

**WATER DISTRIBUTION OF BOISE WATER
DISTRICT NO. 12-A
1963**

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Department of Reclamation

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1963

(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 AND ANDERSON RANCH RESERVOIRS)

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

BY

DANIEL L. MUSSELMAN
WATERMASTER, BOISE RIVER

C H A R T S

1. Map of Boise River, showing canal diversions.
2. 2-L to 2-Q show the natural flow of the Boise River by days for the period from 1941 to date. The same information for the period 1895 to 1940 is shown in previous reports.
3. Shows main daily flow of Boise River for a 65 year period.
4. And 4-A show monthly and annual flow of Boise River in acre-feet, for the irrigation years from 1894-95 to date.
5. 5-A, 5-B, 5-C, 5-D, 5-E, daily discharge of all canals (Sections 1 and 2) for irrigation season.
6. Summary chart in acre-feet showing monthly and total canal diversions for the irrigation season.
7. Summary chart showing total annual diversions for all Boise Valley canals beginning 1940. The same information beginning 1915 is shown in previous reports.
8. 8-A and 8-B show daily discharge of all principal tributary streams feeding water to Boise River below More's Creek for irrigation season.
9. Two charts showing Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain, by months in acre-feet, and average daily flow in 24-hour second feet for the irrigation season.
10. Two charts for Section 1 of Boise River showing river at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain between Diversion Dam and Star, by months in acre-feet and average daily flow in 24-hour second feet, for irrigation season.
11. Two charts for Section 2 of Boise River showing river at Star, canal deliveries, tributary gain, seepage gain and net gain between Star and Notus, by months in acre-feet, and average daily flow in 24-hour second feet, for irrigation season.
12. Show acreage under all canals in the Boise Valley.
13. Storage water allocation, 13-A storage use for 1963.
14. Shows acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1947.

C H A R T S

(Continued)

17. Shows total discharge of drainage canals in Drainage District No. 2 for the irrigation season.
18. Two charts showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4 for the irrigation season.
19. Summary chart of the return flow to Boise River between the Government Diversion Dam and Notus for 15 year period.
20. Shows distribution of drainage water to various canals.
21. Shows Intervenor Decrees on Boise River (Intervenors 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. 23-A, show transfers of decreed rights on Boise River.
24. Condensed chart of Stewart Decree showing dates of priority and amounts decreed.
25. 25-A, 25-B, 25-C, 25-D, 25-E, 25-F, 25-G, 25-H are charts showing the Stewart, Intervenors' and Bryan Decrees grouped under canal headings.
26. 26-A and 26-B are charts in second feet showing decreed rights (Stewart Decree) and natural flow at Diversion Dam necessary to fill same. 26-C is a chart in second feet showing decreed rights (Bryan Decree) and natural flow in second feet necessary at Diversion Dam to fill same.

ORGANIZATION

The Boise River Organization for 1963 was the same that it has been for several years past. It includes a Chairman and Secretary, a Watermaster, 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 Waterusers, 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 Waterusers 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 waterusers.

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

John Demond, Chairman
O. L. Greer, Secretary
Ernest Anderson
O. W. Bunton
Wm. Reynolds
Wm. Wymer
Wayne Naugle
Henry Dalrymple
M. A. Watkins

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.

DECREEES

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 Ed. 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.

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

Chart 26-C shows the decreed rights contained in the Bryan Decree or Flood Water Decree. It shows the date of priority, name of the wateruser, 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.

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total flow for the calendar year 1963 was 1,757,780 acre feet and for the irrigation year was 1,788,456 acre feet. Irrigation started about the 2nd of April and demand for water reached a peak in May and continued moderately strong the balance of the season. Due to the late snow and fast run-off 100,000 acre feet of water was lost down river. The river flow was over 10,000 c.f.s. for just 5 days during the year. The highest flow was 11,480 cubic feet per second on May 24 and the lowest flow was 276 cubic feet per second on January 13. The flow at Lucky Peak was cut

out on October 15, so the gates, etc. could be inspected. The gates were reopened to a flow of 50 c.f.s. on October 28. 50 c.f.s. was passed from October 28 to November 5 when water was released in a test pattern of predetermined flows of 50 c.f.s. to 400 c.f.s. The test was conducted during the period from November 5 to November 19, to find a flow desirable for fish, sanitation and to determine if the proposed power plant in Lucky Peak Dam would cause any adverse conditions. It was decided it would not.

CANAL REGULATIONS

It was necessary to begin canal regulations July 1.

Charts 5 to 5-E inclusive show the canal diversions for the period from April 1 to September 30.

Chart 6 shows the monthly and total diversions 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 1940 to date. Previous reports show the same information, 1915 to 1939 inclusive.

TRIBUTARY GAIN

Data were gathered and compiled on all principal tributary streams feeding water to Boise River below More's Creek.

Charts 8, 8-A and 8-B show the daily discharge of the tributary streams.

NET GAIN

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

RIVER FLUCTUATION

The river flow was very steady, there being very few fluctuations. A change of gates at Lucky Peak sometimes resulted in a slightly changed discharge. A new 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 very good record of the flow below Diversion Dam.

CLASSIFICATION OF RIVER

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

SECTION I

Chart 10 shows the condition that existed in this section during the period July 1 to September 30 inclusive. The average net gain in this section per day during this period was 261 second feet.

SECTION II

Chart II is a table showing the condition that existed in this section during the period July 1 to September 30 inclusive. The average return flow per day during this period to this section was 1035 second feet. 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.

SECTION III

The return flow to Section III 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 "Stewarts 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 quotation from "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 had 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, said diversions not to exceed 1.10 miner's inches per acre. This, because no matter how much is diverted, all but a very small amount almost immediately returns to the river flow. To do this a system of rotation among themselves should be required.

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 forty years, has proven very satisfactory when the entire valley is taken into consideration. This court order is given in full on Page 2 of this report.

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

Chart 14 is a table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1947. A similar record showing

the acre-feet per acre diverted for 18 principal canals in the Boise Valley, beginning 1916, may be found in previous annual reports. The amount shown under the column "Acre Feet Per Acre" cannot be construed as a duty of water for the lands of the Boise Valley, due to the large and varying quantities of return flow water picked up by many of these canals.

DRAINAGE

Chart 17 shows the total drainage discharge for Drainage District No. 2 for the current season and a summary for the same. This drainage district embraces an area of 29,000 acres situated on the north side of Boise River between the City of Boise and the canyon near Caldwell.

Chart 18 is a table showing the discharge of all drains in both Drainage Districts Nos. 3 and 4. Drainage District No. 3, frequently referred to as the "South Boise Drainage District", is situated in South Boise. This district, comprising an area of 4,200 acres, has four drainage canals, all outlets emptying into the Boise River. Drainage District No. 4 frequently referred to as the "Thurman Drain", comprises an area of approximately 2,500 acres and is situated south of the Boise River and opposite the town of Eagle. This district has only one outlet to the Boise River.

Chart 19 is a table showing the average return flow to the Boise River for a 15 year period.

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

INTERVENORS

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

CHANGES IN POINT OF DIVERSION

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

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

TRANSFERS

Charts 23 and 23-A are tables 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. A small circle at the left of the date of priority shows that the right is supplied by "return flow".

Charts 26, 26-A and 26-B are tables 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 BY CANAL HEADINGS

These tables, Charts 25-A to 25-H inclusive, 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 26-C 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 waterusers 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 waterusers 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."

STORAGE WATER

As of March 1, there was 241,800 acre feet of water in Anderson Ranch Reservoir, 274,500 in Arrowrock and 80,700 in Lucky Peak. 301 c.f.s. is being released from Anderson Ranch Reservoir, 1,000 c.f.s. from Arrowrock and 2,000 c.f.s. from Lucky Peak and passing Diversion Dam.

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 waterusers whereby Arrowrock, Anderson and Lucky Peak Reservoirs will be used jointly for both irrigation and flood control. It is anticipated that this arrangement will make control of the river effective to the point where no more than 6500 second feet of water will ever need to pass Diversion Dam.

COST REPORT - 1963

Watermaster Salary	\$6,300.00
Assistant Watermaster Salary	1,140.00
Car Mileage	1,345.00
Miscellaneous	798.46
Telephone	234.95
Office Rent	240.00
Stenographic Services	436.80
Insurance	270.28
Social Security Tax	247.54
Snow Survey	<u>200.00</u>
Sub-total	\$11,213.47

Services rendered by Boise Project Board of Control \$ 780.00
TOTAL COSTS TO WATER DISTRICT 12-A FOR 1963 \$11,993.47

CONCLUSIONS

1. That the records and data substantially as compiled in the Water-master's report for the past thirty 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 I without injury to the rights in Section II 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 II to Section I is injurious to the rights already existing in Section I 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 waterusers 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.

* * * * *

R2W

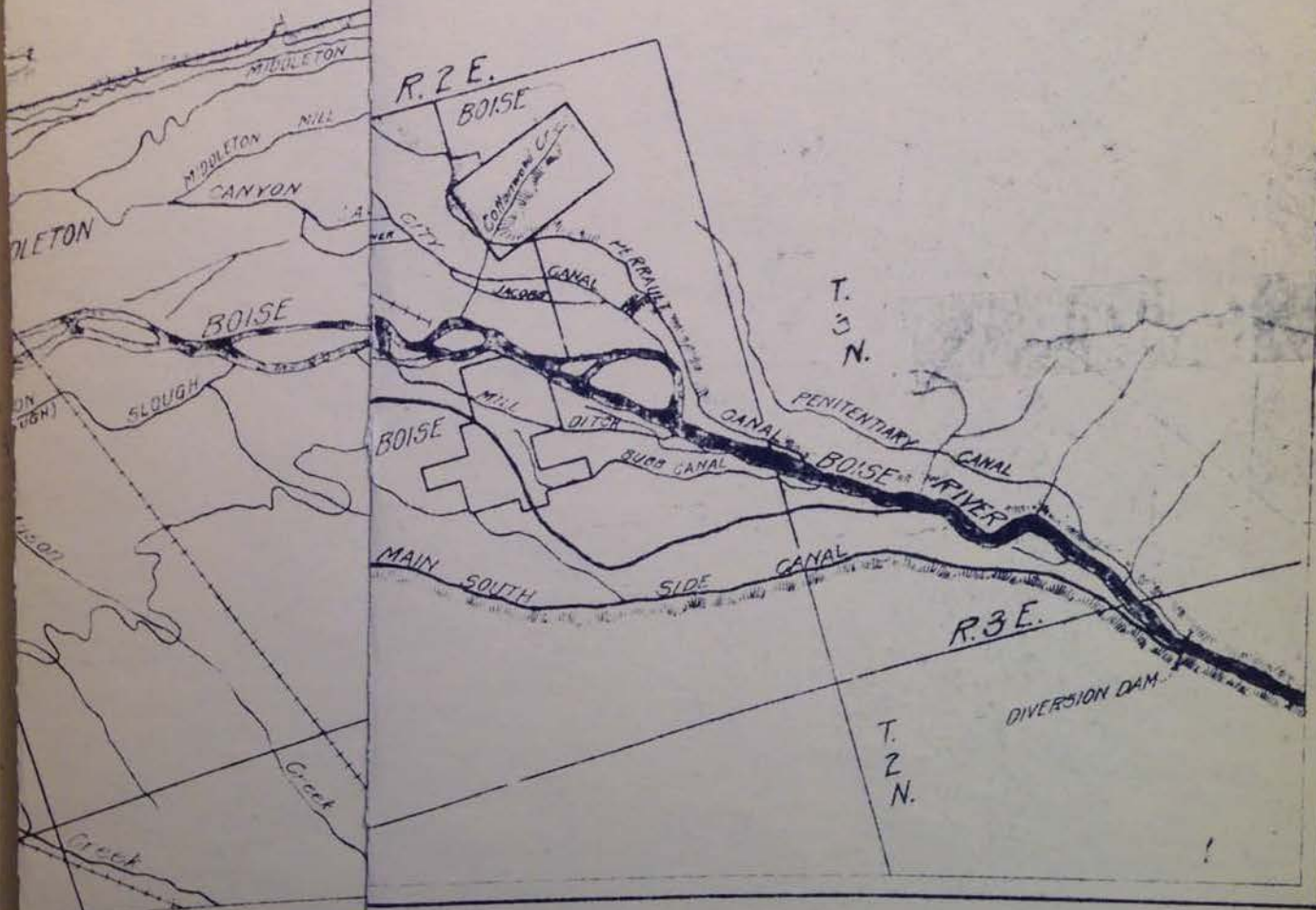
Department of the Interior
United States Reclamation Service
Boise Project Idaho

DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER

From Government Diversion Dam to Snake River
(Revised State Engineer's Map of 1904)

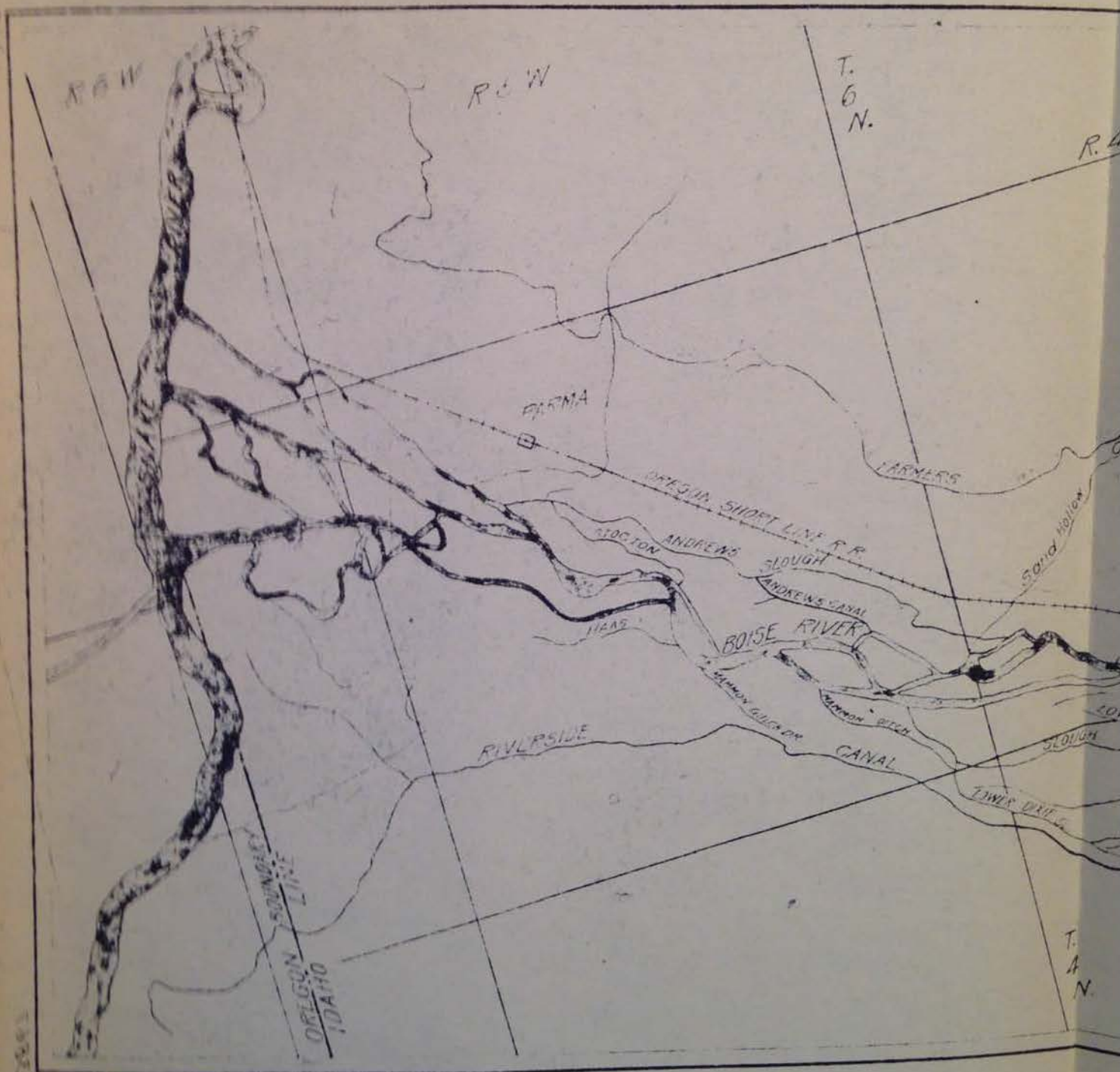
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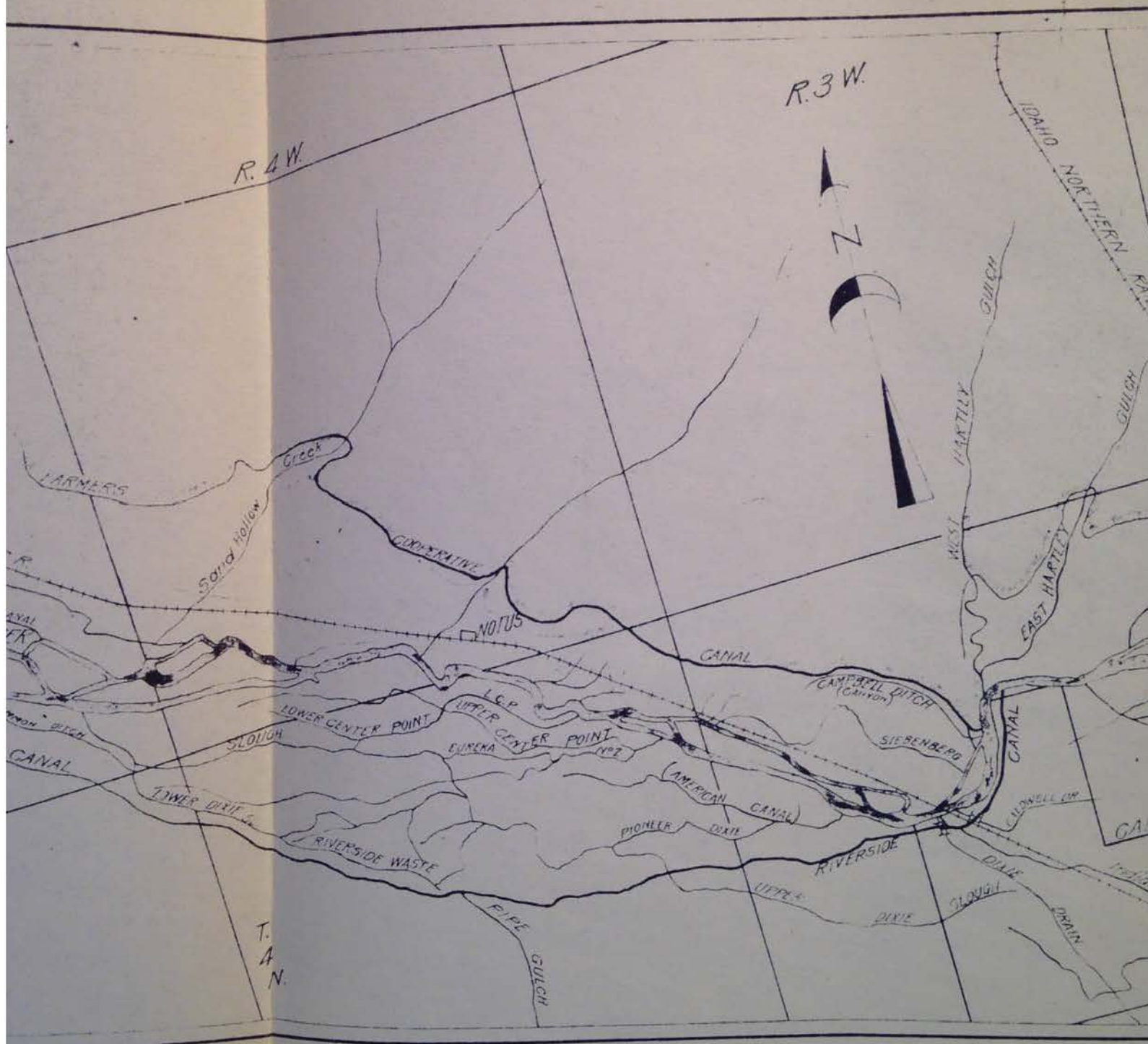
F. E. Weymouth George H. Bliss
Supervising Engr. Project Manager
JAN 1915

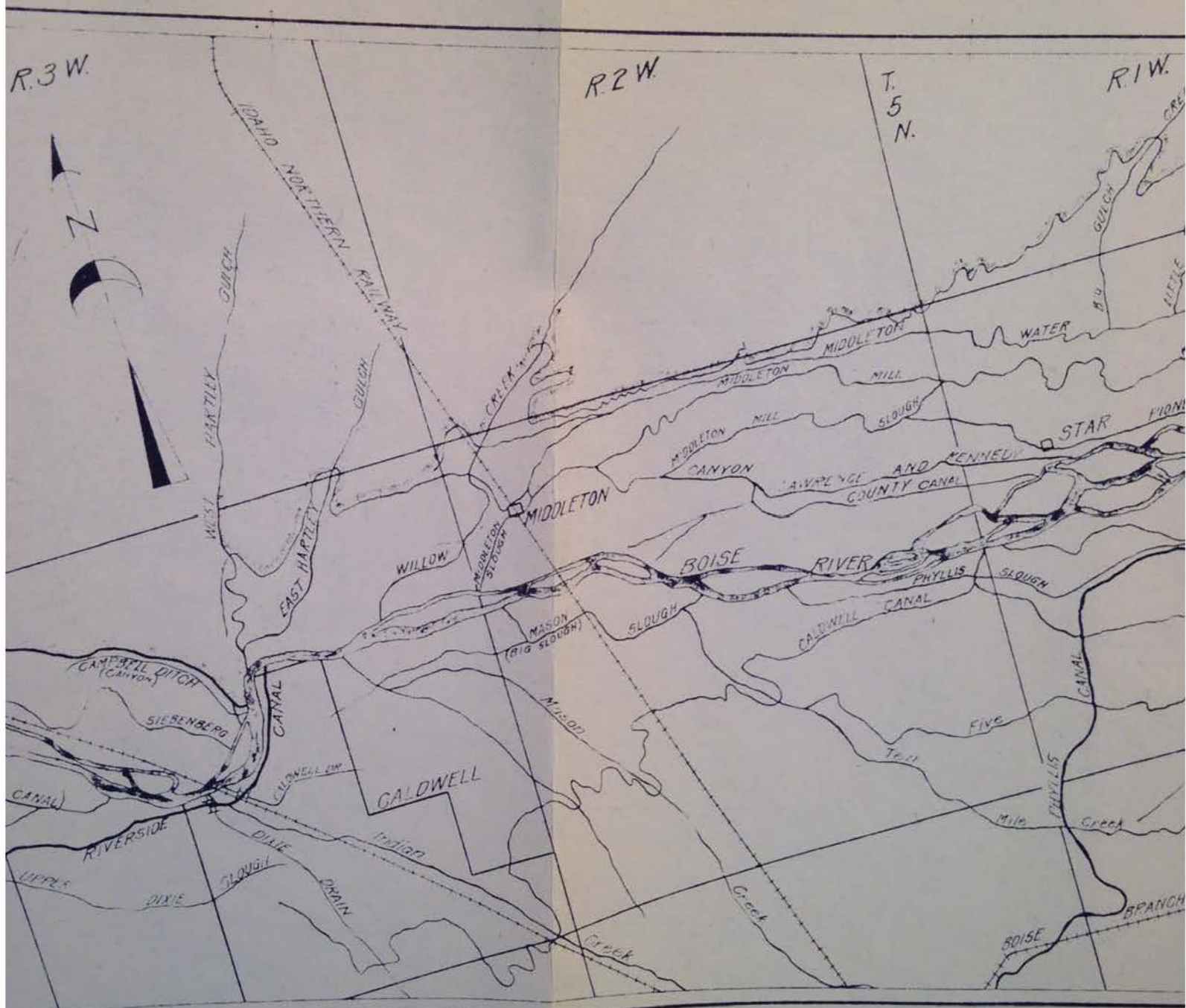


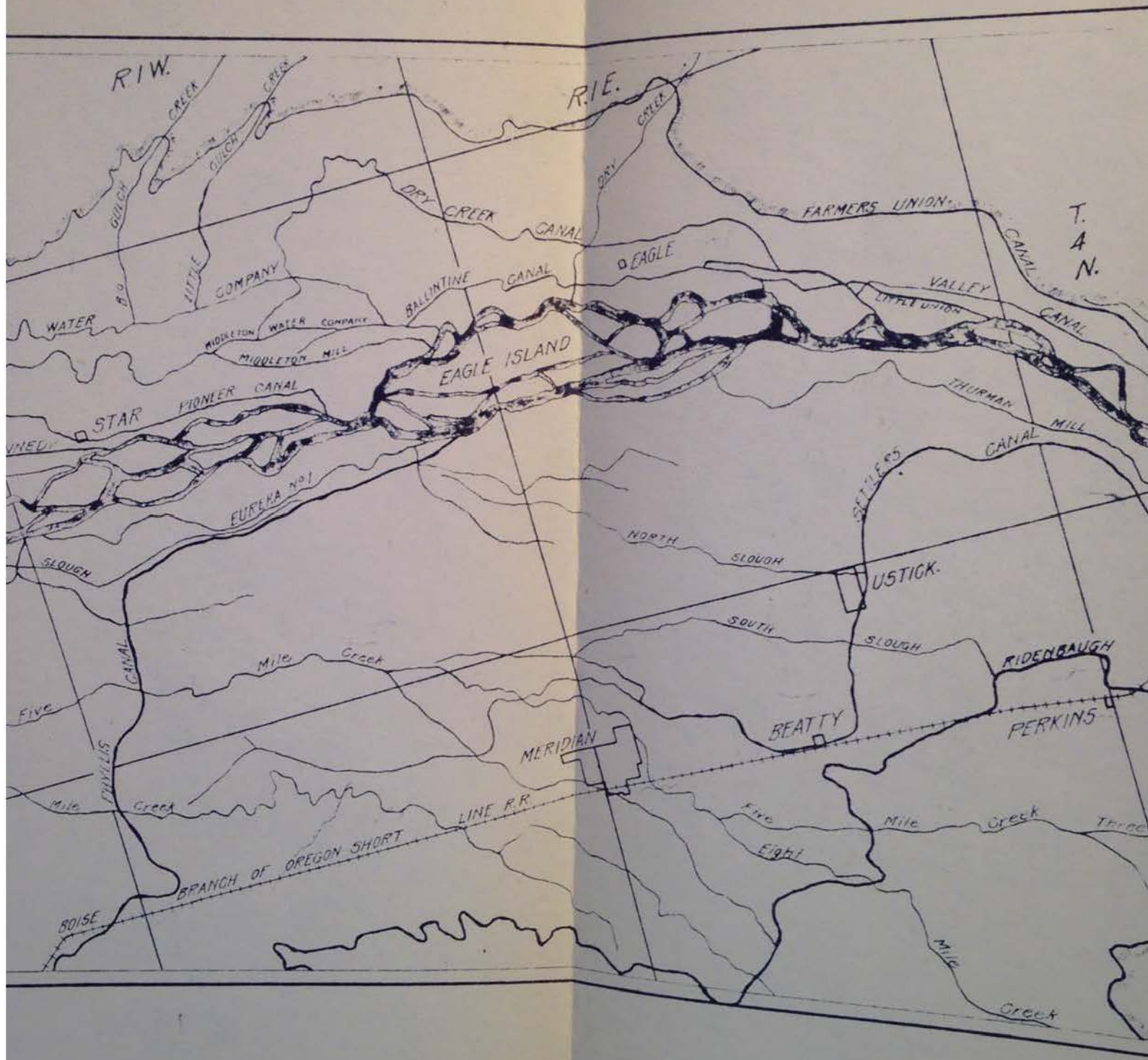
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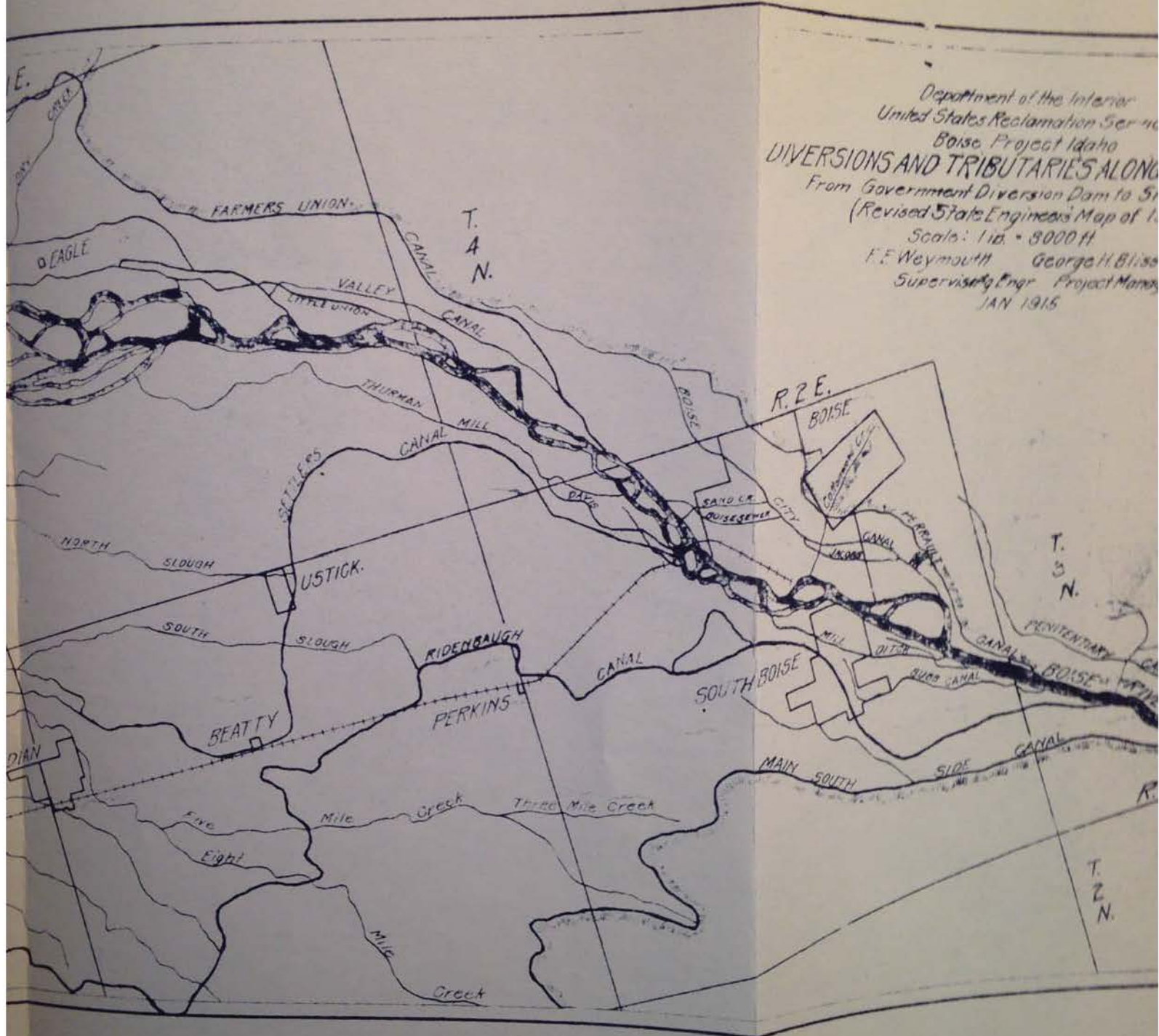




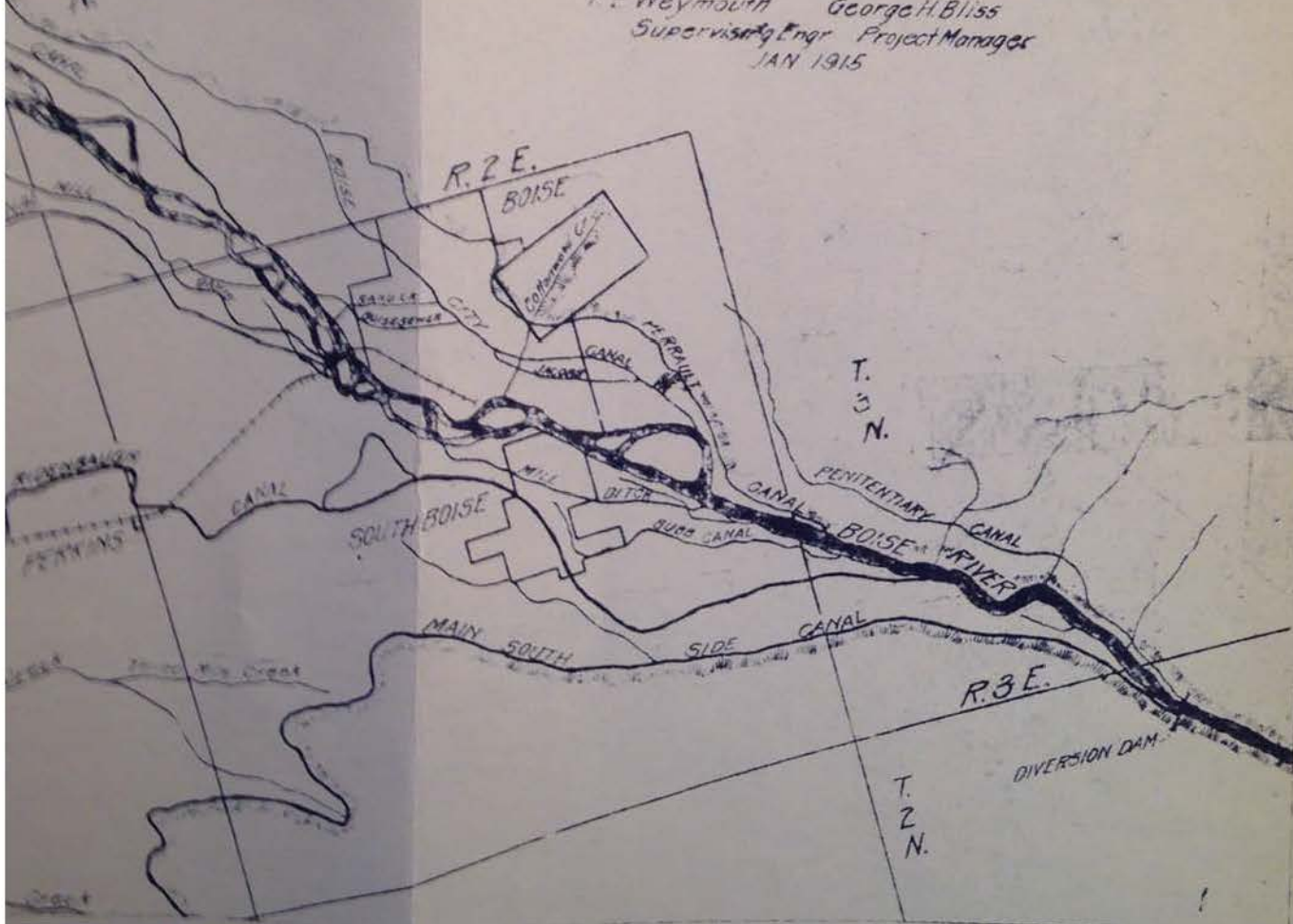




Department of the Interior
 United States Reclamation Service
 Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG
 From Government Diversion Dam to St.
 (Revised State Engineer's Map of 1914)
 Scale: 1 in. = 3000 ft.
 F.E. Weymouth George H. Bliss
 Supervising Engr. Project Manager
 JAN 1915



Department of the Interior
United States Reclamation Service
Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER
From Government Diversion Dam to Snake River
(Revised State Engineer's Map of 1904)
Scale: 1 in. = 8000 ft.
F. E. Weymouth George H. Bliss
Supervising Engr. Project Manager
JAN 1915



YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1941	953	664	662	660	704	967	890	959	778	857	761	899	622	926	1076	929
1942	612	612	612	527	737	737	737	999	1000	1157	1052	1051	841	946	946	621
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1516	1550	1636
1944	598	895	979	759	575	685	876	673	670	671	674	676	664	668	962	934
1945	796	703	662	668	803	810	747	1120	1103	1040	1035	899	902	1300	1461	1305
1946	2583	2012	2128	1723	1881	1651	1219	1544	1282	1045	1240	920	878	1057	963	866
1947	820	1062	923	620	668	986	1017	1018	905	903	1186	1033	1074	1052	788	753
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842
1949	866	878	818	730	730	825	800	822	861	868	773	760	777	824	830	850
1950	641	735	654	772	509	645	847	894	403	955	952	707	558	884	624	760
1951	1120	993	1241	1289	997	1017	1000	748	949	1120	1234	1168	1361	1187	1124	1230
1952	799	526	852	469	1009	989	898	1152	1046	936	1195	1463	1735	904	1285	1544
1953	776	694	1345	786	691	810	1105	731	1103	1275	1657	1090	1736	2377	1738	1741
1954	809	936	940	954	954	962	997	945	910	893	860	955	911	874	846	824
1955	853	737	700	698	698	724	736	741	744	746	752	754	755	754	758	774
1956	2721	2652	2611	2605	2454	2272	1972	1957	1700	1767	1508	1732	1855	1891	2179	2653
1957	943	963	1057	758	720	714	741	747	748	790	817	882	985	1077	969	930
1958	850	590	490	490	530	601	680	732	747	898	992	1220	1153	1120	914	875
1959	968	1005	1073	922	704	698	899	1055	1277	1205	1151	1101	1318	1317	1439	1567
1960	724	726	735	756	772	800	942	1048	971	995	956	1069	963	1024	911	790
1961	641	724	731	754	717	670	673	667	673	704	762	745	736	728	742	720
1962	742	714	654	682	777	841	1009	1194	1377	1345	1046	1024	913	931	848	847
1963	756	1107	1063	1052	910	681	401	732	619	921	663	347	276	367	498	881

