

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1960**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1960

(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

EDWIN B. KARN

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 mean 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. Shows acreage under all canals in the Boise Valley.
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 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 1960 was the same that it has been for several years past. It includes a Charman and Secretary, a Water-master, one Assistant for a few months during the summer, and a part-time stenographer.

The Advisory Committee, made up of nine members including the Chairman and Secretary of the 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
Estel Putman
M. A. Watkins

Cooperative assistance is rendered by the Board of Control in current meter work, compiling records, maintaining phone to Arrowrock, 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 Lucky Peak, Notus, Middle Fork at Twin Springs, More's Creek and Robie Creek.

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

DECREES

Stewart Decree:

The old water rights from the Boise River are included in the decree in the case of FARMERS COOPERATIVE DITCH COMPANY, a Corporation, vs. RIVERSIDE IRRIGATION DISTRICT, LTD., a Corporation, et al, signed by District Judge George H. Stewart January 18, 1906, commonly referred to as the "Stewart Decree". This case was appealed to the Supreme Court and affirmed as to priorities and acreage, but remanded to the District Court for the sole and only purpose of determining the duty of water. In 1914 testimony was taken before the court as to the duty of water and was transcribed, which consists of approximately 2,630 typewritten pages. The final decree of the court as to the duty of water has never been entered. However, Judge 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 wateruser, to whom 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 1960 was 1,678,512 acre feet and for the irrigation year was 1,725,934 acre feet. Snow surveys indicated a less than normal water supply as of March 1. Irrigation started about the middle of April and demand for water reached a peak in May and continued strong the balance of the season. Practically no water was wasted and there was little damage from erosion along the river. The river flow was over 10,000 c.f.s. from April 7 to 11 and from June 12 to 14 inclusive. The highest flow was 11,842 cubic feet per second on June 13 and the lowest

flow was 351 cubic feet per second on September 30. The gates at Lucky Peak were closed October 14. 40 c.f.s. was passed from November 10 to 22 when the gates were again closed on account of repair at Lucky Peak.

CANAL REGULATIONS

It was necessary to begin canal regulations June 23.

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. The gaging station below Diversion Dam was in operation during the entire 1960 season with very good results and it will be operated during the 1961 season.

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 306 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 1117 second feet. A considerable amount of water from the 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 the entire season, and therefore no regulations were required. In fact, during all the years on record on the distribution of the waters of Boise River, beginning with 1914, there has been only one year - 1931 - during which it was necessary to regulate

diversions from this section of the river, and during that year it was not necessary to run water past the Notus Bridge to supply the rights below.

The final determination of the duty of water, both in the "Stewart Decree" and the "Bryan Decree", is still pending in the District Court at Caldwell, Idaho. The writer's views are pretty well expressed in the following 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 head-gate 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 a paramount importance to the waterusers of Boise Valley. It is regrettable, however, that 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 and protection of this great natural resource, not only for the benefit 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 this 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 156,926 acre feet of water in Anderson Ranch Reservoir, 264,150 in Arrowrock and 65,047 in Lucky Peak. About 880 cfs is being released from Anderson Ranch Reservoir, none from Arrowrock and none from Lucky Peak to Lake Lowell, and no water is 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 - 1960

Watermaster Salary	\$6,000.00
Assistant Watermaster Salary	1,000.00
Car Mileage.	987.36
Miscellaneous	727.77
Telephone	300.11
Office Rent	240.00
Stenographic Services	409.50
Insurance	99.71
Social Security Tax	188.55
Snow Survey	<u>200.00</u>

Sub-total \$10,153.00

Services rendered by Boise Project Board of Control \$ 780.00

TOTAL COSTS TO WATER DISTRICT 12-A FOR 1960 \$10,933.00

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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.

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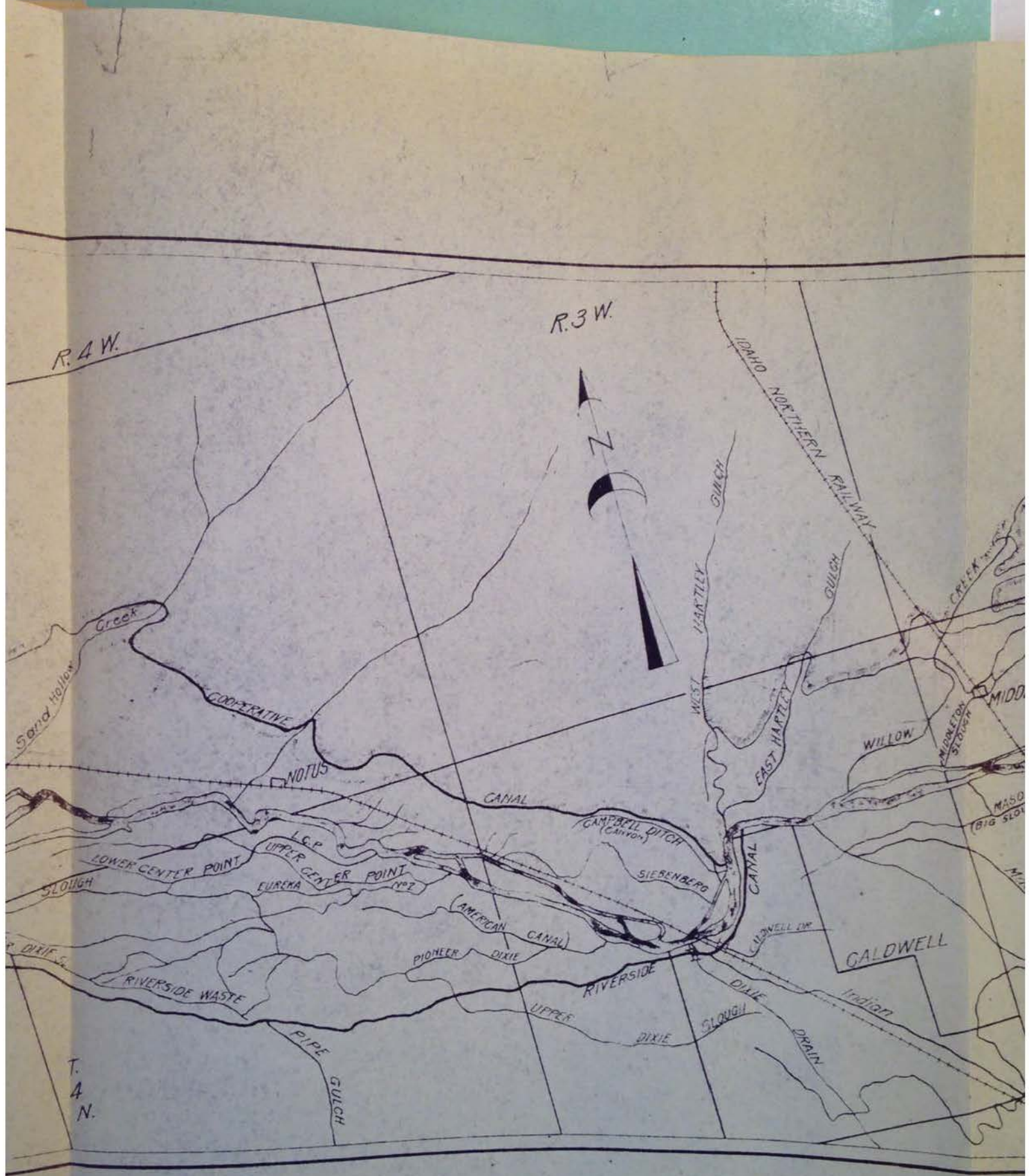
Department of the Interior
United States Reclamation Service
Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER
From Government Diversion Dam to Snake River
(Revised State Engineer's Map of 1904)
Scale: 1 in. = 8000 ft.
F.E. Weymouth George H. Bliss
Supervising Engr. Project Manager
JAN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

