		370	33	6-1-1866	1.124			38.2
		373	33	6-1-1866	.374			18.7
		374	65	6-1-1877	.40			20
		375	65	6-1-1877	.20			10
		384	65	6-1-1877	.40			20
		385	65	6-1-1877	.266			13.3
		386	65	6-1-1877	.40			20
		387	65	6-1-1877	.40			20
		391	31	6-1-1864				7.3
		391	54	6-1-1871	.15			
		393	31	6-1-1864				14.4
		393	54	6-1-1871	.288			
		393	1201	6-1-1891				23
		395	65	6-1-1877	.50			18.3*
		430*	65	6-1-1877	.23*			40
			65	6-1-1877	.80			30
	84			6-1-1864	1.00			23
		512	1	6-1-1864	.50			13
		513	1	6-1-1864	.30			
		530	1	7-2-1894			34.46	2723
				6-1-1866	.0875			4.373
	1048		33	6-1-1866	.10			3
	1039		33	6-1-1866				191.4993
WAAS DITCH	176		39	6-1-1868	8.54			427
			70	6-1-1878	8.80			440
								17.34
ISLAND HIGH LINE			71-A	4-1-1879		5.00		150
			137-A	4-1-1910		7.00		350
			139	4-1-1915		10.00		500
								20.00
LARSEN-BAXTER-LEMP	127		73-B	1880		3.20		160
			20	6-1-1865	.80			40
								4.00
LAWRENCE & KENNEDY	1575*		31-C	6-1-1866		1.18*		33
(DOES NOT DIVERT FROM RIVER)			21-C	6-1-1866				33
								66
LITTLE PIONEER	1575		49	6-1-1870	23.72			1068
			31-C	6-1-1866		1.10		33
								25.70
								26.84

*SUBTRACT

CHART NO. 25

					AMOUNT DECREED				
NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	STEWART	INTERVENORS	BRYAN	INCHES	TOTAL
					DECREE	STEWART DECREE	DECREE		SEC. FT.
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
			19	6-1-1865	2.88*				144*
	50*		20	6-1-1865	6.40*				320*
	51*		89	11-9-1883	.70				35
	131		89	11-9-1883	.60				30
	245		89	11-9-1883	1.40				70
	287								19.60
MAMMON			41	6-1-1869	1.80				90
			68	6-1-1878	4.20				210
			69	6-1-1878	3.36				168
			70	6-1-1878	8.80				440
			70	6-1-1878	8.80*				440*
	176*								9.36
MEEVES			53	6-1-1871	1.80				90
									1.80
MIDDLETON MILL			3	6-1-1864	12.80				640
			40	6-1-1868	1.40				70
			54	6-1-1871	33.70				1685
			120	6-1-1891	17.00				850
			35	6-1-1867	1.11				55.5
					.50*				25*
					.20*				10*
	54		35	6-1-1867					
	75*		300*	31	6-1-1864				17.5*
	147*		300*	54)	6-1-1871	.35*			
			300*	120)	6-1-1891				
			301*	31	6-1-1864				77*
			301*	54)	6-1-1871	1.54*			
			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*	31	6-1-1864				7.5*
			391*	54)	6-1-1871	.15*			
			393*	31	6-1-1864	.288*			14.4*
		393*	54)	6-1-1871					
		393*	120)	6-1-1891				20	
		754	30	5-1-1866	.40			80	
		123-A	5-15-1893					64.562	
						1.60			

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

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

MISCELLANEOUS

R. B. BETTY	1009	73-A	5-1-1866		.10			5	.10
CRAWFORTH PUMP 227		114-A	5-1-1889			1.60		80	1.60
MANVILLE-LEONARD		32	6-1-1866		3.50			175	3.50
MARSTERS DITCH		85-A	6-1-1882			1.76		88	
83*		85-A	6-1-1882			.72*		36*	1.04
MC CURRY PUMP (LICENCED RIGHT #33487)			2-22-1967			(.56)		28	.56
MC MANUS & TEATER			4-1-1910				3.36	168	3.36
KARL 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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES
NEW DRY CREEK			72	6-1-1879	31.32			1566
			93	6-1-1886	15.22			761
			97	6-1-1888	7.86			393
			129-A	4-1-1897		.54		27
			73-A	4-1-1880		.54		27
			74-A	6-1-1880		1.816		90.8
			85-C	5-1-1883		.2232		11.16
			85-E	5-1-1883		.385		19.25
			124-A	5-1-1893		.825		41.25
		300	31	6-1-1864				17.5
		300	54)	6-1-1871	.35			
		300	120)	6-1-1891				
		301	31	6-1-1864				77
		301	54)	6-1-1871	1.54			
		301	120)	6-1-1891				10
	64		102	6-1-1888	.20			3.5
	140		85-D	5-1-1883		.07		6.75*
	151*		124-A	5-1-1893		.135*		32.5
	161		103	6-1-1888	.65			12
	174		103	6-1-1888	.24			27
		713	30	5-1-1866	.54			5*
	1009*		73-A	4-1-1880		.10*		62.0842
NEW UNION								688
			14	6-1-1865	13.76			13.76