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1941	817	843	852	957	831	870	1140	1215	1100	1102	1241	1435	1460	1238	1123	1153	105
1942	1158	1073	1400	1427	1432	1446	1326	1392	1271	1261	1285	1152	1118	861	997	1179	101
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1546	1758	177
1944	764	678	1096	809	1046	1165	1032	1020	1159	1272	791	785	773	785	906	1053	86
1945	799	1012	1467	1371	1010	1077	1046	1210	2213	1737	1456	1353	1596	3131	2897	2351	187
1946	1093	1162	1061	1049	1186	966	1102	1004	914	891	1026	1132	941	961	1074	1366	120
1947	1014	1122	953	941	993	1075	932	940	944	1148	1146	1250	2090	2423	2099	1586	189
1948	878	983	1021	857	836	842	747	912	727	917	866	601	670	908	970	981	91
1949	750	801	827	862	873	803	885	890	862	832	801	770	734	659	882	504	68
1950	833	747	675	1415	1134	1341	1272	1181	1267	1258	1091	990	1165	917	1112	1159	120
1951	757	835	945	1361	2237	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2205	210
1952	900	1762	2069	1842	1607	1437	1290	1466	1611	1620	916	1342	1323	1272	921	1167	174
1953	1127	1301	1834	2664	2913	2320	2082	2300	1921	1761	1697	1535	1516	1455	1550	1329	141
1954	1462	1472	1434	1434	1347	1290	1290	1329	1329	1406	1431	1654	2038	2230	2218	2103	196
1955	614	502	451	422	445	563	734	968	982	898	795	721	718	721	725	754	82
1956	1201	1210	1211	1358	1774	2292	2563	2693	2860	2147	2423	2120	2017	1798	1686	1358	13
1957	850	924	924	935	942	934	972	981	939	901	938	957	966	967	1040	1047	10
1958	1008	1012	1012	1015	1026	1034	1098	1104	1126	1178	1211	1217	1352	1937	2690	3463	31
1959	1395	1354	1206	1106	1039	1191	1229	1257	1191	1138	1169	1152	1036	967	1072	1078	11
1960	793	887	915	961	955	1001	1277	1802	2714	2270	1409	1453	1246	1147	1005	992	9
1961	935	1052	1052	898	815	821	842	892	976	1103	1236	1568	1449	1363	1248	1020	11
1962	758	726	887	886	1034	900	932	978	1203	1226	1746	1874	2337	2535	2174	2248	18
1963	1584	6541	4042	6708	5525	4627	3771	3176	2849	2477	2313	2004	1831	1691	1815	1662	15

NATURAL FLOW OF HOISE RIVER

CHART NO. 2-4

BEGINNING 1941

JANUARY

	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
57	761	699	622	926	1076	929	927	876	861	880	890	886	914	917	1030	1217	1172	942	811	809	911
52	1052	1051	841	946	946	621	721	1336	886	756	866	748	976	1116	1266	1511	1172	1373	1469	1390	1291
51	1554	1337	1344	1519	1551	1636	1310	1100	115	2019	2179	3728	4603	4259	3563	3199	2807	2703	2908	2250	2346
71	674	676	684	688	962	934	945	1042	827	924	822	722	730	940	627	826	827	733	748	784	752
40	1035	899	902	1300	1361	1305	1169	1052	1034	1035	704	830	739	667	815	806	737	774	772	684	776
45	1240	920	878	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	969	982	1095
63	1186	1033	1074	1052	788	753	786	733	1273	1245	1132	1276	865	1112	1111	1125	1157	913	921	986	948
53	1571	1494	1005	966	810	642	940	948	864	827	872	924	1244	1206	1030	906	760	481	945	766	900
68	773	760	777	824	830	950	841	814	785	780	786	806	811	793	732	806	719	729	727	765	717
88	952	707	558	884	624	760	832	706	767	1075	1300	1874	2235	2173	1786	1287	1254	1402	1271	1015	833
90	1294	1180	1361	1167	1121	1230	1404	1165	1298	1107	1050	1321	1324	1154	1252	1219	1304	1171	717	985	1118
76	1195	1463	1735	904	1285	1544	1618	581	1254	1132	974	906	1375	1249	1257	967	1452	976	1080	1169	1379
75	1657	1090	1736	2377	1738	1741	1642	2309	1556	3814	2552	2266	1732	1452	1346	1525	1385	1647	1591	1284	1591
893	860	955	911	874	846	824	831	862	885	877	967	942	919	1023	1023	1127	1219	1272	1327	1412	1462
746	752	754	755	754	758	774	721	805	818	815	851	846	821	826	804	752	745	740	721	736	744
767	1608	1702	1858	1891	2179	2657	3292	4416	1154	3066	2133	2138	2771	2743	2508	2310	2218	2149	1832	1819	1723
790	817	882	985	1079	969	930	880	821	792	837	856	1042	949	948	916	847	740	737	743	761	774
898	962	1220	1153	1120	914	875	852	852	832	848	808	825	839	840	864	832	1005	1123	1110	1153	1330
215	1151	1101	1318	1317	1439	1567	1511	1330	1353	1231	1140	1073	1046	1121	1280	1480	1537	1756	1562	1596	1529
995	966	1059	963	1024	911	790	794	715	660	674	652	690	771	806	801	821	883	862	791	795	823
704	762	745	736	728	742	720	716	709	664	583	515	548	618	657	701	689	681	688	675	701	747
1545	1046	1024	913	931	848	847	791	916	1002	843	793	702	714	759	771	740	807	910	912	842	782
921	663	347	276	367	498	881	820	800	750	718	762	466	784	551	524	707	960	111	890	750	839

FEBRUARY

	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1102	1241	1435	1469	1238	1123	1153	1043	994	1041	1121	1069	1023	1309	1589	1776	1595	1294	1342			
1261	1295	1152	1148	861	997	1179	1011	892	739	753	866	1477	1351	1150	952	922	941	1076			
1522	1569	1359	1648	1445	1646	1756	1771	1961	1444	2154	2462	2739	3410	3440	3327	2631	2920	2790			
1270	791	765	773	785	906	1053	867	894	976	842	840	622	916	794	916	756	787	894	780		
1737	1486	1353	1599	3131	2857	2051	1874	1550	1396	1329	1302	1145	1086	1077	1070	836	860	1056			
891	1026	1132	931	961	1074	1366	1281	1232	956	1237	1239	1210	1297	1287	1482	1546	1607	1600			
1148	1146	1250	2090	2423	2059	1896	1897	1937	2145	1786	1741	1834	1951	2029	1672	1832	1861	1576			
917	666	601	679	902	970	981	917	886	1227	1411	1102	1326	1645	1458	1228	1309	1506	1343	1203		
832	901	770	734	659	682	584	582	691	753	792	811	846	846	871	901	916	923	945			
1258	1091	990	1165	917	1112	1199	1205	1202	1207	1256	1323	1321	1410	1412	1435	2020	1996	1975			
3067	3290	3946	3147	3254	3175	2205	2406	2301	2334	2159	1937	2099	1929	1817	1679	2314	1526	2023			
1620	948	1342	1323	1272	921	1487	1743	1714	1215	1310	1163	1262	1206	1294	942	1123	946	1311	721		
1761	1697	1535	1515	1455	1550	1329	1416	1404	1348	1510	1008	1069	1316	1356	1257	841	1271	1116			
1406	1431	1654	2039	2230	2218	2103	1966	2032	1715	1663	1529	1410	1514	1627	1714	1806	1904	2120			
898	795	721	718	721	725	754	823	779	795	764	721	730	780	736	760	760	763	767			
2147	2443	2120	2017	1798	1684	1358	1314	1360	1432	1410	1320	1615	1620	1690	1703	1880	1800	1642	1752		
901	938	957	966	967	1040	1047	1015	1019	1039	1073	1183	1198	1403	2137	3446	4138	6586	6265			
1158	1211	1217	1352	1637	2680	3463	3134	2950	2946	2882	3345	2415	2696	3325	3682	4597	3324	2744			
1138	1169	1152	1026	967	1072	1078	1137	1313	1390	1471	1451	1337	1291	1356	1421	1402	1501	1063			
2270	1409	1453	1246	1147	1005	962	906	965	901	840	805	958	784	735	806	982	1040	861	865		
1108	1236	1568	1449	1363	1248	1020	1151	1073	1034	1034	1321	1015	1001	984	945	950	953	854			
1226	1746	1874	2337	2535	2174	2248	1836	1814	1640	1552	1450	1396	1226	1341	1230	1194	1050	1030			
2477	2313	2004	1831	1591	1815	1662	1536	1489	1544	1682	2339	1954	1567	1700	1589	1611	2037	1767			

20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
888	890	886	804	917	1030	1215	1172	942	811	808	911	27,130
756	866	748	976	1119	1265	1511	1172	1323	1482	1388	1281	31,091
2013	2179	3728	4603	4259	3563	3109	2967	2753	2505	2250	2006	76,595
124	822	722	730	940	827	828	823	733	748	744	752	24,706
1031	734	830	739	667	815	806	737	774	772	684	876	26,125
1111	940	1164	1117	1362	1209	1045	1073	1104	969	952	1085	39,765
1245	1122	1276	865	1119	1114	1125	1157	913	921	986	908	30,181
627	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
780	788	806	811	793	732	686	719	722	727	765	738	24,519
1079	1300	1874	2235	2173	1789	1237	1254	1182	1271	1019	833	31,594
1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	1118	35,328
1122	974	906	1375	1249	1257	937	1452	976	1089	1109	1379	34,200
3014	2852	2266	1732	1452	1546	1525	1085	1047	1058	1258	1544	50,641
897	967	942	919	1023	1023	1127	1219	1272	1327	1422	1482	30,768
815	881	846	821	826	804	752	745	740	721	738	744	23,741
3066	2933	2838	2771	2743	2568	2359	2215	2149	1602	1435	1220	73,757
837	896	882	949	948	918	847	749	737	743	744	774	26,324
848	808	825	839	848	864	932	1095	1123	1110	1120	1008	26,841
1231	1140	1073	1046	1121	1280	1489	1507	1756	1582	1586	1529	38,233
674	652	690	771	806	801	821	883	862	791	795	823	25,832
543	515	548	618	657	701	669	649	666	675	723	747	21,227
843	793	702	714	759	771	799	887	910	912	802	732	27,277
718	762	466	784	551	524	707	960	111	890	750	939	21,806

	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1151	1069	1073	1397	1529	1776	1535	1284	1342					32,684
753	806	1477	1051	1150	952	922	941	1079					31,581
2154	2462	2739	3419	3440	3327	2831	2870	2759					58,282
842	847	622	916	794	919	798	797	954	780				26,305
1329	1302	1115	1086	1077	1051	836	969	1056					40,062
1237	1239	1240	1287	1287	1482	1546	1607	1609					32,912
1786	1741	1634	1951	2029	1972	1932	1961	1576					43,639
1411	1102	1326	1819	1458	1222	1309	1509	1340	1203				30,240
792	811	846	846	871	901	916	929	945					22,837
1292	1223	1221	1410	1412	1935	2020	1996	1975					35,735
2158	1937	2059	1928	1815	1678	2314	1525	2020					63,068
1310	1183	1269	1306	1264	942	1120	949	1511	721				38,754
1550	1008	1069	1318	1356	1257	811	1271	1116					44,280
1863	1529	1410	1514	1627	1714	1886	1904	2120					46,637
764	721	730	730	738	760	760	763	767					20,223
1448	1920	1615	1600	1090	1703	1588	1590	1842	1772				52,295
1073	1183	1198	1403	2437	3446	4374	6586	5265					46,440
2082	1048	2915	2809	3375	3682	4557	3324	2774					60,918
1471	1431	1337	1291	1355	1121	1482	1591	1093					34,851
840	809	958	784	735	886	982	1040	861	865				32,445
1034	1031	1013	1001	984	945	950	953	954					8,415
1952	1430	1396	1226	1341	1230	1154	1050	1030					39,163
1682	2339	1954	1567	1700	1569	1611	2037	1767					73,561

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	1578	1498	1441	1823	1579	1616	1569	1473	1700	1708	1648	1770	1372	1425	1480	1318	1384	1712	1467	194
1942	873	1003	1035	1138	1118	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1585	1527	1464	1432	141
1943	3308	2682	2849	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3894	3451	3161	2860	2606	262
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1218	1012	881	1196	1112	1446	139
1945	923	1024	1056	1012	918	794	816	870	969	1016	1035	1076	1426	1346	1707	1520	1400	1514	1404	117
1946	1733	1580	1370	1595	1565	1918	1997	2033	2070	2342	2900	3801	4146	4131	3566	3217	2843	2526	2403	414
1947	1651	1539	1661	1803	1607	1620	1312	1485	1418	1841	2758	2251	2114	2704	2193	2946	3075	3640	4297	434
1948	1087	1173	1121	1096	966	976	973	994	997	978	994	1005	1015	1067	1060	1126	1145	1137	1171	1060
1949	1113	1343	1506	1746	1823	1874	1915	1943	1943	1941	2047	1984	1977	2164	2125	2425	2751	2890	2995	3221
1950	2698	2310	2377	2328	2154	2618	2476	2333	2250	2232	1929	1675	1486	1615	1505	1502	2494	3890	4754	3658
1951	1694	1314	1411	1608	2075	1041	1520	1110	995	1322	1178	1413	1368	1360	1401	2022	1927	1587	1719	1617
1952	1274	1325	706	1271	956	864	668	1288	1202	1137	1670	501	1329	853	1348	1688	1028	1861	1725	1653
1953	1423	1403	1421	1069	1096	1165	1171	976	1628	1622	1895	1171	2153	1965	1655	1796	1706	1376	1793	1697
1954	1774	1611	1518	1518	1427	1521	1754	1324	3748	5830	5015	4112	3737	2692	2544	2454	2346	2226	2219	2114
1955	760	812	873	943	1005	1026	904	993	969	912	856	821	805	764	775	810	813	836	850	851
1956	2003	2112	1750	1798	2375	2084	1968	2062	2267	1843	1310	1311	1473	1780	1791	1952	2194	2506	3232	3200
1957	3423	3591	3155	2692	2752	2947	2741	2633	3376	3825	2772	3475	3764	2610	2484	2356	2401	2658	2470	2577
1958	2711	2292	2014	1934	1587	1521	1427	1352	1361	1437	1669	1533	1372	1187	1912	1492	1432	1310	1484	1466
1959	1304	1346	1486	1414	1156	1460	1446	1365	1687	1448	1322	1321	1212	1254	1177	1294	1185	1177	1474	1309
1960	765	751	920	881	1114	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	1605	2169
1961	1077	866	1028	766	1007	951	920	902	721	1030	889	760	1072	1030	1201	1853	1979	1322	1679	1717
1962	1049	1197	1208	1224	1313	1182	1182	1263	1223	1064	1048	1098	1145	1117	1013	937	938	1013	1065	1498
1963	1952	1424	1539	1426	1257	1316	1275	1289	1294	1300	1230	1406	1289	1145	1097	1202	1178	1097	1050	1099

10000

CHART 2-4

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
0	1372	1395	1480	1318	1384	1212	1367	1942	1942	1842	1922	1800	1727	1774	2101	2193	2305	2149	3093	56,724
3	1652	1660	1479	1698	1527	1465	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1698	2250	43,902
0	2525	3825	3899	3451	3164	2960	2606	2670	2625	2818	2119	2521	3039	3789	5285	7156	9555	10692	9936	117,569
2	1134	1218	1012	981	1196	1442	1445	1399	1366	1172	1135	1463	1179	1149	1154	904	1053	1054	1369	34,047
6	1426	1741	1707	1520	1403	1319	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2240	2501	19,580
1	4148	4131	3566	3217	2843	2526	2403	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6012	5740	106,307
1	2111	2104	2190	2446	3095	3441	4397	4397	4013	4661	4948	4541	3963	3937	3541	3553	3479	3701	3471	90,638
6	1015	1287	1360	1126	1145	1137	1121	1086	1063	1001	1117	1133	1421	1342	1344	1381	1543	2076	2000	36,698
94	1977	2164	2135	2405	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
79	1486	1615	1505	1502	2181	3890	4355	3658	3185	3106	2879	2725	2772	2856	2715	2552	2323	1969	2237	77,279
13	1368	1360	1411	2022	1927	1997	1719	1817	1916	2533	2642	2415	2518	3130	2451	4455	4220	3170	3782	64,079
01	1329	853	1348	1688	1028	1861	1725	1653	1838	2779	2086	1330	810	2856	2991	3509	3384	3061	2566	53,141
71	2153	1905	1655	1796	1796	1329	1593	1697	1971	1495	2015	1676	2699	2967	2939	2966	3409	3026	5376	63,355
12	3737	2642	2544	2454	2346	2226	2219	2114	2091	2050	1988	1443	1880	1642	2143	2347	2146	2134	2066	74,858
21	805	764	775	819	853	838	850	851	751	742	817	817	852	894	932	1061	1132	1134	1158	27,848
14	1473	1789	1791	1552	2159	2708	3112	3010	4132	4481	5136	6000	7540	9559	9405	7304	6699	6295	6332	114,129
05	3294	2610	2484	2356	2937	2632	2455	2577	3212	3628	3741	3487	3167	3016	3121	2681	2564	3572	4101	97,340
33	1372	1187	1112	1462	1402	1515	1484	1466	1708	2345	3029	2885	3276	3070	2727	2801	2440	2748	2967	62,347
121	1212	1254	1177	1294	1185	1177	1474	1309	1360	1425	1414	1544	1844	1722	1847	1942	1987	1984	2058	46,271
295	1393	1295	1246	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415
750	1072	1030	1201	1853	1979	1322	1679	1717	1813	1771	1679	2573	2414	2072	2459	1909	1971	1713	2051	45,615
096	1145	1117	1013	937	938	1013	1065	1498	1448	1494	1430	1451	1420	1506	1866	1960	2057	2053	2064	41,536
106	1289	1445	1097	1202	1178	1097	1250	1099	1040	1268	1551	1550	1465	1341	1408	2060	3580	2613	2208	45,952

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1941	2784	3178	3118	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396
1942	2932	3173	3204	3741	4057	3785	3879	4215	4639	5444	6081	7073	8215	8731	9411
1943	8330	10280	14430	14301	13749	13264	14663	16969	21235	19206	16138	16191	18504	20255	21625
1944	1784	1796	2125	2605	2726	3144	2693	2509	2622	2005	2376	3092	3326	2941	2721
1945	2571	2431	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296
1946	8338	4082	4582	4717	4841	5215	6160	6154	6222	5847	5213	5949	7596	10219	12352
1947	4813	4145	4006	3747	3576	3468	3305	3129	2954	2778	2635	2807	3063	3230	4470
1948	1740	2024	2660	2967	2723	2292	2289	1997	1837	2190	2201	2152	2155	2437	2518
1949	2433	2870	3339	3595	4184	5078	5780	5766	6176	6527	6860	7696	7761	5943	5790
1950	2399	3767	4826	4125	4107	3894	4251	4899	5177	4667	5832	5720	6521	7448	7513
1951	3624	3174	4034	5892	7194	8135	9660	10722	10962	10961	10650	9941	9844	11505	11254
1952	3257	3110	3369	3710	4755	6639	8222	9276	7782	6988	6943	7144	8421	9827	10963
1953	4682	3871	3824	4380	4381	4103	4956	3346	3502	3669	2538	2560	2634	2480	1840
1954	1904	1625	1758	2259	3169	4663	5109	4388	4362	4285	4049	4072	4879	6936	7461
1955	1161	1221	1221	1230	1285	1641	1927	2300	2260	2247	2591	2482	2364	2284	2054
1956	8330	6140	5304	5884	5507	5020	5834	5774	5660	5795	7116	9006	9577	10213	11061
1957	4004	3798	3634	3120	4137	6579	6486	5838	5107	5772	8513	6939	6591	6719	6943
1958	2910	3061	3706	3011	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371
1959	2000	2518	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5227
1960	4750	4339	4121	4363	5045	7765	10212	10483	10930	11165	10822	9142	7933	7136	6422
1961	2308	2940	3232	4486	4618	3349	3110	3004	2876	2080	2367	2187	2594	2312	2247
1962	3882	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4425	5557	6996
1963	2082	3181	1813	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3959

APRIL

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
996	9655	3394	3213	2968	2670	2387	2370	2452	2699	3128	3201	3316	3543	4000	4429		94,150
411	8204	6527	6620	6098	5658	6528	7779	8562	7355	6099	5718	5033	4620	3917	4353		170,811
625	2310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		508,266
721	2302	2377	2310	2015	2274	2185	2848	2613	2821	3624	3471	3330	3282	3712	4231		82,000
2296	2082	2706	2855	3445	4480	6135	7701	6650	6101	5125	4325	3792	2729	3768	4622		101,194
2352	13581	14780	17389	18812	18660	15103	13559	11548	11850	13257	15411	16663	15953	14226	13157		319,902
1470	5633	6148	6379	6440	6284	6171	6313	6123	6002	5480	5356	5760	6191	6991	7300		144,699
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	7069	8258	8197	10023	9325	8906	9226	9241	9046		208,274
7513	7141	8013	8713	9288	8968	9687	11164	11175	11063	8717	8276	7747	7186	6576	6012		204,893
1254	13094	10778	11156	11617	11612	9103	9634	8658	7951	8068	7476	7865	8261	11574	11017		276,856
0983	9842	10395	12428	14861	14611	12836	12801	13075	13849	16380	18536	22122	23239	21444	18794		335,949
1840	2636	2255	3181	3909	3581	6299	7202	9882	9941	10534	9021	9668	11656	12779	9568		165,098
7451	7233	7459	9196	10069	9628	8428	8032	8010	8131	8461	8924	8890	9496	9340	8555		191,021
2054	1866	1821	1952	2105	2166	2375	2690	2892	3215	2826	2489	2341	2489	2624	2802		64,911
1061	12390	13488	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13954	13131	11892		318,251
6943	6644	6696	6323	6132	6122	6532	6317	6556	6892	6880	6234	5500	5385	5849	7427		180,628
6371	6712	7606	8595	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565		161,884
5227	4812	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025		136,367
6422	5800	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3685		179,494
2247	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	2658	3276	3528	4028		90,149

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4306	4367	5127	7366	8408	7456	6193	559
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4345	4477	4364	4141	4097	4044	4151	406
1943	13119	13472	15262	15085	15653	14752	21884	11194	10220	10225	9810	9272	8431	8266	7851	7404	731
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5500	6077	7059	7632	727
1945	5854	6978	8661	10562	11644	10720	9978	9101	9082	9218	10489	9101	8230	8348	7558	6677	721
1946	11758	10783	10294	10837	12416	13431	12844	13260	12128	11745	10582	10286	9306	9563	9170	9087	850
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10691	9953	8473	7965	7504	7711	706
1948	4839	4538	3728	4393	4204	4307	5353	6539	6472	5797	5101	4613	5081	5491	6409	7046	802
1949	8043	7824	7289	6740	6507	6212	6291	7156	8178	9129	9835	10188	11441	11785	12313	12725	1138
1950	5296	6068	5497	6494	5131	5004	4335	4258	5095	4597	5345	5562	6933	6553	11897	13385	1367
1951	9164	8318	7239	7238	7299	8201	9732	12301	11980	12087	12460	13367	12371	10540	11714	10739	971
1952	14338	14047	16513	18001	18954	18799	16478	15533	15390	15081	14556	13358	16047	16502	16169	14731	1244
1953	7935	6442	5512	5136	4791	6775	7413	8286	7592	6136	6086	5339	5084	5266	5493	5817	623
1954	7364	6445	5803	6282	6125	8165	9936	9704	10855	11776	13308	12853	11978	11087	9963	13824	11422
1955	3296	3601	4040	4135	4134	5011	6697	7088	8417	8309	7939	7516	7917	7326	6984	9892	4733
1956	10218	10200	9671	10211	10496	10825	11384	12702	11594	11328	10238	9987	8560	8699	7933	8296	9716
1957	9110	10872	11712	11176	10375	9666	11186	12224	12850	12756	13393	12804	13328	13617	13905	13644	13773
1958	4928	6924	8263	9839	11249	13513	14715	13949	13445	14578	15390	17413	17483	14213	12597	12839	12621
1959	5870	7605	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5034	7852	9040	7063
1960	3922	4261	4763	5023	5127	5294	6438	6965	6909	8763	10699	11842	11130	9927	7912	7473	7473
1961	3605	3983	4617	4084	4042	3808	3934	2429	3246	2857	4098	3591	3619	3057	3477	4040	3907
1962	5923	5454	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872
1963	5324	5703	5653	5674	5329	5798	6273	6450	6695	6577	6139	5546	5105	5078	4751	4947	5397

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4719
1942	6271	5752	5626	5932	6318	6786	8006	9385	9668	9502	8497	7225	6400	6174	6105	5822	5402
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11471	10305	10069	9940
1944	5791	5853	5041	4788	4399	4168	4069	4084	4583	4943	4477	4254	4137	4037	4063	4025	4112
1945	7248	7594	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343
1946	7980	7533	7764	9114	10131	9775	8965	8249	7785	7505	7573	6965	6209	6179	6482	6365	5913
1947	7015	6897	6980	6014	5562	5299	5342	6372	6867	5991	5421	4395	4743	4539	4785	4962	4962
1948	10513	10900	11506	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7582	7075	6428
1949	8708	7602	6441	5588	5222	5867	5323	6558	6795	7171	7009	7447	6908	6266	5531	4820	4980
1950	10066	10139	10220	10932	10648	10879	11713	11063	9479	8073	7511	8028	8515	7834	6115	5634	5085
1951	9487	8497	7265	6970	6277	7755	6944	6277	5708	9396	5479	6034	7203	7536	8584	9851	10513
1952	12410	11938	11735	13212	13470	13830	13581	13793	12050	12664	10548	10492	7939	7788	7471	7197	6311
1953	7869	8636	9299	9010	9655	9255	8956	8815	8799	8942	9178	10758	13803	14870	12978	11011	10254
1954	5160	4757	4385	3968	4415	4803	4695	4456	4422	4339	4657	4615	4424	4644	5210	6112	6807
1955	6794	6665	6090	6046	6573	7172	8291	9501	10435	10478	10018	10242	9799	9351	7823	7571	6897
1956	18157	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9753	9658	7947
1957	12988	13902	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7867	6622	6286	6075
1958	12658	11471	10461	10328	9088	8513	10055	10402	10498	10045	9345	8848	9282	8774	8230	7494	6893
1959	3978	3982	4244	4701	5361	6151	7024	7529	7633	7502	7001	6361	6257	6509	7003	7600	7163
1960	6567	7981	8868	9307	9141	8588	7911	7947	7246	6584	6157	6056	6043	5954	5806	6316	5860
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4928	5095	3585	4531	3622	3499
1962	6631	6960	7599	8623	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7728	7656	8035
1963	9315	8852	8018	7732	7905	7631	6861	6681	6484	7143	6852	6110	6453	7112	7917	8486	8495

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16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
6152	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8661	8105	6497	5834	5620	132,668
4151	4083	3815	3906	3693	4044	4664	6595	9166	8745	10008	10640	10887	7869	6931	6760	162,838
7804	7311	7009	6906	7316	8041	10237	12494	14458	11525	15153	15342	15465	16213	16835	361,442	
7637	7270	6542	5688	5076	1361	4248	4142	3824	3550	3405	3269	3789	3711	4132	5576	151,604
9677	2216	7208	6601	5903	1382	5033	4693	5600	6638	6372	6538	6147	6452	6932	7120	236,573
9087	2987	10011	10250	10746	10134	9645	10297	9414	8760	6863	10114	10528	10264	9345	7956	325,830
7733	7063	7076	7145	6705	7409	7522	7782	7407	7316	7548	7862	8080	7846	6738	6497	272,862
7046	8226	10024	11759	12004	11158	9708	9347	9066	9169	11780	12502	14185	15260	13357	11342	252,696
12722	11494	11245	11133	10828	10219	9157	8361	8218	7608	8249	8084	6073	9102	9520	9017	282,431
13385	13675	12924	12287	9602	9307	10851	12138	13135	13021	11443	11009	11542	11799	11589	11627	275,748
8739	9745	10377	11258	11542	11650	11353	12580	12793	12796	12825	12596	13931	14035	12879	10811	344,921
14331	12443	11562	12801	12544	13661	13676	12967	11779	13056	14007	15740	13838	14446	13520	12560	445,787
5817	6208	7529	7120	9544	9170	7865	7045	6758	5485	5115	4725	4821	8049	6183	6898	201,788
10824	11322	12111	12226	13404	14097	13747	11000	9763	9044	8390	7663	6614	5783	5268	4974	296,066
5962	4734	4318	4749	5869	7548	9605	9657	8668	7661	6974	6116	5930	5467	5763	6712	198,635
8258	9716	11258	14370	15780	16976	18660	19581	20134	22549	20831	19423	19484	17472	16500	16839	420,677
13344	13777	13270	16615	16751	16930	12150	11422	10232	9262	8674	9657	10360	11241	12253	12790	376,769
12839	13525	15234	17567	18162	21254	21745	21221	20507	20419	18681	18502	18627	17475	15608	14326	473,187
9040	7963	7080	6054	5228	4541	4530	4240	4322	4512	4193	4039	4271	4133	3980	3901	165,797
7912	7673	6667	6028	5170	5073	4941	4367	4461	3891	3735	3766	3548	4148	4736	5599	187,181
4443	3907	4219	3777	4241	5448	5761	5254	6612	7773	7721	7030	7495	6624	6412	7610	140,409
6170	5872	5189	5656	6199	6284	6047	5717	6431	7609	7251	7021	6491	6557	6308	6731	203,229
4947	5397	5940	6891	8164	8736	9586	10149	11480	11133	10794	10233	9380	9276	9198	9029	226,458

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16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5217	4718	4390	4612	4450	4067	3541	3436	3300	3616	3077	2668	2626	2656	2468		133,388
5822	6402	5725	5429	5117	4791	4493	4427	4650	4756	4986	4527	4024	3902	3701		181,187
10063	9640	9076	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9620	9795		313,677
4025	4112	3762	3506	3582	3899	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
5675	5343	5416	5806	6450	7091	7389	7317	7137	6536	6639	5948	5117	4311	3963		202,998
6365	5913	5539	5241	5054	5103	5241	4827	5035	4560	3994	3917	3466	3540	3407		189,412
4759	4962	5051	5334	5103	4813	4215	3548	3663	3798	3631	3738	3439	2971	2842		148,619
7075	5426	5872	5465	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		226,853
4629	4940	4145	3728	3705	3597	3301	3091	3292	3073	3074	2960	2558	2418	2328		150,554
8634	9085	9759	9926	9710	9794	10313	10051	8978	7663	6885	5212	6591	7034	8135		270,405
9851	10513	9666	9533	8704	8506	7928	7135	6408	6270	5838	6263	5806	5949	5691		219,788
7157	6711	6738	5654	6755	6336	5380	5359	5239	5328	5419	5276	5236	4724	5238		259,400
11011	10254	12398	12700	11478	10079	9372	9297	9415	9046	7988	6975	6975	6895	7248		261,782
6412	6407	5971	5393	5339	5530	6370	6895	7728	7651	7570	9407	8426	6267	6387		171,589
7071	6687	6408	5760	5610	6345	6853	6183	6245	5718	4168	4196	3928	3926	4004		209,560
6508	7847	7142	6561	7223	7256	7356	6194	6500	5871	6087	5776	5995	6042	5603		261,262
8295	5975	5046	5144	5582	5863	5954	5085	4971	5504	4690	5019	5141	5358	5073		256,006
7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4595	4903		250,783
7660	7663	7262	6877	6500	6495	6429	6326	6113	5764	5482	4985	4572	4104	3620		181,078
6316	5860	5021	4575	4208	3639	3074	3303	3094	3080	2997	3013	2624	2403	2652		166,673
3622	3499	3333	3142	2892	2500	2296	1987	1932	1762	1736	1707	1359	1273	1116		114,693
7656	8035	7180	7671	7508	8388	7736	7496	6954	6273	6728	6529	5658	5148	4695		212,699
8426	8475	8999	7644	7509	7389	7767	6572	5182	5102	4624	4128	4222	4719	4569		205,952

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1941	2322	2843	2089	1927	1952	1710	1674	1575	1513	1437	1337	1296	1213	1239	1231	1251
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108	2075	1899	1811
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5338	5040	5053
1944	3009	3102	2688	2700	2403	2513	2194	2012	1856	1938	1857	1698	1642	1590	1519	1492
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2525	2395	2179	2136
1946	3394	3363	3476	3227	3104	2957	2713	2600	2587	2373	2365	2246	1949	1915	1811	1859
1947	2727	2594	2661	2701	2632	2476	2407	2450	2533	2120	2258	2132	1940	1871	1856	1816
1948	3652	3480	3140	2965	2676	2504	2408	2250	2112	2067	1899	1818	1814	1736	1500	1565
1949	2345	2343	2200	2079	2070	2094	2268	2117	1900	1699	1705	1663	1639	1500	1431	1390
1950	8217	8402	7729	7180	6707	6330	6036	5799	5235	4788	4579	4039	3874	3507	3213	3069
1951	5444	5457	5231	5184	5226	4499	4307	4060	3798	3821	3636	3400	3003	2998	2945	2941
1952	5148	4151	3933	4258	3817	3764	3946	3333	3218	3076	3153	3534	3350	3127	2917	2564
1953	7247	7189	6740	6586	6778	6162	6786	6035	6033	5389	5294	5022	4693	4610	4453	3795
1954	5059	4927	4530	4360	4450	4445	4158	4179	3573	3417	2920	3120	2938	2706	2548	2893
1955	3573	3194	2743	2575	3036	2560	2432	2283	2303	2361	2751	2133	2506	2405	2116	2312
1956	5241	4804	4439	4294	3976	3925	3941	3803	4020	3267	3594	3423	3990	3354	3340	3070
1957	4756	4563	4422	3840	3605	3351	3239	2994	2949	2714	2453	2702	2577	2536	2372	2206
1958	4113	3464	3513	3324	3253	3197	2968	2733	2766	2530	2621	2242	2188	2170	2145	1957
1959	3049	2511	2563	2622	2476	2299	2350	2239	2162	1850	1836	1945	1737	1701	1512	1605
1960	2124	2136	2040	1947	2087	2066	1700	1751	1572	1647	1470	1423	1219	1275	1230	1236
1961	775	948	1290	1291	1274	1279	1189	1123	1063	1062	975	961	960	960	926	878
1962	4588	4326	3991	3533	3329	2993	3096	2914	2549	2627	2431	2345	2388	2341	2261	2074
1963	3998	3563	3599	3904	3691	3719	3327	3187	3137	3029	2802	2678	2461	1975	2599	2369

JULY

CHART NO. 2

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1233	1251	1217	1219	1147	1113	1090	1041	994	966	947	900	891	1141	1079	1040	920	41,666
1890	1811	1790	1896	1991	1530	1473	1450	1417	1356	1337	1200	1290	1198	1181	1151	1045	60,726
5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3149	2645	2638	179,799
1519	1482	1511	1455	1401	1317	1294	1347	1321	1293	1251	1259	1179	1149	1118	1029	1004	53,191
2179	2136	2081	1791	1789	1709	1623	1644	1594	1535	1447	1328	1282	1212	1209	1232	1191	89,904
1811	1858	1687	1744	1645	1532	1456	1553	1504	1382	1342	1296	1333	1380	1414	1356	1285	63,997
1856	1816	1793	1801	1678	1494	1436	1402	1356	1253	1209	1146	1140	1105	1006	1052	1092	57,047
1500	1565	1577	1497	1354	1350	1365	1348	1296	1181	1125	1020	920	914	969	968	864	53,499
1431	1390	1295	1296	1195	1083	1083	1000	1099	1043	973	927	925	945	930	894	870	45,940
3215	3069	3035	2918	2518	2462	2319	2270	2040	2003	1953	1902	1736	1682	1755	1678	1559	120,856
2945	2441	2681	2766	2443	2407	2338	2136	2153	1912	1889	1946	1715	2222	1676	2212	1541	97,845
2507	2564	2220	2354	2504	2121	2195	1904	2106	1910	1964	1658	1702	1727	1595	1745	1668	86,232
4453	3795	3274	3260	2872	2699	2313	2436	2277	2097	2154	1909	1863	1861	1785	1563	1679	127,172
2548	2693	2686	2509	2463	2045	1967	2100	1813	1836	1833	1802	1693	1682	1664	1442	1389	89,478
2115	2312	2027	2196	1963	1824	1660	1616	1597	1634	1628	1422	1295	1371	1444	1444	1421	65,969
3340	3070	2439	2619	2617	2253	2504	2517	2361	1953	1953	1952	1933	1975	1902	1896	1778	94,948
2372	2286	1967	1915	1697	1672	1751	1647	1587	1464	1439	1373	1373	1348	1344	1305	1422	74,153
2145	1957	2025	1977	2094	1820	1808	1779	1840	1685	1687	1594	1505	1576	1489	1527	1609	71,233
1512	1685	1533	1341	1394	1406	1230	1373	1238	1175	1085	1093	1056	1040	968	984	975	52,448
1230	1236	1115	1295	1131	983	947	1010	1011	936	924	832	738	739	776	694	752	40,787
726	876	848	749	733	727	729	760	756	750	725	700	686	760	779	781	775	26,410
2261	2074	1956	1682	1677	1647	1631	1613	1512	1502	1459	1441	1574	1555	1532	1484	1311	71,456
2575	2369	2138	1952	1565	2216	1769	1624	1606	1690	1171	1802	1480	1420	1351	1334	1282	74,304