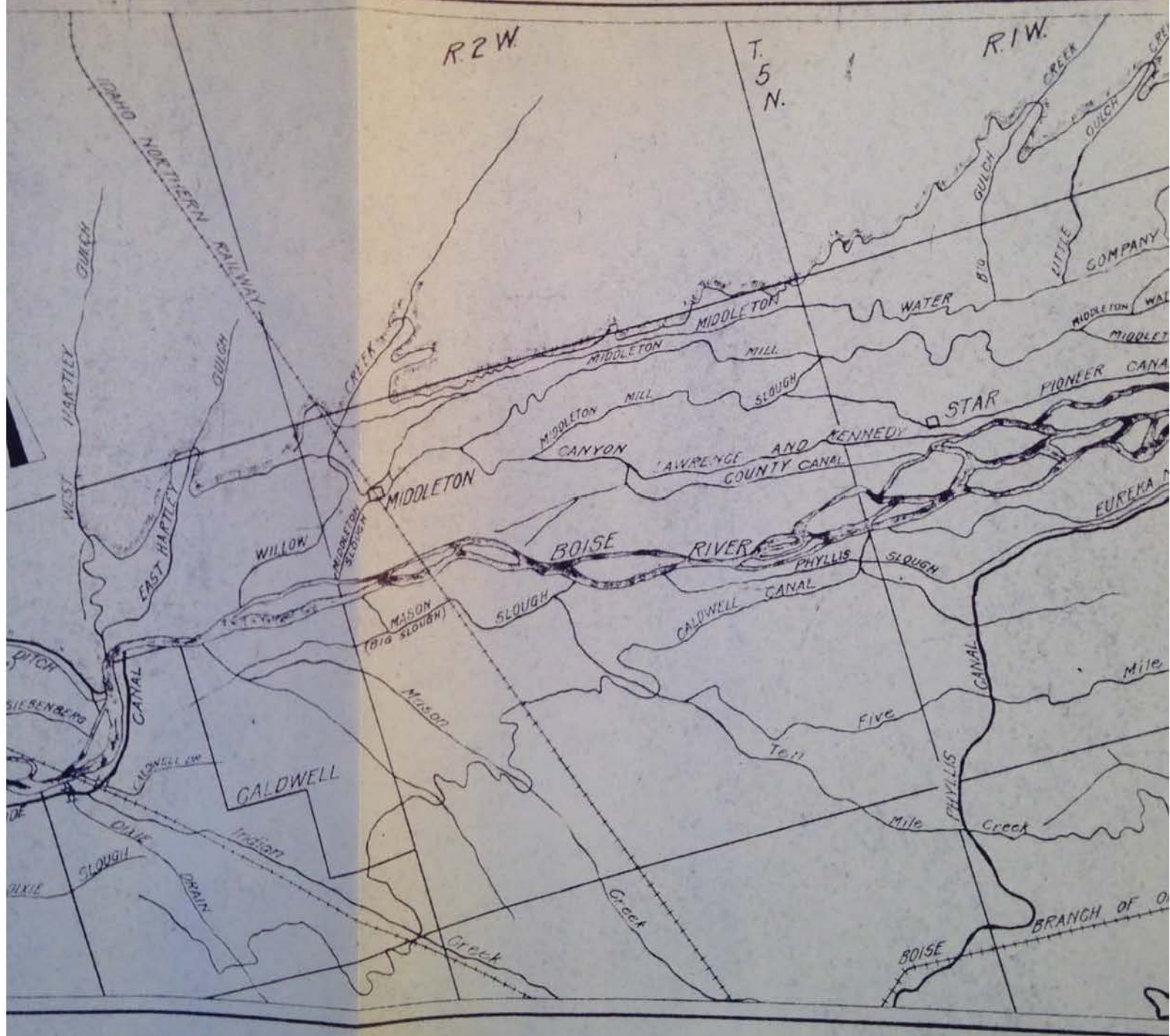


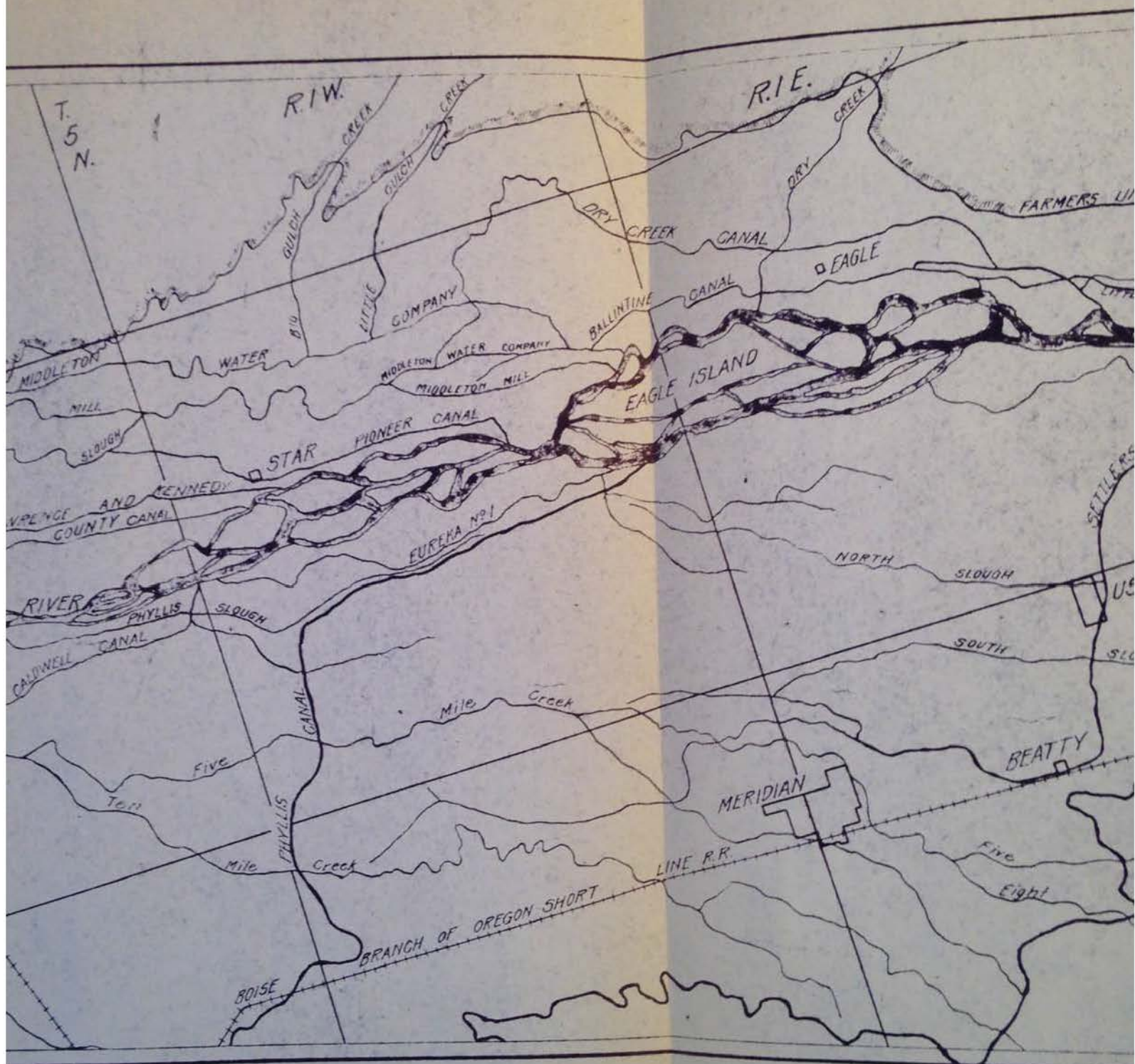
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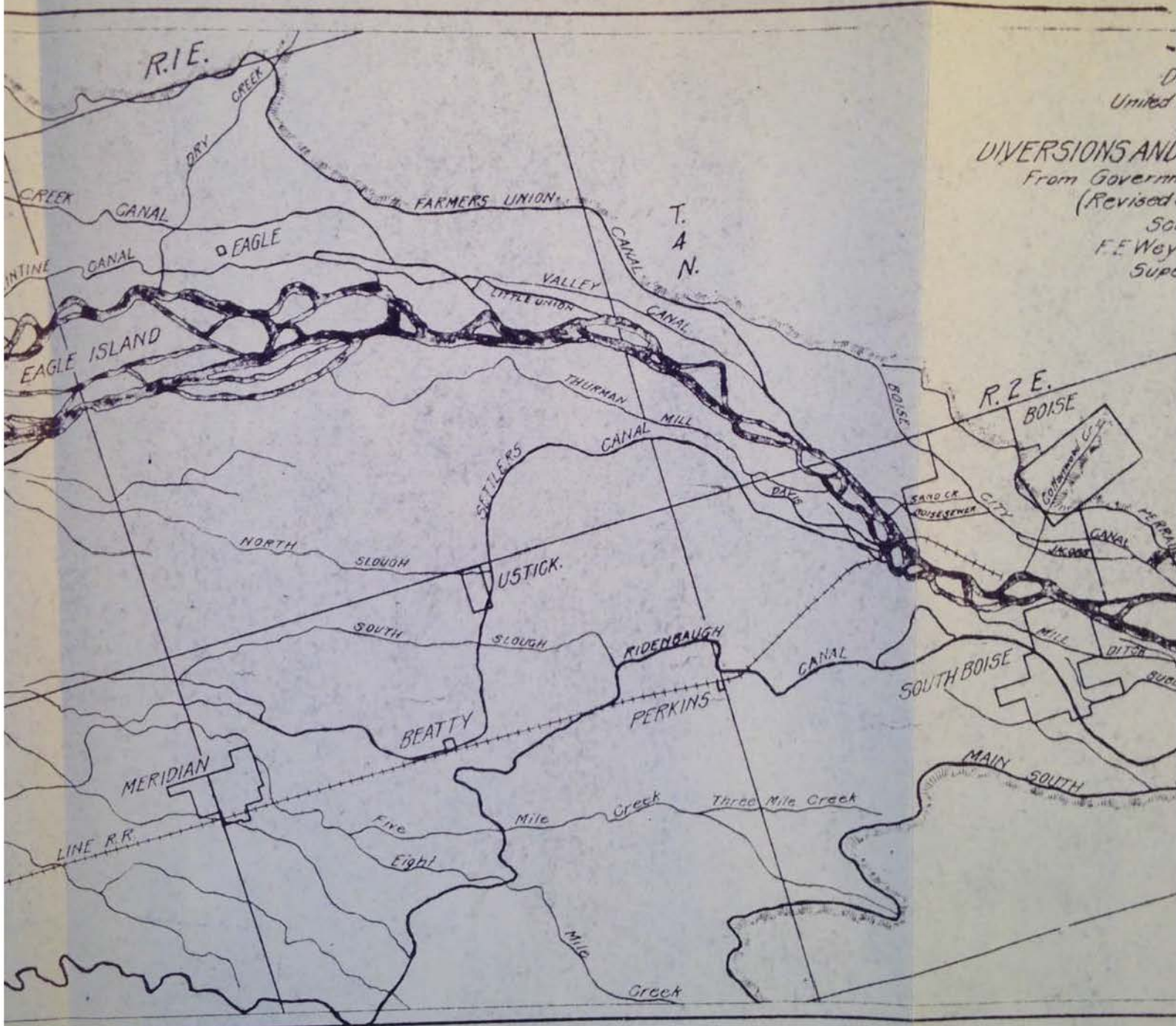