*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		
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)				60	
		111	96 10-1-1887	1.20			445	
		466	106 8-20-1888	8.90			100	
		701	30 5-1-1866	2.00			300	
		823	30 5-1-1866	6.00			75	
		976	30 5-1-1866	1.50			50	
		1007	30 5-1-1866	1.00			100	
		1010	30 5-1-1866	2.00			30	
		1017	30 5-1-1866	.60			100	2604.58
		1074	30 5-1-1866	2.00				
O'DONNELL DITCH							80	
			114-A 5-1-1889			1.60	40	
			114-B 5-1-1889			.80	80	
			114-A 5-1-1889			1.60*	40*	0.00
			114-B 5-1-1889			.80*		
PARMA DITCH	227*							
	257*							
							220	
			71 6-1-1878	4.40			88	
			74 6-1-1880	1.76			88	
			125 6-1-1894	1.76		1.60	80	
			77-A 6-1-1881			.34	17	
			77-B 6-1-1881			.80	40	
			77-C 6-1-1881			1.30	65	
			77-D 6-1-1881			.80	40	12.76
PENITENTIARY	257		114-B 5-1-1889					
							112	2.24
	46	50	6-1-1870	2.24				
PHYLLIS							2655	
							10000	
			90 6-1-1884	53.10			2817	
			117 9-1-1890	200.00			15328	
			135 4-1-1904	56.34		306.56	2725	
			4-1-1905			54.50	1086	692.215
			4-1-1908					
		1038	30 5-1-1866	21.715				

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	
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	SEC. FT.
PIONEER DIXIE		8	9-1-1864	20.00			1000	
		45	6-1-1869	35.44			1772	
		36 96	10-1-1887	2.00			100	
		48 96	10-1-1887	4.20			210	
		62* 96	10-1-1887	1.00*			50*	
		111* 8)	6-1-1864					
		45)	6-1-1869	20.34*			1017*	
		608 88	6-1-1883	1.00			50	
		644 88	6-1-1883	.70			35	
		660 88	6-1-1883	.60			30	
				2.00*			100*	
	35*						75*	39.10
	148*	96	10-1-1887	1.50*				
RIDENBAUGH (NAMPA & MERIDIAN)		67	5-1-1878	170.00			8500	
		106	8-20-1888	370.84			18542	
		392 65	6-1-1877	.40			20	
		47-A	4-1-1870			.80	40	
	152	127	5-1-1895	1.00			50	
	153	8-A	4-1-1865			.80	40	
	154	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*	
				2.00			100	
	35			1.70*			85*	290.374
	175*	88	6-1-1883					

*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	
ROSSI MILL			16	6-1-1865	9.20			460
			18	6-1-1865	.80			40
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			154.45	7722
			717	9 6-1-1865	.64			32
								318.59

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	PRIORITY TRANSFER NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES
SETTLERS		92	10-17-1884	99.06			4953
		122	6-1-1891	73.44			3672
		347	3 6-1-1864	.14			7
		349	3 6-1-1864	.14			7
		350	3 6-1-1864	.14			7
		357	65 6-1-1877	.20			10
		412	81 6-1-1882	.40			20
	76	85-B	4-1-1883		1.00		50
	83	85-A	6-1-1882		.72		36
		430	65 6-1-1877	.25			12.5
		595	1 6-1-1864	.20			10
		654	30 5-1-1866	.50			25
		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	.30			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
							186.44
							1
							671
							25*
							32*
							12.28
		9	6-1-1865	13.42			
		105*	9 6-1-1865	.50*			
		717*	9 6-1-1865	.64*			
SIEBENBERG							

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES
THURMAN MILL			7	6-1-1864	3.20			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*	6-1-1865	.80*			40*
				6-1-1865	.50*			25*
85*			96	10-1-1887	1.50			75
148				6-1-1865	.10*			5*
159*			89	11-9-1883	.50			25
289								13.32