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1941	943	873	856	848	786	713	736	738	716	702	682	1339	1262	1140	899	839
1942	1051	1009	1000	1009	967	972	930	893	929	862	878	784	756	742	745	722
1943	2477	2514	2400	2300	2308	2173	2044	1875	1896	2060	1656	1539	1630	1644	1536	1618
1944	1012	1000	1042	1027	1002	956	869	789	814	790	770	767	687	650	649	638
1945	1093	1020	1077	1025	961	978	949	1246	915	915	970	929	912	882	814	799
1946	1263	1291	1282	1219	1224	1116	1099	1089	1088	963	934	901	896	854	844	847
1947	1040	1022	973	900	909	872	838	748	790	737	721	714	644	654	653	672
1948	870	957	887	823	745	884	935	836	848	825	848	859	792	745	734	737
1949	838	765	764	646	594	604	557	571	625	625	608	662	707	727	767	764
1950	1656	1530	1525	1401	1552	1840	1590	1597	1274	1350	1471	1447	1300	1400	1136	1127
1951	1515	1605	1521	1630	1721	1769	1389	1309	1260	1341	1190	1379	927	1130	968	867
1952	1300	2104	1336	1564	1186	1213	1262	1487	1344	1243	1214	1188	998	1393	1495	805
1953	1536	1670	1619	1409	1502	1490	1492	1230	1207	1197	1105	1105	1103	1102	1226	1193
1954	1337	1312	1238	1240	1200	1192	1129	1206	1204	1180	1151	1134	1144	1141	1170	1161
1955	1262	1168	1167	971	955	864	993	930	942	994	1009	983	934	902	933	911
1956	1601	1476	1406	1438	1397	1350	1250	1294	1067	1036	1001	925	1009	999	841	807
1957	1343	1251	1170	1072	956	962	969	961	950	955	953	901	891	834	779	789
1958	1644	1641	1626	1468	1297	1268	1228	1165	1117	1108	1094	1099	1091	987	893	926
1959	1025	1069	1010	952	709	638	515	692	714	725	724	650	607	577	551	502
1960	836	794	936	893	881	838	763	721	682	634	681	636	591	624	526	511
1961	657	660	658	679	681	696	628	546	483	492	528	594	646	633	609	779
1962	1334	1277	1269	1243	1126	1152	1094	1082	956	991	964	912	960	906	869	845
1963	1062	1199	1146	1002	985	924	1025	1047	870	1159	1064	1005	748	947	888	607

AUGUST

CHART NO. 2

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
89	832	852	890	1240	962	832	879	800	714	860	776	761	767	749	724	606	26,603
95	721	674	688	646	611	596	625	597	623	626	576	605	566	578	593	608	23,417
96	1611	1784	1521	1514	1457	1400	1366	1315	1304	1280	1276	1244	1234	1211	1179	1172	51,876
99	639	631	634	626	616	591	542	536	547	534	523	529	518	537	539	503	21,642
94	788	789	750	759	726	727	710	714	720	679	646	623	594	586	590	586	25,656
94	643	614	714	753	780	735	768	802	804	835	861	868	876	874	834	829	29,187
93	672	637	619	613	589	579	586	569	535	586	567	546	521	510	523	598	21,525
97	764	626	831	763	718	654	611	594	572	560	551	566	544	539	526	541	23,529
96	1125	1017	1026	949	1001	994	1049	945	1009	1064	873	863	960	801	730	724	37,251
98	862	817	1110	825	759	841	1061	1072	835	1197	974	933	806	840	766	971	35,346
95	808	823	1074	948	1015	1137	990	1306	992	532	572	850	904	639	372	1009	34,368
98	1193	1180	1048	1066	1076	1095	1116	1035	1685	939	924	924	993	994	989	855	36,447
90	1181	1158	1055	996	955	931	1016	1009	1072	997	863	906	884	903	863	809	33,706
93	611	902	859	890	839	962	977	946	848	797	721	705	711	733	784	739	28,271
91	809	641	794	841	748	780	841	817	893	931	938	841	841	714	781	776	31,208
79	789	725	745	734	675	720	708	603	617	603	685	740	641	764	632	621	25,972
93	508	654	866	875	836	897	875	824	669	658	808	600	662	661	669	693	30,909
91	502	647	611	641	900	974	1025	1115	936	866	888	844	849	831	776	768	34,216
96	511	616	627	748	779	717	695	635	690	754	839	856	862	807	770	935	28,879
93	773	800	763	704	629	620	630	618	587	592	589	671	710	701	703	673	28,230
86	845	838	724	721	766	803	835	856	811	794	739	736	747	748	780	798	26,726
98	607	759	886	815	775	774	600	550	500	761	711	591	752	806	897	719	26,555

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1941	658	634	632	650	640	655	646	627	643	655	653	642	669	698	742	747
1942	617	631	599	595	588	588	553	521	515	500	530	534	592	524	532	638
1943	1173	1175	1155	1136	1100	1076	1048	1022	1013	957	922	914	882	917	926	889
1944	476	473	489	551	574	627	650	640	645	603	568	557	517	509	487	475
1945	610	613	606	604	569	585	584	577	609	563	575	611	579	594	563	537
1946	804	741	722	720	681	710	724	794	869	865	824	778	717	695	654	641
1947	588	614	596	570	605	589	585	630	617	645	652	640	701	705	686	676
1948	620	612	606	610	616	620	616	620	620	589	560	570	630	603	592	581
1949	544	544	528	513	489	434	437	433	450	524	541	613	630	621	637	568
1950	811	714	821	642	508	516	496	541	1084	1752	1297	928	756	984	902	843
1951	756	841	1124	617	775	617	709	570	768	848	643	616	692	904	596	646
1952	874	711	1072	997	666	855	692	321	630	656	874	783	756	2173	1067	756
1953	885	982	976	943	934	897	893	883	850	840	823	811	811	801	800	776
1954	797	742	704	683	679	637	635	617	576	629	644	699	697	664	773	774
1955	709	631	574	569	598	609	575	591	575	554	663	663	663	599	604	628
1956	838	890	885	830	882	862	930	1008	990	1003	1061	1055	1050	1054	1091	1090
1957	743	793	843	950	1013	1006	980	851	905	916	872	899	868	868	864	891
1958	777	732	824	920	1033	1148	1123	1076	958	577	997	936	1040	948	958	1061
1959	790	824	1025	976	921	812	788	570	618	678	587	696	874	900	1062	1242
1960	872	747	680	686	1051	811	853	846	633	688	721	747	776	884	924	1033
1961	565	568	593	574	645	637	568	556	525	559	623	656	698	656	604	513
1962	838	842	779	789	768	809	819	801	789	736	731	771	817	839	841	857
1963	1037	1188	920	844	870	865	887	890	887	873	783	730	840	784	1015	864

SEPTEMBER

CHART NO. 2

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
742	742	743	727	686	699	710	725	725	725	725	731	727	711	714	715		25,659
632	632	623	623	601	620	635	652	666	615	634	572	557	575	536	544		17,670
626	649	662	617	783	787	738	829	853	840	891	815	850	824	862	899		25,940
477	475	477	474	547	606	663	707	689	672	658	636	624	630	629	500		17,364
743	747	576	589	624	630	644	691	829	875	951	963	782	675	681	656		19,573
674	641	670	725	793	857	893	893	889	892	827	783	742	691	682	661		22,967
676	676	637	591	636	627	606	607	615	617	617	619	592	544	582	590		18,604
912	591	525	537	499	474	508	483	504	538	562	590	725	757	806	760		17,673
637	588	536	557	502	505	489	474	485	503	508	507	503	466	472	534		15,967
942	840	697	804	841	850	846	769	716	712	678	700	750	801	852	938		24,532
936	646	736	600	534	318	805	298	729	717	778	633	704	924	766	812		21,275
1007	746	1032	687	716	1311	1300	613	623	525	825	356	1466	1090	575	592		25,554
800	778	725	729	756	754	773	822	739	774	736	651	606	604	604	617		23,814
773	774	754	847	871	824	793	723	685	682	753	660	699	625	653	711		21,192
634	640	636	741	824	840	725	693	608	651	804	821	862	844	768	745		25,377
1094	1098	967	932	885	839	839	762	731	744	744	822	842	804	935	1057		27,942
864	851	636	843	881	877	883	931	962	908	901	915	934	870	863	875		26,285
930	1051	1006	1004	878	934	920	826	732	632	625	798	839	646	649	648		27,212
1062	1242	1330	1302	1269	1276	1516	1625	1671	1503	1286	1313	1497	1580	1595	1512		33,817
924	1013	919	853	815	835	890	861	873	806	645	301	636	545	380	351		23,132
634	513	501	732	713	744	749	746	746	754	726	670	593	568	575	579		19,136
841	857	859	848	821	775	791	744	847	895	911	896	863	866	867	934		24,793
1015	864	798	898	969	1013	1265	1148	1214	1185	1367	1055	944	848	915	742		28,368

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1941	718	694	674	665	691	724	752	797	732	715	591	676	783	804	698	902
1942	567	748	695	662	697	665	659	684	435	501	439	605	740	744	844	593
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940	1122	939	927
1944	571	563	702	630	554	718	635	636	619	646	652	635	617	611	652	642
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865
1947	536	648	599	703	619	638	645	518	632	876	803	947	941	874	777	822
1948	631	616	536	551	715	779	728	755	791	697	698	742	742	750	748	751
1949	513	562	575	793	753	948	943	896	835	860	996	849	858	816	827	851
1950	1049	1161	967	968	1027	995	1027	1090	1056	1262	1146	973	950	930	967	971
1951	919	1440	1748	1289	992	1114	1240	1236	681	948	1368	808	1358	1565	941	1751
1952	645	583	1512	748	854	548	1020	719	1197	564	693	793	494	892	949	837
1953	701	689	673	666	635	676	694	799	683	867	581	894	756	930	931	955
1954	732	733	736	736	742	757	791	806	833	841	863	873	884	894	906	995
1955	694	633	621	702	762	793	793	802	815	863	901	922	916	872	883	888
1956	1102	1176	1138	1136	1134	1096	1092	1092	1090	1088	1056	1065	1082	1096	1112	1025
1957	801	742	720	731	741	752	779	794	791	799	805	813	819	826	840	851
1958	964	995	1029	995	986	991	990	964	692	652	594	667	818	824	830	817
1959	1404	1312	1188	1157	947	1024	989	1069	1213	1477	1575	1772	1991	1569	1666	1571
1960	382	395	401	411	482	550	681	862	1108	1195	1322	1116	906	844	816	715
1961	602	753	864	972	887	765	714	706	764	879	963	969	992	976	894	766
1962	850	872	748	647	830	729	828	747	937	1148	1471	1452	1927	1700	1879	1823
1963	857	688	757	910	895	966	970	987	965	940	952	921	900	889	902	930

OCTOBER

CHART NO. 2

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
698	902	2533	1954	1566	1420	1187	922	936	860	694	863	958	909	675	1000	871	31,600
844	563	683	718	692	895	720	764	720	760	651	626	702	712	737	835	699	21,282
930	927	1006	876	1012	883	1121	1084	1005	1054	1188	1448	1202	1294	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	748	689	777	946	792	814	838	768	797	776	765	800	761	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	821	2130	1453	1233	1063	981	1002	977	947	915	850	813	954	995	1143	1120	26,122
748	751	778	783	780	781	782	722	738	741	735	736	734	675	686	685	735	22,321
827	893	825	834	746	748	753	812	826	825	852	818	642	689	752	835	780	24,512
967	971	971	971	971	971	971	974	973	972	972	991	1168	1274	1525	1685	1832	33,760
941	1791	1489	565	1047	1924	1634	513	702	1199	1316	1347	1554	2001	1425	1178	1302	38,636
949	837	747	966	779	863	799	1025	1016	743	807	592	862	1259	1305	621	461	25,892
931	955	941	922	974	972	956	911	760	728	896	688	688	735	783	781	693	24,929
906	996	1054	1004	996	973	872	809	821	803	799	863	842	852	881	882	823	26,366
813	688	685	678	875	837	812	798	798	792	805	805	806	812	812	848	876	25,311
1112	1025	902	948	930	928	910	955	985	993	1025	1044	1153	1338	1220	1201	1190	33,304
840	851	863	889	923	966	977	992	995	999	988	940	985	980	978	986	961	27,056
830	817	757	740	775	754	836	880	777	802	804	829	908	841	788	764	838	25,921
1666	1571	1392	1349	1287	1250	1346	1375	1324	1544	1602	1667	1650	1516	1419	1333	1345	43,454
816	715	648	655	790	721	743	742	719	594	624	757	761	894	852	860	781	23,522
894	786	765	686	641	712	707	780	847	805	791	862	975	984	1051	1032	931	26,075
1879	1823	1748	1765	1200	1250	1000	1250	1043	981	954	1091	967	1103	847	784	906	35,177
902	930	917	803	793	945	723	838	712	795	778	830	824	819	782	753	779	26,520

YEAR	NOVEMBER																		
	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	864	905	852	802	903	780	834	1387	2533	1954	1566	1420
1942	775	901	830	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	1138	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	912	818	936
1946	1031	1033	929	844	934	927	1063	971	983	972	1028	937	841	850	944	936	856	917	1115
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928	1024
1948	813	1214	1589	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883	854
1949	805	710	716	824	700	690	700	779	995	1043	1022	821	885	840	906	817	846	745	809
1950	1399	2008	1950	1257	1357	1273	1471	1657	1649	1368	1257	1343	1126	1303	1186	1125	1172	1119	1645
1951	1151	906	1003	1365	1001	1305	1093	827	1116	747	810	810	1072	1368	952	895	597	1272	1198
1952	756	753	751	748	748	736	741	749	752	767	831	976	1145	1394	1378	1152	906	814	658
1953	678	952	844	716	853	868	863	858	860	868	877	926	915	759	889	942	775	864	731
1954	812	767	764	752	728	712	703	704	716	728	742	864	885	965	972	1048	1167	1070	1037
1955	824	813	806	806	811	814	816	821	838	854	875	934	1051	1074	967	853	834	749	838
1956	1114	1199	1107	1107	1107	1111	1109	1107	1111	1097	1121	1114	1115	1111	1030	1023	997	982	920
1957	952	937	916	960	882	820	800	808	741	725	799	844	881	900	943	952	906	852	773
1958	606	567	752	930	869	764	1436	2330	1587	1366	1136	1047	1039	1157	1271	1024	891	847	862
1959	1248	1246	1243	1228	1213	1104	1097	1045	1052	992	938	1057	1023	842	725	726	747	762	919
1960	802	843	872	865	831	721	694	672	734	851	885	862	940	952	1095	905	918	1121	1136
1961	852	941	952	901	845	732	667	634	640	725	842	951	974	856	820	715	641	582	704
1962	1091	1162	1139	1025	826	734	793	884	903	1056	1252	1255	1322	1197	961	958	750	619	602
1963	689	943	720	832	956	1054	1007	1099	1526	1554	1473	1043	769	1083	1558	1547	1523	1337	936

YEAR	DECEMBER																			
	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	1836	1871	2138
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920	941
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	746	770	748	759	939	974	1002
1944	605	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640	866
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833	691
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3650	2413	1771	1670	1645
1947	1239	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991	1845
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	960	942	892	767	720	739
1949	1303	1123	1148	775	804	855	790	842	891	780	701	626	650	903	718	817	809	934	656	565
1950	1403	1398	1485	1441	1551	1450	1561	1878	1631	1645	1759	1851	1474	2107	1284	1179	1669	1304	1206	1181
1951	2369	3435	2251	2024	1569	1335	1117	853	711	916	962	1493	1337	1060	1098	754	1072	1273	1362	607
1952	723	836	920	915	848	764	755	845	916	947	991	1042	1093	1200	1139	1047	972	933	871	842
1953	1008	1002	1012	1012	996	925	958	962	969	1013	1025	962	1034	971	900	828	829	841	789	927
1954	701	705	707	711	712	741	754	777	793	818	825	813	601	793	772	753	706	688	676	619
1955	1110	920	928	942	956	973	989	1022	1034	1182	1161	923	876	919	785	871	897	1339	1641	2253
1956	897	880	886	853	905	883	952	921	988	1000	1122	1568	2196	2317	1364	1753	1428	1510	1151	961
1957	877	869	765	746	701	792	884	911	930	941	911	915	839	843	848	854	1001	1023	1052	1045
1958	909	1208	1219	1140	1171	1090	991	1164	1247	1251	1404	3044	2870	2586	1169	1251	1032	1401	1296	1109
1959	843	918	885	932	843	801	491	599	507	559	714	747	819	894	714	810	784	749	839	858
1960	851	870	986	951	749	722	684	590	555	503	546	679	734	765	821	850	901	906	903	901
1961	932	933	952	974	924	747	651	632	620	562	640	662	719	777	796	864	942	925	941	954
1962	1027	1132	1674	1987	1547	1338	1057	1415	1034	1188	826	737	806	902	1584	1156	1029	1149	1207	939
1963	715	815	774	635	870	495	1073	893	1024	746	999	1034	576	799	985	854	961	862	1121	869

NOVEMBER

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
0	894	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		
7	842	944	1562	1158	1186	1150	1007	857	703	658	1128	1793	1534	1246	1442	1412	2098		31,600
6	1206	1133	1136	1128	967	1007	1141	1106	985	1056	1056	968	1056	959	955	909	935		32,034
8	975	860	570	745	682	577	656	681	731	722	699	802	716	741	727	600	581		35,352
9	840	941	957	942	818	936	976	839	675	580	875	1004	991	1061	1096	1054	905		26,099
4	850	944	936	856	947	1115	2186	1660	1184	1328	1706	1608	1603	1713	1457	1522	1676		26,835
9	985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1061	973	998		36,107
6	912	932	981	916	883	854	638	818	790	808	803	813	831	815	818	830	784		28,797
5	840	906	817	846	715	809	684	841	645	804	1409	1474	1367	1290	1347	1205	917		26,959
6	1303	1186	1129	1172	1419	1649	1540	1597	1879	1277	1272	1388	1383	1359	1278	1232	1298		27,606
2	1368	952	895	587	1272	1198	1198	1200	1279	1051	953	831	663	1318	1231	1330	1210		42,476
5	1394	1378	1152	906	804	658	650	666	700	724	696	656	652	652	650	648	647		32,142
5	759	889	942	775	684	731	740	752	871	1990	2112	1272	1102	1310	1344	1291	1130		24,066
5	965	972	1048	1167	1070	1037	1026	946	905	861	824	769	762	757	754	749	746		29,772
1	1074	967	853	634	718	830	945	1506	1922	2120	1863	1830	1862	1713	1504	1376	1230		25,235
5	1100	1070	1003	907	882	726	1017	1446	954	932	1024	971	977	961	955	936	923		34,343
1	900	943	952	966	827	773	901	880	821	791	831	825	797	772	916	948	858		31,229
9	1157	1271	1024	891	847	862	1345	1425	1612	1404	961	968	826	648	617	646	875		26,074
3	842	725	726	747	762	619	1004	946	1013	1015	1100	1070	1230	1117	966	911	827		31,868
40	952	1095	905	918	1121	1136	1004	981	909	920	926	899	972	946	888	905	902		30,426
74	856	820	715	641	582	704	751	863	981	1124	1252	1074	998	962	971	967	913		26,921
22	1177	961	958	750	619	602	820	958	1221	1361	1407	1406	1551	1418	1407	1217	1152		25,830
59	1083	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		32,507
																			33,499

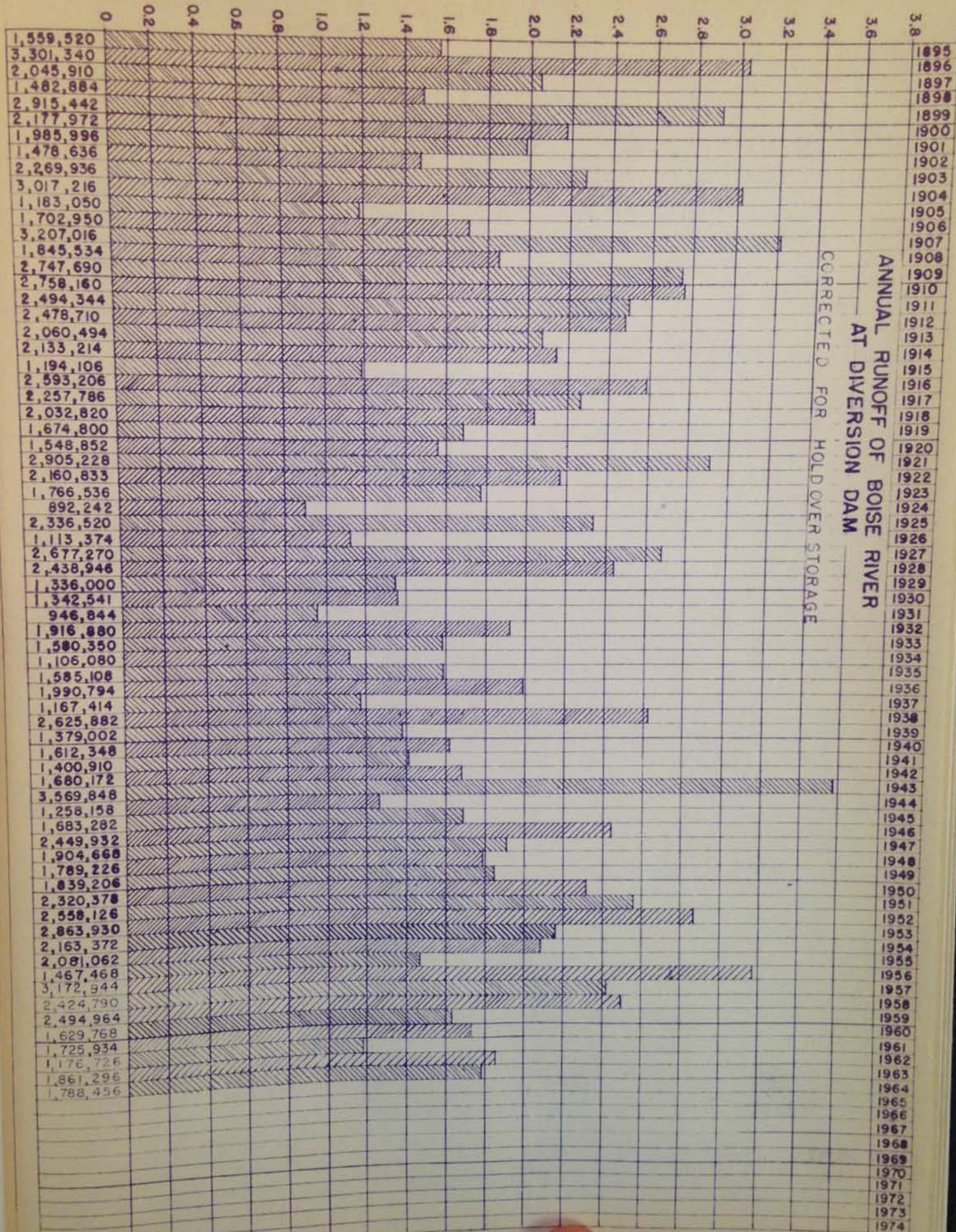
DECEMBER

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
09	1406	1372	1694	1580	1815	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
25	1116	1111	1041	1189	1052	920	942	954	1293	1140	1395	1644	1707	1173	1131	1691	1679	2620	40,891
46	746	770	746	759	939	974	1032	1003	1156	1003	943	1056	954	838	628	536	757	994	27,884
96	406	464	505	765	610	640	866	1052	818	1137	906	839	783	615	621	588	906	826	21,451
54	571	568	707	645	1040	833	691	898	803	1243	1173	1130	1000	1206	1505	3667	5249	3567	37,356
56	4053	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1266	1137	918	865	54,696
09	995	922	901	811	999	991	841	951	798	792	974	746	737	736	779	961	790	513	27,758
88	999	980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547
50	903	718	817	809	934	656	565	726	778	931	906	764	779	795	975	775	739	748	25,608
74	2107	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1148	770	907	1599	1440	41,319
37	1060	1098	754	1072	1273	1362	807	959	2049	2046	1242	1236	629	1253	1145	2220	1393	1332	43,802
23	1200	1139	1047	972	933	871	842	790	784	764	782	781	793	816	802	820	801	779	54,662
34	971	900	828	829	841	789	927	1015	1053	1097	1014	1053	901	869	764	692	771	768	28,980
01	793	772	753	706	688	676	619	612	612	605	601	600	622	674	714	792	906	957	22,560
76	919	785	771	867	839	1641	2250	2222	4108	16700	20751	11314	7381	5053	4416	3637	2728	2721	100,756
26	2317	1964	1733	1411	1113	1101	961	957	932	1021	917	911	945	823	792	795	719	770	36,611
39	843	848	854	1001	1023	1052	1045	1042	1064	1063	1022	1036	1048	1053	1044	1064	1025	916	29,064
70	2586	1169	1251	1932	1401	1296	1109	1282	1356	1241	1198	1312	1293	1269	1094	889	840	901	41,987
19	894	714	610	784	749	839	856	821	776	699	739	904	976	1023	938	804	650	620	24,257
34	765	821	890	901	906	903	901	894	882	871	856	824	748	721	704	664	646	706	23,083
19	777	796	864	942	925	941	954	974	992	999	981	939	889	817	784	801	806	807	25,936
6	902	1564	1156	1029	1149	1207	939	1127	994	1034	600	550	559	706	736	976	1145	838	32,959
6	739	985	854	961	862	1121	869	768	763	724	648	687	867	836	840	963	802	595	25,586

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 65-YEAR PERIOD, 1895 TO 1959, INCLUSIVE

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1152	1073	1619	3668	7177	8507	4285	1232	747	767	906	1140
2.	1138	1091	1627	3360	7289	8396	4137	1156	748	815	933	1166
3.	1128	1129	1655	4009	7363	8313	3970	1163	751	835	978	1123
4.	1079	1158	1645	4139	7647	8246	3817	1138	735	826	928	1142
5.	1059	1236	1688	4215	7778	8112	3674	1096	735	820	952	1072
6.	1049	1229	1718	4350	7999	8038	3466	1072	732	817	956	1064
7.	1056	1228	1722	4498	8318	8107	3354	1044	725	846	954	1033
8.	1045	1336	1815	4641	8374	8162	3226	1029	707	862	957	1006
9.	1029	1325	1956	4773	8477	8104	3106	993	723	852	958	971
10.	1032	1279	1936	5103	8577	8028	2920	959	742	853	977	984
11.	1034	1238	1940	5315	8433	7740	2777	945	746	855	993	1046
12.	1012	1222	2006	5564	8411	7716	2699	946	740	855	967	1208
13.	1004	1241	2039	6038	8434	7699	2556	914	749	868	938	1169
14.	1039	1244	2055	6456	8666	7542	2438	910	785	867	972	1148
15.	1098	1260	2103	6687	8673	7413	2315	895	768	882	958	1044
16.	1133	1293	2233	6944	8667	7368	2208	870	767	882	1053	1019
17.	1130	1308	2192	6978	8646	7150	2074	854	767	926	975	1050
18.	1150	1302	2574	7251	8795	6958	1960	840	753	909	1000	1018
19.	1145	1290	2660	7229	8729	6620	1882	832	747	904	985	1052
20.	1201	1315	2600	7094	8617	6591	1803	819	760	906	1048	1024
21.	1204	1325	2659	6974	8561	6350	1720	825	761	904	1109	1061
22.	1203	1377	2990	7182	8515	6115	1660	809	740	877	1198	1086
23.	1210	1407	3041	7229	8504	5850	1623	803	754	896	1302	1285
24.	1188	1460	3021	7299	8590	5643	1561	781	751	902	1233	1364
25.	1224	1456	3097	7310	8700	5394	1540	765	759	856	1186	1216
26.	1182	1471	3155	7472	8639	5129	1461	752	744	893	1143	1125
27.	1152	1550	3256	7627	8852	5199	1408	747	773	913	1117	1114
28.	1124	1604	3314	7580	8682	4797	1388	745	767	925	1049	1124
29.	1099	1455	3471	7456	8581	4628	1335	736	760	928	1044	1191
30.	1071		3549	7348	8442	4461	1320	734	767	911	1080	1157
31.	1095		3565		8585		1259	739		920		1134

RUNOFF IN MILLIONS OF ACRE - FEET



TOTAL MONTHLY FLOW OF COLE RIVER
FOR IRRIGATION YEARS BEG. IN

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	12380
1895-96	57040	50980	50980	73440	67660	157560	295040	515380	146420	12380
1896-97	54220	61300(3)	64600	50520	53240	87960	476000(5)	508000(6)	415000(5)	43300
1897-98	63440	64100	61500(7)	34100	67200	119280	251500	320280	293360	16048
1898-99	53262	56240	151640	160600	75640	113900	425740	606020	731400	16160
1899-00	83664	90000	97000	125420	96440	305220	380020	510720	300640	84116
1900-01	63570	51880	65060	79440	98340	179320	305940	626460	297420	165400
1901-02	56464	51882	76400	61300	90440	89920	211470	353460	267160	16720
1902-03	45630	54198	63474	81760	63570	143360	448220	520620	601880	14740
1903-04	58954	67800(7)	57500	124000(1)	108000(1)	262140	671840	828600	521060	211920
1904-05	58080	54000	54000(7)	50400(2)	56700(2)	101500	176200	229820	247660	18860
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	132000
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673380	683520	534560	365640
1907-08	57990	53778	63300	67230	63262	141130	362540	370360	324180	18500
1908-09	66440	99290	58000	138160	110650	232840	472120	605240	695220	248800
1909-10	63140	200960	124760	79900	66000	566900	609980	513560	310360	165440
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	233040
1911-12	66570	66700	63520	78420	76120	99580	342620	664180	677560	173980
1912-13	66960	67820	60680	53900	54400	101800	374960	573740	413420	138600
1913-14	63524	80180	64380	71196	74968	216040	469040	533660	307700	124130
1914-15	69680	58068	44800	59580	59726	94712	176564	274130	151500	89770
1915-16	42440	45626	53346	49930	63262	117486	555062	563720	544764	238118
1916-17	59106	54010	53702	47628	47694	61740	267082	654106	643322	238116
1917-18	46004	49506	113992	113818	77754	181542	348040	409954	461268	161120
1918-19	64492	50578	49118	50532	52844	115516	395854	509192	243872	6736
1919-20	47968	56548	52610	66528	66774	89234	189044	449730	333466	117328
1920-21	59466	75678	67106	112422	94098	271472	394484	824032	716726	173390
1921-22	55492	35088	44979	60912	53180	113612	316642	552074	659854	148066
1922-23	52172	48416	52372	62100	50860	92700	273726	454010	376206	12704
1923-24	61592	52930	51286	48974	72446	63550	136450	243200	76792	3246
1924-25	39216	53662	42912	40416	129386	192378	501162	700486	367370	12548
1925-26	50400	51394	63522	48914	64264	140448	232672	247704	105972	41132
1926-27	34812	67640	84790	63200	114630	189094	379928	665294	725602	231700
1927-28	69014	144162	97842	90008	79354	272846	316812	852194	305656	102992
1928-29	45852	53792	46212	45514	49720	101504	179094	399418	288896	18296
1929-30	39356	36848	69543	44774	64388	103616	274178	295246	257382	70234
1930-31	54512	45418	41108	44912	45296	91246	177172	251538	110862	36670
1931-32	31424	31224	36376	38612	36756	135826	336036	564176	458224	154206
1932-33	39142	56478	40596	43026	41136	64474	239342	341610	536198	16110
1933-34	41776	47614	58652	75680	75948	151356	247648	224216	96240	37212
1934-35	37058	49444	51203	52256	54336	83150	299458	420528	363262	77134
1935-36	33616	38348	37352	44112	47756	100060	577544	625906	319254	62354
1936-37	39772	36630	41356	37568	41728	80870	207338	381192	179996	60820
1937-38	36266	43828	113760	67192	71550	191326	505100	711344	958136	218292
1938-39	60628	67394	60980	52236	47170	161244	324418	341836	135300	61858
1939-40	40474	38968	47268	53938	75724	201512	355842	434480	227238	64468

TOTAL MONTHLY FLOW OF BRUISE RIVER - IN ACFT FEET

FOR IRRIGATION YEARS OF BRUISE 1894 - 1895

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
13140	395220	225700	152380	63620	58000	1,559,520
7040	551380	1464280	38120	81960	57500	3,301,340
7000(5)	508000(6)	415000(5)	143100	67250	62520	2,045,910
11500	320280	293560	116848	45708	39168	1,482,884
25740	608020	731400	356160	109640	68900	2,915,442
10020	511720	300640	84156	53496	51196	2,177,972
26940	626460	217420	116400	52222	49444	1,985,996
14470	353460	287160	16720	49456	40944	1,478,636
18220	520620	601880	14780	53000	46344	2,269,936
71640	828600	521060	211920	71972	43830	3,017,216
76200	229820	247660	7860	39870	34660	1,153,050
37920	428100	346980	152000	52410	41090	1,702,950
73380	683520	534560	335640	101600	62060	3,237,016
82440	370360	324880	148500	64920	55524	1,845,534
72120	675240	68220	226800	63690	57220	2,747,690
69980	513560	311360	110040	59970	56390	2,756,160
63960	549120	740860	233040	74906	57726	2,494,344
42620	658180	677560	173960	83380	66080	2,476,710
74960	573740	413420	15860	62564	54200	2,360,494
67000	593660	307700	134130	58742	52654	2,113,214
76564	274130	151900	13978	40126	39672	1,194,106
55062	563720	54764	23818	80122	53680	2,593,206
267682	654106	643322	26816	65224	43950	2,257,796
346040	409954	461268	112120	56300	40922	2,132,820
187654	509192	248872	67706	36404	34262	1,674,800
189044	449730	313468	117328	45166	39034	1,546,852
394484	824032	716728	173900	63068	48784	2,505,228
316642	552674	65654	148066	65210	47974	2,160,833
273726	454010	376208	132104	17152	42946	1,766,536
136450	243200	76712	35246	24426	25320	892,242
501662	703486	367370	12546	66730	47302	2,336,520
232672	247704	105672	41132	30672	29480	1,113,374
378928	665294	725602	233700	74786	55734	2,677,270
316812	852194	305656	110252	54462	41304	2,435,946
179094	359418	218156	98268	36822	32468	1,336,000
274178	255246	257382	71234	43256	34720	1,342,544
171172	251538	110862	34670	23156	24046	946,844
336006	564176	458224	156298	52212	41746	1,916,810
239342	341610	536126	16110	40282	35956	1,580,350
243618	223216	86240	37312	22622	24966	1,106,380
294458	428520	363262	17334	39022	30052	1,585,198
577544	625006	319254	62330	43272	40930	1,990,794
207438	381152	178906	60820	25916	25918	1,167,444
505100	711344	558138	211212	71120	48910	2,525,882
329418	341036	130330	68158	36134	30436	1,175,002
356812	434480	227258	69468	31130	30986	1,612,348

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM

(5) MISSING DAYS SUBSTITUTED FROM

(6) MISSING MONTHS SUBSTITUTED FROM

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS

CR = IN ADJUST

1991 = 1995

AUGUST	SEPTEMBER	TOTAL
67620	59000	1,266,520
61180	57500	3,301,340
67250	62520	2,041,510
41730	39168	1,482,884
129640	60000	2,115,442
53496	51156	2,177,972
52222	49344	1,185,906
49400	40044	1,478,636
53000	46344	2,369,036
71072	43800	3,017,216
39070	34600	1,183,050
52410	41000	1,732,950
101600	67500	3,227,016
64020	51524	1,845,534
63690	57220	2,747,690
59970	56300	2,756,160
74906	57728	2,494,344
83300	66000	2,478,710
82564	54200	2,365,494
58242	52654	2,113,244
40526	39072	1,134,106
80402	53680	2,503,206
65224	43950	2,257,716
56000	40922	2,032,820
36404	34262	1,674,800
40516	39034	1,546,662
63068	46714	2,905,228
65210	47574	2,460,833
67112	42546	1,766,136
24426	25320	892,242
61730	47302	2,336,520
31072	29480	1,113,374
74716	57734	2,677,270
54462	41304	2,438,946
31022	32488	1,336,000
43256	34720	1,342,544
23156	24046	946,044
52112	41746	1,946,650
40530	37756	1,590,350
22620	24060	1,106,980
34022	30032	1,580,106
41072	40930	1,900,734
25716	29950	1,167,444
71190	46910	2,625,880
36114	39136	1,478,002
31100	30086	1,612,348

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM 1900

(5) MISSING DAYS SUBSTITUTED FROM 21 YEAR MEAN

(6) MISSING MONTHS SUBSTITUTED FROM 21 YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS