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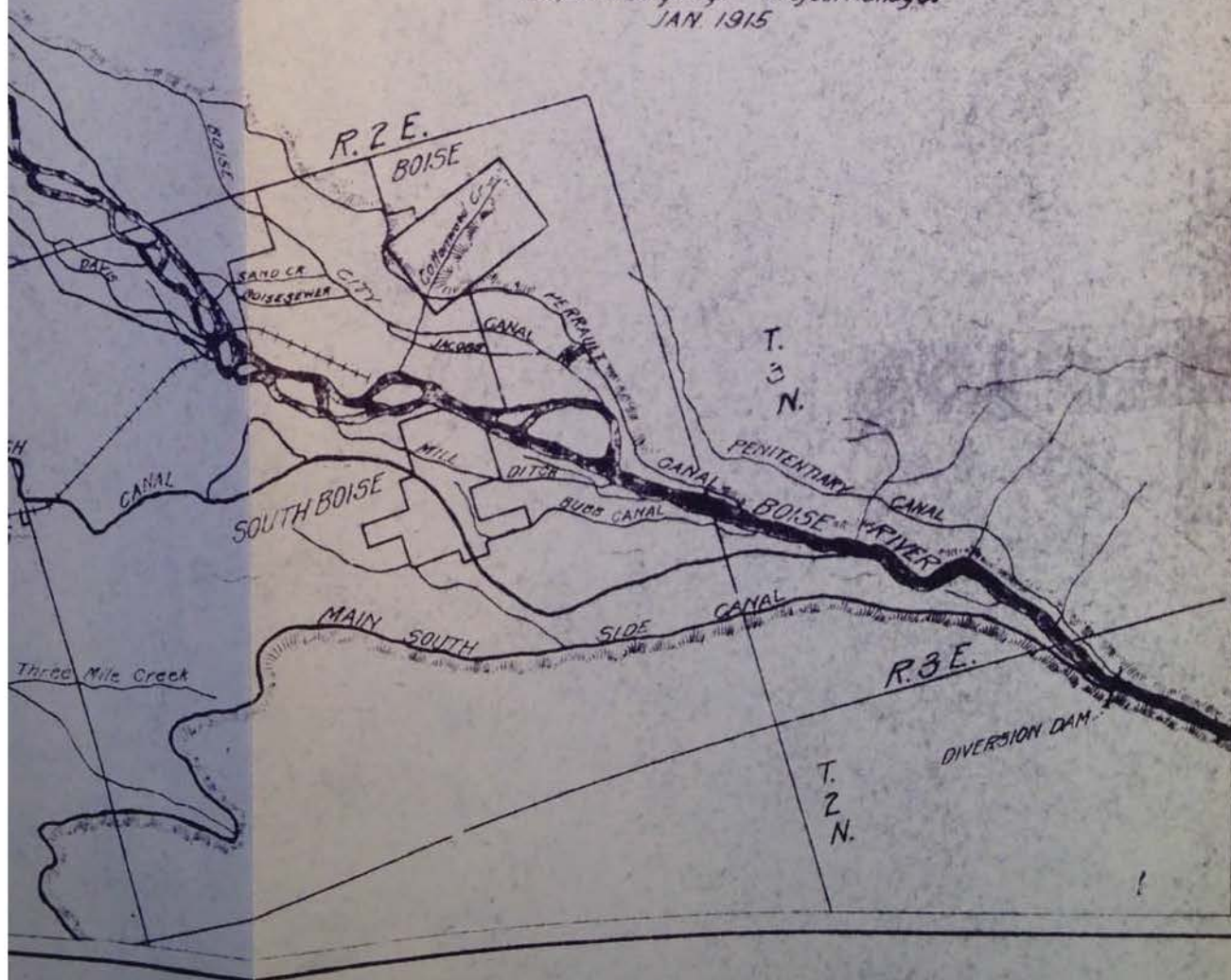




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Department of the Interior
United States Reclamation Service
Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER
From Government Diversion Dam to Snake River
(Revised State Engineer's Map of 1904)
Scale: 1 in. = 8000 ft.
F. E. Weymouth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



NATURAL FLOW OF BOI

BEGINNING 194

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	953	664	662	690	704	967	890	959	778	857	761	699	622	926	1076	929	927	878	8
1942	612	612	612	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	721	1306	8
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1551	1636	1300	1100	13
1944	998	895	979	759	575	685	876	673	670	671	674	676	694	668	962	934	945	1042	8
1945	796	703	662	668	803	810	717	1120	1193	1040	1035	899	902	1300	1461	1305	1169	1052	13
1946	2583	2012	2128	1723	1881	1631	1219	1544	1292	1045	1240	920	878	1057	963	866	1214	1246	11
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052	788	753	786	733	10
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842	940	948	9
1949	866	878	818	730	730	825	800	322	861	868	773	760	777	824	830	850	841	814	7
1950	641	735	654	777	509	645	847	804	903	955	952	707	558	884	624	760	832	706	7
1951	1120	993	1241	1259	997	1017	1000	748	949	1120	1294	1188	1361	1167	1124	1230	1404	1165	10
1952	799	526	852	469	1009	989	898	1152	1046	936	1195	1463	1735	904	1285	1544	1618	581	12
1953	776	694	1345	786	691	810	1165	731	1103	1275	1657	1090	1736	2377	1738	1741	1662	2309	15
1954	809	936	940	954	954	962	997	945	910	893	860	955	911	874	846	824	831	862	8
1955	853	737	700	698	698	724	736	741	744	746	752	754	795	754	758	774	791	805	8
1956	2721	2662	2611	2605	2454	2272	1972	1955	1700	1787	1698	1702	1855	1891	2179	2652	3282	4416	30
1957	943	963	1057	768	720	714	741	747	746	790	817	882	985	1079	969	930	890	621	7
1958	850	590	490	490	530	604	680	732	747	898	992	1220	1153	1120	914	875	852	852	8
1959	968	1005	1073	922	704	698	899	1055	1277	1205	1151	1101	1318	1317	1439	1567	1511	1330	13
1960	724	726	735	758	772	890	942	1048	971	995	966	1059	983	1024	911	790	794	715	64

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	817	843	852	957	831	879	1140	1215	1103	1102	1241	1435	1469	1238	1123	1133	1093	994	104
1942	1158	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	75
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	138
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	10
1945	799	1012	1467	1371	1019	1077	1046	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	135
1946	1093	1162	1051	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	12
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2099	1886	1897	1937	21
1948	878	983	1021	857	896	842	747	912	727	917	665	601	670	902	970	981	917	886	120
1949	759	801	827	862	873	803	985	890	862	832	801	770	734	659	682	594	682	691	71
1950	833	747	675	1415	1134	1341	1272	1181	1267	1258	1091	960	1165	917	1112	1159	1205	1202	125
1951	757	835	945	1361	2237	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2109	2301	231
1952	900	1762	2068	1842	1607	1437	1290	1466	1611	1620	918	1342	1323	1272	921	1187	1743	1714	121
1953	1127	1301	1834	2664	2913	2320	2082	2300	1921	1761	1697	1535	1515	1455	1550	1329	1416	1404	131
1954	1482	1472	1434	1434	1347	1290	1329	1329	1406	1431	1654	2038	2230	2218	2103	1966	2032	17	
1955	614	502	451	422	495	563	734	968	982	898	795	721	718	721	725	754	823	779	7
1956	1201	1210	1211	1358	1774	2202	2563	2693	2863	3147	2403	2120	2017	1798	1685	1358	1311	1380	14
1957	850	924	924	935	942	954	972	981	939	901	938	957	966	967	1040	1047	1095	1079	10
1958	1008	1012	1012	1015	1026	1034	1098	1104	1126	1158	1211	1217	1352	1377	2689	3463	3104	2950	26
1959	1395	1354	1206	1106	1039	1191	1229	1257	1191	1138	1169	1152	1036	967	1072	1078	1137	1313	13
1960	793	887	915	961	955	1001	1277	1802	2714	2270	1409	1453	1246	1147	1005	992	996	965	9

NATURAL FLOW OF BOISE RIVER

CHART NO. 2-L

BEGINNING 1941

JANUARY

1	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
26	1076	929	927	878	884	888	890	886	864	917	1030	1215	1172	942	811	808	911	27,130
46	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1291	31,091
119	1551	1636	1300	1100	1315	2010	2179	3728	4603	4259	3563	3199	2087	2703	2505	2250	2006	76,595
88	962	934	945	1042	827	924	922	722	730	940	827	828	823	733	746	744	752	24,706
100	1461	1305	1169	1052	1034	1035	704	830	739	663	815	806	737	774	772	684	876	26,125
257	963	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1065	39,765
252	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	913	921	986	908	30,181
366	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
324	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
384	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1237	1251	1182	1271	1019	633	31,594
167	1124	1230	1404	1165	1258	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	1118	35,326
904	1285	1544	1618	581	1234	1132	924	966	1375	1249	1257	987	1452	976	1089	1109	1379	34,200
377	1738	1741	1662	2309	1526	3814	2852	2766	1732	1452	1546	1525	1085	1647	1698	1258	1544	50,641
674	846	824	831	862	885	897	967	942	919	1023	1023	1127	1219	1272	1327	1422	1462	30,768
754	758	774	791	805	818	815	851	846	821	826	804	752	745	740	721	738	744	23,741
891	2179	2652	3282	4416	3354	3066	2933	2838	2771	2743	2568	2399	2215	2149	1632	1435	1220	73,757
979	969	930	880	671	792	837	856	882	949	945	916	847	749	737	743	744	774	26,324
120	914	875	852	852	832	848	808	825	839	848	864	932	1095	1123	1110	1120	1008	26,841
317	1439	1567	1511	1330	1353	1231	1140	1073	1046	1121	1280	1489	1507	1756	1582	1586	1529	38,233
1024	911	790	794	715	660	674	652	690	771	806	801	821	883	862	791	795	823	25,832

FEBRUARY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1238	1123	1153	1093	994	1041	1151	1069	1093	1269	1529	1776	1535	1264	1342				32,684
861	997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
1445	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,262
785	906	1053	867	858	779	842	847	622	916	794	919	796	797	954	780			26,305
3131	2857	2054	1874	1500	1356	1329	1302	1115	1086	1077	1051	936	969	1056				40,062
961	1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,902
2423	2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1872	1832	1961	1578				43,639
502	970	981	917	886	1227	1411	1132	1326	1819	1458	1222	1309	1509	1340	1203			30,240
659	682	604	682	691	753	792	841	846	846	871	901	916	927	945				22,837
917	1112	1199	1205	1202	1207	1209	1223	1221	1410	1412	1935	2020	1956	1975				35,705
3254	3175	2295	2409	2301	2334	2198	1927	2059	1828	1815	1678	2214	1526	2020				63,068
1272	921	1167	1743	1714	1215	1310	1183	1269	1206	1264	942	1120	949	1511	721			38,754
1455	1550	1329	1416	1404	1398	1550	1008	1069	1316	1356	1257	811	1271	1116				44,280
2230	2218	2103	1966	2002	1715	1663	1529	1410	1514	1627	1714	1886	1904	2120				46,637
721	725	754	823	779	795	764	721	730	730	738	760	760	763	767				20,223
1798	1886	1358	1311	1380	1402	1448	1520	1615	1650	1590	1703	1588	1590	1842	1772			52,255
967	1049	1047	1055	1079	1039	1073	1183	1198	1403	2437	3446	4399	6586	6265				46,440
1537	2689	3463	3104	2900	2949	2982	3045	2915	2809	3325	3682	4557	3324	2774				60,918
967	1072	1078	1137	1313	1389	1471	1401	1337	1291	1355	1421	1482	1581	1093				34,851
1147	1005	992	996	965	901	840	805	958	784	735	886	982	1040	861	865			32,445