*SUBTRACT

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1	THOMAS DAVIS	1	2.20	1.65	1.32	1	1323	1632
*2	JACOBS CANAL CO.	1	20.00	20.00	20.00	21		
3	MIDDLETON MILL DITCH CO.	1	12.80	9.60	7.68	29	1325	1635
4	THOMAS ANDREWS	3	3.30	2.48	1.98	31		
5	CATLIN & MACE	1	2.86	2.15	1.72	33	1325	1636
6	T. C. CATLIN	1	3.30	2.48	1.98	35	1326	1637
7	C. C. HAVIRD	1	3.30	2.48	1.98	37	1326	1638
8	PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00		1327	
8A	ADOLPH BAHLER	1	.80	.60	.48		1327	
8B	FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08	38		
8C	LOUISE SIMONSON	1	6.00	4.50	3.60	42		
8D	S.G. HARDIES & AMELIA EISLEY	1	.50	.38	.30			
9	SIEBENBERG	2	13.42	10.07	8.05		1327	1639
10	ALLEN V. WEBSTER	1	1.20	.90	.72	43	1327	
11	J. F. YARYAN	1	.66	.50	.40		1328	1640
12	GRAHAM & GILBERT	1	4.40	3.30	2.64	46	1333	1648
13	EUREKA WATER CO.	1	33.32	24.99	19.99	66	1335	1652
14	NEW UNION DITCH CO.	1	13.76	10.32	8.26	74	1343	1665
15	BOISE VALLEY IRRIG. CO.	1	54.58	40.94	32.75	107	1345	1667
16	RIDENBAUGH & ROSSI	1	9.20	6.90	5.52	112		
17	RIDENBAUGH & ROSSI (POWER)	1				113		1668
18	DENVER & IDAHO LAND CO.	1	.80	.60	.48			
19	MARTHA BOWMAN	2	2.88	2.16	1.73			
20	BIRD BOWMAN	2	6.40	4.80	3.84			
21	G. W. GESS	2	2.90	2.18	1.74			
22	ROBERT MCGUIRE	2	3.20	2.40	1.92			
23	C. W. COOPER	2	3.20	2.40	1.92			
24	J. W. ROWLAND	2	2.40	1.80	1.44			
25	DRAPER & WELLS	2	3.94	2.96	2.36			
26	THOMAS J. PALMER	2	1.60	1.20	.96			
27	NOAH W. PALMER	2	1.58	1.19	.95			
28	JOHN N. TUCKER	3	7.00	5.25	4.20			
29	THOMAS ANDREWS	3	6.00	4.50	3.60	163		
*30	J. PERRAULT & R. JOHNSON	1	50.00	50.00	50.00	164		
31	WILLIAM P. KENNEDY	1	2.60	1.95	1.56	166	1345	1669
31A	WM. MUSSER	1	2.30	1.73	1.38			
31B	MINNIE & JERRY COUZENS	1	.60	.45	.36			
31C	ALBERT C. BOWERMAN	1	1.10	.83	.66			
32	MANVILLE & LEONARD	1	1.10	.83	.66	168	1346	1670
33	BOISE CITY CANAL CO.	1	3.50	2.63	2.10	191	1352	1679
34	FRANKLIN DITCH CO.	1	38.06	28.55	22.83	200	1354	1683
35	CANYON COUNTY WATER CO.	1	15.40	11.55	9.24	246	1365	1702
36	RALPH T. KNIGHT	1	75.80	56.85	45.48	247		1703
37	MARTHA E. MCCARTHY	1	1.76	1.32	1.06	255	1368	1706
	H. D. & DORA GOODMAN	1	14.10	10.58	8.46	257	1368	1707