TOTAL MONTHLY FLOW OF BOISE RIVER -
FOR IRRIGATION YEARS BEGINNING 1894

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1900-01	53168	59764	56634	54260	65368	113448	188300	365336	266776	107332
1901-02	48552	63200	106638	62162	62162	87804	341662	325676	362374	137452
1902-03	42564	64068	81762	153100	116564	235138	1006532	722904	627754	252598
1903-04	61802	70704	55768	49412	52610	68064	164000	303208	247726	106382
1904-05	40828	52198	42902	56270	80144	99160	202368	473146	405946	139806
1905-06	45822	53670	74712	79530	65804	218604	639804	651660	378824	137194
1906-07	57394	72214	105392	60362	87278	181276	286398	545764	297230	114094
1907-08	56244	57582	55516	65522	60480	73396	264424	505792	457706	106372
1908-09	44642	53918	51094	49038	45674	146834	416548	506862	301108	91898
1909-10	45224	55212	51216	63188	71410	154558	406786	559496	540810	241712
1910-11	67520	64952	86638	70656	126136	128198	553712	629542	439576	195600
1911-12	77272	64264	87604	69400	77508	105282	671898	892574	518900	172464
1912-13	51764	48172	54662	101282	88560	126710	330196	403576	583564	254344
1913-14	49056	59544	57108	61536	93274	149716	382042	596132	343118	178956
1914-15	52732	50470	45120	47482	40446	56692	129822	397270	419130	131938
1915-16	50622	60686	205318	147514	104510	228258	636502	841354	582534	185896
1916-17	66608	62454	69232	52640	92880	194052	361256	753638	518012	148036
1917-18	54112	52148	58128	53682	121836	124694	323768	946374	501566	142466
1918-19	51842	63756	83974	76466	69732	92542	276734	331594	362156	104756
1919-20	66906	60852	48514	51064	64530	172830	358098	374362	333750	81774
1920-21	47044	53612	47966	42454	58630	91230	172064	298618	229386	56820
1921-22	52130	51560	51872	51554	78326	83772	407896	406498	429398	142912
1922-23	70954	65044	65948	43612	147122	91904	180248	452916	411904	147758

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894-1895

ARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
13448	181300	365336	266776	10332	53206	41316	1,400,910
67104	341662	325676	362374	67452	46774	35340	1,600,172
35138	1006532	722904	677754	392998	103756	56098	3,569,848
60094	164000	303200	247720	106362	43664	34768	1,258,158
99160	232368	473146	405946	139806	51316	35146	1,683,282
218604	639804	651660	370824	137194	58374	45934	2,449,932
161276	289398	545764	297230	114094	43090	37208	1,904,668
73396	264424	505792	457706	104372	44612	36560	1,789,228
146834	416548	568862	301108	91898	40464	31126	1,899,206
154598	407786	589496	540810	241712	74502	49264	2,320,378
120196	553712	636642	439576	195690	70636	42580	2,530,126
106282	674890	899574	519900	172464	68736	51108	2,863,930
126710	330196	403576	583564	254344	72894	47628	2,163,372
140716	382042	596132	343118	178956	67416	42364	2,061,062
56692	129622	397270	419150	131938	56542	40794	1,467,468
226258	636002	841354	562584	197096	62418	55064	3,172,944
194092	361256	753038	518012	148306	51944	53370	2,424,790
124594	323768	946374	501506	142466	61766	54424	2,494,964
92542	276734	331594	362150	104456	48432	67634	1,629,768
172180	398996	374362	333750	81174	45728	46344	1,725,934
91230	172064	298618	220396	56830	40060	38212	1,176,726
83772	407896	436498	425998	142912	57452	49506	1,861,296
91904	180248	452916	411904	148758	53340	56736	1,788,456

DISCHARGE IN SECONDS
BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13
NEW YORK CANAL				74	600	796	800	800	300	300	300	300	300
PENITENTIARY													
BUBB (SOUTH BOISE)													
RIDENBAUGH				47	153	87	87	81	82	57	70	81	79
SETTLERS													
THURMAN MILL													
CRUZEN (CONSUMERS)	10	10	9	9	8	8	7	7	6	6	6	6	6
BOISE CITY													
FARMERS UNION & B.V.				88	131	103	102	104	104	0	0	0	0
NEW UNION							8	8	8	0	0	0	0
NEW DRY CREEK					111	108	116	110	110	110	108	99	96
BALLANTINE													
MIDDLETON CANALS													
LITTLE PIONEER													
CANYON COUNTY													
EAGLE ISLAND CANALS													
PHYLLIS				120	120	80	80	0	0	0	0	0	0
EUROPA #1													
CALDWELL HIGH LINE						74	74	74	0	0	0	0	0
SECRET (FARMERS CO-OP)				142	141	130	40	45	82	110	110	76	107
CAMPBELL													
STERNBERG													
RIVERSIDE #2			94	102	103	103	103	103	103	103	103	112	115
PIONEER DITCH													
EUROPA #2	60	60	50	55	57	61	67	73	75	75	75	75	75
UPPER CENTER POINT	12	12	9	8	7	6	5	4	3	3	3	3	3
LOWER CENTER POINT													
MISCELLANEOUS													
TOTAL CANAL DEVIATIONS	82	82	162	615	1431	1556	1489	1409	873	764	780	752	781
RIVER AT NOTUS	304	259	264	226	217	400	676	646	400	294	259	249	212
TOTALS	386	341	426	871	1648	1956	2165	2055	1273	1058	1039	1001	993

APRIL

[illegible]

VALLEY TABLE

INCLUDING STORAGE

CHART NO. 5

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	1130	1100	1100	1130	1100	1100	1284	1316	1545	1644	1653	1672	1690	2100		26066
2		4	1	2	0	0	0	2	1	1	1	2	2	3		19
3								4	4	6	8	10	12	13		57
4	110	109	113	111	110	93	124	203	229	352	303	327	344	355		4006
5	48	48	48	48	48	48	48	48	48	47	47	47	54	63		786
6																0
7	5	5	4	4	4	4	4	3	3	4	4	5	5	6		173
8	0	0	0	0	0	0	0	156	156	170	182	182	181	193		0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1872
10	96	98	96	96	96	92	95	99	108	99	104	101	101	101		2638
11						23	23	25	70	80	90	100	105	110		53
12								20	20	20	20	20	20	20		626
13								49	49	51	53	55	57	59		140
14	15	15	15	15	17	17	17	17	17	0	0	0	0	0		373
15	0	0	147	147	147	157	145	149	151	174	186	224	218	214	256	175
16										10	15	20	25	30		2715
17	0	0	0	0	0	0	0	72	72	70	69	61	61	74		100
18	47	40	37	34	62	64	62	121	139	137	125	167	165	196		701
19										20	25	28	30	32		2569
20										12	12	12	12	12		135
21	101	100	97	95	98	101	99	105	111	115	120	124	128	132		48
22	27	30	35	40	42	45	47	47	47	49	50	52	54	56		2987
23	74	74	74	74	73	73	73	75	77	79	81	83	85	87		671
24																2163
25	3	3	4	4	4	4	4	5	5	6	7	8	9	10		164
26									4	7	10	16	23	25		85
27										12	12	12	15	15		66
28	1613	1626	1774	1768	1770	1811	1809	2029	2526	2889	3165	3225	3340	3409	3966	49412
29	195	204	616	626	718	856	1000	616	336	186	89	140	278	186	71	11005
30	1920	1920	2390	2396	2468	2667	2809	2645	2864	3075	3254	3365	3618	3595	4037	60417

DISCHARGE IN SECOND

BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW YORK CANAL	2307	2411	2075	2120	2120	2100	2140	2165	2140	2409	2393	2338	2331	2331
PENITENTARY	1	1	2	2	4	8	9	9	8	8	9	8	8	7
BUBB (SOUTH BORSE)	13	13	14	14	14	15	15	15	15	15	14	14	14	14
RIDENBAUGH	434	462	473	389	511	516	526	524	484	503	481	484	497	522
SETTLERS	79	101	100	112	111	130	130	130	130	130	130	139	139	153
THURMAN MILL	19	19	19	19	19	19	20	22	24	26	28	30	32	34
CRUZEN (CONSUMERS)	6	7	7	8	8	9	9	10	11	12	12	13	14	15
BOISE CITY	17	17	17	17	0	0	17	19	18	22	20	20	20	21
FARMERS UNION & B.V.	207	216	205	204	208	202	202	202	202	202	202	202	224	233
REX UNION	13	12	13	12	13	12	14	13	15	14	16	15	17	16
NEW DRY CREEK	39	29	38	30	29	35	37	38	38	37	37	35	34	34
BALLANTINE	19	20	22	24	25	26	26	26	26	26	26	26	26	25
MIDDLETON CANALS	112	114	116	118	120	120	124	128	131	135	134	143	148	152
LITTLE PIONEER	22	24	26	28	30	32	34	36	36	40	42	44	46	48
CANYON COUNTY	61	64	66	68	70	73	75	76	76	77	78	78	78	79
EAGLE ISLAND CANALS	28	28	28	28	55	55	55	55	55	55	55	55	55	55
PHYLLIS	298	309	298	306	307	328	353	353	349	348	349	346	346	344
EUREKA #1	28	27	26	25	24	23	22	24	25	26	26	29	31	33
CALDWELL HIGH LINE	83	119	58	57	60	60	60	56	52	50	48	47	47	48
SEEBREE (FARMERS CO-OP)	239	272	234	232	230	250	260	270	276	245	260	262	241	255
CAMPBELL	32	33	34	34	35	35	36	37	37	37	37	36	36	36
SIEBENBERG	12	12	12	13	12	13	13	13	13	13	13	13	13	12
RIVERSIDE #2	137	142	147	150	155	159	164	170	173	174	175	176	178	179
PIONEER DIXIE	57	58	59	62	63	65	66	67	67	68	69	70	70	71
EUREKA #2	87	88	89	90	92	93	94	95	96	97	98	99	100	101
UPPER CENTER POINT	11	12	13	14	15	16	18	20	22	23	24	25	26	28
LOWER CENTER POINT	27	29	31	33	36	38	40	42	41	40	40	39	39	38
MISCELLANEOUS	15	15	15	15	25	25	25	30	30	30	30	30	30	30
TOTAL CANAL DIVERSIONS	4403	4654	4238	4224	4387	4457	4584	4645	4592	4862	4853	4826	4840	4915
RIVER AT NOTUS	43	64	341	778	736	700	598	546	627	622	616	518	434	212
TOTALS	4446	4718	4579	5002	5123	5157	5182	5191	5214	5484	5469	5344	5274	5127

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1963, INCLUDING STORAGE

MAY

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
140	2409	2393	2338	2331	2331	2411	2515	2623	2623	2629	2629	2595	2634	2629	2797	2819	2819	2819
8	8	9	8	8	7	6	4	9	9	7	5	0	0	2	3	3	4	7
15	15	14	14	14	14	14	13	13	13	13	13	14	13	13	13	12	12	12
484	503	481	494	497	522	551	556	587	595	598	602	603	612	609	618	617	610	605
130	130	130	139	139	153	159	169	179	187	196	196	198	198	198	198	198	198	201
24	26	28	30	32	34	36	38	40	42	44	46	48	50	50	48	46	45	45
11	12	12	13	14	15	15	16	17	17	18	18	16	18	18	18	18	18	18
18	22	20	20	20	21	23	27	29	31	30	29	31	31	31	32	32	32	32
202	202	202	202	224	233	244	244	252	252	254	262	276	276	276	276	275	274	271
15	14	16	15	17	16	18	17	19	18	20	19	20	19	20	19	20	19	20
38	37	37	35	34	34	61	53	58	52	58	59	85	85	86	87	89	87	87
26	26	26	26	26	25	25	25	25	25	25	25	25	25	24	24	24	23	23
131	135	139	143	148	152	156	160	164	168	170	172	168	164	160	156	152	148	144
36	40	42	44	46	48	50	52	54	56	58	59	58	57	56	55	54	53	52
76	77	78	78	78	79	80	80	81	82	82	83	84	85	86	87	88	89	90
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	54	54
349	348	349	346	346	344	357	378	405	403	305	458	416	461	448	457	449	456	489
25	26	26	29	31	33	34	36	37	39	41	42	40	39	38	37	35	34	33
52	50	48	47	47	48	83	92	94	92	94	83	83	93	93	93	96	96	84
276	245	260	262	241	255	270	284	297	317	327	337	339	341	359	358	358	343	341
37	37	37	36	36	36	36	35	35	35	35	34	34	34	34	34	33	33	33
13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14
173	174	175	176	178	179	180	181	182	184	185	186	187	188	189	190	190	191	192
67	68	69	70	70	71	72	73	74	74	75	76	77	77	76	75	74	73	72
96	97	98	99	100	101	102	103	104	105	106	107	108	108	107	106	105	104	103
22	23	24	25	26	28	29	31	32	34	35	37	38	39	38	36	35	33	32
41	40	40	39	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	29
4592	4862	4853	4826	4840	4915	5147	5317	5544	5586	5537	5708	5705	5776	5768	5944	5947	5917	5927
622	622	616	518	434	212	100	73	63	51	54	67	73	812	2570	3670	4100	4300	4380
5214	5484	5469	5344	5274	5127	5247	5390	5607	5637	5591	5775	5778	6588	8338	9614	10047	10217	10307

BOISE VALLEY CANALS

OF 1963, INCLUDING STORAGE

CHART NO. 5

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
11	2515	2623	2623	2629	2629	2595	2634	2629	2757	2819	2819	2819	2819	2819	2971	2971	77502
6	4	9	9	7	5	0	0	2	3	3	4	7	8	8	11	11	181
14	13	13	13	13	13	14	13	13	13	12	12	12	11	11	11	10	410
51	556	587	595	598	602	603	612	609	618	617	610	605	605	614	614	615	17027
59	169	179	187	196	196	198	198	198	198	198	198	201	201	201	204	204	4999
36	38	40	42	44	46	48	50	50	48	46	45	45	45	44	44	44	1085
15	16	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	440
23	27	29	31	30	29	31	31	31	32	32	32	32	32	32	32	32	743
44	244	252	252	254	262	276	276	276	276	275	274	271	270	267	266	265	7406
18	17	19	18	20	19	20	19	20	19	20	19	20	19	19	18	19	518
61	53	58	52	58	59	85	85	86	87	89	87	87	87	85	79	77	1765
25	25	25	25	25	25	25	25	24	24	24	23	23	23	22	22	21	749
156	160	164	168	170	172	168	164	160	156	152	148	144	140	136	132	128	4418
50	52	54	56	58	59	58	57	56	55	54	53	52	51	50	49	47	1401
80	80	81	82	82	83	84	85	86	87	88	89	90	91	92	93	94	2486
55	55	55	55	55	55	55	55	55	55	55	54	54	54	54	54	54	1591
357	378	405	403	305	458	446	401	448	457	449	456	489	516	515	516	516	12209
34	36	37	39	41	42	40	39	38	37	35	34	33	32	31	30	28	977
83	92	94	92	94	83	83	93	93	93	96	96	84	84	73	64	64	2306
270	284	287	317	327	337	339	341	359	358	358	343	341	341	340	338	338	9154
36	35	35	35	35	34	34	34	34	34	33	33	33	33	32	32	32	1069
13	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	413
180	181	182	184	185	186	187	188	189	190	190	191	192	192	193	194	194	5477
72	73	74	74	75	76	77	77	76	75	74	73	72	71	70	69	68	2158
102	103	104	105	106	107	108	108	107	106	105	104	103	102	101	100	99	3089
29	31	32	34	35	37	38	39	38	36	35	33	32	30	29	27	26	828
37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	22	1007
30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	848
5147	5317	5344	5586	5537	5708	5705	5776	5768	5944	5947	5917	5927	5941	5921	6052	6039	162256
100	73	63	51	54	67	73	812	2570	3670	4100	4300	4380	4360	4380	4120	4180	44183
5247	5390	5607	5637	5591	5775	5778	6588	8338	9614	10047	10217	10307	10301	10301	10172	10219	206439

DISCHARGE IN SEC

BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13
NEW YORK CANAL	2977	2977	2977	2977	2978	2580	2335	2328	2328	2285	2275	2273	2273
PENITENTIARY	12	11	10	11	11	11	10	11	12	12	12	12	12
BUGB (SOUTH BOISE)	10	10	10	9	9	9	9	8	8	8	8	7	7
RIDENBAUGH	611	611	606	588	537	544	539	559	563	551	539	534	537
SETTLERS	204	204	204	204	182	155	155	155	155	155	155	154	157
THURMAN MILL	43	43	43	42	42	41	41	40	39	38	37	37	38
CRUZEN (CONSUMERS)	17	17	17	17	17	17	17	17	17	17	17	17	18
BOISE CITY	32	32	33	33	0	3	19	27	30	30	34	34	34
FARMERS UNION & B.V.	258	259	242	242	216	201	201	200	200	187	192	194	195
NEW UNION	19	19	19	19	18	18	18	18	18	18	18	17	17
NEW DRY CREEK	75	77	75	78	79	71	76	76	75	75	67	67	71
BALLANTINE	21	20	20	19	19	19	18	18	18	17	17	18	19
MIDDLETON CANALS	124	120	116	112	108	104	100	94	90	88	86	95	104
LITTLE PIONEER	46	45	44	43	41	39	37	36	35	34	33	33	33
CANYON COUNTY	95	96	97	98	97	95	93	91	90	88	87	89	92
EALE ISLAND CANALS	54	54	54	54	54	54	54	54	54	54	54	54	54
PHYLLIS	475	444	403	349	358	354	359	358	353	362	318	256	265
EUREKA #1	27	26	25	24	23	23	22	21	20	19	18	20	24
GALDWELL HIGH LINE	64	72	74	83	60	54	53	59	58	55	54	48	47
SEEREE (FARMERS CO-OP)	321	279	254	162	160	146	202	155	153	174	196	194	213
CAMPBELL	32	32	31	31	31	30	30	30	30	29	29	29	28
STEDENBERG	13	12	12	12	12	12	11	11	11	10	10	10	9
RIVERVIEW #2	195	196	156	177	198	198	199	200	200	201	202	202	203
PIONEER DIXIE	67	66	65	64	63	62	61	60	59	58	57	56	55
EUREKA #2	98	97	96	95	94	93	92	91	90	89	88	87	86
UPPER CENTER POINT	24	23	21	20	18	17	15	14	13	12	11	10	9
LOWER CENTER POINT	21	19	18	17	17	16	15	14	13	12	11	10	9
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5964	5890	5791	5599	5371	4995	4810	4774	4761	4708	4655	4587	4640
RIVER AT NOTUS	4300	4340	4740	5120	4740	4980	4580	3600	3310	3600	3790	3610	3170
TOTALS	10264	10230	10531	10719	10111	9975	9390	8374	8071	8308	8445	8197	7810

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1963, INCLUDING STORAGE

JUNE

	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
2328	2285	2275	2273	2273	2379	2513	2532	2535	2535	2749	2868	2847	2847	2847	2847	2847	2847	2847
12	12	12	12	12	12	12	12	11	11	12	9	9	10	5	6	5	5	5
8	8	8	7	7	7	8	8	8	9	9	9	10	10	11	11	12	12	12
563	551	539	534	537	564	543	556	563	579	603	601	568	607	610	604	605	594	594
155	155	155	154	157	155	158	155	169	173	176	179	178	181	183	186	188	197	197
39	38	37	37	38	39	40	40	41	42	42	42	41	41	41	40	40	40	40
17	17	17	17	18	18	19	19	20	20	20	20	20	20	19	19	19	19	19
30	30	34	34	34	33	29	29	29	29	29	32	32	32	34	32	30	32	32
200	187	192	194	195	216	244	247	250	249	250	250	250	250	250	250	250	250	250
18	18	18	17	17	17	18	18	19	20	20	20	20	19	19	19	19	18	18
75	75	67	67	71	64	71	71	71	67	71	83	83	72	75	81	60	50	50
18	17	17	18	19	20	21	22	23	23	23	22	22	21	20	19	19	18	18
90	88	86	95	104	113	122	132	142	141	140	138	137	135	134	133	131	129	129
35	34	33	33	33	34	34	34	34	34	35	35	36	36	37	37	38	38	38
90	88	87	89	92	94	96	98	100	96	93	89	86	82	78	75	71	69	69
54	54	54	54	54	54	54	54	54	54	55	55	55	55	55	55	55	55	55
353	362	318	296	265	305	289	261	271	276	316	405	360	376	380	382	372	372	372
20	19	18	20	24	26	27	28	29	29	30	30	31	31	32	32	33	33	33
58	55	54	48	47	48	47	50	55	72	68	64	61	57	57	75	74	64	64
153	174	196	194	213	215	241	216	224	227	209	319	272	324	299	313	322	340	340
30	29	29	29	28	30	31	32	33	34	35	34	34	33	33	32	32	31	31
11	10	10	10	9	10	12	13	14	16	17	17	17	17	18	18	18	18	18
200	201	202	202	203	201	200	198	197	196	196	197	197	197	197	198	198	198	198
59	58	57	56	55	57	59	61	63	64	65	65	66	67	68	68	69	70	70
91	89	88	87	86	86	85	85	84	83	82	83	83	84	85	85	86	86	86
14	13	11	10	9	12	14	16	19	22	25	26	27	28	29	30	30	31	31
14	13	12	11	11	12	13	15	16	18	19	21	22	24	25	26	28	29	29
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
774	4761	4708	4655	4587	4640	4850	5029	5031	5133	5148	5308	5742	5993	5685	5700	5702	5680	5694
300	3310	3600	3790	3610	3170	2850	3220	3120	4200	4360	3860	2770	2810	3060	3620	2720	1040	730
774	8071	8308	8445	8197	7810	7700	8249	8851	9303	9508	9368	8512	8403	8745	9320	8422	6720	6424

OF BOISE VALLEY CANALS

IN 1963, INCLUDING STORAGE

CHART NO. 5

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2513	2532	2535	2535	2749	2868	2847	2847	2847	2847	2847	2847	2847	2949	2949	2949	80350
12	12	11	11	12	9	9	10	5	6	5	5	4	5	6	6	287
8	8	8	9	9	9	10	10	11	11	12	12	13	13	13	13	288
543	556	563	579	603	601	568	607	610	604	605	594	597	595	599	596	17273
158	155	169	173	176	179	178	181	183	186	188	197	197	202	201	201	5318
40	40	41	42	42	42	41	41	41	40	40	40	39	39	39	39	1209
19	19	20	20	20	20	20	20	19	19	19	19	19	19	19	19	550
29	29	29	29	29	32	32	32	34	32	30	32	32	32	33	33	873
241	247	250	249	250	250	250	250	250	250	250	250	250	250	250	250	6993
18	18	19	20	20	20	20	19	19	19	19	18	18	18	17	16	551
71	71	71	67	71	83	83	72	75	81	60	50	52	78	78	78	2167
21	22	23	23	23	22	22	21	20	19	19	18	18	19	19	20	592
122	132	142	141	140	138	137	135	134	133	131	129	139	149	155	160	3671
34	34	34	34	35	35	36	36	37	37	38	38	38	38	38	38	1113
96	98	100	96	93	89	86	82	78	75	71	69	68	67	65	64	2399
54	54	54	54	55	55	55	55	55	55	55	55	55	55	55	55	1632
289	281	271	276	316	405	360	376	380	382	372	372	370	371	408	408	10576
27	28	29	29	30	30	31	31	32	32	33	33	33	34	34	34	818
47	50	55	72	68	64	61	57	87	75	74	64	76	70	71	66	1906
241	216	224	227	299	319	272	324	299	313	322	340	351	350	351	338	7610
31	32	33	34	35	34	34	33	33	32	32	31	30	29	29	29	933
12	13	14	16	17	17	17	17	18	18	18	18	19	19	17	15	420
200	198	197	196	196	197	197	197	197	198	198	198	200	200	198	195	9950
59	61	63	64	65	65	66	67	68	68	69	70	70	71	71	71	1918
85	85	84	83	82	83	83	84	85	85	86	86	87	88	88	86	2644
14	16	19	22	25	26	27	28	29	30	30	31	32	32	31	30	611
13	15	16	18	19	21	22	24	25	26	28	29	30	32	33	34	594
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	870
5029	5031	5103	5148	5308	5742	5593	5685	5700	5702	5680	5694	5713	5853	5896	5874	160346
3220	3820	4200	4360	3860	2770	2810	3060	3620	2720	1040	730	564	384	400	400	94688
6249	8851	9303	9508	9368	8512	8403	8745	9320	8422	6720	6424	6277	6237	6296	6274	255034

DISCHARGE IN SECOND F
BY DAYS DURING THE IRRIGATION S

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW YORK CANAL	2949	2943	2937	2875	2886	2886	2886	2886	2898	2886	2892	2920	2920	2926
PENITENTIARY	6	10	10	10	12	12	11	11	10	11	11	11	12	12
BURR (SOUTH BOIRE)	12	12	12	13	13	13	14	14	15	15	15	14	14	13
RICEWAUGH	603	599	601	597	605	605	611	611	612	612	610	599	597	598
SETTLERS	200	206	202	199	200	197	196	195	195	193	194	194	196	196
THURMAN MILL	38	38	39	39	40	41	42	42	43	43	43	42	42	42
CRUZEN (CONSUMERS)	19	19	19	19	19	18	18	18	18	18	18	18	18	18
BOIRE CITY	32	32	32	32	32	32	32	32	32	32	32	31	31	31
FARMERS UNION & B.V.	250	260	260	274	274	276	278	279	279	274	271	270	271	268
NDK UNION	16	15	15	14	13	12	11	10	10	11	12	13	14	15
NDK DRY CREEK	69	64	67	69	72	77	79	77	66	63	54	55	55	54
BALLANTINE	20	21	22	22	23	23	24	24	24	23	23	22	22	21
WIDOLETON CANALS	168	174	180	186	192	198	204	206	200	194	188	182	175	174
LITTLE PIONEER	38	35	33	33	34	34	35	35	36	37	39	42	47	52
CANYON COUNTY	62	62	62	63	63	63	64	64	64	65	66	66	67	68
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHYLLIS	429	447	469	505	507	511	515	513	509	507	505	499	497	499
EUREKA #1	35	35	35	35	35	35	35	35	35	35	35	35	35	35
CALDWELL HIGH LINE	56	68	75	87	103	119	129	44	39	41	39	42	39	37
SEBREE (FARMERS CO-OP)	340	356	357	365	367	369	372	380	382	384	391	368	364	365
CAMPBELL	28	28	28	29	30	32	33	34	35	36	34	32	30	28
STEBENBERG	14	12	11	11	12	12	13	13	14	14	14	14	14	15
RIVERSIDE #2	193	193	193	194	194	194	195	195	194	195	194	193	191	190
PIONEER DIXIE	70	70	70	70	71	71	71	71	72	72	72	72	73	73
EUREKA #2	89	89	89	90	92	94	96	98	100	102	103	104	106	108
UPPER CENTER POINT	28	27	26	26	26	27	27	27	27	27	28	28	28	28
LOWER CENTER POINT	35	36	37	37	37	37	38	38	38	38	37	35	34	33
MISCELLANEOUS	30	30	30	30	30	30	30	30	30	30	30	30	30	30
TOTAL CANAL DIVERSIONS	5884	5936	5966	5979	6036	6073	6114	6037	6032	6013	6005	5986	5977	5984
RIVER AT NOTUS	434	314	212	208	182	195	170	178	155	208	159	159	166	178
TOTALS	6318	6250	6178	6187	6218	6268	6284	6215	6187	6221	6164	6145	6143	6162

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1963, INCLUDING STORAGE

JULY

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	2086	2092	2920	2920	2926	2926	2926	2926	2926	2943	2949	2943	2937	2943	2937	2937	2953	2847	284
2	11	11	11	12	12	11	10	10	9	11	11	12	7	8	7	11	10	10	1
3	15	15	14	14	13	13	12	12	12	13	13	14	14	15	15	15	15	14	1
4	612	610	599	597	596	596	588	592	595	591	589	591	594	596	595	599	577	591	57
5	193	194	194	196	196	199	200	200	199	199	199	199	33	194	195	195	194	195	19
6	43	43	42	42	42	41	41	41	41	41	41	41	41	41	40	39	38	37	3
7	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	18	1
8	32	32	31	31	31	30	30	30	30	30	30	31	31	33	35	34	36	35	3
9	274	271	270	271	268	267	266	265	265	264	263	263	263	266	262	248	247	247	242
0	11	12	13	14	15	16	17	18	19	20	21	22	23	24	23	22	21	21	20
1	63	54	55	55	54	53	58	63	65	66	71	55	50	57	59	61	58	49	55
2	23	23	22	22	21	21	21	20	20	19	19	18	18	18	18	17	17	17	16
3	194	188	182	175	174	162	160	158	156	154	152	150	147	146	149	150	151	153	155
4	37	39	42	47	52	57	54	51	47	44	41	40	39	40	42	43	44	43	42
5	65	66	66	67	68	69	69	69	69	69	69	69	69	77	83	87	94	91	88
6	55	55	55	55	55	55	55	55	55	55	55	55	54	54	54	54	54	54	54
7	507	505	499	497	499	498	494	468	448	442	410	408	399	399	406	411	408	398	394
8	35	35	35	35	35	34	34	34	34	34	34	34	33	33	32	31	30	30	29
9	41	39	42	39	37	39	41	41	38	41	41	36	38	39	43	45	44	43	43
0	384	391	368	364	365	360	356	351	343	349	346	343	341	340	341	337	335	333	332
1	36	34	32	30	28	26	24	23	23	24	24	25	25	26	26	26	26	25	25
2	14	14	14	14	15	15	15	15	13	12	11	10	9	8	7	8	8	9	10
3	195	194	193	191	190	189	186	185	185	184	183	181	180	179	178	178	178	177	177
4	72	72	72	73	73	73	74	74	74	74	74	75	75	75	75	75	75	75	75
5	102	103	104	106	108	110	112	113	116	119	121	124	127	129	130	128	126	124	122
6	27	27	28	28	28	28	29	29	27	26	24	22	20	19	18	18	19	20	21
7	38	37	35	34	33	32	31	30	30	30	30	30	30	30	29	29	29	29	29
8	30	30	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29
9	6013	6005	5986	5977	5964	5968	5951	5922	5887	5903	5870	5839	5615	5839	5847	5846	5735	5714	5689
0	208	199	199	186	178	195	186	182	178	199	190	190	199	186	226	230	264	268	259
1	6221	6164	6145	6143	6162	6163	6137	6104	6065	6102	6060	6029	5844	6025	6073	6076	5999	5982	5948

BOISE VALLEY CANALS

OF 1963, INCLUDING STORAGE

CHART NO. 5

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
26	2926	2926	2926	2943	2949	2943	2937	2943	2937	2937	2853	2847	2847	2853	2853	2847	90063
11	10	10	9	11	11	12	7	8	7	11	10	10	10	10	8	9	313
13	12	12	12	13	13	14	14	15	15	15	15	14	14	14	14	14	422
96	588	592	595	591	589	591	594	596	595	599	577	591	576	579	581	581	18471
99	200	200	199	199	199	199	33	194	195	195	194	195	195	195	192	193	5939
41	41	41	41	41	41	41	41	41	40	39	38	37	36	35	34	34	1236
18	18	18	18	18	19	19	19	19	19	19	19	18	18	18	18	18	570
30	30	30	30	30	30	31	31	33	35	34	36	35	35	34	34	34	997
67	266	265	265	264	263	263	263	266	262	248	247	247	242	241	237	237	8130
16	17	18	19	20	21	22	23	24	23	22	21	21	20	19	19	19	525
53	58	63	65	66	71	55	50	57	59	61	58	49	55	59	61	56	1917
21	21	20	20	19	19	18	18	18	18	17	17	17	16	16	16	16	621
162	160	158	156	154	152	150	147	148	149	150	151	153	155	157	158	157	5238
57	54	51	47	44	41	40	39	40	42	43	44	43	42	41	40	42	1280
69	69	69	69	69	69	69	69	77	83	87	94	91	88	86	84	84	2225
55	55	55	55	55	55	55	54	54	54	54	54	54	54	54	54	54	1695
498	494	488	448	442	410	408	399	399	406	411	408	398	394	396	390	390	14071
34	34	34	34	34	34	34	33	33	32	31	30	30	29	29	28	28	1031
39	41	41	39	41	41	36	36	39	43	45	44	43	43	42	42	41	1615
360	356	351	343	349	346	343	341	340	341	337	335	333	332	331	337	335	10970
26	24	23	23	24	24	25	25	26	26	26	26	25	25	25	24	24	858
15	15	15	13	12	11	10	9	8	7	8	8	9	10	11	12	13	369
189	186	185	185	184	183	181	180	179	178	178	178	177	177	176	176	175	5775
73	74	74	74	74	74	75	75	75	75	75	75	75	75	75	75	75	2265
110	112	113	116	119	121	124	127	129	130	128	126	124	122	120	118	117	3416
28	29	29	27	26	24	22	20	19	18	18	19	20	21	22	23	23	768
32	31	30	30	30	30	30	30	30	29	29	29	29	29	29	30	30	1017
30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29	918
968	5951	5922	5887	5903	5870	5839	5645	5839	5847	5846	5735	5714	5689	5696	5687	5675	182735
195	186	182	178	199	190	190	199	186	226	230	264	268	259	288	240	235	6633
163	6137	6104	6065	6102	6060	6029	5844	6025	6073	6076	5999	5982	5948	5984	5927	5910	180368

DISCHARGE IN SECOND

BY DAYS DURING THE IRRIGATION

AUG

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
NEW YORK CANAL	2853	2847	2886	2886	2886	2886	2886	2886	2886	2881	2881	2856	2870	2875	2875
PENITENTIARY	10	9	10	10	9	9	9	10	10	0	8	7	7	5	
BOBO (SOUTH BOISE)	14	14	14	15	15	15	14	14	14	13	13	12	12	12	
RIDENBAUGH	578	579	577	581	578	582	586	586	586	572	577	577	563	568	
SETTLERS	192	190	190	189	190	190	190	186	185	183	183	183	180	182	
THURMAN HILL	34	33	33	33	32	32	31	31	30	30	29	29	28	28	
CRUZEN (CONSUMERS)	18	18	18	17	17	17	16	16	15	15	14	14	13	13	
BOISE CITY	34	34	34	34	35	35	35	34	34	34	34	34	34	33	
FARMERS UNION & B.V.	242	243	249	249	250	250	246	243	235	231	229	229	225	232	
ND. UNION	18	18	17	17	16	15	15	15	15	15	15	15	15	14	
NEW DRY CREEK	56	54	50	49	47	46	51	54	48	49	48	49	52	51	
BALLANTINE	15	15	15	15	14	14	15	15	17	18	19	20	20	20	
MIDDLETON CANALS	156	155	153	151	150	150	150	150	149	149	149	149	149	149	
LITTLE PIONEER	44	48	49	50	50	48	46	44	42	41	40	39	39	39	
CANYON COUNTY	83	83	82	81	80	80	80	80	80	81	81	81	79	77	
EAGLE ISLAND CANALS	54	54	54	54	54	54	54	54	54	54	54	54	54	54	
PHYLLIS	382	378	375	366	372	363	377	396	411	418	407	401	381	378	
EUREKA #1	30	32	33	34	35	34	33	32	31	30	30	29	29	29	
CALDWELL HIGH LINE	42	43	41	42	43	48	45	44	44	44	43	43	42	36	
SEEDS (FARMERS CO-OP)	356	363	360	370	367	372	380	380	379	378	376	369	368	361	
CAMPBELL	24	24	23	23	23	22	22	21	21	21	20	20	20	19	
STEBENSBERG	14	15	16	17	18	19	20	18	17	16	15	14	13	12	
RIVERSIDE #2	174	173	173	172	171	172	171	169	167	165	163	161	158	156	
PIONEER DIXIE	76	77	78	79	80	80	81	81	81	81	81	81	81	81	
EUREKA #2	113	109	105	101	97	94	92	94	96	98	100	102	104	106	
UPPER CENTER POINT	23	23	23	23	23	23	23	22	22	21	20	19	18	17	
LOWER CENTER POINT	29	27	26	24	23	22	21	22	23	24	26	28	30	31	
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
TOTAL CANAL DIVERSIONS	5693	5692	5719	5711	5704	5701	5713	5727	5716	5691	5664	5658	5613	5607	559
RIVER AT NOTUS	226	208	226	244	263	235	208	195	195	240	278	278	268	264	2
TOTALS	5919	5900	5945	5955	5987	5936	5926	5922	5911	5931	5942	5936	5986	5971	575

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1963, INCLUDING STORAGE

AUGUST

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
286	2881	2881	2856	2870	2875	2875	2875	2875	2858	2858	2864	2858	2858	2858	2892	2892	2892	2898
10	10	0	8	7	7	5	5	5	6	6	5	4	5	5	5	11	11	11
14	14	13	13	12	12	12	12	13	13	13	13	13	12	12	12	12	12	12
586	586	572	577	577	563	561	567	568	565	566	564	572	566	566	563	563	558	561
186	185	183	183	183	180	182	185	176	185	175	177	180	178	179	179	179	179	180
31	30	30	29	29	28	28	28	28	27	27	27	27	27	27	27	27	27	27
16	15	15	14	14	13	13	14	14	15	15	16	17	17	17	17	16	16	16
34	34	34	34	34	34	33	33	33	33	32	32	32	32	32	32	33	33	33
243	235	231	229	229	225	232	232	236	244	247	250	253	252	251	249	248	246	245
15	15	15	15	15	15	14	14	14	14	14	14	13	13	13	13	13	12	12
54	48	49	48	49	52	51	50	52	52	52	51	52	59	57	56	52	51	51
15	17	18	19	20	20	20	20	19	19	19	18	18	17	17	16	16	15	15
150	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149	149
44	42	41	40	39	39	39	39	38	38	38	38	38	39	39	39	39	39	39
80	80	81	81	81	79	77	75	72	70	68	66	63	60	57	54	51	48	46
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
396	411	418	407	401	381	378	378	371	380	375	370	370	377	375	374	369	379	373
32	31	30	30	29	29	29	29	29	30	30	30	30	30	30	31	31	31	32
44	44	44	43	43	42	36	35	36	36	33	32	32	30	30	31	41	46	49
380	379	378	376	369	368	361	338	327	347	343	337	331	324	335	338	341	337	340
21	21	21	20	20	20	19	20	21	22	23	24	25	26	25	25	24	24	23
13	17	16	15	14	13	12	12	12	11	11	11	10	10	10	11	11	11	12
169	167	165	163	161	158	156	157	157	158	158	159	159	159	159	158	158	157	157
81	81	81	81	81	81	81	80	79	78	77	76	75	74	73	73	72	72	71
94	96	98	100	102	104	106	106	106	107	107	107	107	108	107	106	105	104	102
22	22	21	20	19	18	17	18	19	20	21	22	23	25	25	25	26	26	26
22	23	24	26	28	30	31	31	30	30	29	29	28	28	29	29	30	30	31
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	30	30	30
5727	5716	5691	5664	5658	5613	5607	5585	5562	5589	5569	5564	5562	5558	5560	5587	5593	5589	5595
195	195	240	278	278	268	264	212	217	240	212	240	240	264	254	259	264	268	299
5922	5911	5931	5942	5936	5986	5871	5797	5779	5829	5781	5804	5802	5822	5814	5846	5857	5857	5894