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	1578	1898	1241	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	194
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1358	1403	1593	1652	1860	1479	1688	1527	1465	14
1943	3088	2982	2849	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	264
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	881	1196	1442	141
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1741	1707	1520	1403	1519	134
1946	1733	1580	1379	1595	1565	1948	1997	2033	2070	2342	2900	3811	4148	4131	3566	3217	2843	2526	248
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2346	3095	3940	438
1948	1387	1173	1121	1096	966	976	973	994	997	978	994	1005	1015	1087	1060	1126	1145	1137	112
1949	1113	1343	1506	1746	1623	1874	1915	1913	1943	1941	2047	1964	1977	2164	2195	2425	2731	2890	298
1950	2698	2310	2377	2328	2154	2618	2476	2333	2250	2232	1929	1679	1486	1615	1505	1502	2181	3880	475
1951	1694	1714	1415	1608	2076	1384	1520	1410	995	1322	1138	1413	1368	1360	1491	2022	1927	1587	171
1952	1278	1325	916	1271	956	864	668	1288	1202	1187	1670	901	1329	853	1348	1688	1028	1861	172
1953	1423	1403	1427	1099	1399	1165	1474	976	1628	1622	1895	1871	2153	1965	1655	1796	1756	1337	178
1954	1774	1611	1518	1518	1427	1521	1754	1924	3798	5880	5016	4112	3737	2692	2544	2454	2346	2226	221
1955	760	812	873	913	1005	1026	994	993	969	912	859	821	805	764	779	819	893	838	85
1956	2003	2112	1793	1758	2375	2084	1968	2162	2267	1843	1314	1314	1473	1789	1791	1952	2158	2508	324
1957	4123	3591	3195	2692	2752	2547	2741	2633	3376	3625	2272	3425	3264	2610	2484	2356	2937	2692	243
1958	2711	2292	2014	1534	1587	1521	1427	1362	1361	1407	1669	1533	1372	1187	1512	1452	1432	1515	148
1959	1304	1346	1488	1414	1456	1460	1446	1365	1687	1448	1322	1321	1212	1254	1177	1294	1185	1177	147
1960	765	751	820	881	1114	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	160

MARCH

CHART 2-M

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
480	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
479	1688	1527	1465	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
1899	3451	3161	2860	2606	2820	2026	2813	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
012	661	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
1707	1520	1403	1519	1304	1172	1532	2260	2913	2856	2541	2242	2530	2320	2510	2290	2501	49,580
1566	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6612	5740	109,302
1190	2946	3035	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
1260	1126	1145	1137	1121	1086	1063	1001	1117	1133	1421	1342	1344	1381	1543	2076	2080	36,698
2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
1505	1502	2181	3880	4755	3658	3185	3106	2879	2729	2772	2856	2715	2552	2323	1969	2237	77,279
1451	2022	1927	1587	1719	1817	1816	2533	2602	2415	2512	3130	2451	4455	4220	3470	3782	64,079
1348	1688	1028	1861	1725	1653	1838	2779	2086	1330	810	2856	2991	3509	3364	3961	2566	53,141
1655	1796	1716	1337	1783	1997	1871	1495	2015	1876	2659	2967	2939	2966	3409	3928	5376	63,355
2544	2454	2346	2226	2219	2014	2091	2050	1988	1743	1880	1942	2143	2397	2149	2134	2086	74,858
779	819	833	638	850	851	781	742	817	817	852	894	992	1081	1102	1134	1158	27,846
1791	1952	2158	2508	3242	3010	4132	4481	5136	6000	7940	9559	9405	7304	6699	6295	6332	114,129
2484	2356	2937	2692	2435	2677	3212	3826	3741	3487	3167	3046	3121	2881	2964	3572	4101	97,046
1512	1462	1402	1515	1484	1466	1708	2345	3029	2866	3276	3070	2727	2801	2940	2748	2967	62,347
1177	1204	1185	1177	1474	1309	1360	1425	1414	1544	1849	1722	1847	1942	1987	1984	2058	46,271
1246	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1941	2764	3078	3048	3047	3476	3237	2058	2618	2831	2830	3468	3201	3339	3509	3386	3665	3394
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	6127
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18206	16138	16191	18504	20265	21625	22310	23229
1944	1584	1786	2125	2865	2726	3444	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377
1945	2671	2430	2282	2132	2295	1890	2576	2192	2522	2329	2057	2075	2045	1985	2006	2082	2706
1946	6006	4982	4552	4717	4841	5215	6160	6164	6222	5847	5218	5919	7596	10219	12352	13561	14760
1947	4810	4145	4006	3747	3576	3468	3305	3129	2954	2778	2635	2807	3063	3230	4470	5632	6148
1948	1740	2024	2660	2967	2723	2292	2269	1947	1837	2190	2201	2152	2155	2437	2518	3728	5472
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6460	7696	7781	5943	5790	5896	7130
1950	2888	3787	4628	4425	4107	3694	4251	4659	5177	4667	5832	5757	6521	7448	7513	7141	8013
1951	3624	3474	4934	5892	7194	8135	9860	10722	10962	10961	10650	9941	9844	11505	11254	13094	10778
1952	3257	3410	3349	3710	4755	6639	8222	9276	7782	6988	6943	7144	8421	9827	10583	9812	10805
1953	4682	3971	3824	4380	4381	4103	4956	3346	3502	3669	2558	2560	2634	2480	1840	2836	2705
1954	1924	1625	1758	2239	3169	4883	5105	4388	4362	4285	4039	4072	4879	5936	7451	7233	7499
1955	1161	1221	1221	1230	1285	1611	1927	2300	2290	2297	2591	2482	2364	2284	2054	1986	1821
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	6513	6589	6591	6719	6943	6944	6696
1958	2910	3061	3506	3911	3740	3464	3334	3515	3536	3412	4006	3696	4006	5274	5371	6712	7606
1959	2029	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5558	5227	4912	4487
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990

APRIL

CHART NO. 2-M

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
509	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
731	9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
265	21625	22310	23225	25040	23312	22450	18721	17930	15208	15482	14783	13516	12110	11161	14552	13643		503,266
841	2721	2302	2377	2310	2015	2274	2185	2848	2613	2821	3624	3471	3330	3282	3712	4231		82,000
285	2796	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		101,184
219	12352	13561	14780	17389	18612	16660	15103	13559	11548	11850	13257	13441	16563	15853	14226	13167		319,902
239	4470	5633	6148	6379	6440	6294	6171	6313	6123	6002	5480	5356	5760	6191	6991	7300		144,699
437	2518	3724	5472	10555	9536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
943	5790	5866	7130	7765	9413	10308	9503	7089	8258	8197	10023	9325	9906	9226	9241	9046		208,274
448	7513	7141	8013	8713	9288	8968	9687	11164	11175	11063	8717	8276	7747	7186	6576	6012		204,893
505	11254	13094	10778	11156	11617	11612	9103	9634	8658	7951	8088	7476	7865	8281	11574	11017		276,856
827	10583	9817	10365	13428	14761	14111	12836	12601	13075	13849	16380	18536	22122	23239	21444	17794		335,949
480	1840	2636	2255	3181	3909	3581	6299	7202	9882	9941	10534	9021	9668	11656	12779	9568		165,098
536	7451	7233	7469	9196	10069	9628	8428	8032	8010	8131	8461	8924	8800	9496	9340	8855		191,021
261	2051	1886	1821	1952	2105	2166	2375	2690	2892	3215	2126	2489	2241	2489	2624	2802		84,911
1213	11061	12390	13489	12607	12157	14959	15071	16199	17221	16150	15141	13577	15057	13854	13131	11692		318,251
1719	6943	6944	6696	6323	6132	6122	6532	6317	6558	6892	6880	6234	5503	5365	5649	7427		180,628
5274	6371	6712	7608	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565		161,884
5598	5227	4912	4187	3814	3799	3619	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025		138,367
7136	6422	5500	4990	4575	4182	4772	4571	4417	4662	3647	4034	3759	3422	3729	3741	3885		179,494

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1941	4990	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5127	7386	8408	7495	6193
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151
1943	13118	14472	15282	15085	15650	14752	21884	11194	10220	10225	9819	9272	8431	8266	7851	7404
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632
1945	5984	6478	8661	10542	11644	10720	9478	9101	5082	9218	10489	9101	8230	8448	7555	6677
1946	11798	10583	10259	10837	12416	13471	12844	13250	12128	11745	10582	10286	9306	9563	9170	9087
1947	6896	7787	10947	11506	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733
1948	4839	4538	3728	4393	4204	4307	5353	6539	6472	5797	5491	4613	5081	5491	6409	7046
1949	8043	7824	7289	6740	6507	6212	6294	7196	8178	9129	9835	10188	11441	11785	12313	12725
1950	5296	6068	5497	6494	5131	5034	4335	4258	5045	4557	5345	5562	5933	5553	11897	13385
1951	9164	8018	7239	7238	7299	8201	9732	12301	11980	12087	12460	13367	12371	10540	11714	8739
1952	14338	14047	16513	18001	18954	15799	16476	18533	18390	15081	14556	13358	16047	16502	16169	14231
1953	7035	6442	5512	5136	4791	6975	7413	8286	7592	6196	6086	5339	5084	5266	5493	5817
1954	7364	6445	5803	6282	6125	8165	9936	9704	10855	11776	13308	12853	11978	11087	9943	10824
1955	3296	3601	4040	4135	4134	5011	6647	7088	8417	8509	7939	7518	7917	7326	6984	5892
1956	10219	10200	9671	10211	10495	10826	11384	10702	11094	11328	10238	9587	8960	8698	7933	6258
1957	9410	10872	11712	11176	10375	9666	11186	12224	12850	12750	13083	12804	13328	13687	13505	13044
1958	4928	6924	8263	9639	11248	13513	14715	13949	13445	14578	15360	17413	17483	14213	12587	12839
1959	5870	7905	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6909	8763	10699	11842	11130	8927	7912