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

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
38	T. T. JOHNSON	2	3.20	2.40	1.92			
39	ROSS, ALLEN, DILLEY & ROSS	3	8.54	6.41	5.12			
40	S. S. GRAY	1	1.40	1.05	.84	258		
41	JOHN MAMMON	3	1.80	1.35	1.08			
42	ISSAC BEDAL	1	1.60	1.20	.96	259	1369	1708
43	FREDERICH ODE	2	3.60	2.70	2.16			
44	PRIOR BURNETT	3	8.50	6.38	5.10			
45	PIONEER DIXIE DITCH CO.	2	35.44	26.58	21.26			
46	MASON CREEK DITCH CO.	1	37.20	27.90	22.32	282	1374	1717
47	T. W. BOONE	3	3.50	2.63	2.10			
47A	ADOLPH BAHLER	1	.80	.60	.48	284	1374	1718
48	W. J. HAMMING	1	2.60	1.95	1.56	299	1375	1724
49	PIONEER CANAL	1	25.72	19.29	15.43	301	1379	1725
50	BARBER LUMBER CO.	1	2.24	1.68	1.34	301	1379	1725
50A	S.G. HARDIES & AMELIA EISLEY	1	1.00	.75	.60			
51	THOMAS ANDREWS	3	1.30	.98	.78	302		
52	CATLIN & MACE	1	7.86	5.90	4.72	306	1380	1727
53	PETER MEEVES	1	1.80	1.35	1.08	307		
54	MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	327	1385	1736
55	J. F. YARYAN	1	.70	.53	.42	328		
56	J. F. YARYAN	1	1.40	1.05	.84	329	1386	1737
57	MARY C. DAVIS	1	4.40	3.30	2.64	331		
58	EDWARD N. HART	1	3.30	2.48	1.98	333	1387	1739
59	T. W. BOONE	3	2.20	1.65	1.32			
59A	KARL F. & OTTO W. RODEL	2	3.20	2.40	1.92			1742
60	FARMER'S CO-OP. DITCH CO.	2	10.00	7.50	6.00			1743
61	EDWARD & MARY CLARK	1	2.30	1.73	1.38	335		
62	JOHN CECIL	1	.44	.33	.26			
63	THOMAS AIKEN	1	5.20	3.90	3.12	338	1388	1744
64	W. H. CONWAY	1	.90	.68	.54	339		
65	MIDDLETON WATER CO.	1	114.08	85.56	68.45	407	1405	1775
66	PERRAULT & JOHNSON (POWER)	1						
66A	J. S. KRAUS	1	.80	.60	.48	408		
66C	J. W. KOLANDER	1	1.40	1.05	.84	409	1406	
66D	M. T. GRIFFITH	1	.80	.60	.48	511	1431	1816
67	NAMPA, MERIDIAN IRRIG. DIST.	1	170.00	127.50	102.00			
68	JOHN MAMMON	3	4.20	3.15	2.52			
69	JULIA MAMMON	3	3.36	2.52	2.02			
70	CHARLES ALLEN	3	8.80	6.60	5.28			
71	R. H. STOCKTON	3	4.40	3.30	2.64			
71A	ISLAND HIGHLINE DITCH CO.	3	3.00	2.25	1.80	530	1436	1824
72	NEW DRY CREEK DITCH CO.	1	31.32	23.49	18.79			
73	D. MUMFORD	2	4.00	3.00	2.40			
73A	GOBLE & SONGER	1	.54	.41	.32			
73B	ALBERT LEMP ET AL	3	3.20	2.40	1.92			
74	SMITH STOCKTON	3	1.76	1.32	1.06	530	1437	1825
74A	C. B. FRANK	3	1.816	1.36	1.09	533	1437	1825
75	ISHAM JOPLIN	1	2.40	1.80	1.44			
76	JOSEPH GOBLE	1	.90	.68	.54			

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

CHART NO. 26

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

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

CHART NO. 26

NO.	NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
114	SAMUEL H. CANFIELD	1	.03	.02	.02	910		2027
114A	NEIL & PATRICK O'DONNELL	3	1.60	1.20	.96			
114B	GUS A. BARTH	3	.80	.60	.48			
115	SONORA JOPLIN	1	.06	.05	.04	910		
116	SONORA JOPLIN	1	1.20	.90	.72	911		
116A	ANNA SPENCER	2	.72	.54	.43			
116B	WILLIS SPENCER	2	.10	.08	.06			
116C	REBECCA BELL	2	.40	.30	.24			
117	PIONEER IRRIG. DIST.	1	200.00	150.00	120.00	1031	1562	2077
118	W. H. CONWAY	1	2.20	1.65	1.32	1032		2078
119	THOMAS DAVIS	1	.54	.41	.32	1033		
120	MIDDLETON MILL DITCH	1	17.00	12.75	10.20	1043	1565	2082
121	THOMAS ANDREWS	3	3.50	2.63	2.10			
122	SETTLERS CANAL CO.	1	73.44	55.08	44.06	1087	1576	2083
123	THOMAS AIXEN	1	.80	.60	.48	1088		2102
123A	OTTO & MARIE MULLER	1	1.60	1.20	.96	1089		2122
124	RIVERSIDE IRRIG. DIST.	2	80.00	60.00	48.00			
124A	W. D. CHARTERS	1	.825	.62	.50	1089		
125	R. H. STOCKTON	3	1.76	1.32	1.06			
126	FARMERS UNION DITCH	1	110.00	82.50	66.00	1155	1589	2150
127	CHARLES REIN & JAMES KEON	1	1.00	.75	.60	1155		
128	MATHEW CASEY	1	.66	.50	.40	1156		2171
129	FARMERS CO-OP. DITCH	2	83.50	62.63	50.10	1156		
129A	H. E. PLAIN	1	.54	.41	.32			2176
130	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00		1622	2231
131	NEW YORK CANAL CO.	1	219.00	164.33	131.46	1288		2234
132	CANYON DITCH CO.	2	10.00	7.50	6.00			2251
133	RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2253
134	CANYON DITCH CO.	2	5.54	4.16	3.32		1630	2267
135	PIONEER IRRIG. DIST.	1	56.34	42.26	33.80	1321		
136	H. E. WIMER	1	.392	.29	.24	1321	1631	
137	B. P. WEAVERLING	1	1.76	1.32	1.06	1323		2269
137A	ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20			2273
138	WESLEY A. MACE	1	.44	.33	.26	1323		
139	ISLAND HIGHLINE DITCH CO.	3	10.00	7.50	6.00			

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

CHART NO. 27

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

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