F BOISE VALLEY CANALS

OF 1963, INCLUDING STORAGE

CHART #5

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
175	2075	2058	2058	2064	2058	2058	2058	2092	2092	2092	2098	2601	2601	2601	2601	2606	87742
5	5	6	6	5	4	5	5	5	11	11	11	10	12	12	12	12	250
12	13	13	13	13	13	12	12	12	12	12	12	12	11	11	11	11	396
567	568	565	566	564	572	566	566	563	563	558	561	558	556	556	556	522	17517
185	176	185	175	177	180	178	179	179	179	179	180	168	167	166	165	165	5601
28	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	894
14	14	15	15	16	17	17	17	17	16	16	16	16	15	15	14	14	485
33	33	33	32	32	32	32	32	32	33	33	33	34	34	34	34	34	1038
232	236	244	247	250	253	252	251	249	248	246	245	237	237	237	237	236	7495
14	14	14	14	14	13	13	13	13	13	12	12	12	12	11	11	11	436
50	52	52	52	51	52	59	57	56	52	51	51	50	53	53	53	53	1601
20	19	19	19	18	18	17	17	16	16	15	15	16	16	17	17	18	526
149	149	149	149	149	149	149	149	149	149	149	149	147	145	143	141	139	4512
39	38	38	38	38	38	39	39	39	39	39	39	38	37	36	35	34	1262
75	72	70	68	66	63	60	57	54	51	48	46	51	56	61	65	70	2161
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	55	1575
373	371	380	375	370	370	377	375	374	369	379	373	386	377	386	386	385	11816
29	29	29	30	30	30	30	30	31	31	31	32	32	32	32	32	31	962
35	36	36	33	32	32	30	30	31	41	46	49	48	54	54	53	44	1294
338	327	347	343	337	331	324	335	338	341	337	340	341	344	343	340	338	10929
20	21	22	23	24	25	26	25	25	24	24	23	23	22	24	26	28	708
12	12	11	11	11	10	10	10	11	11	11	12	12	12	11	11	10	412
157	157	158	158	159	159	159	159	158	158	157	157	156	156	153	150	146	5002
80	79	78	77	76	75	74	73	73	72	72	71	71	70	68	66	65	2358
106	106	107	107	107	107	108	107	106	106	104	102	100	98	96	95	94	3166
18	19	20	21	22	23	25	25	25	26	26	26	27	27	26	25	24	705
31	30	30	29	29	28	28	29	29	30	30	31	32	33	33	34	34	876
29	29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	30	907
5585	5562	5589	5569	5564	5562	5558	5560	5587	5593	5589	5595	5289	5288	5290	5281	5236	172916
212	217	240	212	240	240	264	254	259	264	268	299	208	278	203	325	446	7937
5797	5779	5829	5781	5804	5802	5822	5814	5846	5857	5857	5894	5577	5506	5573	5606	5682	180853

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW YORK CANAL	2503	2498	2498	2294	2194	2139	2135	2135	2130	2030	2036	1939	1920	1921
PENITENTIARY	11	11	11	11	8	2	2	2	2	2	4	3	3	3
RUBB (SOUTH BOISE)	10	10	10	10	9	9	9	8	8	7	7	7	7	7
RIDENBAUGH	504	506	498	477	475	457	456	460	459	449	427	424	424	420
SETTLERS	163	159	159	141	140	139	136	127	125	124	117	109	109	108
THURMAN MILL	28	28	28	28	27	26	25	24	23	23	23	22	21	20
CRUZEN (CONSUMERS)	14	13	13	13	12	12	11	11	10	9	9	9	9	9
BOISE CITY	34	34	34	35	36	34	35	36	37	38	30	30	30	30
FARMERS UNION & B.V.	225	219	217	217	215	208	207	206	196	195	195	195	195	178
NEW UNION	12	12	12	12	11	11	10	10	9	9	9	9	9	8
NEW DRY CREEK	47	48	49	49	48	49	45	48	47	42	41	41	42	42
BALLANTINE	18	19	19	19	19	19	19	19	19	19	19	18	18	17
MIDDLETON CANALS	137	136	134	134	134	134	134	133	133	129	125	121	117	113
LITTLE PIONEER	33	31	29	27	24	22	20	18	16	16	16	15	15	15
CANYON COUNTY	75	80	85	84	83	82	81	80	79	77	75	73	71	69
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHYLLIS	379	359	341	306	307	294	299	279	280	256	243	229	233	236
EUREKA #1	31	31	31	31	32	32	32	32	33	32	31	30	29	28
CALDWELL HIGH LINE	37	43	36	35	33	32	43	44	44	50	48	54	53	51
SEBREE (FARMERS CO-OP)	303	301	297	284	282	282	282	245	243	243	243	243	243	243
CAMPBELL	30	31	32	33	34	34	33	33	32	32	31	31	31	31
STEBENBERG	10	9	9	8	8	8	8	8	8	8	7	7	8	8
RIVERSIDE #2	142	137	133	129	124	119	115	112	108	104	100	101	101	102
PIONEER DIXIE	64	63	62	61	60	61	61	62	62	63	64	63	62	61
EUREKA #2	93	92	91	90	89	88	87	86	84	82	80	79	78	77
UPPER CENTER POINT	22	20	18	16	14	13	12	11	10	9	8	8	8	8
LOWER CENTER POINT	34	35	35	35	36	35	34	33	32	31	29	28	26	24
MISCELLANEOUS	30	30	30	30	27	27	27	27	27	27	27	27	27	27
TOTAL CANAL DIVERSIONS	5044	5010	4966	4664	4586	4423	4414	4344	4311	4171	4099	3970	3944	3910
RIVER AT NOTUS	646	658	640	628	604	593	604	712	778	742	736	640	581	548
TOTALS	5690	5668	5606	5292	5190	5016	5018	5056	5089	4913	4835	4610	4525	4508

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1953, INCLUDING STORAGE

SEPTEMBER

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
15	2135	2130	2030	2036	1939	1920	1920	1874	1777	1685	1580	1576	1507	1512	1412	1423	1444	1418
2	2	2	2	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2
9	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
56	460	499	449	427	424	424	420	410	396	384	417	362	344	336	315	319	311	311
36	127	125	124	117	109	109	108	96	89	89	76	71	70	70	69	69	66	65
25	24	23	23	23	22	21	20	20	19	18	17	16	15	15	14	13	13	14
11	11	10	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8
35	36	37	38	30	30	30	30	29	29	28	28	28	23	17	8	8	7	8
107	206	196	195	195	195	195	178	178	178	160	158	147	135	135	113	113	124	125
10	10	9	9	9	9	9	8	8	8	8	7	7	7	7	6	5	5	5
45	48	47	42	41	41	42	42	42	42	42	42	42	42	42	42	42	42	43
19	19	19	19	19	18	18	17	17	16	16	15	15	14	14	13	13	13	13
134	133	133	129	125	121	117	113	109	105	100	96	92	86	84	81	78	78	78
20	19	18	16	16	15	15	15	14	14	13	13	12	12	11	10	9	11	15
81	80	79	77	75	73	71	69	67	65	63	61	59	57	55	53	51	51	50
55	55	55	55	55	55	55	55	55	55	55	55	55	48	48	48	48	48	48
299	279	280	266	243	229	233	236	216	224	195	146	155	152	166	155	164	151	156
32	32	33	32	31	30	29	28	27	26	25	24	23	22	20	19	18	17	18
43	44	44	50	48	54	53	51	50	48	47	39	19	18	17	15	14	13	34
282	245	243	243	243	243	243	243	243	211	211	211	213	213	197	187	176	176	176
33	33	32	32	31	31	31	31	30	30	30	30	30	29	29	29	29	26	28
8	8	8	8	7	7	8	8	9	9	10	10	11	11	12	12	13	13	13
115	112	108	104	100	101	101	102	102	103	108	108	103	103	103	103	104	104	104
61	62	62	63	64	63	62	61	60	58	57	56	55	54	53	52	50	49	49
87	86	84	82	80	79	78	77	76	75	74	73	72	71	70	68	65	63	63
12	11	10	9	8	8	8	8	7	7	7	7	6	6	6	6	6	5	5
34	33	32	31	29	28	26	24	22	20	18	16	14	12	11	10	9	8	8
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
1414	4344	4311	4171	4099	3970	3944	3910	3839	3619	3483	3325	3228	3108	3055	2895	2841	2464	2891
604	712	778	742	736	640	581	598	610	736	779	754	724	778	808	778	713	676	628
5018	5056	5089	4913	4835	4610	4525	4508	4419	4385	4261	4079	3952	3886	3863	3673	3599	3540	3519

OF BOISE VALLEY CANALS

SEASON OF 1953, INCLUDING STORAGE

PER

CHART #5

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	1574	1777	1685	1580	1576	1537	1512	1412	1423	1414	1418	1419	1418	1418	1418	1414	54634	
2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	113	
3	7	7	7	7	7	7	7	7	7	7	7	8	8	8	9	10	238	
4	410	396	384	417	362	344	336	315	318	311	311	313	311	318	331	354	11967	
5	96	89	89	76	71	70	70	69	69	66	65	63	61	72	70	96	3048	
6	20	19	18	17	16	15	15	14	13	13	14	14	15	15	15	16	595	
7	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	9	291	
8	29	29	28	28	28	23	7	8	8	7	8	8	7	8	8	8	715	
9	178	178	160	158	147	135	135	113	113	124	125	144	145	145	146	148	5163	
0	8	8	8	7	7	7	7	6	5	5	5	6	6	6	7	7	248	
1	42	42	42	42	42	42	42	42	42	42	43	43	43	43	43	45	1318	
2	17	16	16	15	15	14	14	13	13	13	13	12	12	13	13	14	484	
3	109	105	100	96	92	88	84	81	78	78	78	78	78	78	77	77	3191	
4	14	14	13	13	12	12	11	10	9	11	15	18	21	24	26	27	547	
5	67	65	63	61	59	57	55	53	51	51	50	49	48	47	46	45	1961	
6	55	55	55	55	55	48	48	48	48	48	48	48	48	48	48	48	1573	
7	218	224	195	146	175	162	166	155	164	161	156	147	140	153	156	155	6714	
8	27	26	25	24	23	22	20	19	18	17	18	19	20	21	22	23	779	
9	50	48	47	39	19	18	17	15	14	13	34	31	28	24	21	16	1037	
0	243	211	211	211	213	213	157	187	176	175	176	196	218	218	218	218	7006	
1	30	30	30	30	30	29	29	29	29	28	28	28	28	27	27	27	907	
2	9	9	10	10	11	11	12	12	13	13	13	13	14	14	13	13	304	
3	102	103	108	108	103	103	103	103	104	104	104	104	104	105	105	105	3296	
4	60	58	57	56	55	54	53	52	50	49	49	49	49	48	48	48	1704	
5	76	75	74	73	72	71	70	68	65	63	63	62	61	60	60	60	2269	
6	7	7	7	7	6	6	6	6	6	5	5	5	5	5	5	5	270	
7	22	20	18	16	14	12	11	10	9	8	8	8	8	7	7	7	632	
8	27	27	27	27	27	27	27	27	27	27	27	24	24	24	24	24	807	
9	3839	3619	3403	3325	3228	3108	3056	2895	2911	2164	2891	2919	2931	2961	2974	3022	111801	
0	610	736	779	754	724	778	808	778	718	676	628	587	518	450	417	428	19548	
1	4419	4385	4261	4079	3952	3886	3863	3673	3599	3540	3517	3506	3449	3411	3391	3450	131349	

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1963

CHART NO. 5

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
NEW YORK CANAL	52132	15004	150700	150156	175484	109268	832794
PENITENTIARY	38	362	574	626	500	226	2326
TOWN	114	820	576	844	792	476	3622
RIDENBAUGH	8012	34054	34546	36942	35234	23934	172722
SETTLERS	1572	9098	10636	11978	11202	6096	51382
THURMAN MILL	0	2170	2418	2472	1788	1190	13038
CRUZEN	346	880	1100	1140	970	582	5018
BOISE CITY	0	1486	1746	1594	2076	1430	6732
FARMERS UNION	2384	11754	10944	13146	12130	8132	58430
BOISE VALLEY	1420	3048	3072	3094	2960	2194	15688
NEW UNION	48	1036	1102	1050	872	496	4504
NEW DRY CREEK	5276	3530	4334	3834	3202	2636	22812
SALLANTINE	106	1498	1154	1242	1052	968	6050
WILDLIFTON CANALS	1252	8836	7342	10476	9224	6382	43512
LITTLE PIONEER	260	2802	2226	2560	2524	1094	11466
CANYON COUNTY	746	4772	5178	4450	4322	3922	23610
EAGLE ISLAND CANALS	350	3182	3264	3390	3350	3146	16682
PHILLIS	5430	24418	21152	29142	23632	13428	116212
EUREKA #1	200	1254	1636	2062	1924	1558	9334
SALTONELL HIGH LINE	1402	4612	3812	3230	2568	2074	17698
SCREE	5138	18308	15220	21940	21958	14012	96476
CAMPBELL	270	2138	1866	1746	1416	1314	9220
STEBENBORG	96	826	840	738	824	608	3932
REVERSHUE	5674	10954	11900	11950	10004	6572	56954
PIONEER DIKE	1342	4316	3836	4530	4716	3408	22148
EUREKA #2	4326	6178	5298	6832	6132	4538	33494
UPPER CENTER POINT	328	1556	1282	1536	1410	540	6752
LOWER CENTER POINT	170	2014	1198	2034	1752	1264	8422
WILCOXLANDUS	132	1596	1740	1836	1814	1614	8832
TOTALS	98824	324512	320692	365470	345832	223602	1678932

TABLE IN ACRE-FEET, SHOWING TOTAL
MONTHLY CANAL FIVER TONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1963

CHART NO. 5

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
NEW YORK CANAL	52132	155004	150700	150156	175484	109268	832754
PENITENTIARY	38	362	574	626	500	226	2326
DUMB	114	820	576	844	792	476	3622
RIDENBAUGH	8012	34054	34546	36942	35234	23934	172722
SETTLERS	1572	9998	10636	11978	11202	6096	51382
THURMAN MILL	0	2170	2418	2472	1788	1190	13038
CRUZEN	346	880	1100	1140	970	582	5018
BOISE CITY	0	1486	1746	1794	2076	1430	6732
FARMERS UNION	2324	11754	13014	13156	12130	8432	58430
BOISE VALLEY	1420	3048	3072	3094	2860	2194	15688
NEW UNION	48	1136	1102	1050	872	496	4504
NEW DRY CREEK	5276	3530	4334	3834	3202	2636	22812
GALLANTINE	136	1498	1134	1242	1052	968	6050
MIDDLETON CANALS	1252	8836	7342	13476	9224	6382	43512
LITTLE PIONEER	210	2802	2226	2560	2524	1094	11486
CANYON COUNTY	746	4972	5198	4450	4322	3922	23610
EAGLE ISLAND CANALS	350	3182	3264	3390	3350	3146	16682
PHYLLIS	5430	24418	21152	25142	23632	13428	116212
EUREKA #1	200	1954	1636	2062	1924	1558	9334
CALDWELL HIGH LINE	1402	4612	3812	3230	2568	2074	17698
SEBREE	5138	18308	15220	21940	21358	14012	96476
CAMPBELL	270	2138	1566	1716	1415	1314	9220
STEINBERG	96	826	840	738	824	608	3932
RIVERSIDE	5974	10954	11900	11550	10004	6572	56954
PIONEER DIXIE	1342	4316	3836	4530	4716	3408	22448
EUREKA #2	4326	6178	5298	6832	6332	4538	33494
UPPER CENTER POINT	328	1556	1282	1536	1410	540	6752
LOWER CENTER POINT	170	2314	1188	2034	1752	1264	8422
MISCELLANEOUS	132	1596	1740	1836	1814	1614	8832
TOTALS	99824	324512	320692	365470	345832	223602	1579932

BOISE RIVER CANAL DIVERSIONS

	1950	1951	1952	1953	1954	1955	1956	BEGINNING 1957
BOARD OF CONTROL	820902	856926	863356	839026	945306	791210	979666	876992
RENTITARY	2642	2766	2732	2356	2778	2488	2332	2104
BLISS	4310	4586	3890	4368	5494	4182	4702	3672
RIDENBACH	166250	173836	171742	176828	192608	166426	178580	177682
SETTLERS	52044	53446	52510	49936	55290	48292	54972	47776
THURMAN MILL	10402	10500	9644	8880	8788	8688	9352	9346
CONSUMERS WATER CO.	6828	5562	6756	6260	7876	6864	7352	6182
BOISE CITY	9512	10412	9328	9254	10114	9022	9664	9320
FARMERS UNION	51276	58274	46696	47750	52300	48161	63250	52426
CAPITAL VIEW IRR. DIST.	2556	2554	2470	2198	2196	1876	2132	1932
BOISE VALLEY	18420	13068	19404	22020	23821	19180	15016	14310
NEW UNION	4218	5224	4180	4534	5938	4252	5304	4438
NEW DRY CREEK	19120	19954	16782	19298	20136	18204	19662	18536
BALLANTINE	5346	5328	5242	5858	6838	5404	6074	5402
MIDDLETON WATER CO.	29886	32773	31067	32089	33263	23701	29800	29618
MIDDLETON MILL DITCH	15924	21849	20711	21393	22175	18623	21580	21448
LITTLE PIONEER	11322	10944	11666	11062	12276	10706	12564	12480
CANYON COUNTY WATER CO.	23262	23282	24374	23948	25084	21860	25868	24176
7 BAILE ISLAND CANALS	15244	15400	16744	16256	16006	13672	16802	17110
PHYLLIS CANAL	116602	113870	114114	103862	118430	108946	117631	106828
EUREKA WATER COMPANY	9654	10300	9682	9864	10938	9910	10024	10498
GALWELL HIGH LINE	14068	14906	13330	15824	19310	15394	20508	17852
FARMERS CO-OP	93470	102464	107814	105996	119806	106758	111420	99744
CAMPBELL (CANYON)	5596	6406	6168	6102	6400	6102	6234	6342
SIEBINGERS	2926	3120	3272	3528	3930	3294	3774	3124
RIVERSIDE	68812	69594	68458	63526	69950	67474	66284	59990
PIONEER DIXIE	18388	21046	21098	18876	24476	23952	23852	20014
EUREKA NO. 2	25752	25668	24708	27754	29656	25960	25688	26276
UPPER CENTER POINT	5824	5994	5970	7098	6930	5144	5782	5952
LOWER CENTER POINT	5736	5920	5790	6208	6534	5964	6806	6006
MISCELLANEOUS	8344	8432	8552	8676	8556	7164	8930	9324
TOTAL SUMMER DIVERSIONS APRIL 1 TO SEPTEMBER 30	1644296	1714424	1709290	1681518	1674314	1608802	1675836	1707194
NEW YORK CANAL DIVERSIONS OCTOBER 1 TO MARCH 31	137978	133610	104267	154382	147710	103968	134968	96478
*IRRIGATION REQUIREMENTS BELOW DIVERSION DAM DURING OCTOBER	6728	33224	15098	19962	21810	22198	20160	17086
TOTAL	1789002	1881258	1827655	1855862	2043934	1734963	2034966	1820698
SUMMER RETURN FLOW	400206	471172	454974	480208	508274	396138	469220	462564
AMOUNT OF NATURAL FLOW USED	1388796	1410086	1332681	1375654	1535660	1338825	1565746	1358134

*BEGINNING 1963 THIS FIGURE INCLUDES IRRIGATION & OTHER REQUIREMENTS BELOW DIVERSION DAM FROM OCTOBER 1 TO MARCH 31

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

CHART 1

BEYOND 1950

1955	1956	1957	1958	1959	1960	1961	1962	1963
791210	975000	876502	906822	806558	1002438	773106	870060	832754
2458	2332	2154	2154	2214	2396	2478	2544	2326
4182	4702	3672	3674	3896	4178	3938	4012	3622
160426	170580	177682	168762	172700	178994	144648	170984	172722
48252	54972	47776	50362	53044	55392	46046	53132	51382
8688	9352	9346	9086	10176	10358	10382	11190	10038
6864	7352	6182	5580	5526	6498	6598	6666	5018
9022	9064	9320	9420	9462	9978	9470	9478	8732
48161	63280	52126	55554	57346	59886	48362	56120	56582
1876	2132	1932	2044	2156	2142	2156	2226	1348
15180	15016	14310	14634	16522	15906	13406	15856	15688
4252	5304	4438	5050	4964	5178	4184	4830	4604
16234	15652	18536	19808	21036	21232	16916	19166	22812
5404	6074	5402	5688	5940	7288	5272	5714	6050
23701	29800	29618	30396	26840	27954	23780	25421	25237
18623	21580	21448	22013	19436	20242	17218	18409	18275
10706	12564	12480	12584	14792	11482	10934	11214	11486
21860	25864	24178	24296	24066	24120	22336	23954	23610
13672	16802	17110	17752	18028	18134	15946	18026	16682
109346	117034	106028	111464	118504	142170	112850	116990	116202
9010	10024	10168	12596	10896	11818	7902	8416	9334
15364	20508	17852	17140	15062	16194	15214	14390	17698
106758	111420	99744	104940	110006	114058	91882	99322	96476
6102	6234	6342	6528	7894	8202	8792	8748	9220
3254	3774	2124	3002	3324	3738	3910	4020	3932
67474	65284	59660	50254	48252	49968	53650	56586	56954
23452	23852	25014	23602	24432	24500	22864	23200	22148
25960	29608	25278	29604	31816	32144	25376	30012	33494
5144	5782	5752	5660	6474	5814	5258	6754	6752
5766	6806	6006	6662	7708	7758	8548	8434	8422
7164	8930	9324	9674	9534	9596	8542	9572	8832
160802	1875836	1707194	1748408	1729024	1909786	1541364	1717346	1678932
103560	131868	96476	105508	96046	138466	37632	98062	73814
22198	20160	17026	33088	20580	00	3510	3510	30152
1734963	2034666	1820608	1887004	1845650	2048252	1582506	1818918	1782898
390136	460220	402564	454864	458458	500232	315614	382012	444236
1338825	1567746	1358134	1432140	1387192	1548020	1266692	1436906	1336662

FROM OCTOBER 1 TO MARCH 31

TRIBUTARY AND RETURN FLOW

IRRIGATION SEASON OF 1961

APRIL

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13
DRAINAGE DISTRICT #3	3	3	3	3	3	3	3	3	3	3	3	3	3
DAVIS DRAIN	1	1	1	1	1	2	2	2	1	1	1	1	1
THURMAN DRAIN	10	11	11	11	11	11	11	11	11	11	11	11	11
BOISE SEWER	10	10	10	10	10	10	10	10	10	10	10	10	10
EAGLE DRAIN	8	9	10	12	14	17	17	18	19	21	22	24	25
SOUTH MIDDLETON DRAIN	40	43	47	53	54	54	55	56	57	55	54	53	52
NORTH MIDDLETON DRAIN	9	9	10	11	11	12	13	14	15	15	16	17	17
HARTLEY DRAIN	3	3	4	5	6	7	8	9	10	10	10	10	10
PHYLLIS WASTE	3	3	3	3	3	3	3	3	3	3	3	4	4
MASON CREEK	2	2	2	2	2	3	3	3	3	3	3	3	3
WILLOW CREEK	0	0	0	0	0	5	6	7	7	0	0	3	3
MASON DRAIN	30	30	31	32	32	33	33	34	34	35	35	36	36
INDIAN CREEK	50	50	46	41	39	61	83	115	117	118	120	122	123
HARTLEY GULCH	3	3	4	5	5	6	7	8	8	8	7	6	6
FIVE MILE CREEK	14	13	12	13	14	14	15	15	16	15	15	15	14
TOTALS	186	190	194	202	205	241	269	308	314	309	310	313	313

MAY

DRAINAGE DISTRICT #3	8	8	8	9	10	10	10	10	10	10	10	11	11
DAVIS DRAIN	2	2	2	2	2	2	3	3	3	3	3	2	2
THURMAN DRAIN	13	13	14	14	14	14	14	15	15	15	16	15	17
BOISE SEWER	11	11	11	11	11	11	11	11	11	11	11	11	11
EAGLE DRAIN	67	70	73	76	79	83	80	78	76	74	72	70	68
SOUTH MIDDLETON DRAIN	52	55	55	58	58	61	64	63	62	61	60	60	59
NORTH MIDDLETON DRAIN	27	28	29	30	31	32	33	33	32	31	30	29	28
HARTLEY DRAIN	37	40	43	46	46	47	47	47	47	48	48	48	49
PHYLLIS WASTE	4	4	6	6	6	6	8	8	8	8	8	8	10
MASON CREEK	3	3	3	3	3	3	3	3	3	3	3	3	4
WILLOW CREEK	37	37	37	38	38	38	39	36	34	32	30	28	26
MASON DRAIN	91	98	105	112	117	125	133	127	121	115	109	103	97
INDIAN CREEK	133	132	131	130	129	128	127	125	123	121	119	118	117
HARTLEY GULCH	20	21	22	23	24	26	28	28	27	26	25	24	23
FIVE MILE CREEK	95	61	67	73	78	84	88	86	84	81	78	75	72
TOTALS	560	583	606	631	648	671	688	673	656	639	622	616	592

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1963

APRIL

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	21	22	24	25	27	28	30	31	33	34	36	38	40	43	46	49	52	55
57	55	54	53	52	50	49	48	47	46	45	44	43	42	43	45	45	46	46
15	15	16	17	17	18	18	19	19	20	20	21	22	22	23	23	24	24	25
10	10	10	10	10	10	10	10	10	10	10	10	10	10	13	16	19	21	24
3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	4	3	2	1
3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
7	0	0	3	3	7	11	12	16	15	12	10	30	32	33	33	34	34	35
34	35	35	36	36	37	37	37	38	38	38	38	39	39	39	47	47	55	63
117	118	120	122	123	125	127	129	130	132	133	135	137	138	139	139	138	138	137
8	8	7	6	6	5	5	5	4	4	4	3	3	3	5	7	9	11	13
16	15	15	15	14	13	12	11	10	10	9	9	8	7	7	13	19	25	31
344	309	310	318	318	324	329	333	337	341	337	338	362	365	379	402	418	439	464

MAY

10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	15	16	15	16	17	17	17	18	18	18	19	19	20	20	21	21	21	22
11	11	11	11	11	11	11	11	11	11	11	11	13	13	13	13	13	13	13
76	74	72	70	68	66	64	62	60	58	56	54	55	56	57	58	59	60	61
62	61	60	60	59	58	57	56	55	54	54	53	52	54	56	58	60	62	64
32	31	30	29	28	27	26	25	24	23	22	21	20	20	20	21	21	22	22
47	48	48	48	49	49	49	50	50	50	51	51	51	52	52	52	52	52	52
8	8	8	8	10	10	10	10	10	10	10	12	11	11	10	10	9	9	8
3	3	3	3	3	4	4	4	4	4	4	4	5	6	7	8	8	9	9
34	32	30	28	26	24	22	20	18	15	14	12	10	8	9	10	11	12	13
121	115	109	108	97	91	85	80	85	80	75	71	81	91	101	111	121	131	141
123	121	119	118	117	115	115	114	113	112	111	110	109	108	103	108	113	118	123
27	26	25	24	23	22	21	20	19	18	17	15	15	15	15	15	15	15	15
84	81	78	75	72	69	66	63	60	57	54	51	72	72	72	93	93	93	111
656	639	622	606	592	577	560	545	540	524	510	498	526	539	568	621	649	680	730

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
3	3	3	3	3	3	3	3	4	4	5	5	6	6	7	7		110
1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2		39
11	11	11	11	11	11	11	11	12	12	12	12	12	13	13	13		340
10	10	10	10	10	10	10	10	10	10	10	10	12	13	13	13		311
26	30	31	33	34	36	38	40	43	46	49	52	55	58	61	64		941
19	48	47	46	45	44	43	42	43	45	45	46	46	49	49	52		1452
18	19	19	20	20	21	22	22	23	23	24	24	25	25	26	26		544
10	10	10	10	10	10	10	10	13	16	19	21	24	27	31	34		370
4	4	4	4	4	5	5	5	5	4	3	2	1	2	3	4		104
3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2		74
11	12	16	16	12	10	30	32	33	33	34	34	35	35	36	36		453
37	37	38	38	38	38	39	39	39	47	47	55	63	70	77	84		1254
27	129	130	132	133	135	137	138	139	139	138	138	137	136	135	134		3367
5	5	4	4	4	3	3	3	5	7	9	11	13	15	17	19		208
12	11	10	10	9	9	8	7	7	13	19	25	31	37	43	49		499
329	333	337	341	337	338	362	365	379	402	418	439	464	490	515	539		10076
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		323
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		67
17	17	18	18	18	19	19	20	20	21	21	21	22	22	22	23		547
11	11	11	11	11	11	13	13	13	13	13	13	13	13	13	13		363
61	62	60	58	56	54	55	56	57	58	59	60	61	62	63	64		2016
57	56	55	54	54	53	52	54	56	58	60	62	64	66	68	70		1337
26	25	24	23	22	21	20	20	20	21	21	22	22	23	24	25		805
49	50	50	50	51	51	51	52	52	52	52	52	52	52	52	52		1514
10	10	10	10	10	12	11	11	10	10	9	9	8	8	8	7		260
4	4	4	4	4	4	5	6	7	8	8	9	9	10	10	11		161
22	20	18	16	14	12	10	8	9	10	11	12	13	14	15	16		710
85	80	85	80	75	71	81	91	101	111	121	131	141	151	161	170		3443
115	114	113	112	111	110	109	108	123	138	153	168	183	198	213	228		4288
21	20	19	18	17	16	15	15	15	15	15	15	15	15	15	15		615
60	63	60	57	54	51	72	72	72	93	93	93	114	114	114	114		2488
560	515	540	524	510	498	526	539	568	621	649	680	730	761	791	812		13467

TRIBUTARY AND RETURN FLOW

IRRIGATION SEASON OF

JUNE

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14
DRAINAGE DISTRICT #3	12	12	12	12	12	12	14	15	18	21	23	26	26	28
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2
THURMAN DRAIN	23	24	24	25	24	23	22	21	20	19	18	18	18	18
BOISE SEWER	14	14	14	14	14	14	14	14	14	14	14	14	14	14
EAGLE DRAIN	65	66	66	67	67	66	66	65	64	63	62	62	61	61
SOUTH MIDDLETON DRAIN	74	75	75	78	78	80	80	82	82	85	85	88	90	92
NORTH MIDDLETON DRAIN	27	28	29	31	31	32	33	35	36	37	38	39	40	41
HARTLEY DRAIN	52	52	53	53	53	53	53	53	53	53	53	53	53	54
PHYLLIS WASTE	7	6	6	6	7	7	7	8	8	8	9	9	9	9
MASON CREEK	12	12	13	13	12	12	11	11	10	10	9	9	9	10
WILLOW CREEK	18	20	22	24	26	28	30	32	33	33	34	34	36	36
MASON DRAIN	170	178	178	197	187	187	177	177	157	157	157	157	157	157
INDIAN CREEK	257	271	285	297	299	300	302	305	308	311	314	309	305	300
HARTLEY GULCH	15	15	15	15	15	16	16	16	16	16	16	16	16	15
FIVE MILE CREEK	135	135	135	156	155	154	152	150	148	146	142	142	133	133
TOTALS	803	911	930	990	982	986	979	987	979	985	976	978	969	968

JULY

DRAINAGE DISTRICT #3	19	18	17	15	15	15	15	14	14	14	14	14	14	14
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2
THURMAN DRAIN	20	20	20	20	20	19	19	19	19	19	19	19	19	19
BOISE SEWER	14	14	14	14	14	14	14	14	14	14	14	14	14	14
EAGLE DRAIN	54	55	56	57	58	59	60	61	62	63	64	65	66	67
SOUTH MIDDLETON DRAIN	75	73	71	69	67	65	63	61	62	63	64	65	66	67
NORTH MIDDLETON DRAIN	41	41	41	41	39	39	39	38	37	37	37	37	36	36
HARTLEY DRAIN	60	60	60	62	62	62	62	64	64	64	64	64	62	62
PHYLLIS WASTE	12	11	11	10	10	9	9	8	8	8	8	8	8	8
MASON CREEK	15	15	15	15	15	15	15	15	15	15	15	15	15	15
WILLOW CREEK	18	18	18	17	17	17	17	16	16	17	17	18	18	19
MASON DRAIN	152	152	151	150	149	148	147	146	145	144	143	142	141	140
INDIAN CREEK	206	206	199	210	221	232	232	243	243	243	254	254	265	265
HARTLEY GULCH	19	20	20	20	21	21	21	22	22	22	22	22	22	22
FIVE MILE CREEK	76	75	75	75	76	76	76	76	76	76	76	76	76	76
TOTALS	783	781	771	779	787	793	791	799	799	801	812	814	823	825

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1953

JUNE

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
18	21	23	26	26	26	26	26	26	27	27	26	26	25	25	24	24	23
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	19	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
64	63	62	62	61	61	60	60	59	59	58	58	57	57	56	56	56	55
62	85	85	88	90	92	93	99	105	102	100	100	97	94	91	89	87	85
36	37	38	39	40	41	44	47	49	47	47	47	47	45	45	45	45	43
53	53	53	53	53	54	54	54	54	54	56	56	56	56	56	58	58	58
8	8	9	9	9	9	9	9	10	10	10	10	10	11	11	11	11	12
10	10	9	9	9	10	10	10	11	11	11	12	12	12	13	13	13	13
33	33	34	34	36	36	31	26	21	21	21	21	20	20	20	20	19	19
157	157	157	157	157	157	156	156	156	156	155	155	155	155	154	154	154	154
308	311	314	309	305	300	295	290	284	278	272	266	260	254	248	242	236	230
15	16	15	16	16	15	15	14	14	15	15	15	15	16	17	17	17	18
148	146	142	142	133	133	125	125	117	117	109	109	109	101	101	101	93	93
979	985	976	978	969	968	952	950	940	931	915	910	899	881	872	865	848	843

JULY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
14	14	14	14	14	14	14	14	15	14	14	14	13	13	13	12	13	15
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	19	19	19
14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15
62	63	64	65	66	67	68	68	68	68	68	68	68	68	68	68	68	68
62	63	64	65	66	67	68	69	70	71	73	75	77	79	80	81	82	83
37	37	37	37	36	36	36	36	36	35	35	35	35	35	35	36	36	37
64	64	64	64	62	62	62	62	62	61	61	61	61	60	60	61	62	62
8	8	8	8	8	8	9	9	10	11	12	13	14	15	15	15	14	14
15	15	15	15	15	15	15	15	15	16	16	17	17	17	17	18	18	18
15	17	17	19	19	19	19	20	20	20	21	21	21	22	22	22	21	21
145	144	143	142	141	140	140	142	143	144	145	146	147	148	149	150	151	152
243	243	244	244	265	265	268	268	268	264	260	256	252	248	244	241	238	235
22	22	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21
76	76	76	76	76	76	76	79	82	85	88	91	94	97	100	103	106	109
799	801	812	814	823	825	831	839	844	844	848	851	855	858	858	864	867	872

CHART NO. 8

	15	17	19	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	26	26	27	27	26	26	25	25	24	24	23	23	22	21	20		633
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		60
3	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18		594
4	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		445
5	60	59	59	58	58	57	57	56	56	56	55	55	55	54	54		1810
6	99	105	102	100	100	97	94	91	89	87	85	83	81	79	77		2608
7	47	49	47	47	47	47	45	45	45	45	43	43	43	43	43		1200
8	54	54	54	54	56	56	56	56	58	58	58	58	58	60	60		1547
9	9	10	10	10	10	10	11	11	11	11	12	12	12	12	12		278
10	10	11	11	11	12	12	12	13	13	13	13	14	14	14	14		350
11	26	21	21	21	21	20	20	20	20	19	19	19	19	19	18		740
12	156	156	156	156	155	155	155	154	154	154	154	153	153	153	153		4885
13	290	284	278	272	266	260	254	248	242	236	230	224	218	212	212		8184
14	14	14	15	15	15	15	16	17	17	17	18	18	18	19	19		482
15	125	125	117	117	109	109	101	101	101	93	93	93	84	84	84		3661
16	952	950	940	931	915	910	899	881	872	865	848	843	835	817	810	806	27577
17	14	15	14	14	14	13	13	13	13	15	17	19	21	23	25	25	494
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	62
19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	573
20	14	14	14	14	14	14	15	15	15	15	15	15	15	15	16	16	446
21	68	68	68	68	68	68	68	68	68	68	68	68	68	69	69	69	2006
22	68	69	70	71	73	75	77	79	80	81	82	83	85	86	87	88	2274
23	36	36	36	35	35	35	35	35	35	36	36	37	37	38	39	40	1151
24	62	62	62	61	61	61	61	60	60	61	62	62	63	64	65	66	1930
25	9	9	10	11	12	13	14	15	15	15	14	14	14	13	13	12	344
26	15	16	15	16	15	17	17	17	17	18	18	18	18	18	19	19	504
27	19	20	20	20	21	21	21	22	22	22	21	21	21	21	20	20	595
28	140	142	143	144	145	146	147	148	149	150	151	152	153	154	156	156	4532
29	268	268	268	264	260	252	248	244	241	241	238	235	232	229	226	223	7445
30	22	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	658
31	76	79	82	85	88	91	94	97	100	103	106	109	112	115	118	120	2751
32	831	839	841	844	848	851	855	858	858	864	867	872	878	884	892	895	25835