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4962	5120	5417	5474	5217
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6440	6171	6105	6822
1943	15587	14754	12962	11286	10258	8909	8350	8004	7516	8370	9666	10493	11513	11171	10305	10063
1944	5791	5553	5041	4788	4389	4158	4099	4084	4583	4913	4477	4254	4137	4007	4063	4095
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8259	7485	6911	6696	6727	6164	5678
1946	7950	7533	7764	9114	10131	9775	8965	8249	7785	7505	7573	6965	6209	6199	6482	6365
1947	7015	6867	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4395	4743	4539	4785
1948	10513	10500	11546	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075
1949	8708	7602	6441	5898	5222	5867	5323	6598	6795	7171	7009	7447	6908	6266	5531	4828
1950	10066	10139	10220	10932	10648	10679	11713	11063	9479	8073	7511	8008	8915	7804	8115	8634
1951	9487	8497	7265	6970	6227	7755	6914	6277	5708	5396	5479	6034	7203	7536	8584	9851
1952	12410	11938	11735	13212	13470	13830	13581	13783	12050	12664	10948	10492	7839	7788	7471	7157
1953	7869	8636	9229	5010	9655	9255	8956	8815	8799	8942	9178	10758	13803	14870	12978	11041
1954	5160	4757	4385	3988	4415	4803	4695	4456	4427	4339	4657	4615	4424	4644	5219	6412
1955	6794	6665	6080	6046	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971
1956	18157	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658
1957	12588	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7867	6627	6285
1958	12658	11471	10461	10328	9988	9513	10055	10402	10479	10045	9345	8848	9282	8734	8230	7494
1959	3978	3982	4244	4701	5361	6151	7024	7529	7633	7502	7001	6361	6257	6509	7003	7660
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316

MAY

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
7366	8408	7495	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6147	58
4141	4097	4044	4151	4093	3815	3906	3693	4014	4664	6595	9166	8745	10608	10600	8987	7899	69
8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	15133	15352	15465	162
9506	6077	7059	7632	7270	6542	5668	5075	1361	4248	4142	3824	3550	3409	3263	3789	3721	141
8230	8448	7555	8677	7216	7208	6601	5503	1382	5033	4993	5600	6638	6372	6538	6147	6452	692
9306	9563	9170	9087	9507	10011	10750	10746	10134	9995	10297	9114	8760	8863	10914	10528	10264	934
8473	7965	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8060	7846	676
5081	5491	6409	7046	8026	10024	11750	12004	11158	9706	9347	9066	9469	11787	12502	14185	15260	1335
11441	11785	12313	12725	11484	11045	11133	10828	10219	9157	8361	8248	7608	8244	8084	9373	9402	952
6833	6553	11897	13385	13675	12924	12287	9602	8907	10851	12138	13535	13021	11443	11009	11542	11799	1158
12371	10510	11714	8739	9745	10377	11258	11542	11650	11353	12580	12793	13796	12825	12596	13931	14035	1287
16047	16502	16169	14231	12343	11652	12801	12544	13861	13676	12967	11778	13056	14007	15740	13838	14449	1352
5084	5266	5493	5817	6208	71529	7120	9544	9170	7865	7045	6758	5485	5115	4725	4821	8049	618
11978	11087	9993	10824	11422	12411	12226	13404	14099	13747	11000	9763	9044	8390	7863	6614	5783	522
7917	7326	6984	5892	4734	4348	4549	5849	7548	9905	9657	8668	7661	6971	6186	5930	5467	576
8960	8693	7933	8258	9716	11258	14370	15780	16976	18660	19581	20134	22949	20931	19423	19484	17472	1659
13328	13697	13505	13044	13377	13270	16519	16751	16930	12150	11422	10232	9262	8974	9657	10360	11241	1225
17480	14213	12587	12839	12626	15234	17097	18168	21254	21745	21221	20507	20419	18831	18502	18827	17475	1560
4796	5934	7852	9040	7963	7080	6054	5228	4541	4930	4240	4322	4512	4193	4039	4271	4133	398
11842	11130	8927	7912	7473	6667	6028	5170	5073	4941	4367	4461	3891	3735	3766	3948	4148	4736

JUNE

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
8120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468
6400	6171	6105	6822	5402	5525	5420	5117	4791	4453	4427	4650	4756	4986	4527	4024	3862	3701
11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755
4137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3681	3228	3004
6696	6727	6164	5678	5343	5416	5606	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963
6209	6139	6482	6395	5913	5539	5241	5054	5113	5241	4827	5035	4596	3941	3917	3468	3540	3407
4395	4743	4539	4785	4562	5051	5334	5103	4813	4215	3548	3663	3758	3631	3738	3439	2971	2842
9047	8368	7682	7075	6428	5872	5495	4918	5009	5523	4998	4634	4327	4182	4080	3875	3657	3476
6908	6266	5531	4828	4960	4145	3728	3705	3597	3301	3091	3292	3073	3074	2960	2558	2418	2329
8115	7834	8115	8634	9085	9758	10925	9710	9794	10313	10051	8978	7663	6895	5212	6531	7034	8135
7203	7536	8081	9851	10513	9966	9533	8704	8506	7928	7135	6408	6370	5833	6263	5806	5949	5691
7936	7788	7471	7157	6311	6538	5654	6755	6336	5380	5598	5239	5328	5419	5276	5236	4724	5238
13803	14870	12978	11311	10254	12396	12700	11478	10079	9372	9297	9415	9046	7988	6975	6975	6895	7246
4424	4644	5219	6412	6807	5971	5393	5339	5130	6370	6893	7728	7691	7570	9607	8406	6267	6387
9799	9361	7923	7971	6687	6408	5760	5610	6345	6853	6183	6245	5718	4168	4196	3928	3926	4031
15650	10277	6993	9698	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603
8409	7867	6622	6285	5575	5046	5144	5582	5863	5551	5085	4971	5504	4690	5019	5141	5358	5073
9282	8774	8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083
6257	6509	7003	7660	7663	7262	6877	6500	6485	6429	6326	6113	5764	5462	4985	4572	4104	3620
6043	5954	5896	6316	5860	5021	4575	4208	3939	3374	3303	3094	3080	2997	3013	2624	2403	2652

	22	23	24	25	26	27	28	29	30	31	TOTAL
1	4875	5676	6643	7222	7181	9661	8159	6197	5834	5620	182,668
1	4864	6595	9166	8745	10608	10640	8987	7899	6931	6560	162,538
1	1851	10237	12494	14458	14525	15133	15352	15465	16213	16835	361,402
1	4246	4142	3824	3950	3406	3263	3789	3721	4432	5576	151,604
2	5033	4993	5600	6638	6372	6538	6147	6452	6032	7120	236,573
4	9665	10297	9114	8760	6863	10014	10528	10264	9346	7956	325,830
3	7622	7782	7407	7316	7548	7862	8060	7846	6708	6497	272,882
8	6708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
9	6157	8361	8248	7608	8249	8084	9373	9402	9520	9017	283,431
7	10851	12138	13535	13021	11443	11009	11542	11799	11588	11627	275,748
10	11353	12580	12793	13796	12825	12596	13931	14035	12879	10811	344,921
11	13676	12967	11778	13056	14007	15740	13838	14449	13520	12560	449,787
10	7865	7045	6758	5485	5115	4725	4821	8049	6183	6898	201,788
24	13747	11300	9763	9044	8390	7663	6614	5783	5228	4974	256,066
48	9905	9607	8668	7661	6971	6146	5930	5467	5763	6712	198,635
76	18660	19581	20134	22949	20931	16423	11484	17472	16500	16839	420,677
80	12190	11422	11232	1262	8974	9657	10360	11241	12253	12790	376,969
94	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326	473,187
41	4930	4240	4322	4512	4193	4039	4271	4133	3980	3901	155,797
73	4941	4367	4461	3891	3735	3766	3948	4148	4736	5599	187,181

	22	23	24	25	26	27	28	29	30	31	TOTAL
667	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,677
888	3933	3524	3606	3689	3732	3741	3684	3228	3004		123,863
091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
133	5541	4827	5035	4566	3941	3917	3468	3540	3407		189,412
813	4215	3548	3663	3798	3631	3736	3439	2971	2842		148,619
009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
577	3301	3091	3292	3073	3074	2960	2578	2419	2329		150,554
794	10313	10051	8978	7663	6895	5212	6531	7034	8135		270,405
906	7928	7135	6408	6370	5833	6263	5806	5949	5691		219,788
336	5380	5598	5239	5328	5419	5270	5236	4724	5288		259,400
079	9372	9297	9415	9046	7988	6975	6975	6895	7246		291,782
530	6370	6893	7728	7691	7570	9607	8406	6267	6387		171,559
345	6853	6183	6245	5718	4168	4196	3928	3926	4004		206,590
256	7356	6144	6500	5871	6087	5776	5995	6042	5603		251,292
863	5351	5085	4971	5504	4690	5019	5141	5058	5073		256,006
722	7191	7000	6967	7002	5680	5318	4764	4595	4083		250,783
485	6429	6326	6113	5764	5462	4985	4572	4104	3620		181,078
199	3374	3303	3094	3060	2997	3013	2624	2403	2652		166,675