TRIBUTARY AND RETURN FLOW TO

IRRIGATION SEASON OF

AUGUST

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14
DRAINAGE DISTRICT #3	25	24	23	22	21	20	20	20	20	20	20	20	21	21
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2
THURMAN DRAIN	19	19	20	20	21	21	22	22	23	23	24	24	24	24
BOISE SEWER	19	19	19	19	19	19	19	19	19	19	19	19	19	19
EAGLE DRAIN	68	67	66	65	64	63	62	61	60	58	56	54	54	54
SOUTH MIDDLETON DRAIN	90	92	93	94	95	96	95	93	91	89	86	83	80	77
NORTH MIDDLETON DRAIN	41	42	43	44	45	46	46	45	44	43	42	41	40	39
HARTLEY DRAIN	67	68	68	69	70	71	71	71	71	71	71	71	71	71
PHYLLIS WASTE	12	12	11	11	11	10	10	10	10	11	11	11	12	12
MASON CREEK	18	18	17	17	16	16	15	14	13	12	11	10	11	12
WILLOW CREEK	20	19	19	19	19	19	17	16	15	14	13	12	12	11
MASON DRAIN	156	157	157	157	157	157	158	158	158	158	158	159	159	159
INDIAN CREEK	222	224	226	228	229	230	231	232	233	234	235	236	237	238
HARTLEY GULCH	22	23	23	23	23	23	22	22	22	22	22	22	22	21
FIVE MILE CREEK	121	118	113	110	106	102	98	94	90	86	82	78	74	74
TOTALS	902	904	900	900	897	894	888	879	871	862	852	842	838	834

SEPTEMBER

DRAINAGE DISTRICT #3	24	24	24	23	22	21	20	19	19	18	18	19	19	19
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2
THURMAN DRAIN	20	20	20	20	19	19	19	19	20	20	20	20	20	20
BOISE SEWER	17	17	17	17	17	17	17	17	17	17	17	17	17	17
EAGLE DRAIN	50	49	49	48	48	47	47	46	46	46	46	46	46	46
SOUTH MIDDLETON DRAIN	125	131	138	137	137	136	135	134	133	132	131	130	129	128
NORTH MIDDLETON DRAIN	59	60	61	62	61	61	60	59	56	52	50	48	46	43
HARTLEY DRAIN	58	58	57	57	57	56	56	55	55	54	53	52	52	51
PHYLLIS WASTE	12	12	12	11	11	11	11	11	10	10	10	10	11	11
MASON CREEK	16	16	15	15	15	15	14	14	14	14	14	13	13	13
WILLOW CREEK	18	19	20	20	20	20	20	20	20	20	20	20	20	20
MASON DRAIN	186	190	194	198	202	206	210	214	218	215	212	199	196	193
INDIAN CREEK	258	262	267	272	287	292	296	300	303	306	309	305	301	298
HARTLEY GULCH	26	26	27	27	27	26	26	26	26	25	25	25	24	24
FIVE MILE CREEK	90	93	96	99	102	105	107	110	113	115	118	117	115	114
TOTALS	961	979	1000	1008	1027	1034	1040	1046	1052	1046	1045	1022	1010	998

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1963

AUGUST

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
20	20	20	20	20	21	21	21	22	22	22	23	23	23	23	24	24	24
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	23	23	24	24	24	24	24	24	23	23	23	23	23	23	22	22	22
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
61	60	58	56	54	54	54	54	54	53	53	53	53	53	52	52	52	52
93	91	89	86	83	80	77	74	71	68	65	62	66	70	74	78	82	87
45	44	43	42	41	40	39	38	37	36	36	35	37	39	41	43	45	47
71	71	71	71	71	71	71	71	71	71	71	71	70	69	68	67	66	65
10	10	11	11	11	12	12	12	11	11	11	10	10	10	11	11	11	11
14	13	12	11	10	11	12	12	13	13	14	14	15	15	16	16	17	17
15	15	14	13	12	12	11	11	10	10	9	9	9	9	9	10	10	11
158	158	158	158	159	159	159	159	160	159	151	151	151	152	152	152	153	153
232	233	234	235	236	237	238	238	238	238	238	238	238	238	238	238	238	238
22	22	22	22	22	22	21	21	21	21	21	21	22	22	22	23	23	23
94	90	86	82	78	74	74	75	75	76	76	77	77	78	78	79	79	80
879	871	862	852	842	838	834	832	828	823	821	818	825	832	838	846	853	861

SEPTEMBER

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	20	20	20	20	20	20	20	21	21	21	21	21	21	21	22	22	22
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
46	46	46	46	46	46	46	46	46	46	46	45	45	45	45	45	45	45
134	133	132	131	130	129	128	127	126	125	124	123	122	121	120	119	119	119
59	56	52	50	48	46	43	40	38	37	36	35	34	33	33	32	32	32
55	55	54	53	52	52	51	50	49	49	48	48	47	47	46	45	45	44
11	10	10	10	10	11	11	11	11	11	11	11	11	11	11	12	12	13
14	14	14	14	13	13	13	12	12	12	11	11	10	9	7	5	3	3
20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	18
214	213	215	212	199	196	193	190	187	184	181	177	174	170	167	162	159	157
300	303	306	309	305	301	298	295	292	290	286	283	279	273	268	264	259	257
26	26	25	25	25	24	24	24	23	23	23	22	22	22	21	20	19	18
110	113	115	113	117	115	114	113	112	111	110	109	108	107	106	105	103	102
1046	1052	1046	1045	1022	1010	998	985	973	965	953	941	928	915	901	887	871	868

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
21	22	22	22	23	23	23	23	24	24	24	24	25	25	25	25	24	696
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	62
24	24	23	23	23	23	23	23	22	22	22	22	22	21	21	21	21	686
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	590
54	54	53	53	53	53	53	52	52	52	52	52	51	51	51	50	50	1738
74	71	68	65	62	66	70	74	78	82	87	92	97	102	107	113	119	2681
38	37	36	36	35	37	39	41	43	45	47	49	51	53	55	57	58	1358
71	71	71	71	71	70	69	68	67	66	65	64	63	62	61	60	59	2110
12	11	11	11	10	10	10	11	11	11	11	12	12	12	12	12	12	345
12	13	13	14	14	15	15	16	16	17	17	18	17	17	17	17	15	464
11	10	10	9	9	9	9	9	10	10	11	12	13	14	15	15	17	417
150	160	150	151	151	151	152	152	162	153	153	164	168	172	176	180	184	5027
238	238	238	238	238	238	238	238	238	238	238	238	238	238	243	248	253	7311
21	21	21	21	21	22	22	22	23	23	23	24	24	24	25	25	25	699
75	75	76	76	77	77	78	78	79	79	80	81	82	83	84	86	88	2700
832	828	823	821	818	825	832	838	846	853	861	873	884	895	913	931	948	26884
18	18	18	18	18	18	18	18	18	18	19	19	20	20	20	21		585
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		60
20	21	21	21	21	21	21	21	22	22	22	22	22	22	21	21		617
17	17	17	17	17	17	17	17	17	17	17	21	21	21	21	25		534
46	46	46	46	45	45	45	45	45	45	45	45	45	45	45	45		1384
127	126	125	124	123	122	121	120	119	119	119	118	118	118	117	117		3789
40	38	37	36	35	34	33	33	32	32	32	31	31	30	30	30		1312
50	49	49	48	48	47	47	46	45	45	44	44	43	43	42	42		1303
11	11	11	11	11	11	11	11	12	12	13	15	16	17	19	20		365
12	12	12	11	11	10	9	7	5	0	3	6	9	8	7	6		330
20	19	19	19	19	19	19	19	19	19	18	18	18	17	17	15		572
120	137	154	161	177	174	170	167	152	159	157	156	155	154	153	150		5509
295	292	290	286	283	278	273	268	264	239	257	255	253	250	247	245		8351
24	23	23	23	22	22	22	21	20	19	19	18	18	17	17	16		683
113	112	111	109	109	108	107	106	105	103	102	101	100	98	97	96		3172
965	973	965	953	941	928	915	901	887	871	868	871	871	862	855	852		28766

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)

CHART NO. 9

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

IRRIGATION SEASON 1963

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
BOISE RIVER AT DIVERSION DAM	82500	357448	419750	305530	285792	173812	1624832
DELIVERIES TO CANALS	120834	412878	510068	378736	361708	262698	2046920
TRIBUTARY GAIN	20152	38934	55154	51570	53768	57532	277210
SEEPAGE GAIN	18182	16496	35164	21536	22146	31354	141878
NET GAIN	38334	55430	90318	73206	75914	88866	423388

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

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

BOISE RIVER AT DIVERSION DAM	1375	5766	6996	4928	4609	2897
DELIVERIES TO CANALS	2013	6660	8501	6108	5834	4378
TRIBUTARY GAIN	335	628	919	833	868	959
SEEPAGE GAIN	308	266	586	347	357	522
NET GAIN	638	894	1505	1180	1225	1481

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

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

SECTION 1

1963

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT DIVERSION DAM	305530	285792	173812	765134
X DELIVERIES TO CANALS	320804	300530	151732	813066
TRIBUTARY GAIN	7162	7544	6360	21066
SEEPAGE GAIN	8112	7194	11560	26866
NET GAIN	15274	14738	17920	47932

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 1

BOISE RIVER AT DIVERSION DAM	4928	4609	2897
X DELIVERIES TO CANALS	5174	4847	3155
TRIBUTARY GAIN	115	122	106
SEEPAGE GAIN	131	116	192
NET GAIN	246	238	298

X INCLUDES BOISE RIVER PASSING CALDWELL HIGH LINE

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE
 CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN - BY MONTHS IN ACRE FEET

SECTION 2

1963

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT CALDWELL HIGH LINE	6210	3010	856	10106
X DELIVERIES TO CANALS	54142	64186	71852	200180
TRIBUTARY GAIN	44508	46221	51172	141901
SEEPAGE GAIN	13424	14952	19794	48170
NET GAIN	57932	61176	70966	190074

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 2

	JULY	AUGUST	SEPTEMBER
BOISE RIVER AT CALDWELL HIGH LINE	100	48	15
X DELIVERIES TO CANALS	1034	1035	1198
TRIBUTARY GAIN	718	746	853
SEEPAGE GAIN	216	241	330
NET GAIN	934	987	1183

X INCLUDES BOISE RIVER AT NOTUS

BOARD OF CONTROL (NEW YORK)

NEW YORK IRRIG. DIST.	17,826	
BOISE-KUNA IRRIG. DIST.	48,660	
NAMPA & MERIDIAN IRRIG. DIST.	40,265	
WILDER IRRIG. DIST.	56,558	
BIG BEND IRRIG. DIST.	1,724	
TOTAL - BOARD OF CONTROL.	165,033	ACRES
RIDENBAUGH	26,747	"
PENITENTIARY	112	"
BOBB (SOUTH BOISE)	1,057	"
NEEVES	90	"
ROSSI MILL	500	"
MANVILLE-LEONARD	159	"
CAVIS & LITTLE DAVIS	634	"
SETTLERS	12,282	"
THURMAN MILL	1,709	"
CRUZEN (CONSUMERS)	2,500	"
BOISE CITY	1,828	"
FARMERS UNION	8,300	"
BOISE VALLEY	2,729	"
CAPITOL VIEW	600	"
NEW UNION	688	"
NEW DRY CREEK	3,059	"
BALLANTINE	763	"
MIDDLETON WATER	5,160	"
MIDDLETON MILL	4,400	"
LITTLE PIONEER	1,286	"
CANYON COUNTY	4,007	"
LEMP DITCH (EAGLE ISLAND)	300	"

WARM SPRINGS	441	ACRES
JOPLIN	94	"
CONWAY & HAMMING	259	"
THOS. AIKEN	236	"
CATLIN & MACE	496	"
HART & DAVIS	459	"
GRAHAM & GILBERT	220	"
SEVEN SUCKERS	58	"
PIONEER IRRIG. DIST.	24,362	"
EUREKA WATER CO.	1,800	"
*CALDWELL HIGH LINE	13,960	"
FARMERS CO-OP DITCH CO.	15,500	"
CANYON DITCH CO.	802	"
SIEBENBERG	646	"
RIVERSIDE IRRIG. DIST.	10,645	"
PIONEER LIXIE	2,030	"
EUREKA DITCH CO.	2,625	"
UPPER CENTER POINT	641	"
LOWER CENTER POINT	680	"
BOWMAN & SWISHER	424	"
MAMON	538	"
HAAS	750	"
ISLAND HIGH LINE	945	"
LARSON, FAXTER, LEMP	200	"
BOONE	517	"
ANDREWS	1,068	"
PARMA DITCH CO.	562	"
O'CONNELL	120	"
MACE & MACE	80	"

TOTAL 325,405 "

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

BLACK CANYON IRRIGATION DISTRICT	6,894	ACRES
CALDWELL IRRIGATION DISTRICT	755	"
MORELAND & VIAL (LIXIE DRAIN)	640	"
	8,289	
GRAND TOTAL	333,694	

THIS ACREAGE IS BASED, IN SOME INSTANCES, UPON ACTUAL SURVEYS, AND IN OTHER CASES UPON THE ACREAGE AS DETERMINED AT THE TIME OF THE STEWART DECREE, AND IS THE BEST INFORMATION AVAILABLE AT THE PRESENT TIME. IT WAS ORIGINALLY COMPUTED FEBRUARY 14, 1941, BUT HAS BEEN AGAIN REVISED (JULY, 1948), PARTICULARLY TO REDUCE RIVER BOTTOM ACREAGES TO CONFORM TO STEWART DECREE ACREAGES AS DETERMINED BY SPECIAL COMMITTEE. ACREAGE IN LARGER CANALS REVISED 1955.

RIDENBAUGH REPRESENTS OLD LANDS WITHIN THE NAMPA & MERIDIAN IRRIGATION DISTRICT THAT ARE WATERED BY THE OLD RIDENBAUGH WATER RIGHTS IN THE STEWART DECREE. THE BALANCE OF THE NAMPA & MERIDIAN IRRIGATION DISTRICT LANDS ARE INCLUDED UNDER THE BOARD OF CONTROL. (SOME OF THE ACREAGES WERE REVISED APRIL 10, 1944).

* 3560 ACRES ARE WATERED WITH LIVE WATER. THE BALANCE OF THE WATER COMES FROM FIVE MILE CREEK AND MASON DRAIN.

BOARD OF CONTROL (NEW YORK)

NEW YORK IRRIG. DIST.	17,826	
BOISE-KUNA IRRIG. DIST.	48,660	
NAMPA & MERIDIAN IRRIG. DIST.	40,265	
WILDER IRRIG. DIST.	56,558	
BIG BEND IRRIG. DIST.	1,724	
TOTAL - BOARD OF CONTROL.	165,033	ACRES
RIDENBAUGH	26,747	"
PENITENTIARY	112	"
BUBB (SOUTH BOISE)	1,057	"
NEEVES	90	"
ROSSI MILL	500	"
MANVILLE-LEONARD	159	"
DAVIS & LITTLE DAVIS	634	"
SETTLERS	12,282	"
THURMAN MILL	1,799	"
CRUZEN (CONSUMERS)	2,500	"
BOISE CITY	1,828	"
FARMERS UNION	8,300	"
BOISE VALLEY	2,729	"
CAPITOL VIEW	600	"
NEW UNION	688	"
NEW DRY CREEK	3,059	"
BALLANTINE	763	"
MIDDLETON WATER	5,180	"
MIDDLETON MILL	4,400	"
LITTLE PIONEER	1,286	"
CANYON COUNTY	4,007	"
LEMP DITCH (EAGLE ISLAND)	300	"

WARM SPRINGS	441	ACRES
JOPLIN	94	"
CONWAY & HAMMING	259	"
THOS. AIKEN	236	"
CATLIN & MACE	2,496	"
HART & DAVIS	453	"
GRAHAM & GILBERT	220	"
SEVEN SUCKERS	58	"
PIONEER IRRIG. DIST.	24,362	"
EUREKA WATER CO.	1,800	"
CALWELL HIGH LINE	13,960	"
FARMERS CO-OP DITCH CO.	15,500	"
CANYON DITCH CO.	802	"
STEBENBERG	646	"
RIVERSIDE IRRIG. DIST.	10,645	"
PIONEER DIXIE	2,030	"
EUREKA DITCH CO.	2,625	"
UPPER CENTER POINT	641	"
LOWER CENTER POINT	680	"
BOWMAN & SWISHER	424	"
WAMON	538	"
HAAS	750	"
ISLAND HIGH LINE	945	"
LARSON, BAXTER, LEMP	200	"
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STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

ARROWROCK

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BOISE PROJECT BOARD OF CONTROL	177,816	62.01
NAMPA & MERIDIAN	55,095	19.25
PIONEER IRRIGATION DISTRICT	21,018	7.333
FARMERS UNION DITCH CO.	2,874	1.000
SETTLERS IRRIGATION DISTRICT	1,778	.62
FARMERS COOP. 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
NAMPA & MERIDIAN IRRIGATION DISTRICT	92,921	22.23
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH COMPANY	5,727	1.37
NEW DRY CREEK DITCH COMPANY	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLENTINE DITCH CO.	376	.09
BIG BEND IRRIGATION DISTRICT	3,887	.93
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00

CANAL COMPANY	LUCKY PEAK STORAGE	ANDERSON STORAGE	ARROWROCK STORAGE	TOTAL	USED JULY	BALANCE	US AC
BEISEBAUGH	31521	59147	3832	94480	5005	89474	174
PENITENTIARY	132	0	0	132	0	132	
HUBB	1245	543	0	1788	8	1780	3
BOISE MILL	695	0	0	695	15	679	2
DAVIS	746	0	0	746	20	726	3
SETTLERS	14464	5810	** 3458	23732	1582	22150	55
TURNER MILL	2118	0	0	2118	22	2096	
CRUZEN	2943	0	0	2943	0	2943	
BOISE CITY	2153	0	0	2153	16	2137	4
FARMERS UNION	9775	5727	2874	18376	1134	17242	63
BOISE VALLEY	3214	961	0	4175	192	3983	160
CAPITOL VIEW	707	460	0	1167	0	1167	
NEW UNION	812	0	0	812	112	700	17
DRY CREEK	3603	1296	0	4899	192	4717	25
BALLANTINE	900	376	0	1276	144	1132	43
MIDDLETON	11284	0	0	11284	374	10910	315
LITTLE PIONEER	1514	2174	0	3688	818	2870	69
CANYON COUNTY	4719	0	0	4719	356	4363	145
PHYLLIS	28691	29582	21013	79286	7219	68073	1724
EUREKA #1	2120	0	0	2120	32	2088	78
CALDWELL HIGH LINE	4664	0	0	4664	0	4664	
FARMERS CO-OP	0	0	1227	1227	1227	0	
SECTION #2	4000	0	0	4000	1430	2570	142
SUB TOTALS	132000	102076	32409	266485	19889	246596	5807
BOISE PROJ. BOARD OF CONTROL	132000	315924	*231191	679115	***		**
TOTALS	264000	418000	263600	945600			
HILLOREST			23000				

* LEVE 4 FT. PER ACRE ON 420 ACRES OF GOVERNMENT LANDS IRRIGATED BY SETTLERS

** SETTLERS-ARROWROCK STORAGE INCREASED 1580 ACRE FT. TO IRRIGATE GOVERNMENT LANDS

***DO NOT KEEP RECORDS BY THE MONTH

BOISE RIVER STORAGE ACCOUNT - 1953 - IN ACRE FEET

USED JULY	BALANCE	USED AUG.	BALANCE	USED SEPT.	BALANCE	USED OCT.	TOTAL USED TO OCT. 15, 1953
5006	89474	17422	72052	4291	67761	950	27669
0	132	0	132	0	132	0	0
8	1780	308	1472	36	1436	72	424
15	679	248	431	56	375	0	320
20	726	310	416	70	346	0	400
1582	22150	5566	16584	836	15748	488	8472
22	2096	40	2056	0	2056	0	62
0	2943	0	2943	0	2943	0	0
16	2137	484	1653	294	1369	0	784
1134	17242	6304	10938	2832	8106	0	10360
192	3983	1600	2383	622	1761	162	2576
0	1167	0	1167	0	1167	0	0
112	700	176	524	30	494	0	318
192	4717	296	4421	32	4389	0	510
144	1132	438	694	240	454	78	900
374	10910	3138	7772	872	6890	120	4554
818	2870	696	2174	0	2174	0	1514
356	4363	1452	2911	898	2013	204	2910
7218	68073	17246	50827	4354	46473	892	29710
32	2088	786	1302	422	880	48	1288
0	4664	0	4664	0	4664	0	0
1227	0	0	0	0	0	0	1227
1430	2570	1420	1150	886	264	0	3736
17889	246596	58070	188526	16761	171765	3014	97734
...	...	...	...	...	...	...	401599
...	...	...	...	...	...	...	496433

IN ACRE FEET

CHART NO. 13-A

BALANCE	USED SEPT.	BALANCE	USED OCT.	TOTAL USED TO OCT. 15, 1963	ARROWROCK USED	ANDERSON CARRY OVER	LUCKY PEAK USED
72052	4291	67761	950	27569	3682	59147	23837
132	0	132	0	0	0	0	0
1472	36	1436	72	424	0	543	424
431	56	375	0	320	0	0	320
416	70	346	0	400	0	0	400
15584	836	15748	488	8472	3458	5810	5014
2056	0	2056	0	62	0	0	62
2943	0	2943	0	0	0	0	0
1653	284	1369	0	784	0	0	784
10848	2832	8016	0	10360	2874	5727	7486
2383	622	1761	152	2576	0	961	2576
1157	0	1157	0	0	0	460	0
524	30	494	0	318	0	0	318
4421	32	4389	0	510	0	1296	510
694	240	454	78	900	0	376	900
7722	872	6850	120	4554	0	0	4554
2174	0	2174	0	1514	0	2174	1514
2911	898	2013	204	2910	0	0	2910
50827	4354	46473	892	29710	21018	25582	8692
1302	422	880	48	1288	0	0	1288
4664	0	4664	0	0	0	0	0
0	0	0	0	1227	1227	0	0
1150	886	264	0	3736	0	0	3736
189526	15761	171755	3014	97734	32409	102075	65325
...	...	...	...	401699	231191	315924	170508
				499433	263600	419000	235833

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY

NAME OF CANAL	ACRES IRRIGATED	FOR EACH IRRIGATION SEASON FROM										ACRES		1956	1957
		1947	1948	1949	1950	1951	1952	1953	1954	1955	IRRIGATED				
BOARD OF CONTROL	164,332	4.70	4.42	4.90	5.83	5.21	5.25	5.11	5.75	4.81	164324	5.94	5.32		
PENITENTIARY	427	6.57	5.78	7.84	6.19	6.48	6.40	5.52	6.50	5.90	321	7.25	6.83		
BOBB (SOUTH BOISE)	1,057	4.92	3.87	4.05	4.08	4.34	3.68	4.13	5.20	3.96	1057	4.45	3.51		
RIDENBAUGH	26,747	5.88	4.93	5.83	6.22	6.50	6.42	6.61	7.21	6.22	26747	6.68	6.58		
SETTLERS	12,300	4.01	3.55	4.29	4.23	4.35	4.27	4.06	4.50	3.93	12282	4.48	3.89		
THURMAN MILL	1,799	5.81	5.36	4.84	5.78	5.94	5.36	4.94	4.08	4.83	1799	5.20	5.31		
CONSUMERS	2,500	2.63	2.25	2.79	2.73	2.22	2.70	2.50	3.15	2.75	2603	2.32	2.47		
BOISE CITY	1,828	5.14	3.33	4.95	5.22	5.70	5.10	5.06	5.53	4.94	1828	5.40	5.10		
FARMERS UNION	8,900	4.57	3.68	5.15	6.05	6.10	5.52	5.61	6.12	5.62	8900	6.54	5.34		
BOISE VALLEY	2,729	6.18	5.57	6.93	6.75	7.18	7.11	8.40	8.73	7.03	2729	8.12	7.74		
NEW UNION	688	6.36	5.50	5.71	6.13	7.59	6.08	6.59	8.63	6.18	688	7.71	6.45		
NEW DRY CREEK	3,059	6.14	5.05	6.45	6.25	6.52	5.49	6.31	6.58	5.95	3059	6.43	6.06		
GALLANTINE	763	6.60	5.87	6.29	7.01	6.98	6.87	7.68	8.96	7.08	763	7.96	7.08		
MIDDLETON IRRIG. ASSOC.	5,640	4.89	3.81	5.48	5.30	5.81	5.51	5.69	5.90	4.20	5182	5.75	5.72		
MIDDLETON MILL	4,400	4.18	4.46	4.69	4.53	4.97	4.71	4.86	5.04	4.23	4400	4.90	4.87		
LITTLE PIONEER	1,286	6.23	6.40	7.64	8.80	8.51	9.06	8.60	9.54	8.33	1286	9.77	9.70		
CANYON COUNTY	4,007	5.40	4.53	4.76	5.81	5.81	6.08	5.98	6.48	5.46	4007	6.46	6.03		
EAGLE ISLAND CANALS	2,637	5.21	4.95	5.56	5.78	5.84	6.35	6.16	6.07	5.18	2637	6.37	6.19		
PHYLIS	23,500	4.56	4.21	4.78	4.96	4.85	4.86	4.42	5.04	4.53	24362	4.32	4.39		
EUREKA WATER	1,666	5.70	4.80	5.39	5.79	6.18	5.81	5.92	6.56	5.95	1800	5.57	5.83		
* CALDWELL HIGH LINE	3,960	4.13	3.31	3.59	3.55	3.76	3.37	4.00	4.88	3.89	3960	5.18	4.51		
FARMERS CO-OP	15,897	5.36	5.00	5.22	5.38	6.45	6.78	6.67	7.54	6.72	15500	7.19	6.44		
CANYON (CAMPELL)	802	6.79	5.54	6.27	6.98	7.99	7.59	7.61	7.98	7.61	802	7.77	7.91		
STEDENBERG	646	4.40	4.99	4.47	4.53	4.83	5.07	5.46	6.08	5.10	646	5.84	3.29		
RIVERSIDE	10,645	4.74	5.50	5.11	6.09	6.54	6.43	5.97	6.57	6.34	10645	6.23	5.54		
PIONEER DIXIE	2,030	8.09	6.39	9.13	9.06	10.37	10.39	9.30	12.06	11.00	2030	11.75	9.86		
EUREKA #2	2,670	8.88	7.76	8.45	9.64	9.61	9.25	10.39	11.11	9.72	2625	11.31	10.53		
UPPER CENTER POINT	641	6.85	7.42	8.48	9.09	9.35	9.31	11.06	10.81	8.02	641	9.02	9.28		
LOWER CENTER POINT	880	5.01	6.53	5.93	6.52	6.73	6.57	7.05	7.43	6.80	880	7.73	6.83		
MISCELLANEOUS	1,444	5.37	5.08	5.72	5.78	5.64	5.95	6.01	5.93	4.95	1444	6.18	6.45		
TOTALS	309,880	4.92	4.56	5.09	5.75	5.53	5.51	5.43	6.05	5.19	310447	6.04	5.50		

ACREAGE TABLE WAS REVISED IN 1947 & 1956

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

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1947

1952	1953	1954	1955	ACRES IRRIGATED	1956	1957	1958	1959	1960	1961	1962	1963
5.25	5.11	5.75	4.81	164824	5.94	5.32	5.50	5.25	6.08	4.69	5.28	5.05
6.40	5.52	6.50	5.90	321	7.26	6.83	6.71	6.89	7.46	7.72	7.92	7.25
3.58	4.13	5.20	3.96	1057	4.45	3.51	3.48	3.68	3.95	3.73	3.80	3.43
6.42	6.61	7.21	6.22	26747	6.68	6.58	6.31	6.46	6.69	5.41	6.61	6.45
4.27	4.06	4.50	3.93	12282	4.48	3.89	4.10	4.32	4.51	3.75	4.33	4.18
5.36	4.94	4.88	4.83	1799	5.20	5.31	5.05	5.65	5.76	5.77	6.22	5.58
2.70	2.50	3.15	2.75	2503	2.92	2.47	2.14	2.28	2.50	2.53	2.56	1.93
5.10	5.06	5.53	4.94	1828	5.40	5.10	5.15	5.18	5.46	5.18	5.18	4.78
5.52	5.61	6.12	5.62	8900	6.54	5.34	5.69	5.80	6.11	4.96	5.71	6.57
7.11	8.40	8.73	7.03	2729	8.12	7.74	7.92	8.94	8.65	7.25	8.98	5.75
6.08	6.59	8.63	6.18	688	7.71	6.45	7.34	7.21	7.53	6.08	7.02	6.69
5.49	6.31	6.58	5.95	3059	6.43	6.06	6.48	6.88	6.94	5.53	6.27	7.45
6.87	7.68	8.96	7.08	763	7.96	7.08	7.45	7.79	9.55	6.91	7.49	7.92
5.51	5.69	5.90	4.20	5192	5.75	5.72	5.87	5.18	5.39	4.59	4.91	4.87
4.71	4.96	5.04	4.23	4400	4.90	4.87	5.00	4.42	4.60	3.91	4.18	4.15
9.06	8.60	9.54	8.33	1286	9.77	9.70	10.10	11.50	8.93	8.50	8.72	8.93
6.08	5.96	6.48	5.46	4007	6.46	6.03	6.06	6.01	6.02	5.57	6.45	5.89
6.35	6.16	6.07	5.18	2637	6.37	6.49	6.75	6.84	6.88	6.05	6.84	6.33
4.96	4.42	5.04	4.63	24362	4.82	4.39	4.58	4.86	5.83	4.63	4.80	4.76
5.81	5.92	6.56	5.95	1800	5.57	5.83	7.22	6.05	6.56	4.39	4.68	5.19
3.37	4.00	4.88	3.89	3960	5.18	4.51	4.33	3.80	4.09	3.84	3.63	4.46
6.78	6.67	7.54	6.72	15500	7.19	6.44	6.77	7.10	7.36	5.93	6.41	6.22
7.69	7.61	7.98	7.61	802	7.77	7.91	8.64	9.84	10.22	10.96	10.90	11.50
5.07	5.46	6.08	5.10	646	5.84	3.29	4.65	5.14	5.78	6.05	6.22	6.08
6.43	5.97	6.57	6.34	10645	6.23	5.54	4.72	4.53	4.69	5.04	5.32	5.35
10.39	9.30	12.06	11.00	2030	11.75	9.96	11.63	12.03	12.07	10.97	11.42	10.91
9.25	10.39	11.11	9.72	2625	11.31	10.83	11.30	12.12	12.24	9.67	11.43	12.76
9.31	11.06	10.81	8.02	641	9.02	9.28	9.30	10.09	9.07	8.20	10.54	10.53
6.57	7.05	7.43	6.80	880	7.73	6.83	7.57	8.75	8.82	9.71	9.58	9.57
5.95	6.01	5.93	4.95	1444	6.18	6.46	6.70	6.60	6.65	5.92	6.63	6.12
5.51	5.43	6.05	5.19	310447	6.04	5.50	5.63	5.57	6.15	4.96	5.53	5.41

BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE ARE IRRIGATED WITH WATER DIVERTED FROM MASON DRAIN AND 5 MILE CREEK.

SUMMARY TABLE IN SECOND FEET
SHOWING RETURN FLOW TO BOISE RIVER

RETURN FLOW TO ENTIRE RIVER

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
APRIL	479	712	1003	973	891	757	515	569	694	769	700	570	377	440	638
MAY	1213	1018	1223	1555	1896	1444	905	1424	1569	1110	1562	1879	1007	1254	894
JUNE	1168	1326	1456	1496	1141	1814	1177	1578	1300	1601	1213	1461	998	946	1505
JULY	893	1203	1381	1436	1253	1403	1330	1322	1329	1257	1162	1318	878	1143	1180
AUG.	755	1185	1362	1205	1317	1325	1211	1441	1337	1258	1454	1510	817	1164	1225
SEPT.	832	1112	1296	1495	1367	1507	1349	1347	1338	1425	1379	1442	1096	1299	1481
AVERAGE	892	1093	1287	1352	1212	1388	1081	1280	1261	1243	1250	1363	862	1041	1154

RETURN FLOW TO SECTION ONE

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
JULY	282	343	460	411	389	351	379	210	215	214	185	273	163	248	246
AUG.	287	378	426	330	373	386	307	394	254	235	256	352	178	241	238
SEPT.	271	331	360	293	342	457	330	266	245	260	241	252	238	215	298
AVERAGE	280	351	415	345	362	411	338	297	238	236	241	306	193	235	261

RETURN FLOW TO SECTION TWO

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
JULY	611	860	921	1025	884	1092	951	1112	1114	1052	977	1045	715	895	934
AUG.	478	807	936	875	934	939	904	1047	1083	1053	1188	1156	639	923	987
SEPT.	561	781	936	1202	1025	1050	1019	1061	1093	1165	1138	1150	858	1064	1183
AVERAGE	550	816	931	1032	947	1027	958	1073	1097	1090	1101	1117	737	967	1035

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

DRAINAGE DISTRICT NO. 2

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

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

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

DRAINAGE DISTRICT NO. 3

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

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

DRAINAGE DISTRICT NO. 4

	INCHES
THURMAN MILL	570.98
RIDENBAUGH	51.34
WARM SPRINGS SLOUGH	127.68

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

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT		CFT. OF REC.
				SEC. FT.	INCHES	FILE NO.
66-A	4-1-1878	J. S. KRAUS	BALLANTINE	.80	40	373
127-A	4-1-1897	H. E. PLAIN	DRY CREEK	.54	27	373
66-C	4-1-1878	J. B. KILANDER	BALLANTINE	1.40	70	373
66-D	4-1-1878	M. T. GRIFFITH	BALLANTINE	.80	40	373
73-A	4-1-1880	GORGE A. SONGER	DRY CREEK	.54	27	373
75-A	6-1-1880	C. B. FRANK	DRY CREEK	.816	40.80	380
136	5-1-1906	H. E. RYMER	BALLANTINE	.956	17.80	325
85-A	6-1-1882	LEO MARSTERS	WARM SPRINGS	1.60	80	324
137	5-1-1909	B. P. WEAVERLING	MADE & MADE	1.60	80	294
138	6-1-1912	NESLEY A. MADE	FATLIN & MADE	.40	20	293
85-C	5-1-1893	WM. HUCKBA	DRY CREEK	.203	10.15	321
85-D	5-1-1893	C. H. SCHMELZER	BALLANTINE	.7506	37.53	320
85-E	5-1-1893	C. W. MCGILVER	DRY CREEK	.95	17.50	319
124-A	5-1-1893	W. D. CHARTERS	DRY CREEK	.825	41.25	318
85-F	4-1-1883	JACOB BINGHAM	SETTLERS	1.00	50	317
77-A	4-15-1882	ROC HOLMS	RIVERSIDE TRAIL, DIST.	3.674	183.70	295
5-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 SPENDER	RIVERSIDE TRAIL, DIST.	.72	36	12-A VISC.
116-B	6-1-1890	WILLIS B. SPENDER	" " "	.10	5	" "
116-C	6-1-1890	REBECCA BELL	" " "	.40	20	" "
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.50	80	466
114-B	5-1-1889	GUS A. BARTH	" " "	.80	40	467
77-A	6-1-1881	" " "	PARMA DITCH CO.	1.50	80	467
77-B	6-1-1881	CHARLES JURRIES	" " "	.34	17	467
77-C	6-1-1881	JAMES FINLAY	" " "	.90	40	467
77-D	6-1-1881	LESTER J. SHIPPY	" " "	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 RATER	.60	30	482
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	482
71-A	4-1-1879	ISLAND HIGHLINE DITCH CO.	" " "	3.00	150	491
137-A	4-1-1910	" " "	" " "	7.00	350	491
139	4-1-1915	" " "	" " "	10.00	500	491
75-A	1880	ALBERT LEMP ET AL	LARSEN-BAXTER & LEMP	3.20	160	496
29-A	1865	LOUISE SLOMONSON	LEMP DITCH-CABLE ISLAND	6.00	300	496
8-B	4-1-1865	FIRST NAT. BANK OF PUERTO	BURB	1.80	90	497
29-B	1865	S. J. HARDIES & AMELIA LESLEY	BURB	.50	25	498
51-A	1870	" " "	" " "	1.00	50	498
115-A	1889	" " "	" " "	.94	42	498
50-A	5-1-1875	ROEDEL, EARL F. & OTTO R.	INDIAN CREEK	3.20	160	648
12-A	4-15-1893	OTTO & MARIE MULLER	MIDDLETON MILL DITCH	1.60	80	
81-A	4-1-1910	MOJANUS & TEATER	HORTON ISLAND	3.35	1.68	

TABLE SHOWING CHANGE IN POINT

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DATE OF CHANGE	PRIORITY		NO. OF ACRES
	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			90
32	DAVIS	DAVIS DITCH	7-15-1919			
35	PIONEER DIXIE	RIVERSIDE	4-3-1919			163
36	CANYON COUNTY	MIDDLETON WATER	4-12-1918	35	6-1-57	
38	HART & DAVIS	SEVEN SUCKERS	9-24-1915			
39	HART & DAVIS	SEVEN SUCKERS	6-12-1918			
48	PIONEER DIXIE	PIONEER DIXIE	9-26-1918			
50	LOWER GEN. POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-65	
51	LOWER GEN. 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	BALLANTINE	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	31-8	6-1-66	
64	BALLANTINE	DRY CREEK	12-21-1921	102	6-1-88	
75	MIDDLETON MILL	CANYON COUNTY	11-25-1924			
76	SETTLERS	SETTLERS	3-12-1925	85-8	4-1-83	
77	BUSH	BAHLER	4-25-1925	8-A	4-1-65	80
77	BUSH	BAHLER	4-25-1925	47-A	4-1-70	
83	WARM SPRINGS	SETTLERS	4-24-1926			
84	MIDDLETON WATER	FARMERS UNION	3-9-1926	65	6-1-77	
85	UPPER GEN. POINT	EUREKA NO. 2	5-7-1925			
91	BALLANTINE	DRY CREEK	6-23-1926	103		
103	PARMA DITCH	PARMA DITCH	10-3-1928			
126	LAWRENCE & KENNEDY	MIDDLETON WATER	3-25-1931	31-A	6-1-60	
127	BOWMAN & SWISHER	LARSEN, BAXTER & LEMP	9-15-1930		6-1-65	
131	EUREKA NO. 2	LOWER CENTER POINT	1-16-1932	89	11-9-83	
140	BALLANTINE	NEW DRY CREEK	4-23-1934	85-0	5-1-83	
141	FISCHER POWER	FISCHER POWER	12-15-1934		7-9-12	
147	MIDDLETON MILL	CANYON COUNTY	1-9-1936		6-1-67	
148	PIONEER DIXIE	UPPER GEN. POINT NO. 1	4-17-1936	96	13-1-87	
151	NEW DRY CREEK	BALLANTINE	2-18-1937		5-1-93	
152	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-70	
153	REIN-KEDDGH-BAHLER	RIDENBAUGH	5-15-1937		5-1-95	
154	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-65	
159	UPPER CENTER POINT	EUREKA NO. 2	5-27-1939		6-1-65	
161	BALLANTINE	NEW DRY CREEK	5-1-1940	103	6-1-88	
174	BALLANTINE	NEW DRY CREEK	3-28-1941	103	6-1-88	
175	RIVERSIDE	EUREKA	4-11-1944		6-1-83	
176	MAMMON DITCH	HAAS DITCH	4-16-1944		6-1-78	
179	CATLIN-MACE	SEVEN SUCKERS	3-31-1945	51	6-1-64	
				52	6-1-71	
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-83	
227	O'DONNELL		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		7-15-21	
257	O'DONNELL DITCH	PARMA DITCH	10-10-62	114-B	5-1-89	

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

DATE OF CHANGE	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	REMARKS
	NO.	DATE				
4-2-1912	96	10-1-27	80		THOS. T. JOHNSTON	
7-31-1912					ALBERT F. CLEMONS	
8-26-1918			50	50	J. C. HUGHES	
7-15-1919					ED DAVIS	
4-3-1919			160	100	REBECCA BELL	
4-12-1918	35	6-1-57		19	DRAPER & OTHERS	
9-24-1915				52	SHAFFER & OTHERS	
6-12-1918					GEORGE RAMBO	
9-25-1918					JAS. D. RUARK	TO INDIAN CREEK
3-31-1920	19	6-1-65		144	JOHN S. SWISHER	
3-31-1920	20	6-1-65		320	GIRD BOWMAN	
4-24-1920	35	6-1-67		55 ¹ / ₂	H. G. DUDLEY	FOOTE & WISEMAN
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	
4-25-1925	8-A	4-1-65	80	40	ADOLPH BAHLER	
4-25-1925	47-A	4-1-70		40	ADOLPH BAHLER	
4-25-1926				36	LEO MARSTERS	
3-7-1926	65	6-1-77		40	J. C. RALPH	
5-7-1926				25	J. C. BRUCE	
6-23-1926	103			32 ¹ / ₂	IRA E. BARBER	NOT APPROVED BY LITCH SECRETARY
10-3-1928					CHARLES JURRIES	
3-25-1931	31-A	6-1-66		115	WM. MUSSER	
8-15-1930		6-1-65		40	WM. BAXTER	
1-10-1932	89	11-9-83		35	R. E. MCQUIRE	
4-23-1934	85-C	5-1-83		3	CHAS. H. SCHMELZER	
12-16-1934		7-9-12			FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
1-9-1936		6-1-67		10	CORA M. CLIFTON	
4-17-1936	96	10-1-87		75	DORA GREER	DECREE TO AMERICAN LIT
2-18-1937		5-1-73		6.75	J. H. DONE	
5-15-1937		4-1-70		40	ADOLPH BAHLER	
5-15-1937		5-1-95		50	ADOLPH BAHLER	
5-15-1937		4-1-65		40	ADOLPH BAHLER	
5-27-1939		6-1-95		5	RAYMOND T. BRESHEARS	
5-27-1940	103	6-1-88		32 ¹ / ₂	SID BARBER	
3-28-1944	103	6-1-88		12	FRANK W. RAY	
4-11-1944		6-1-83		85	WILBUR BRESHEARS	
4-18-1944		6-1-78		440	CHARLOTTIL 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	TO BE PLUMPEL FROM THE RI
6-30-58	89	11-9-83		30	J. E. EKKERD	
6-30-58		7-15-24		60	MARIE ECHEVARRIA & I. N. KESSINGER	LICENSED WATER RIGHT #1
10-10-62	114-B	5-1-89		80	BERT L. TREDWAY	O'DONNELL DITCH WASHED AW

OF DIVERSION OF DECREEED RIGHTS ON BOISE RIVER

CHART NO. 22

QUANTITY IN INCHES	BY WHOM	REMARKS
50	THOS. T. JOHNSTON	
	ALBERT F. CLEMONS	
	J. C. HUGHES	
	ED DAVIS	
100	REBECCA BELL	
19	CRAPER & OTHERS	
52	SHAFFER & OTHERS	
	GEORGE RAMBO	
	JAS. C. RUARK	TO INDIAN CREEK
144	JOHN S. SWISHER	
320	BIRE BOWMAN	
55 $\frac{1}{2}$	H. G. DUDLEY	FOOTE & WISEMAN
30	EDWARD MCCLINTICK	
130	W. KENNEDY	
30	MINNIE COUZENS	
10	HARRY SEAVEY	
25	DETWEED ETC. BANK	
50	JACOB BINGHAM	
40	ADOLPH BAHLER	
40	ADOLPH BAHLER	
36	LEO MARSTERS	
40	J. C. RALPH	
25	J. C. BRUCE	
32 $\frac{1}{2}$	IRA E. BARGER	NOT APPROVED BY DITCH COMPANIES SECRETARY
	CHARLES JURRIES	
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	DECREEED TO AMERICAN DITCH ASSOC.
6.75	J. H. CONE	
40	ADOLPH BAHLER	
50	ADOLPH BAHLER	
40	ADOLPH BAHLER	
5	RAYMOND T. BRESHEARS	
32 $\frac{1}{2}$	SID BARGER	
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. EKKERS	
60	MARIE ECHEVARRIA & I. N. KESSINGER	LICENSED WATER RIGHT #15242 FORMERLY DIVERTED FROM A SLOUGH
80	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO					
34	SETTLERS	SETTLERS	92	10-17-84	3-16-1909	15	WALTER S. BR
34	"	"	122	6-1-91	3-16-1909		
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100	C. H. ROSENE
38	AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-87	9-1-1909	605	WM. W. WESSOL
45	SETTLERS	SETTLERS			2-5-1910	10	J. E. MOORE
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-66	2-4-1910	112	BARBER LUMBER
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-16-1910	1475	AMERICAN DITCH
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210	NICHOLS & COO
50	SETTLERS	SETTLERS			6-7-1910	20	J. P. CUEK
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	50	J. A. CARTER
71	UPPER CEN. POINT	EUREKA NO. 2	24	6-1-65	3-11-1911	40	J. J. BOLANI
105	SIEBENSBERG	CANYON DITCH	9	6-1-65	9-18-1912	25	H. E. WERK
111	EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	60	H. L. RANDALL
111	PIONEER DIXIE	HILLCREST	8	9-1-64	11-25-1912	1017	H. L. RANDALL
111	"	"	45	6-1-65	11-25-1912		
136	JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	1000	BOISE FRUIT TR
219	PIONEER IRR. DIST.	PIONEER IRR. DIST.			7-15-1916	432	PIONEER IRR. D
300	MIDDLETON MILL	DRY CREEK			4-23-1921	17.5	EMMA V. FOWLER
301	MIDDLETON MILL	DRY CREEK			4-20-1921	77	JOHN F. GORDON
347	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	C. E. WHITE
349	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	FRANK WEASEL
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	CARL A. LUSH
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5-1-1925	10	NELLIE B. WHITE
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2	HENRY B. BARTLE
373	BOISE CITY	FARMERS UNION	33	6-1-66	1-26-1926	16.7	L. A. RICE
374	MIDDLETON WATER # 1	FARMERS UNION	65	6-1-77	5-6-1926	20	H. D. FARMS
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10	A. J. KING
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	MARY F. LEACH
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13.3	H. E. MCCONNELL
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	H. W. HAMLET
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	E. E. SMITH
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-64	8-13-1926	7.5	RUSH CHASE
			54)	6-1-71			
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20	FRED ESSLER
393	MIDDLETON MILL	FARMERS UNION	3)	6-1-64	9-15-1926	14.1	A. C. BOWERMAN
393	MIDDLETON MILL	FARMERS UNION	54)	6-1-71			
393	MIDDLETON MILL	FARMERS UNION	120)	6-1-51			
395	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25	G. R. NEWBIRE
412	THURMAN	SETTLERS	81	6-1-62	12-2-1927	20	CHAS. P. MACE
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5	D. E. ALLISON
466	RIDENBAUGH	NEW YORK	106	8-20-86	7-6-1929	445	W. H. TAYLOR
469	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5	C. C. MOORE
477	SETTLERS	SETTLERS	92	10-17-84	11-16-1929	10	CHAS. M. WALKER
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3	FRANK P. WEASEL
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50	W. SCOTT ANDERSON
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25	FARMERS UNION LTD
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-1934	15	A. B. WHITNEY
542	FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.37	FEDERAL LAND BANK
595	JACOBS CANAL	NAMPA-AMERICAN	1	6-1-64	5-6-1938	10	BOISE TRUST CO.
595	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10	BOISE TRUST CO.
608	RIVERSIDE	PIONEER DIXIE	88	6-1-63	4-25-1940	50	W. F. TRACY
644	RIVERSIDE	PIONEER DIXIE	88	6-1-63	11-12-1942	35	S. E. SMITH
654	CONSUMERS	SETTLERS	30	5-1-66	10-16-1943	25	W. B. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-16-1943	90	W. B. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-16-1943	25	W. B. HOWELL

TRANSFER OF LICENSE RIGHTS ON BOISE RIVER

CHART NO.

DATE OF TRANSFER	COUNTY IN WHICH RIGHTS WERE TRANSFERRED	BY WHOM TRANSFERRED	REMARKS
3-10-1900	18	BALTIMORE BRIDGE	
3-10-1900			
3-10-1900	100	C. H. ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
3-10-1900	605	W. A. WESSLER	
3-10-1900	10	J. L. ANDER	
3-10-1900	112	BARTON JENSEN CO.	
3-10-1900	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
3-10-1900	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
3-10-1900	20	J. P. CULLEN	
3-10-1900	50	J. A. CONNIGHT	
3-10-1900	40	J. L. FILLANE	CHANGE IN POINT OF DIVERSION ONLY
3-10-1900	25	H. E. MEEK	
3-10-1900	60	H. L. HEDGALL & OTHERS	
3-10-1900	1017	H. L. HEDGALL & OTHERS	
3-10-1900	1000	BOISE TRUST TRACT CO.	
3-10-1900	432	RICKLER TRACT, EISEN	LICENSED RIGHT INDIAN CREEK
3-10-1900	17.5	EDWIN A. DOWLER	
3-10-1900	77	JOHN F. GROOM	
3-10-1900	7	C. L. WHITE	
3-10-1900	7	FRANK WHEEL	
3-10-1900	7	CARL A. GISH	
3-10-1900	10	NEVILLE J. WHITAKER	
3-10-1900	16.7	EDWIN A. BARTLETT	
3-10-1900	16.7	L. A. HIDE	
3-10-1900	20	H. C. PARKS	
3-10-1900	10	A. J. KING	
3-10-1900	20	MARY F. LEACH	
3-10-1900	17.3	H. L. MCINNELL	
3-10-1900	20	H. L. BARTLETT	
3-10-1900	20	E. L. SMITH	
3-10-1900	2.5	ELMER CHASE	
3-10-1900	20	PHIL ELMERS	
3-10-1900	14.4	A. C. DERRMAN	
3-10-1900	25	G. H. MCGILL	
3-10-1900	20	EDWIN P. MACE	
3-10-1900	12.5	G. L. ALFORD	FORMERLY MIDDLETON WATER
3-10-1900	445	H. H. TAYLOR	
3-10-1900	5	C. C. WOOD	
3-10-1900	10	EDWIN P. WALKER	
3-10-1900	3	FRANK P. WHEEL	
3-10-1900	50	H. J. JOHNSON	
3-10-1900	25	CARRIAGE UNION DITCH	
3-10-1900	15	A. B. WHITNEY	
3-10-1900	34.37	FEDERAL LAND BANK	
3-10-1900	10	BOISE TRUST CO.	CONVEY IN FALL
3-10-1900	10	BOISE TRUST CO.	
3-10-1900	20	S. F. TRACY	
3-10-1900	25	C. L. SMITH	
3-10-1900	25	H. P. HILL	LARSON TRACT
3-10-1900	50	H. P. HILL	HARRING TRACT
3-10-1900	25	H. P. HILL	BUTTE TRACT

NO. OF TRANSFER	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO	NO.	DATE			
660	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-11-1944	30	
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	8	L. R. DUB
694	"	"	30	5-1-66	4-29-1946	6	W. L. HOB
694	"	"	30	5-1-66	4-29-1946	7	"
701	"	"	30	5-1-66	4-29-1946	13	"
702	"	NEW YORK	30	5-1-66	12-20-1946	100	"
712	"	SETTLERS	30	5-1-66	12-20-1946	30	"
712	"	"	30	5-1-66	6-14-1947	10	"
712	"	"	30	5-1-66	6-14-1947	10	"
713	"	"	30	5-1-66	6-14-1947	25	"
717	STEINBERG	NEW DRY CREEK	30	5-1-66	6-14-1947	27	"
720	CONSUMERS	FARMERS CO-OP	9	5-1-65	11-25-1947	32	R. V. DUB
720	"	SETTLERS	30	5-1-66	5-4-1948	10	W. L. HOB
720	"	"	30	5-1-66	5-4-1948	10	"
720	"	"	30	5-1-66	5-4-1948	7	"
720	"	"	30	5-1-66	5-4-1948	10	"
720	"	"	30	5-1-66	5-4-1948	20	"
736	THURMAN MILL	"	30	5-1-66	5-4-1948	10	"
736	CONSUMERS	"	37	6-1-68	3-9-1949	50	AIRPORT
736	"	"	30	5-1-66	3-9-1949	55	W. L. HOB
753	"	"	30	5-1-66	4-2-1949	7.5	"
754	"	"	30	5-1-66	4-14-1950	23	J. R. DUB
760	"	MIDDLETON MILL	30	5-1-66	4-14-1950	20	J. R. DUB
760	HILLCREST	NEW YORK	8	9-1-64	3-26-1952	1000	FOREST SO
790	"	"	45	6-1-69	3-26-1952	17	"
790	"	"	96	10-1-87	3-28-1952	60	"
823	CONSUMERS	"	30	5-1-66	7-13-1954	300	G. S. TAYL
829	"	SETTLERS	30	5-1-66	9-3-1954	24	"
871	THURMAN MILL	"	36	6-1-68	10-2-1956	14.4	J. R. DUB
872	"	"	36	6-1-68	10-2-1956	11	GEORGE L.
873	CONSUMERS	"	30	5-1-66	10-2-1956	10	G. S. TAYL
890	"	"	30	5-1-66	7-11-67	5	FRANCIS H.
906	"	"	30	5-1-66	4-3-58	5	"
917	"	"	30	5-1-66	12-15-58	10	"
918	"	"	30	5-1-66	12-15-58	1.25	"
940	"	"	30	5-1-66	2-15-60	2.5	"
976	"	NEW YORK	30	5-1-66	1-17-62	75	G. S. TAYL
977	"	SETTLERS	30	5-1-66	1-17-62	10	"
979	"	"	30	5-1-66	2-23-62	5	"
980	"	"	30	5-1-66	2-23-62	6	"
990	"	"	30	5-1-66	5-29-62	10	"
991	"	"	30	5-1-66	7-5-62	4	"
1007	"	"	30	5-1-66	7-5-62	8	"
1009	"	NEW YORK	30	5-1-66	4-17-63	50	"
1010	NEW DRY CREEK	DRAIN DITCH	73-A	4-1-80	5-16-63	5	NEW DRY CREEK
1011	CONSUMERS	NEW YORK	30	5-1-66	6-14-63	100	G. S. TAYLOR
1011	"	RIVER	30	5-1-66	6-3-63	150	"
1017	"	NEW YORK	30	5-1-66	9-26-63	30	"

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

CHART NO. 23-A

DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
11-1944	30	E. W. BALEWIN	
29-1946	8	W. W. HOWELL	KENNETH G. EARL
29-1946	6	"	L. R. FEWES
29-1946	7	"	D. G. STARK
29-1946	13	"	G. W. KYLE
20-1946	100	"	RED JENSON (BOISE-KUNA IRRIG. DIST.)
20-1946	30	"	MRS. EDITH CURTIS
12-1947	10	"	CLYDE SIMPSON
14-1947	10	"	JOHN DEVON
14-1947	25	"	LEN SIMPSON
14-1947	27	"	J. S. BEIBE
25-1947	32	R. M. TUCKER	
4-1948	10	W. W. HOWELL	W. E. LUTY
4-1948	10	"	TOM ERQUIAGA
4-1948	7	"	LOUIS OELMOTT
4-1948	10	"	W. H. CALDWELL
4-1948	20	"	NORMAN C. STEELE
4-1948	10	"	GEORGE LERT ROYLANCE
3-1949	50	AIRCRAFT SERVICE CO.	
5-1949	53	W. W. HOWELL	
4-1949	7.5	"	
1-14-1950	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
1-14-1950	20	J. R. FIELD	BRINK TRACT
1-28-1952	1000	FOREST GOWER	
1-28-1952	17	"	
1-28-1952	60	"	
7-13-1954	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
9-3-1954	24	"	10" TO THE GOLIEN KENT TRACT AND 14" TO THE EDMUND BUCKLEY TRACT
10-2-1956	14.4	J. FRANK BRUCE	
10-2-1956	11	GEORGE T. KRYLER, JR.	
10-2-1956	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
7-11-67	5	FRANCIS H. NETTZEL	R. S. POTTER TRACT
4-3-58	5	"	R.W. WHITE TRACT
12-15-58	10	"	EDWARD C. MAW & F. LEROY SPRAGUE TRACT
12-15-58	1.25	"	H. P. IRBY TRACT
2-15-60	2.5	"	EARL M. & DELLA LUKEHART TRACT
1-17-62	75	G. S. TAYLOR	SYMMS FRUIT RANCH, INC.
1-17-62	10	"	EVERETT RAMBO TRACT
2-23-62	5	"	R. E. DAISY M. THOMPSON TRACT
2-23-62	6	"	CHESNEY LITTLE TRACT
5-23-62	10	"	THERION E. CHRISTENSEN TRACT
7-5-62	4	"	LYLE F. TRAPP TRACT
7-5-62	8	"	CHARLES G. HYDE TRACT
4-17-63	50	"	GLENN DRAPER
5-16-63	5	NEW DRY CREEK	R. B. BETTY
6-14-63	100	G. S. TAYLOR	JOHN DOBSON
6-3-63	150	"	SURPRISE VALLEY FARMS
9-26-63	30	"	FRANCIS HERMAN

REMARKS

KENNETH O. EARL
 L. R. FEUKES
 D. G. STARK
 G. W. KYLE
 REX JENSON (BOISE-KUNA IRRIG. DIST.)
 MRS. EDITH CURTIS
 CLYCE SIMPSON
 JOHN DEVON
 LEN SIMPSON
 J. S. BETHE

W. E. LOTY
 TOM ERQUIAGA
 LOUIS ODERMOTT
 W. H. CALDWELL
 NORMAN C. STEELE
 GEORGE LERT ROYLAND

8th HALLER TRACT, 15th KIMBLE TRACT
 DRINK TRACT

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

THEODORE L. JOHNSON TRACT

R. S. POTTER TRACT
 R. R. 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

NO.	DATE	NAME	AMOUNT DECREEED SEC. FT. INCHES		NO.	DATE	NAME	AMOUNT DECREEED SEC. FT. INCHES	
1.	X6-1-64	THOMAS DAVIS			46.	6-1-69	MASON CREEK DITCH CO.		
2.	X6-1-64	JACOBS CANAL CO.	2.20	110	47.	X6-1-69	T. W. BOONE	37.20	11
3.	X6-1-64	MIDDLETON MILL DITCH	20.00	1000	48.	6-1-70	W. J. HAMMING	5.50	
4.	X6-1-64	THOMAS ANDREWS	12.80	640	49.	6-1-70	PIONEER CANAL	2.50	
5.	X6-1-64	CATLIN & MACE	3.30	165	50.	6-1-69	BARBER LUMBER CO.	25.72	12
6.	X6-1-64	T. C. CATLIN	2.86	143				2.24	1
7.	X6-1-64	C. C. HAVIRI	3.30	165	51.	X6-1-70	THOMAS ANDREWS		
8.	X6-1-64	PIONEER LIXIE DITCH CO.	3.30	165	52.	6-1-71	CATLIN & MACE	1.30	
9.	X6-1-65	SIEBENBERG DITCH CO.	20.00	1000	53.	6-1-71	PETER MEEVES	7.86	3
10.	X6-1-65	ALLEN V. WEBSTER	13.42	671	54.	6-1-71	MIDDLETON MILL DITCH CO.	1.80	
			1.20	60	55.	6-1-72	J. F. YARYAN	33.70	16
11.	X6-1-65	J. F. YARYAN						.70	3
12.	X6-1-65	GRAHAM & GILBERT	.66	33	56.	6-1-72	J. F. YARYAN		
13.	X6-1-65	EUREKA WATER CO.	4.40	220	57.	6-1-72	MARY C. DAVIS	1.40	7
14.	X6-1-65	NEW UNION DITCH CO.	33.32	1666	58.	6-1-72	EDWARD N. HART	4.40	22
15.	X6-1-65	BOISE VALLEY IRRIG. DITCH CO.	13.76	688	59.	X6-1-74	J. W. BOONE	3.30	16
			54.58	2729	60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	2.20	11
16.	X6-1-65	RIDENBAUGH & ROSSI						12.00	50
17.	X6-1-65	RIDENBAUGH & ROSSI (POWER)	9.20	460	61.	6-1-76	EDWARD & MARY CLARK		
18.	X6-1-65	DENVER & IDAHO LAND CO.	265.80	13290	62.	6-1-76	JOHN CECIL	2.36	11
19.	X6-1-65	MARTHA BOWMAN	.80	40	63.	6-1-77	THOMAS ATKENS	.44	22
20.	X6-1-65	BIRD BOWMAN	2.88	144	64.	6-1-77	W. H. CONWAY	5.20	26
			6.40	320	65.	6-1-77	MIDDLETON WATER CO.	.90	45
21.	X6-1-65	G. W. GESS						114.38	573
22.	X6-1-65	ROBERT MCGUIRE	2.00	100	66.	7-1-77	PERRAULT & JOHNSON (POWER)		
23.	X6-1-65	G. W. COOPER	3.20	160	67.	5-1-78	NANPA-MERIDIAN IRRIG. DIST.	200.00	1000
24.	X6-1-65	J. W. ROLAND	3.20	160	68.	X6-1-78	JOHN MAMMON	170.00	850
25.	X6-1-65	DRAPER & WELLS	2.40	120	69.	X6-1-78	JULIA MAMMON	4.20	210
			3.94	197	70.	X6-1-78	CHARLES ALLEN	3.30	165
26.	X6-1-65	THOMAS J. PALMER						6.80	440
27.	X6-1-65	NOAH W. PALMER	1.60	80	71.	X6-1-78	R. H. STOCKTON		
28.	X6-1-65	J. N. TUCKER	1.58	79	72.	6-1-79	NEW DRY CREEK DITCH CO.	4.40	220
29.	X6-1-65	THOMAS ANDREWS	7.00	350	73.	X6-1-79	E. MUMFORD	31.32	1566
30.	X5-1-66	J. PERRAULT & R. JOHNSON	6.00	300	74.	X6-1-80	SMITH STOCKTON	4.00	200
			50.00	2500	75.	6-1-80	ISHAM JOPLIN	1.76	88
31.	X6-1-66	WILLIAM P. KENNEDY						2.40	120
32.	X6-1-66	MANVILLE & LEONARD	2.60	130	76.	10-20-80	JOSEPH GOBLE	.90	45
33.	6-1-66	BOISE CITY CANAL CO.	3.50	175	77.	10-20-80	FRANKLIN DITCH CO.	27.80	1390
34.	6-1-66	FRANKLIN DITCH CO.	38.06	1903	78.	6-1-82	ALLEN V. WEBSTER	.90	45
35.	6-1-67	CANYON CO. WATER CO.	15.40	770	79.	6-1-82	SUSIE CAMPBELL	.60	30
			75.80	3790	80.	6-1-82	J. T. BARBER	1.60	80
36.	6-1-68	MARTHA E. MCCARTHY			81.	6-1-82	SONORA JOPLIN		
37.	6-1-68	H. L. & DORA WOODMAN	14.10	705	82.	6-1-82	S. W. HUTCHINSON	1.60	80
38.	X6-1-68	T. T. JOHNSON	3.70	185	83.	6-1-82	JOHNSON	.44	22
39.	X6-1-68	ROSS, ALLEN, DILLEY & ROSS	3.20	160	84.	6-1-82	ANDREW J. JOPLIN	.44	22
40.	6-1-68	S. S. GRAY	8.54	427	85.	6-1-82	JAMES L. GRAHAM	2.46	123
			1.40	70				2.20	110
41.	X6-1-69	JOHN MAMMON			86.	X6-1-83	FARMERS COOP. DITCH		
42.	6-1-69	ISAAC BEDAL	1.80	90				20.00	1000
43.	X6-1-69	FREDERICK ODE	1.60	80	87.	6-8-83	FRANCIS M. JOPLIN	.90	45
44.	X6-1-69	PRIOR BURNETT	3.60	180	88.	X6-1-83	W. A. BLACK	12.00	600
45.	X6-1-69	PIONEER LIXIE DITCH CO.	8.50	425	89.	X11-9-83	EUREKA DITCH CO. NO. 2	24.70	1235
			35.44	1772	90.	6-1-84	PIONEER IRRIG. DIST.	53.10	2655

X INDICATES RIGHTS SUPPLIED BY RETURN FLOW TO RIVER

AMOUNT DECREEED					AMOUNT DECREEED				
	SEC. FT.	INCHES	NO.	DATE	NAME	SEC. FT.	INCHES		
DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000		
IG	3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4953		
AL	2.60	130	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761		
ER CO.	25.72	1266	94.	6-1-86	THOMAS DAVIS	13.40	670		
	2.24	112	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200		
EWS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390		
CE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393		
S	1.80	90	98.	6-1-88	A. V. LINDER	4.00	200		
ILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH	1.30	65		
N	.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70		
N	1.40	70	101.	6-1-88	ED. J. LINDER	1.46	73		
IS	4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20	60		
ART	3.30	165	103.	6-1-88	JESSIE WILSON	1.40	70		
	2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45		
PERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500		
RY CLARK	2.30	115	106.	8-20-88	NAMPA-MERIDIAN IRRIG. DIST.	370.34	18542		
NS	.44	22	107.	5-1-89	CHAS. S. MILLER	.06	3		
AY	5.20	260	108.	5-1-89	LOMMIS S. HOSELEY	.02	1		
WATER CO.	.90	45	109.	5-1-89	S. J. UTTER & C. E. TAYLOR	2.40	120		
	114.38	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300		
JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147		
IAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05	2		
N	4.20	210	113.	5-1-89	GRACE CALL	.10	5		
ON	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1		
LEN	6.80	440	115.	6-1-89	SONORA JOPLIN	.06	3		
KTON	4.40	220	116.	6-1-89	SONORA JOPLIN	1.20	60		
ECK DITCH CO.	31.32	1566	117.	5-1-90	PIONEER IRRIG. DISTRICT	200.00	10000		
	4.00	200	118.	6-1-91	W. H. CONWAY	2.20	110		
KTON	1.76	88	119.	6-1-91	THOMAS DAVIS	.54	27		
IN	2.40	120	120.	6-1-91	MIDDLETON WILL DITCH CO.	17.00	850		
LE	.90	45	121.	X6-1-91	THOMAS ANDREWS	3.30	175		
DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	73.44	3672		
EBSTER	.90	45	123.	6-1-91	THOMAS Aiken	.80	40		
BELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	60.00	4000		
ER	1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76	88		
ELIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500		
JOHNSON	.44	22	127.	5-1-95	CHARLES REIN & JANE KEDGH	1.00	50		
	.44	22	128.	7-1-95	MATHEW CASEY	.60	33		
JOPLIN	2.86	143	129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50	4175		
GRAHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000		
TOP. DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955		
J. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500		
OK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500		
EDM CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277		
IRIG. DIST.	53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34	2817		

	AMOUNT DECREED		NO.	DATE	NAME	AMOUNT DECREED	
	SEC. FT.	INCHES				SEC. FT.	INCHES
DITCH CO.	37.30	1860	91.	X5-1-64	RIVERSIDE IRRIG. DIST.	20.00	1000
IS	3.50	175	92.	10-17-64	SETTLERS CANAL CO.	95.06	4953
AL	2.00	130	93.	6-1-66	NEW DRY CREEK DITCH	15.22	761
ER CO.	25.72	1255	94.	6-1-66	THOMAS DAVIS	13.40	670
	2.24	112	95.	X1-23-67	WM. C., L. & E. YOUNG	4.00	200
ENS	1.30	65	96.	X10-1-67	AMERICAN DITCH ASSOC.	47.80	2390
CE	7.80	393	97.	6-1-68	NEW DRY CREEK DITCH CO.	7.86	393
S	1.60	90	98.	6-1-68	A. V. LINDER	4.00	200
ILL DITCH CO.	33.70	1685	99.	6-1-68	LEVI SMITH	1.30	65
N	.70	35	100.	6-1-68	CHARLOTTE CALHOUN	1.40	70
N	1.40	70	101.	6-1-68	ED. J. LINDER	1.46	73
AS	4.40	220	102.	6-1-68	LIZZIE EVERETT	1.20	60
WART	3.30	165	103.	6-1-68	JESSIE WILSON	1.40	70
	2.20	110	104.	X6-1-68	THOMAS ANDREWS	.90	45
PERATIVE DITCH CO.	13.00	500	105.	X7-1-68	FARMERS CO-OP DITCH CO.	50.00	2500
RY CLARK	2.30	115	106.	8-20-68	NAMPA-MERIDIAN IRRIG. DIST.	370.84	18542
ENS	.44	22	107.	5-1-69	CHAS. S. MILLER	.06	3
AY	5.70	260	108.	5-1-69	LOMMIS S. HOSELEY	.02	1
WATER CO.	.00	45	109.	5-1-69	S. J. UTTER & C. E. TAYLOR	2.40	120
	114.00	5704	110.	5-1-69	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
JOHNSON (POWER)	200.00	10000	111.	5-1-69	ESTATE OF J. H. GALLAGHER	2.94	147
CIAN IRRIG. DIST.	173.00	8500	112.	5-1-69	ANNA H. FOWARTY	.05	2
N	4.70	210	113.	5-1-69	GRACE CALL	.10	5
ON	3.20	160	114.	5-1-69	SAMUEL H. CANFIELD	.03	1
LEN	6.80	440	115.	6-1-69	SONORA JOPLIN	.06	3
XTON	1.40	220	116.	6-1-69	SONORA JOPLIN	1.20	60
ECK DITCH CO.	31.32	1566	117.	5-1-70	PIONEER IRRIG. DISTRICT	200.00	10000
	1.00	200	118.	6-1-71	W. H. CONWAY	2.20	110
XTON	1.75	88	119.	6-1-71	THOMAS DAVIS	.54	27
IN	2.40	120	120.	6-1-71	MIDDLETON WILL DITCH CO.	17.00	850
LE	.90	45	121.	X6-1-71	THOMAS ANDREWS	3.30	175
DITCH CO.	27.60	1380	122.	6-1-71	SETTLERS CANAL CO.	73.41	3672
EBSTER	.90	45	123.	6-1-71	THOMAS AIXEN	.80	40
BELL	.60	30	124.	X5-1-73	RIVERSIDE IRRIG. DIST.	60.00	4000
ER	1.60	80	125.	X6-1-74	R. H. STOCKTON	1.76	88
LIN	1.60	80	126.	7-2-74	FARMERS UNION DITCH CO.	110.00	5500
WINSON	.44	22	127.	5-1-75	CHARLES RETO & JANE KEDCH	1.00	50
	.44	22	128.	7-1-75	MATHEW CASEY	.60	33
JOPLIN	7.80	142	129.	X7-1-76	FARMERS COOP. DITCH CO.	63.50	4175
RAHAY	2.20	110	130.	X10-1-76	RIVERSIDE IRRIG. DIST.	20.00	1000
ON, DITCH	20.00	1000	131.	3-23-77	NEW YORK CANAL CO.	219.10	10955
JOPLIN	.50	45	132.	X5-17-77	CANYON DITCH CO.	10.00	500
IN	15.60	600	133.	X6-1-77	RIVERSIDE IRRIG. DIST.	70.00	3500
ON CO. NO. 2	24.70	1065	134.	X10-25-77	CANYON DITCH CO.	5.54	277
IRIG. DIST.	53.10	2655	135.	4-1-78	PIONEER IRRIG. DIST.	56.34	2817

DECREED

CHART NO. 24

A. V. TALLMAN
IRRIG. ENGR.

DECREED					AMOUNT DECREED	
INCHES	NO.	DATE	NAME	SEC. FT.	INCHES	
1860	91.	X5-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000	
175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4253	
130	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761	
1266	94.	6-1-86	THOMAS DAVIS	13.40	670	
112	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200	
65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390	
393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.06	393	
90	98.	6-1-88	A. V. LINDER	4.00	200	
1695	99.	6-1-88	LEVI SMITH	1.30	65	
35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70	
70	101.	6-1-88	ED. J. LINDER	1.45	73	
220	102.	6-1-88	LIZZIE EVERETT	1.20	60	
165	103.	6-1-88	JESSIE WILSON	1.40	70	
110	104.	X6-1-88	THOMAS ANDREWS	.90	45	
500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500	
115	106.	8-20-88	NAMPA-MERIDIAN IRRIG. DIST.	370.34	18542	
22	107.	5-1-89	CHAS. S. MILLER	.06	3	
260	108.	5-1-89	LOMMIS S. HOSELEY	.02	1	
45	109.	5-1-89	S. J. UTTER & C. E. TAYLOR	2.40	120	
5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300	
10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147	
8500	112.	5-1-89	ANNA H. FOUARTY	.05	2	
210	113.	5-1-89	GRACE CALL	.10	5	
168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1	
440	115.	6-1-89	SONORA JOPLIN	.06	3	
220	116.	6-1-89	SONORA JOPLIN	1.20	60	
1566	117.	5-1-90	PIONEER IRRIG. DISTRICT	200.00	10000	
200	118.	6-1-91	W. H. CONWAY	2.20	110	
88	119.	6-1-91	THOMAS DAVIS	.54	27	
120	120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00	850	
45	121.	X6-1-91	THOMAS ANDREWS	3.50	175	
1380	122.	6-1-91	SETTLERS CANAL CO.	73.41	3672	
15	123.	6-1-91	THOMAS AIKEN	.50	40	
30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00	4000	
80	125.	X6-1-94	R. H. STOCKTON	1.76	88	
170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500	
22	127.	5-1-95	CHARLES REIN & JANE KEOGH	1.00	50	
22	128.	7-1-95	MATHEW CASEY	.60	30	
143	129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50	4175	
110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000	
1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10995	
45	132.	X5-12-00	CANYON DITCH CO.	10.00	500	
600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500	
1095	134.	X10-25-01	CANYON DITCH CO.	5.54	277	
2075	135.	4-1-01	PIONEER IRRIG. DIST.	56.34	2817	