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	22	23	24	25	26	27	28	29	30	31	TOTAL
6	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,568
7	4664	5595	9166	8745	10608	10690	8987	7899	6931	6560	162,538
8	8851	10237	12494	14458	14525	15133	15392	15465	15213	16635	361,402
9	4246	4142	3824	3550	3407	3265	3739	3721	4432	5576	151,624
10	5033	4983	5600	6638	6372	6538	6147	6452	6932	7120	236,573
11	9665	10297	9114	8760	8863	10914	10528	13264	9346	7956	325,830
12	7622	7782	7407	7319	7548	7862	8060	7846	6798	6497	272,882
13	6706	6347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
14	9157	8361	8248	7608	8249	8084	9373	9402	9520	9017	282,431
15	10851	12138	13535	13021	11443	11009	11542	11799	11588	11627	279,748
16	11353	12580	12793	13796	12875	12596	13931	14035	12879	10811	344,921
17	13676	12967	11778	13056	14007	15740	13838	14449	13520	12560	449,787
18	7865	7045	6758	5885	5115	4725	4821	8349	6163	6898	201,788
19	13747	11000	9763	9044	8390	7863	6614	5783	5228	4974	296,066
20	9605	9607	8648	7661	6971	6146	5930	5467	5763	6712	198,635
21	18660	19581	20131	22940	20931	19423	19484	17472	16500	16839	420,677
22	12150	11422	13232	9262	8974	9657	10360	11241	12253	12790	376,069
23	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326	473,187
24	4930	4240	4322	4512	4193	4039	4271	4133	3980	3901	155,797
25	4941	4367	4461	3891	3735	3766	3948	4148	4736	5599	187,181

	22	23	24	25	26	27	28	29	30	31	TOTAL
26	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
27	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
28	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
29	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
30	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
31	5241	4827	5025	4566	3944	3917	3468	3540	3407		189,412
32	4215	3548	3663	3798	3631	3738	3439	2971	2842		148,619
33	5523	4938	4634	4327	4182	4086	3875	3657	3476		225,853
34	3301	3091	3292	3073	3024	2960	2558	2419	2328		150,554
35	10213	10051	8978	7663	6895	5212	6531	7034	8135		270,405
36	7928	7135	6408	6370	5833	6263	5806	5949	5691		219,788
37	5380	5068	5239	5328	5419	5276	5236	4724	5238		259,400
38	6372	6297	6415	6046	7088	6975	6975	6895	7246		291,782
39	6370	6893	7728	7691	7579	9807	8406	6267	6387		171,559
40	6853	6183	6245	5718	4168	4196	3928	3926	4004		209,580
41	7356	6144	6500	5871	6087	5776	5995	6042	5603		251,292
42	5551	5085	4971	5504	4690	5019	5141	5358	5073		259,006
43	7191	7000	6967	7002	5680	5318	4764	4585	4083		250,763
44	6429	6326	6113	5764	5462	4985	4572	4104	3620		181,078
45	3374	3303	3094	3080	2997	3013	2624	2403	2652		166,675

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1941	2322	2243	2039	1927	1952	1710	1674	1575	1513	1437	1337	1296	1213	1239	1233	1251
1942	4013	4240	4155	3775	3793	3472	3324	3064	2814	2736	2424	2238	2108	2075	1899	1811
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5339	5040	5053
1944	3009	3102	2689	2700	2403	2513	2184	2012	1856	1998	1857	1698	1642	1590	1519	1482
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555	2355	2179	2130
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2373	2385	2246	1949	1915	1811	1658
1947	2727	2594	2681	2701	2632	2476	2407	2450	2533	2120	2258	2132	1840	1871	1856	1816
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1736	1500	1565
1949	2345	2243	2200	2079	2070	2094	2268	2117	1900	1899	1705	1663	1639	1500	1431	1390
1950	8217	8402	7729	7180	6707	6330	6036	5799	5235	4788	4579	4039	3874	3507	3215	3149
1951	5444	5457	5231	5184	5226	4489	4507	4060	3758	3821	3636	3409	3003	2958	2845	2841
1952	5148	4151	3933	4258	3817	3764	3846	3333	3218	3076	3153	3534	3350	3127	2507	2564
1953	7247	7169	6740	6586	6778	6462	6786	6035	6033	5369	5284	5022	4683	4618	4453	3725
1954	5059	4927	4530	4360	4450	4445	4158	4176	3573	3417	2920	3120	2958	2706	2848	2893
1955	3573	3184	2743	2676	3036	2560	2432	2283	2303	2361	2751	2133	2506	2465	2116	2312
1956	5241	4804	4450	4281	3976	3925	3941	3903	4027	3267	3584	3423	3658	3354	3340	3079
1957	4756	4563	4422	3940	3605	3351	3239	2994	2949	2714	2453	2702	2577	2036	2372	2286
1958	4113	3444	3513	3324	3253	3197	2988	2733	2786	2580	2621	2242	2188	2170	2145	1257
1959	3049	2511	2563	2622	2476	2299	2350	2239	2162	1850	1836	1945	1737	1701	1512	1685
1960	2124	2136	2040	1947	2087	2086	1700	1751	1572	1647	1470	1423	1218	1275	1230	1236

AUGUST

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	729
1943	2477	2514	2409	2330	2308	2173	2044	1875	1896	2060	1656	1539	1630	1644	1636	1618
1944	1012	1000	1042	1027	1002	956	859	783	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	1283	1251	1282	1249	1224	1116	1099	1089	1088	963	934	901	896	854	844	847
1947	1040	1022	973	900	909	872	838	748	790	737	721	711	644	654	663	672
1948	870	957	887	823	745	884	935	836	848	825	848	859	792	745	734	737
1949	838	785	764	646	564	601	587	571	625	625	608	662	707	727	767	764
1950	1656	1530	1525	1401	1552	1840	1590	1507	1274	1350	1471	1447	1300	1400	1136	1127
1951	1515	1605	1521	1630	1721	1769	1389	1309	1260	1341	1190	1379	927	1130	966	867
1952	1300	2124	1336	1564	1186	1213	1262	1487	1344	1243	1214	1188	998	1363	1495	805
1953	1536	1670	1619	1469	1502	1490	1492	1230	1207	1197	1195	1135	1103	1102	1226	1193
1954	1337	1312	1238	1240	1200	1192	1129	1206	1204	1180	1151	1134	1144	1141	1170	1180
1955	1282	1189	1107	971	955	864	993	930	942	994	1009	963	934	902	933	911
1956	1801	1476	1406	1438	1397	1350	1250	1234	1067	1036	1001	925	1009	999	841	809
1957	1343	1251	1170	1072	956	962	960	961	950	955	953	901	841	834	719	789
1958	1644	1641	1526	1468	1297	1268	1228	1165	1117	1108	1094	1059	1041	987	803	929
1959	1025	1059	1010	952	709	638	515	692	714	725	724	650	607	577	551	502
1960	836	794	938	893	881	838	763	721	682	634	681	636	591	624	526	511

JULY

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1213	1239	1233	1251	1217	1219	1147	1113	1090	1041	994	966	947	900	891	1141	1079	1040
2108	2075	1899	1811	1790	1656	1591	1530	1473	1450	1417	1356	1337	1280	1290	1158	1161	1151
5908	5338	5040	5093	4694	4405	4363	4274	4063	4189	4169	4066	3455	3563	3448	3226	3148	2845
1642	1590	1519	1492	1511	1455	1401	1317	1284	1347	1321	1293	1251	1259	1179	1149	1116	1029
2555	2355	2179	2136	2081	1791	1789	1709	1623	1644	1504	1535	1447	1325	1282	1212	1209	1232
1945	1915	1811	1658	1687	1744	1645	1532	1456	1553	1504	1382	1342	1266	1333	1380	1414	1356
1840	1871	1556	1815	1783	1901	1678	1494	1436	1402	1356	1253	1209	1146	1140	1105	1006	1052
1814	1736	1500	1565	1577	1457	1354	1350	1365	1348	1296	1181	1125	1020	920	914	969	968
1639	1500	1431	1390	1295	1296	1155	1083	1083	1080	1069	1043	973	927	925	945	930	894
3874	3507	3215	3369	3035	2618	2518	2402	2315	2270	2040	2003	1953	1902	1736	1862	1755	1678
3003	2998	2945	2941	2681	2766	2443	2407	2338	2136	2153	1912	1688	1946	1715	2222	1676	2212
3350	3127	2507	2564	2220	2354	2504	2121	2195	1904	2106	1990	1964	1658	1702	1727	1595	1745
4683	4618	4453	3795	3274	3260	2872	2699	2313	2436	2277	2067	2154	1907	1883	1881	1785	1593
2958	2706	2641	2693	2686	2509	2463	2045	1967	2100	1813	1638	1833	1802	1693	1692	1664	1442
2506	2465	2146	2212	2027	2196	1963	1824	1660	1616	1597	1624	1628	1422	1296	1371	1444	1444
3858	3354	3340	3079	2439	2619	2617	2203	2594	2517	2361	1953	1952	1952	1933	1975	1902	1696
2577	2036	2372	2286	1967	1815	1697	1672	1751	1647	1587	1464	1439	1373	1373	1346	1344	1395
2188	2170	2145	1957	2025	1977	2034	1820	1808	1779	1840	1685	1687	1594	1535	1576	1489	1527
1737	1701	1512	1685	1533	1341	1394	1406	1230	1373	1238	1175	1085	1093	1056	1040	988	984
1218	1275	1230	1236	1115	1258	1131	983	947	1019	1011	936	924	832	738	739	776	684

AUGUST

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1262	1140	806	836	652	890	1240	962	832	879	800	714	860	776	781	787	749	724
756	742	745	729	674	688	648	611	596	625	597	623	626	596	606	568	578	593
1630	1644	1636	1618	1594	1521	1514	1457	1400	1366	1315	1304	1280	1278	1244	1234	1211	1179
687	650	649	638	631	634	626	616	581	542	536	547	534	523	529	516	537	539
612	652	614	799	769	750	759	726	727	710	714	720	679	646	623	584	586	590
806	654	644	647	614	794	753	780	735	706	802	804	635	861	868	876	874	834
644	654	663	672	637	619	613	589	579	586	569	555	586	567	546	521	510	583
792	745	734	737	753	742	723	679	690	670	679	644	680	677	667	652	644	636
707	727	767	764	828	831	763	716	654	611	594	572	560	551	566	544	539	556
1300	1400	1136	1127	1017	1026	949	1001	994	1019	945	1006	1004	893	863	960	801	730
927	1130	968	967	817	1110	825	756	841	1061	1072	835	1167	994	933	806	840	766
998	1393	1495	805	821	1074	941	1015	1137	980	1305	992	532	572	850	504	633	372
1103	1102	1228	1109	1180	1048	1056	1075	1095	1116	1035	1035	1032	924	924	993	994	989
1144	1141	1170	1160	1158	1055	996	995	931	1016	1009	1072	997	893	906	884	903	863
934	902	933	911	902	849	850	839	962	977	946	848	797	721	705	711	733	784
1009	999	841	809	841	794	841	748	790	841	817	803	931	928	841	841	714	743
801	801	834	719	789	725	745	724	675	720	708	653	647	603	585	740	641	764
1059	1071	987	893	920	854	866	875	838	897	875	824	669	658	638	600	662	681
607	577	551	502	547	611	641	900	974	1025	1115	936	866	883	844	849	831	776
591	624	526	511	616	627	748	779	717	695	635	690	754	839	856	862	807	770