CHANGE IN		PRIORITY		STEWART DECREE	INTERVENORS		BRYAN DECREE	INCHES	TOTAL SEC. FT.
P. OF D.	TRANSFER	NO.	DATE		STEWART 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	6-1-1864	20.34				1017	
		45	6-1-1869						
	111	96	10-1-1887	1.20				60	
	466	106	8-20-1888	8.90				445	
	701	30	5-1-1866	2.00				100	2591.48
	823	30	5-1-1866	6.00				300	2557.48
	976	30	5-1-1866	1.50				75	2598.98
	1007	30	5-1-1866	1.00				50	
	1010	30	5-1-1866	2.00				100	
	1017	30	5-1-1866	.60				30	2602.58
NANPA & MERIDIAN		67	5-1-1878	170.00				8500	
		106	8-20-1888	370.84				18542	
	392	65	6-1-1877	.40				20	
	152	47-A	4-1-1870		.80			40	
	153	127	5-1-1895	1.00				50	
	154	8A	4-1-1865		.80			40	
	466*	106	8-20-1888	8.90*				445*	
	595	1	6-1-1864	.20				10	535.14
BUSH (SOUTH COISE)		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	
		113	5-1-1889	.10				5	
		114	5-1-1889	.03				2	
		8-6	4-1-1865		1.80			90	
		20-6	4-1-1865		.50			25	
		51-4	1870		1.00			50	
		116-A	4-1-1819		.84			42	
			4-1-1825			5.40		270	21.14
MEEVER		53	6-1-1871	1.60				90	1.80
ROBIN MILL		16	6-1-1865	9.20				460	
		18	6-1-1865	.80				40	10.00
NANVILLE-LEONARD		32	6-1-1866	3.50				175	3.50
DAVIS		94	6-1-1886	13.40				670	13.40
LITTLE DAVIS		119	6-1-1891	.54				27	.54

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-A

NAME OF CANAL	CHANGE IN P. OF C.	TRANSFER	PRIORITY		STEWART DECREE	INTERVENORS		BRYAN DECREE	INCHES	TOTAL SEC. FT.
			NO.	DATE		STEWART DECREE	BRYAN DECREE			
SETTLERS			92	10-17-1884	99.06					
			122	6-1-1891	73.44				49.53	
		347	3	6-1-1864	.14				3672	
		349	3	6-1-1864	.14				7	
		350	3	6-1-1864	.14				7	
		357	65	6-1-1877	.20				7	
		412	81	6-1-1882	.40				10	
	76		85-B	4-1-1883			1.00		20	
	83		85-A	6-1-1882			.72		50	
		430	65	6-1-1877	.25				36	
		595	1	6-1-1864	.20				12.5	
		654	30	5-1-1866	.50				10	
		654	30	5-1-1866	1.00				25	
		654	30	5-1-1866	.50				50	
		694	30	5-1-1866	.16				25	
		694	30	5-1-1866	.12				8	
		694	30	5-1-1866	.14				6	
		694	30	5-1-1866	.26				7	
		702	30	5-1-1866	.60				13	
		712	30	5-1-1866	.20				30	
		712	30	5-1-1866	.20				10	
		712	30	5-1-1866	.30				10	
		720	30	5-1-1866	1.34				25	
		736	37	6-1-1868	1.00				67	
		737	30	5-1-1866	1.10				50	
		739	30	5-1-1866	.15				55	
		753	30	5-1-1866	.46				7.5	
		829	30	5-1-1866	.48				23	183.92
		871	36	6-1-1868	.288				24	184.40
		872	36	6-1-1868	.22				14.4	
		873	30	5-1-1866	.20				11	184.908
		890	30	5-1-1866	.10				10	185.108
		906	30	5-1-1866	.10				5	185.208
		917	30	5-1-1866	.20				5	
		918	30	5-1-1866	.025				10	
		940	30	5-1-1866	.05				1.25	185.533
		977	30	5-1-1866	.20				2.5	185.583
		979	30	5-1-1866	.10				10	
		980	30	5-1-1866	.12				5	
		989	30	5-1-1866	.20				6	
		990	30	5-1-1866	.08				10	
		991	30	5-1-1866	.16				4	
									8	186.393
THURMAN MILL			7	6-1-1864	3.30				165	
			10	6-1-1865	1.20				60	
			11	6-1-1865	.66				33	
			36	6-1-1868	14.10				705	
			37	6-1-1868	3.70				185	
			42	6-1-1869	1.60				80	
			55	6-1-1872	.70				35	
			56	6-1-1872	1.40				70	
			62	6-1-1876	.44				22	
			75	6-1-1880	2.40				120	
			76	10-20-1880	.90				45	
			78	6-1-1882	.90				45	
			79	6-1-1882	.60				30	
			81	6-1-1882	2.60				130	
			84	6-1-1882	1.50				75	
			87	6-1-1883	.90				45	
			128	7-1-1895	.66				33	
		412*	81	6-1-1882	.40*				20*	37.16
		736*	37	6-1-1868	1.00*				50*	36.16
		871*	36	6-1-1868	.288*				14.4*	
		872*	36	6-1-1868	.22*				11*	35.652

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-B

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DECREE	AMOUNT DECREE		
			NO	DATE		INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL SEC. FT.
PENITENTIARY	46		50	5-1-1866	2.24			
GRUZEN (CONSUMERS)								
			30	5-1-1866	50.00			112 2.24
		654*	30	5-1-1866	.50*			2500
		654*	30	5-1-1866	1.00*			25*
		654*	30	5-1-1866	.50*			50*
		694*	30	5-1-1866	.12*			25*
		694*	30	5-1-1866	.16*			6*
		694*	30	5-1-1866	.14*			8*
		701*	30	5-1-1866	.26*			7*
		702*	30	5-1-1866	2.00*			13*
		712*	30	5-1-1866	.60*			100*
		712*	30	5-1-1866	.20*			30*
		712*	30	5-1-1866	.20*			10*
		712*	30	5-1-1866	.50*			10*
		720*	30	5-1-1866	.54*			25*
		737*	30	5-1-1866	1.24*			27*
		739*	30	5-1-1866	1.10*			67*
		753*	30	5-1-1866	.15*			55*
		754*	30	5-1-1866	.46*			7.5*
		823*	30	5-1-1866	.40*			23*
		829*	30	5-1-1866	6.00*			20*
		873*	30	5-1-1866	.48*			300*
		890*	30	5-1-1866	.20*			24*
		906*	30	5-1-1866	.10*			10*
		917*	30	5-1-1866	.10*			5*
		918*	30	5-1-1866	.20*			5*
		940*	30	5-1-1866	.025*			10*
		976*	30	5-1-1866	.05*			1.25*
		977*	30	5-1-1866	1.50*			2.5*
		979*	30	5-1-1866	.20*			75*
		980*	30	5-1-1866	.10*			10*
		989*	30	5-1-1866	.12*			5*
		990*	30	5-1-1866	.20*			6*
		991*	30	5-1-1866	.08*			10*
		1007*	30	5-1-1866	.16*			4*
		1010*	30	5-1-1866	1.00*			8*
		1011*	30	5-1-1866	2.00*			50*
		1017*	30	5-1-1866	3.00*			100*
					.60*			150*
								30* 23.715

STEWART AND BRYAN DECREEES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-6-1

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DECREE	AMOUNT DECREEED			TOTAL SEC. FT.
			NO	DATE		STEWART DECREE	BRYAN DECREE	INCHES	
BOISE CITY			33	6-1-1866	38.06				
		370	33	6-1-1866	1.124*			1903	
		373	33	6-1-1866	.374*			56.2*	
								18.7*	36.562
FARMERS UNION			126	7-2-1894	110.00				
		136	2	6-1-1864	20.00			5500	
		370	33	6-1-1866	1.124			1000	
		373	33	6-1-1866	.374			56.2	
		374	65	6-1-1877	.40			18.7	
		375	65	6-1-1877	.20			20	
		384	65	6-1-1877	.40			10	
		385	65	6-1-1877	.266			20	
		386	65	6-1-1877	.40			13.3	
		387	65	6-1-1877	.40			20	
		391	3)	6-1-1864				20	
		391	54)	6-1-1871	.15			7.5	
		393	3	6-1-1864)					
		393	54	6-1-1871)	.288			14.4	
		393	120	6-1-1891)					
		395	65	6-1-1877	.50			25	
		430*	65	6-1-1877	.25*			12.5*	
	84		65	6-1-1877	.80			40	
		512	1	6-1-1864	1.00			50	
		513	1	6-1-1864	.50			25	
		530	1	6-1-1864	.30			15	
				7-2-1894					
						54.46		2723	191.312

*SUBTRACT

STEWART AND BRYAN DEGREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-0

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREE				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
ROUSE VALLEY LICENSED RIGHT #15242		243	15	6-1-1865	54.58			2729	54.58
				7-19-1921				60	75.78
NEW UNION			14	6-1-1865	13.76			688	13.76
NEW DRY CREEK			72	6-1-1872	31.32			1566	
			93	6-1-1886	15.22			761	
			97	6-1-1888	7.86			393	
			125-A	4-1-1897		.54		27	
			73-A	4-1-1890		.54		27	
			75-A	6-1-1890		.816		40.8	
			85-C	5-1-1893		.203		10.15	
			85-C	5-1-1893		.35		17.5	
			124-A	5-1-1893		.625		41.25	
		300	3	6-1-1864					
		300	54	6-1-1871	.35			17.5	
		300	120	6-1-1891					
		301	3	6-1-1864					
		301	54	6-1-1871	1.54			77	
		301	120	6-1-1891					
	64		102	6-1-1898	.20			10	
	140		85-C	5-1-1893		.06		3	
	151*		124-A	5-1-1893		.135*		6.75*	
	161		103	6-1-1898	.65			32.5	
	174		103	6-1-1898	.24			12	
		713	30	5-1-1866	.51			27	61.119
	1009		73A	4-1-1880	.10*			5*	61.019
BALLANTINE			98	6-1-1888	4.00			200	
			99	6-1-1888	1.30			65	
			100	6-1-1888	1.40			70	
			101	6-1-1888	1.46			73	
			102	6-1-1888	1.20			60	
			103	6-1-1888	1.40			70	
			123	6-1-1891	.90			40	
			60-A	4-1-1878		.80		40	
			60-C	4-1-1878		1.40		70	
			60-D	4-1-1878		.80		40	
			85-C	5-1-1883		.7506		37.53	
			136	5-1-1906		.356		17.6	
	57		65	6-1-1877	.60			30	
	64*		102	6-1-1888	.20*			10*	
	140*		85-C	5-1-1893		.06*		3*	
	151		124-A	5-1-1893		.135		6.75	
	161*		103	6-1-1898	.65*			32.5*	
	174*		103	6-1-1898	.24*			12*	15.25

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-0

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		INTERVENORS			AMOUNT DECREED	
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	TOTAL SEC. FT.
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
MIDDLETON MILL			3	6-1-1864	12.80			640	
			40	6-1-1868	1.40			70	
			54	6-1-1871	33.70			1685	
			120	6-1-1891	17.00			850	
	54		35	6-1-1867	1.11			55.5	
	75*				.50*			25*	
	147*		35	6-1-1867	.20*			10*	
		300*	3	6-1-1864					
		300*	54	6-1-1871	.35*			17.5*	
		300*	120	6-1-1891					
		301*	3	6-1-1864					
		301*	54	6-1-1871	1.54*			77*	
		301*	120	6-1-1891					
		347*	3	6-1-1864	.14*			7*	
		349*	3	6-1-1864	.14*			7*	
		350*	3	6-1-1864	.14			7*	
		391*	3	6-1-1864					
		391*	54	6-1-1871	.15*			7.5*	
		393*	3	6-1-1864					
		393*	54	6-1-1871	.288*			14.4*	
		393*	120	6-1-1891					62.562
		754	30	6-1-1866	.40			20	62.962
			123-A	5-15-1893		1.60		80	64.522
PIONEER			49	6-1-1870	25.72			1286	25.72
LAWRENCE & KENNEDY			31-C	6-1-1866		1.10		55	1.10

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-E

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DECREE	INTERVENORS		TOTAL SEC. FT.
			NO.	DATE		STEWART DECREE	BRYAN DECREE	
CANYON COUNTY								
			35	6-1-1867	75.80			
			35-A	6-1-1867		1.76		
	29							3790
	36*				1.00			86
	54*		35	6-1-1867	.38*			50
	59		35	6-1-1867	1.11*			19*
	75		31	6-1-1866	2.60			55.5*
	147				.50			130
			35	6-1-1867	.20			25
								10
								80.37
LEMP LITCH								
			29-A	1865		6.00		
								300
								6.00
CONWAY & HAMMING								
			48	6-1-1870	2.60			
			64	6-1-1877	.90			130
			118	6-1-1891	2.20			45
								110
								5.70
THOS. AIKEN								
			63	6-1-1877	5.20			
								260
								5.20
CATLIN & MACE								
			5	6-1-1864	2.86			
			52	6-1-1871	7.86			143
	179*		5)	6-1-1864				393
			52)	6-1-1871	.24*			12*
			138	6-1-1912		.40		20
								10.88
MACE & MACE								
			137	5-1-1800		1.60		
								80
								1.60
HAUT & DAVIS								
			6	6-1-1864	3.30			
			57	6-1-1872	4.40			165
			58	6-1-1872	3.30			220
	38*)							165
	39*)				1.04*			52*
								9.96
GRAHAM & GILBERT								
			12	6-1-1865	4.40			
								220
								4.40
WARM SPRINGS SLOUGH								
			61	6-1-1876	2.30			
			80	6-1-1882	1.60			115
			82	6-1-1882	.44			80
			83	6-1-1882	.44			22
			84	6-1-1882	1.36			22
			85	6-1-1882	2.20			68
			85-A	6-1-1882		1.60		110
	63*		85-A	6-1-1882		.72*		60
								36*
								9.22
JOPLIN								
			81	6-1-1882	.80			
			115	6-1-1889	.06			40
			116	6-1-1889	1.20			3
								60
								2.06
SEVEN SUCKERS								
	30				1.04			
	39							52
	179		5)	6-1-1864	.24			
			52)	6-1-1871				12
								1.28

* SUBTRACT

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

CHART NO. 25-1

NAME OF CANAL	CHANGE IN P. OF L.	PRIORITY		STEWART DECREE	INTERVENORS		INCHES	TOTAL SEC. FT.
		TRANSFER	NO.	DATE	STEWART DECREE	BRYAN DECREE		
PHYLLIS			90	6-1-1884	53.10			
			117	6-1-1890	200.00		2675	
			135	4-1-1904	56.34		10000	
				4-1-1905			2817	
				4-1-1908		306.56	15328	
						54.50	2725	670.50
EUREKA NO. 1			13	6-1-1865	33.32		1666	33.32
CALDWELL HIGH LINE			34	6-1-1866	15.40		770	
			46	6-1-1867	37.20		1860	
	29*		77	10-25-1860	27.60		1380	
					1.00*		50*	79.20
FARMERS CO-OP DITCH			60	6-1-1875	10.00		500	
			106	6-1-1883	20.00		1000	
			105	7-1-1888	50.00		2500	
			129	7-1-1896	83.50		4125	
				4-1-1905			7722	
		717	9	6-1-1865	.64	154.45	32	318.50
CANYON DITCH CO.			132	5-17-1900	10.00		500	
			134	10-25-1901	5.54*		277	
		38	96	10-1-1867	12.10		605	
		105	9	6-1-1865	.50		25	28.14
SIEGENBERG			9	6-1-1865	13.42		671	
		105*	9	6-1-1865	.50*		25*	
		717*	9	6-1-1865	.64*		32*	12.25
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	10.00		5000	
			77-A	4-15-1882		34674	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*	
	35	660*	88	6-1-1883	.60*		30*	
	175*				2.00		100	
			88	6-1-1883	1.70*		85*	290.374

* SUBTRACT

STEWART AND BRYAN DEGREES GROUPED UNDER CANAL HEADINGS

CHART NO. 27-4

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DEGREE				TOTAL SEC. FT.
			NO.	DATE	STEWART DEGREE	INTERVENORS STEWART DEGREE	BRYAN DEGREE	(CHECK) DEGREE	
POWER LINE			8	6-1-1864	20.00			1000	
			45	6-1-1869	35.44			1777	
		36	96	10-1-1867	2.00			100	
		46	96	10-1-1867	4.20			210	
		62*	96	10-1-1867	1.00*			50*	
		111*	8)	6-1-1864					
			45)	6-1-1869	20.34*			1017*	
		600	98	6-1-1863	1.00			50	
		644	88	6-1-1863	.70			35	
		660	88	6-1-1863	.60			30	
	35*				2.00*			100*	
	146*		96	10-1-1867	1.50*			75*	90.10
DUNEA NO. 2			89	11-9-1863	21.70			1005	
		47	96	10-1-1867	29.50			1475	
		62	96	10-1-1867	1.00			50	
		71	24	6-1-1865	.80			40	
	85			6-1-1865	.50			25	
		111*	96	10-1-1867	1.20*			60*	
	131*		89	11-9-1863	.70*			35*	
	159			6-1-1865	.10			5	
	175		86	6-1-1863	1.70			85	63.40
	224*		89	11-9-1863	.90*			45*	57.90
	245*		89	11-9-1863	.60*			30*	50.35
UPPER CENTER POINT			23	6-1-1865	3.20			160	
			24	6-1-1865	2.40			120	
			25	6-1-1865	3.91			197	
			26	6-1-1865	1.60			80	
			27	6-1-1865	1.58			79	
		71*	24	6-1-1865	.80*			40*	
	85*			6-1-1865	.50*			25*	
	146		96	10-1-1867	1.50			75	
	156*			6-1-1865	.10*			5*	12.72
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	6-1-1865	3.20			160	
			43	6-1-1869	3.60			180	
			73	6-1-1879	4.00			200	
	50*		19	6-1-1865	2.88*			144*	
	51*		20	6-1-1865	6.40*			320*	
	131		89	11-9-1863	.70			35	17.60
	245		89	11-9-1863	.60			30	16.20
DOWNS 3. SKISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.60*			40*	8.40
	224		89	11-9-1863	.90			45	9.30
DOWNS			41	6-1-1869	1.80			90	
			68	6-1-1878	4.20			210	
			69	6-1-1878	3.36			168	
			70	6-1-1878	8.80			440	
	176*		70	6-1-1878	5.80*			440*	9.36

STEWART AND BRYAN DECREE'S GROUPED UNDER CANAL HEADINGS

CHART NO. 25-H

NAME OF CANAL	CHANGE IN F. OF C.	TRANSFER	PRIORITY		STEWART DECREE	INTERVENORS			TOTAL SEC. FT.
			NO.	DATE		STEWART DECREE	BRYAN DECREE	INCHES	
HAAS 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		3.00		150	
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	20.00
LARSEN-BAXTER-LEMP			75-A	1880		3.20		160	
			20	6-1-1865	.80			40	4.00
DOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
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
PARSON DITCH			71	6-1-1878	4.40			220	
			74	6-1-1880	1.76			88	
			125	6-1-1894	1.76			88	
			77-A	6-1-1881		1.60		80	
			77-B	6-1-1881		.34		17	
			77-C	6-1-1881		.80		40	
			77-D	6-1-1881		1.30		65	
	257		114-B	5-1-1889		.80		40	11.96
									12.76
O'DONNELL DITCH			114-B	5-1-1889		1.60		80	
			114-B	5-1-1889		.80		40	2.40
	227 *		114-A	5-1-1889		1.60*		80*	.80
	257 *		114-B	5-1-1889		.30*		40*	.00
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		80	1.60
ROSEL, EARL F. & OTTO W. SURPRISE VALLEY FARMS R. B. BETTY			59-A	5-1-1875		3.20		160	3.20
		1011	30	5-1-1866	3.00			150	3.00
		1009	30	5-1-1866	.10			5	.10

*SUBTRACT

TABLE SHOWING DEGREE RIGHTS (STEAMER DEGREE) & FLOW IN FEET
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 26

NAME	RIVER SECTION	100% OF DEGREE	75% OF DEGREE	60% OF DEGREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1 THOMAS DAVIS	1						
2 JACOBS CANAL CO.	1	2.20	1.65	1.32			
3 MIDDLETON MILL DITCH CO.	1	20.00	20.00	20.00		1073.71	1396.35
4 THOMAS ANDREWS	3	12.80	9.60	7.68			
5 CATLIN & MACE	1	3.30	2.40	1.98		1075.63	1399.55
6 T. C. CATLIN	1	2.06	2.15	1.72			
7 C. C. HAVIRD	1	3.30	2.48	1.98		1076.06	1392.27
8 PIONEER DIXIE DITCH CO.	2	3.30	2.48	1.98		1076.56	1391.09
8A ADALPH BAHLER	1	20.00	15.00	12.00		1077.06	1391.91
8B FIRST NAT'L BANK OF PUEBLO	1	.80	.60	.48			
9 SIESENBERG	1	1.00	1.35	1.08		1077.18	1397.11
10 ALLEY V. WEBSTER	2	13.42	10.07	8.05		1077.45	1397.56
11 J. F. YARYAN	1	1.20	.90	.72			1400.91
12 GRAHAM & GILBERT	1	.66	.50	.40		1377.63	1401.21
13 ELREKA WATER CO.	1	4.40	3.30	2.64		1077.73	1401.37
14 NEW UNION DITCH CO.	1	33.32	24.99	19.99		1378.39	1402.47
15 BOISE VALLEY IRR. CO.	1	13.75	10.32	8.26		1083.39	1410.90
16 RIDENBAUGH & ROSSI	1	54.58	40.94	32.75		1085.45	1414.24
17 RIDENBAUGH & ROSSI (POWER)	1	9.20	6.90	5.52		1083.64	1427.96
18 DENVER & IDAHO LAND CO.	1					1085.02	1430.13
19 MARTHA BOWMAN	2	.80	.60	.48			
20 BIRD BOWMAN	2	2.86	2.15	1.73		1075.14	1430.38
21 G. W. GESS	2	6.40	4.80	3.84			1431.10
22 ROBERT MCQUIRE	2	2.90	2.18	1.74			1432.70
23 C. W. COOPER	2	3.20	2.40	1.92			1433.42
24 J. W. ROWLAND	2	3.20	2.40	1.92			1434.22
25 DRAPER & WELLS	2	2.40	1.80	1.44			1435.02
26 THOMAS J. PALMER	2	3.94	2.96	2.36			1435.62
27 NOAH W. PALMER	2	1.60	1.20	.96			1436.60
28 J. N. TUCKER	3	1.58	1.19	.95			1437.00
29 THOMAS ANDREWS	3	7.00	5.25	4.20			1437.39
29A LOUISE SIMONSON	1	6.00	4.50	3.60			
29B S. S. HARTIES & AMELIA LISLEY	1	6.00	4.50	3.60		1096.04	1438.89
30 J. PERRAULT & R. JOHNSON*	1	.50	.38	.30		1096.12	1439.04
31 WILLIAM P. KENNEDY	1	50.00	50.00	50.00			
31A W. M. WIDGER	1	2.60	1.95	1.56		1096.51	1439.66
31B WINNIE & JERRY COLEBIS	1	2.30	1.73	1.38		1096.56	1440.23
31C ALBERT C. BOWMAN	1	.50	.38	.30		1096.56	1440.23
32 MANVILLE & LEONARD	1	1.10	.83	.66		1097.12	1440.65
33 BOISE CITY CANAL CO.	1	3.50	2.63	2.10		1097.25	1441.52
34 FRANKLIN DITCH CO.	1	38.06	28.55	22.83		1103.37	1451.33
35 CANYON COUNTY WATER CO.	1	15.40	11.55	9.24		1105.68	1454.88
35A RALPH T. KNIGHT	1	75.80	56.85	45.48		1117.05	1473.83
36 MARTHA E. MCCARTHY	1	1.76	1.32	1.06		1117.31	1474.27
37 H. L. & ORA GOODMAN	1	13.10	10.58	8.46	8.46	1119.43	1477.79
38 T. T. JOHNSON	2	3.70	2.78	2.22	10.68	1119.99	1478.71
39 ROSS, ALLEN, PILLEY & ROSS	3	3.20	2.40	1.92			1479.51
40 S. S. GRAY	1	8.54	6.41	5.12			
41 JOHN MANMON	1	1.40	1.05	.84		1120.20	1479.86
42 ISSAC BETAL	1	1.90	1.35	1.08			
43 FREDERICH ODE-	2	1.60	1.20	.96		1120.44	1480.26
44 PRIOR CURNETT	3	3.60	2.70	2.16			1481.16
45 PIONEER DIXIE DITCH CO.	2	6.50	6.38	5.10			
46 MAGON CREEK DITCH CO.	1	35.44	26.58	21.26		1126.02	1490.02
47 T. W. BOONE	3	37.20	27.90	22.32	34.80	1126.02	1490.32
47A ADALPH BAHLER	1	3.50	2.63	2.10			
48 W. J. HAMMING	1	.80	.60	.48	35.28	1126.48	1490.52
49 PIONEER CANAL	1	2.60	1.95	1.56	36.94	1126.53	1500.47
50 BARBER LUMBER CO.	1	25.72	19.28	15.43	52.27	1130.39	1506.50
	1	2.24	1.68	1.34	53.61	1130.73	1507.16

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

TABLE SHOWING DEGREE RIGHS (START DEGREE) & FLOW IN SECOND FEET

CHART NO. 26-A

NECESSARY AT DIVERSION DAM TO FILL CANE

NAME	RIVER SECTION	100% OF DEGREE	75% OF DEGREE	50% OF DEGREE	FLOW NECESSARY TO FILL TO 100%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 50%
51. THOMAS ANDREWS	3	1.30	.98	.78			
51A S. G. BARTLES & AMELIA ETSLEY	1	1.30	.75	.60	51.21	1130.60	1507.41
52 CATLIN & MACE	1	7.56	5.90	4.72	58.93	1132.06	1509.37
53 PETER MEEVES	1	1.80	1.35	1.08	60.01	1132.33	1509.82
54 MIDDLETON MUEL DITCH CO.	1	38.70	25.28	20.22	80.23	1137.30	1513.24
55 J. F. VARYAN	1	.70	.53	.42	80.95	1137.50	1513.41
56 J. F. VARYAN	1	1.40	1.05	.84	81.49	1137.71	1513.76
57 MARY C. DAVIS	1	4.40	3.30	2.64	84.13	1138.37	1519.86
58 EDWARD W. HART	1	3.30	2.48	1.98	86.11	1138.87	1520.68
59 T. W. BOONE	3	2.20	1.65	1.32			
60 FARMER'S COOP. DITCH CO.	2	10.00	7.50	6.00			1523.18
61 EDWARD & MARY CLARK	1	2.30	1.73	1.38	87.49	1139.22	1523.75
62 JOHN DECH	1	.84	.63	.50	87.75	1139.29	1523.86
63 THOMAS ALKEN	1	5.20	3.90	3.12	90.97	1140.07	1525.16
64 W. H. CONWAY	1	.90	.68	.54	91.41	1140.21	1525.38
65 MIDDLETON WATER CO.	1	114.08	85.56	68.45	159.86	1157.32	1553.90
66 PERRAULT & JOHNSON (POWER)							
66A J. S. STAUD	1	.90	.68	.54	160.34	1157.44	1554.10
66B J. S. STAUDER	1	1.40	1.05	.84	161.18	1157.65	1554.45
66C W. T. GRIFFITH	1	.90	.68	.54	161.56	1157.77	1554.65
67 NAWPA, MONTANA IRRIG. DIST.	1	170.00	127.50	102.00	263.66	1183.27	1597.15
68 JOHN MANNEN	3	4.20	3.15	2.52			
69 JULIA MANNEN	3	1.36	1.02	.81			
70 CHARLES ALLEN	3	8.90	6.68	5.28			
71 R. H. STOCKTON	3	4.40	3.30	2.64			
71A ISLAND RIFLE DITCH CO.	3	3.00	2.25	1.80			
72 NEW TRY CREEK DITCH CO.	1	31.32	23.49	18.79	282.45	1187.77	1604.98
73 L. MUMFORD	2	4.00	3.00	2.40			1605.93
73A LARLE & SINGER	1	.54	.41	.32	282.77	1188.06	1606.11
74 SMITH STOCKTON	3	1.76	1.32	1.06			
75 ISHAM JOPLIN	1	2.40	1.80	1.44	284.21	1188.42	1606.71
75A C. B. FRANK	1	.816	.61	.49	284.70	1188.54	1606.92
75A ALBERT LEW ET AL	3	3.20	2.40	1.92			
76 JOSEPH JOBLU	1	.90	.68	.54	285.31	1188.68	1607.14
77 FRANKLIN DITCH CO.	1	27.60	20.70	16.56	301.80	1192.82	1614.04
77A LUS A. BARTH	3	1.60	1.20	.96			
77B CHARLES JARVIS	3	.34	.26	.20			
77C JAMES FINLAY	3	.80	.60	.48			
77D ELLIS J. SHIPPY	3	1.30	.98	.78			1614.95
77E ROC HELMS	2	3.671	2.76	2.20			
78 ALLEN V. WEBSTER	1	.90	.68	.54	302.74	1192.96	1615.17
79 OSIE CAMPBELL	1	.60	.45	.36	303.70	1193.05	1615.32
80 J. T. BARRETT	1	1.60	1.20	.96	303.66	1193.29	1615.72
81 SONORA JOHNSON	1	3.40	2.55	2.04	305.70	1193.60	1615.57
82 S. W. HUTCHINSON	1	.44	.33	.26	305.96	1193.67	1616.68
83 JOHNSON	1	.44	.33	.26	306.22	1193.94	1616.79
84 ANDERSON J. JOPLIN	1	2.86	2.15	1.72	307.04	1194.37	1617.80
85 JAMES L. GRAHAM	1	2.20	1.65	1.32	309.28	1194.70	1618.35
85A LEO WATERS	1	1.60	1.20	.96	310.22	1194.94	1618.45
85B JAMES BINGHAM	1	1.00	.75	.60	310.62	1195.09	1618.70
85C WM HUCKBA	1	.203	.15	.12	310.94	1195.12	1618.75
85D C. H. SCHMELZER	1	.7506	.56	.45	311.39	1195.23	1618.94
85E C. W. McCLEURG	1	.35	.26	.21	311.60	1195.28	1619.03
86 FARMER'S COOP. DITCH	2	20.00	15.00	12.00			1624.25
87 FRANCIS W. JOPLIN	1	.90	.68	.54	312.14	1195.42	1627.25
88 W. A. BLACK	2	12.00	9.00	7.20			1632.67
89 EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1645.94
90 PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	344.00	1203.39	

TABLE SHOWING DEGREE RIGHTS (STEWART DEGREE) & FLOW IN SECOND FEET

CHART NO. 25-0

NECESSARY AT DIVERSION DAM TO FILL SAME

NAME	RIVER SECTION	100% OF DEGREE	75% OF DEGREE	60% OF DEGREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
81 RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			1650.94
82 BEYBLERS CANAL CO.	1	99.06	74.30	59.44	403.44	1218.25	1675.70
83 NEW TRY CREEK CO.	1	15.22	11.42	9.13	412.57	1220.54	1679.50
84 THOMAS DAVIS	1	13.40	10.05	8.04	420.61	1222.35	1682.85
85 WM. E. L. & E. YOUNG	2	4.00	3.00	2.40			1683.85
86 AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68			1695.80
87 NEW DRY CREEK DITCH	1	7.86	5.90	4.72	425.33	1223.73	1697.76
88 A. V. LINDER	1	4.00	3.00	2.40	427.73	1224.33	1698.76
89 LEVI SMITH	1	1.30	.98	.78	428.51	1224.53	1699.08
90 CHARLOTTE DALHOUS	1	1.40	1.05	.84	429.35	1224.74	1699.43
91 ED J. LINDER	1	1.46	1.10	.88	430.23	1224.96	1699.79
92 LILLIE EVERETT	1	1.20	.90	.72	430.95	1225.14	1700.09
93 JENNIE WILSON	1	1.40	1.05	.84	431.79	1225.35	1700.44
94 THOMAS ANDREWS	3	.90	.68	.54			
95 FARMERS COOP. DITCH	2	50.00	37.50	30.00			1712.94
96 NARPA NERI IRR. DIST.	1	361.94	271.46	217.16	648.95	1279.65	1803.42
97 BOARD OF CONTROL	1	8.90	6.67	5.34	654.29	1280.98	1805.65
98 CHARLES S. MILLER	1	.06	.05	.04	654.33	1280.99	1805.66
99 LAMMIE L. HOSLEY	1	.02	.015	.01	654.34	1280.99	1805.67
100 S. J. UTER & C. B. TAYLOR	1	2.40	1.80	1.44	655.78	1281.35	1806.27
101 SOUTH BOISE MUTUAL IRR. CO.	1	6.00	4.50	3.60	659.38	1282.25	1807.77
102 ESTATE OF J. H. GALLAGHER	1	2.94	2.21	1.76	661.14	1282.70	1808.50
103 ANNA H. FOLEY	1	.05	.04	.03	661.17	1282.71	1808.51
104 GRACE GILL	1	.10	.08	.06	661.23	1282.73	1808.53
105 DANIEL H. CANFIELD	1	.03	.02	.02	661.25	1282.73	1808.54
106 NEIL & PATRICK O'DONNELL	3	1.80	1.20	.96			
107 OLD A. BARTH	3	.80	.60	.48			
108 BRENDA JOPLIN	1	.06	.05	.04	661.29	1282.74	1808.55
109 BONORA JOPLIN	1	1.20	.90	.72	662.01	1282.92	1808.65
110 S. H. HARDY & AMELIA EISLEY	1	.84	.63	.50	662.51	1283.05	1809.06
111 ANNA SPENCER	2	.72	.54	.43			1809.24
112 WILLIS SPENCER	2	.10	.08	.06			1809.26
113 REBECCA BELL	2	.40	.30	.24			1809.36
114 PIONEER IRR. DIST.	1	200.00	150.00	120.00	782.51	1313.05	1859.36
115 W. H. CONWAY	1	2.20	1.65	1.32	783.83	1313.38	1859.91
116 THOMAS DAVIS	1	.54	.41	.32	784.15	1313.47	1860.04
117 WILKINSON MILL DITCH	1	17.00	12.75	10.20	794.35	1316.02	1864.29
118 THOMAS ANDREWS	3	3.50	2.63	2.10			
119 SETTLERS CANAL CO.	1	73.44	55.08	44.06	838.41	1327.04	1882.65
120 THOMAS Aiken	1	.80	.60	.48	838.89	1327.16	1882.85
121 OTTO & MARIE MILLER	1	1.60	1.20	.96	839.85	1327.40	1883.25
122 RIVERSIDE IRR. DIST.	2	80.00	60.00	48.00			1903.25
123 W. O. CHARTERS	1	.825	.62	.50	840.35	1327.52	1903.46
124 W. H. STOCKTON	3	1.76	1.32	1.06			
125 FARMERS UNION DITCH	1	110.00	82.50	66.00	906.35	1344.02	1930.96
126 CHARLES REIN & JAMES KEDON	1	1.00	.75	.60	906.95	1344.17	1931.21
127 WATHER CULLEY	1	.66	.50	.40	907.35	1344.27	1931.37
128 FARMERS COOP. DITCH	2	83.50	62.63	50.10			1952.24
129 W. E. PLAIN	1	.58	.41	.32	907.67	1344.36	1952.37
130 RIVERSIDE IRR. DIST.	2	20.00	15.00	12.00			1957.37
131 NEW YORK CANAL CO.	1	219.10	164.33	131.46	1039.13	1377.23	2012.14
132 CANYON DITCH CO.	2	10.00	7.50	6.00			2014.64
133 RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2032.14
134 CANYON DITCH CO.	2	5.54	4.16	3.32			2033.52
135 PIONEER IRR. DIST.	1	56.31	42.26	33.80	1072.93	1385.69	2047.60
136 H. E. RIVER	1	.356	.27	.21	1073.14	1385.75	2047.69
137 S. P. REAVELING	1	1.60	1.20	.96	1074.10	1385.99	2048.09
138 ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20	1074.34	1386.05	2048.19
139 WESLEY A. MADE	1	.40	.30	.24			
140 ISLAND HIGHLINE DITCH CO.	3	10.00	7.50	6.00			

(SEE NOTES IN FRONT OF REPORT FOR FURTHER EXPLANATIONS)

TABLE SHOWING DECREE RIGHTS (BRYAN DECREE) & FLOW IN SECOND FEET

CHART NO. 26-C

NECESSARY AT DIVERSION DAM TO FILL SAME

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%
7-2-04	FARMERS UNION	54.46	40.85	32.68	2080.47	3043.43	4295.75
3-23-00	NEW YORK IRRIGATION DIST.) BOISE KUNA IRRIG. DIST.)	58.86	44.15	35.32	2115.79	3852.26	4310.46
12-14-03	UNITED STATES OF AMERICA	1354.58	1015.94	812.75	2928.54	4055.45	4649.10
4-1-05	PIONEER IRRIGATION DIST.	306.56	229.92	183.94	3112.48	4101.43	4725.74
4-1-05	FARMERS COOPERATIVE DITCH CO.	154.45	115.84	92.67	3205.15	4124.60	4764.35
4-1-05	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3208.39	4125.41	4765.70
4-1-08	PIONEER IRRIGATION DIST.	54.50	40.88	32.70	3241.09	4133.59	4779.32
6-1-09	UNITED STATES OF AMERICA	926.50	694.88	555.90	3796.99	4272.57	5010.94
4-1-10	RIVERSIDE IRRIGATION DIST.	63.78	47.84	38.27	3835.26	4282.14	5026.88
4-1-10	McMANUS & TEATER	3.36	2.52	2.02	3837.26	4282.64	5027.72
1-13-11*	UNITED STATES OF AMERICA (ARROWROCK STORAGE)	8000.00					13027.72
4-1-14	RIVERSIDE IRRIGATION DIST.	17.70					13045.42

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