20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
113	1090	1091	994	966	947	900	891	1141	1079	1040	920	41,000
530	1473	1450	1417	1356	1337	1280	1290	1198	1161	1151	1045	68,726
274	4063	4189	4169	4056	3455	3563	3448	3226	3148	2845	2638	179,799
317	1264	1347	1321	1293	1251	1259	1179	1149	1116	1029	1024	53,191
769	1623	1644	1504	1535	1447	1326	1282	1212	1209	1232	1191	69,904
1632	1456	1553	1501	1382	1342	1286	1333	1380	1414	1356	1285	63,567
1594	1436	1402	1356	1253	1209	1146	1140	1105	1006	1052	1092	57,047
350	1365	1346	1296	1161	1125	1020	920	914	969	968	864	53,489
1063	1083	1080	1069	1043	973	927	925	945	930	894	878	45,949
1632	2317	2270	2030	2003	1563	1502	1736	1862	1755	1678	1559	120,856
1627	2330	2136	2153	1912	1688	1546	1715	2222	1676	2212	1541	97,845
1121	2145	1904	2106	1590	1064	1658	1702	1727	1595	1745	1668	86,232
2008	2313	2436	2277	2067	2154	1906	1883	1881	1785	1593	1679	127,172
2045	1967	2100	1813	1838	1833	1202	1693	1692	1664	1442	1369	89,478
1824	1680	1616	1597	1624	1628	1122	1295	1371	1444	1444	1424	65,969
2053	2008	2017	2361	1953	1952	1952	1933	1975	1902	1896	1778	94,918
1672	1781	1647	1567	1464	1439	1373	1373	1345	1344	1395	1422	74,153
1823	1808	1779	1840	1685	1697	1594	1535	1576	1489	1527	1609	71,233
1406	1290	1373	1238	1175	1085	1093	1056	1040	988	984	975	52,448
963	947	1019	1011	936	924	832	738	739	776	684	752	40,787

20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
602	832	879	800	714	820	776	781	787	749	724	686	26,603
611	956	625	597	623	626	996	605	568	578	593	603	23,487
1497	1100	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,878
616	961	842	536	547	534	523	529	516	537	539	503	21,642
776	727	710	711	720	679	646	623	584	585	590	588	25,658
780	735	706	802	804	635	861	808	676	674	834	829	29,187
989	579	586	569	515	526	567	546	521	510	553	598	21,525
679	690	670	679	614	680	677	667	652	644	636	628	23,529
718	659	611	564	572	560	551	566	544	539	556	541	20,262
1001	963	1019	945	1006	1074	863	863	960	801	730	724	37,251
756	611	1061	1072	835	1167	994	933	806	840	766	971	35,348
1015	1107	980	1125	942	532	572	850	904	633	372	1099	34,368
1076	1045	1118	1095	1055	939	924	924	963	994	989	855	36,447
995	931	1016	1009	1072	997	893	906	884	903	863	809	33,708
936	962	977	946	848	757	721	705	711	733	784	739	28,271
748	700	841	817	863	931	928	841	811	714	783	776	31,208
675	720	708	653	647	603	685	740	641	764	632	624	25,972
838	897	675	824	669	658	638	600	662	681	669	693	30,883
900	974	1025	1115	936	866	883	844	849	831	776	768	24,216
779	717	695	635	690	754	839	856	862	807	770	935	22,879

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	658	634	632	650	640	655	646	627	643	655	653	642	669	698	742	747	740	727	686
1942	617	631	599	595	596	558	553	521	515	500	530	554	592	624	632	638	623	623	501
1943	1171	1175	1155	1135	1100	1076	1040	1022	1013	957	922	914	912	917	926	889	862	817	783
1944	476	473	499	551	574	627	650	641	645	603	568	557	517	509	487	455	477	474	547
1945	610	613	606	604	569	586	584	577	609	568	575	611	579	594	563	557	578	580	624
1946	804	741	722	720	681	710	724	794	869	865	921	778	717	695	654	661	670	721	793
1947	583	614	596	570	605	589	585	630	617	645	652	640	701	705	696	656	637	561	636
1948	620	612	606	610	616	620	616	620	620	559	560	570	630	603	592	581	525	537	199
1949	544	544	528	513	489	434	437	433	450	524	541	613	630	621	637	568	556	557	502
1950	811	714	821	642	506	516	496	541	1024	1752	1297	929	756	984	902	543	839	804	841
1951	756	841	1124	617	775	617	709	570	768	848	643	616	652	904	596	696	736	604	534
1952	874	711	1072	997	666	855	692	321	630	655	874	783	756	2173	1067	756	1032	687	710
1953	885	982	976	943	934	897	893	883	850	840	823	811	811	801	800	776	725	729	756
1954	797	742	704	683	679	637	635	617	576	628	644	699	697	664	773	774	754	849	871
1955	709	631	574	569	598	609	575	591	575	554	563	663	663	599	604	608	686	741	824
1956	838	890	965	630	982	862	990	1006	990	1003	1061	1055	1090	1054	1091	1050	967	952	885
1957	743	793	843	950	1013	1006	990	851	905	916	872	899	868	868	864	851	836	849	831
1958	777	732	824	920	1033	1148	1128	1076	938	977	997	936	1040	948	958	1061	1006	1004	878
1959	790	824	1025	976	921	812	788	570	618	678	587	696	874	999	1062	1242	1330	1302	1289
1960	872	747	680	685	1051	811	853	846	633	668	721	747	776	884	924	1003	910	853	815

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	718	694	674	665	691	724	752	797	732	715	591	676	783	804	668	802	2513	1954	1566
1942	567	748	695	662	697	665	659	684	655	501	452	605	740	744	844	563	683	718	682
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940	1122	939	927	1056	575	1012
1944	571	583	702	630	554	718	635	636	519	646	652	635	617	611	652	642	821	807	673
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746	686	777	816
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995
1947	536	648	559	703	619	638	645	518	632	876	803	947	944	874	777	822	2138	1453	1233
1948	631	615	536	551	715	779	728	755	791	697	698	742	742	750	748	754	778	783	790
1949	513	562	575	793	753	948	943	896	835	860	996	849	858	816	827	851	825	834	746
1950	1049	1161	967	968	1027	995	1027	1092	1056	1362	1146	973	950	930	967	971	971	971	971
1951	919	1440	1748	1289	992	1114	1240	1236	691	948	1368	808	1358	1565	941	1751	1489	565	1047
1952	645	583	1512	748	854	548	1020	719	1197	564	693	793	494	892	948	837	747	966	779
1953	701	589	673	666	635	676	694	799	683	867	581	654	766	930	931	955	941	922	974
1954	732	733	736	736	742	757	791	806	833	841	863	873	884	894	906	995	1054	1004	996
1955	684	633	621	702	782	793	793	802	815	863	901	922	916	872	883	888	865	879	875
1956	1102	1175	1238	1138	1134	1096	1092	1092	1090	1088	1056	1065	1082	1096	1112	1025	902	948	930
1957	801	742	720	731	741	752	779	764	791	799	805	813	819	826	840	851	863	886	923
1958	964	995	1029	995	986	991	990	864	692	652	594	687	818	824	830	817	797	740	775
1959	1404	1292	1188	1157	947	1024	989	1069	1213	1477	1676	1772	1891	1669	1666	1571	1392	1349	1287
1960	382	395	401	411	482	550	681	862	1103	1195	1322	1116	906	844	816	715	648	655	790

SEPTEMBER

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
693	642	669	698	742	747	740	727	686	699	710	726	726	729	729	731	727	711	714	715	
530	554	592	621	632	636	623	623	601	620	635	652	660	615	634	572	557	575	536	541	
922	914	912	917	926	989	862	817	783	787	758	828	858	840	891	815	850	874	862	896	
568	557	517	505	487	495	477	474	547	606	663	707	689	672	659	636	624	630	620	560	
575	611	579	594	563	557	578	589	624	630	644	691	629	675	951	563	782	675	681	656	
821	778	717	695	654	661	670	725	793	957	893	863	899	892	827	783	742	651	682	691	
652	640	701	705	686	656	637	591	636	627	606	607	615	617	617	619	592	594	582	590	
560	570	630	603	592	581	525	507	599	474	506	483	504	539	562	590	725	757	806	760	
541	613	630	621	637	568	556	557	902	505	489	474	485	503	536	507	503	466	472	534	
1797	629	756	984	902	943	939	804	841	850	946	769	719	712	678	700	750	801	852	108	
643	615	642	904	596	646	726	609	534	316	605	298	729	717	778	633	704	924	706	812	
871	783	756	2173	1267	756	1032	687	716	1311	1000	613	823	525	825	356	1466	1050	576	562	
823	811	811	801	800	776	725	729	756	751	773	822	789	774	708	651	606	604	604	617	
644	699	697	664	773	774	754	849	871	824	793	723	685	682	753	660	650	625	653	711	
663	663	663	599	604	608	686	741	824	840	735	693	609	651	804	821	862	844	768	745	
1061	1055	1050	1054	1091	1050	967	952	885	839	839	762	731	744	744	822	642	1684	935	1057	
872	899	868	868	864	851	836	849	831	877	883	931	962	908	904	915	934	878	893	875	
997	936	1040	948	958	1061	1006	1004	878	934	920	828	732	632	625	758	839	846	849	848	
587	696	874	999	1062	1242	1330	1302	1289	1276	1516	1685	1671	1503	1286	1313	1497	1580	1595	1512	
721	747	776	884	924	1003	910	853	815	835	890	861	873	806	645	801	636	545	380	351	

OCTOBER

	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
15	591	676	783	804	608	802	2513	1754	1566	1420	1187	922	936	850	694	863	958	906	675	1000	871
01	459	605	740	744	844	563	683	718	692	895	720	761	720	760	651	626	732	792	737	835	689
26	907	1228	940	1122	939	927	1005	976	1012	883	1121	1064	1085	1054	1188	1148	1202	1284	1460	1351	1301
46	652	635	617	611	652	642	821	807	623	632	598	664	671	674	643	659	958	436	669	648	718
01	570	773	696	542	865	746	689	777	816	792	814	938	768	797	776	795	800	791	802	819	924
95	961	991	931	898	932	965	995	910	995	925	936	1134	1256	1407	1291	1241	1238	1220	1123	1031	1118
76	803	947	941	874	777	822	2138	1453	1233	1063	961	1002	977	947	945	850	813	954	905	1143	1120
97	698	742	742	750	748	751	778	783	780	751	762	722	738	741	735	736	734	675	686	685	735
60	696	849	858	816	827	851	825	834	746	748	753	812	826	825	852	818	842	689	752	835	780
52	1146	973	950	930	967	971	971	971	971	971	971	974	973	972	972	991	1138	1274	1325	1089	1337
48	1368	808	1358	1565	941	1751	1489	965	1347	1624	1634	513	702	1189	1316	1347	1554	2001	1425	1178	1332
63	693	793	454	892	948	837	747	1066	779	663	799	1325	1016	743	807	592	867	1299	1325	621	461
67	581	654	766	630	931	955	941	922	974	972	956	911	760	729	656	888	898	735	783	781	683
41	863	873	884	894	906	995	1054	1004	996	973	872	809	621	603	799	863	842	852	881	852	823
63	101	927	916	872	883	868	885	878	875	837	812	798	796	792	805	805	808	812	812	848	876
983	1056	1065	1082	1076	1112	1025	902	948	930	928	910	955	965	993	1025	1044	1153	1338	1320	1201	1116
99	805	813	819	826	810	851	863	889	923	966	977	992	995	999	998	990	985	980	978	976	961
52	594	687	818	824	830	817	797	740	775	794	836	880	777	802	804	829	908	841	788	784	638
77	1676	1772	1891	1869	1666	1571	1392	1342	1287	1250	1346	1375	1324	1594	1602	1667	1650	1516	1419	1333	1345
95	1322	1116	906	844	816	715	648	655	790	721	743	742	719	594	824	797	761	834	852	860	781

	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
0	727	686	609	710	726	726	728	729	731	727	711	714	715		20,650
3	623	601	620	635	652	666	675	684	572	557	575	536	544		17,670
2	817	783	787	758	828	858	840	891	815	850	874	882	896		28,049
7	474	547	506	663	707	689	672	658	636	624	630	620	560		17,384
8	580	624	630	644	691	829	875	951	963	782	675	681	656		19,573
0	727	793	857	893	893	889	892	827	783	742	681	682	681		22,967
7	591	636	627	606	607	615	617	617	619	582	594	582	590		18,604
5	502	199	474	508	483	504	538	562	590	725	757	806	760		17,873
6	557	502	505	489	474	485	503	508	507	503	466	472	534		15,567
9	804	841	850	846	769	716	712	678	700	750	901	852	838		24,632
6	609	534	316	805	298	729	717	778	833	704	924	706	812		21,275
2	687	716	1311	1000	613	823	525	825	356	1466	1050	576	592		25,554
28	729	756	751	773	822	789	774	708	651	606	504	604	617		23,814
54	849	871	824	793	723	685	682	753	660	650	625	653	711		21,182
86	741	824	840	725	693	608	651	804	821	862	844	768	745		20,397
67	952	885	839	830	762	731	744	744	822	642	684	935	1057		27,542
36	849	831	877	883	931	962	908	901	915	934	878	893	875		26,685
36	1004	878	934	920	828	732	632	625	758	839	846	849	848		27,212
30	1302	1289	1276	1516	1685	1671	1503	1286	1313	1497	1580	1595	1512		33,817
10	853	815	835	890	861	873	806	645	801	636	545	380	351		23,122

	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
13	1954	1766	1420	1187	922	930	850	694	863	958	906	675	1000	871	31,800
83	718	682	895	720	764	720	760	651	626	702	792	737	635	699	21,282
15	579	1012	883	1121	1084	1085	1054	1188	1148	1202	1264	1460	1451	1301	30,901
21	807	673	622	598	664	671	674	693	659	958	436	669	638	718	20,414
89	777	816	792	814	838	768	797	776	795	800	781	802	819	924	22,911
95	910	995	925	936	1134	1216	1407	1291	1244	1238	1220	1123	1031	1118	33,697
138	1453	1233	1063	961	1002	977	947	915	850	813	954	995	1143	1120	28,122
178	783	780	781	782	722	738	741	735	736	734	675	686	685	735	22,321
325	834	746	748	753	812	826	825	852	818	642	689	752	835	780	24,612
771	971	971	971	971	974	973	972	972	991	1138	1274	1525	1685	1832	33,760
189	565	1047	1524	1634	513	702	1189	1316	1347	1564	2001	1429	1178	1302	38,636
747	960	774	863	799	1325	1016	743	807	592	667	1259	1305	621	461	25,892
341	922	974	972	956	911	760	729	896	888	858	735	783	781	683	24,928
054	1004	996	973	672	809	821	803	799	863	842	852	881	852	823	26,366
815	878	875	837	812	798	798	702	805	805	108	812	912	848	876	25,311
902	948	930	928	910	955	965	993	1025	1044	1153	1338	1220	1201	1190	33,311
863	889	923	966	977	992	995	999	988	980	985	980	978	986	961	27,056
707	740	775	794	836	880	777	802	804	829	908	841	788	784	838	25,921
992	1349	1287	1250	1346	1375	1324	1594	1602	1657	1650	1516	1419	1333	1345	43,454
948	655	790	721	743	742	719	594	824	797	761	834	852	860	781	23,522

NOVEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	781	821	822	930	1393	1076	1022	854	905	852	802	903	780	894	1387	2533	1954	1566
1942	775	901	830	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888
1946	1031	1033	929	844	934	927	1063	971	983	972	1028	937	844	850	944	936	856	947
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928
1948	813	1214	1689	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883
1949	805	710	716	824	700	690	700	779	995	1043	1022	821	865	840	906	817	846	715
1950	1399	2008	1950	1257	1357	1273	1471	1657	1649	1368	1257	1343	1126	1303	1186	1129	1172	1419
1951	1151	906	1003	1365	1001	1305	1093	827	1116	747	810	810	1072	1368	952	895	587	1272
1952	756	753	751	748	748	736	741	749	752	767	831	976	1145	1394	1378	1152	906	804
1953	678	952	844	716	853	868	863	858	860	868	677	926	915	759	889	942	775	684
1954	812	767	764	752	728	712	703	704	716	728	742	864	885	965	972	1048	1167	1070
1955	824	813	806	806	811	814	816	821	830	854	875	934	1051	1074	967	853	834	798
1956	1114	1199	1109	1107	1107	1111	1109	1137	1111	1077	1121	1114	1115	1100	1030	1023	959	982
1957	952	937	916	960	862	820	800	808	741	725	799	844	881	900	943	952	966	952
1958	606	567	752	930	869	764	1436	2330	1567	1366	1136	1047	1039	1197	1271	1024	891	847
1959	1248	1246	1243	1228	1213	1104	1097	1045	1052	992	938	1057	1023	842	725	726	747	762
1960	802	843	872	865	831	721	694	672	734	851	855	862	940	952	1095	905	918	1121

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	943	947	1661	4605	3137	2036	1637	1555	1400	1485	1458	1237	1309	1406	1372	1694	1560	1835
1942	1654	1741	1365	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	770	746	759	939	9
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040
1946	1395	1366	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771
1947	1239	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959
1948	790	846	881	857	849	841	863	882	874	870	930	952	988	999	980	942	892	767
1949	1303	1123	1148	775	804	855	790	842	891	780	701	626	650	903	718	817	809	934
1950	1403	1398	1485	1441	1551	1450	1561	1878	1631	1645	1759	1651	1474	2107	1284	1179	1669	1304
1951	2369	3435	2251	2024	1569	1335	1117	853	711	916	962	1493	1337	1060	1098	754	1072	1273
1952	723	836	920	915	848	764	755	845	916	947	991	1042	1093	1200	1139	1047	972	933
1953	1008	1002	1012	1012	996	925	958	962	969	1013	1025	982	1034	971	900	828	829	841
1954	701	705	707	711	712	741	754	777	793	818	825	813	801	793	772	753	706	688
1955	1110	920	928	942	958	973	999	1022	1034	1182	1161	923	876	919	785	971	897	1439
1956	887	889	886	853	905	963	952	921	958	1060	1122	1588	2196	2317	1964	1733	1488	1370
1957	877	809	765	746	701	792	884	911	930	941	911	915	839	843	848	854	1001	1023
1958	909	1208	1219	1140	1171	1090	991	1164	1247	1251	1404	3044	2870	2586	1169	1251	1932	1401
1959	843	918	885	932	843	804	491	599	507	559	714	747	819	894	714	810	784	749
1960	851	870	986	951	749	722	684	590	555	503	546	679	734	765	821	850	901	906

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		31,600
7	842	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
5	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
3	975	860	870	745	682	577	656	681	731	722	699	802	716	741	727	600	581		26,099
9	840	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
1	850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
9	985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,797
6	912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
5	840	906	817	846	715	809	684	841	645	804	1409	1474	1367	1290	1347	1205	917		27,606
6	1303	1186	1129	1172	1419	1649	1540	1597	1879	1277	1272	1388	1383	1359	1278	1232	1298		42,476
2	1368	952	895	587	1272	1198	1198	1200	1279	1051	953	831	863	1518	1231	1330	1210		32,142
5	1394	1378	1152	906	804	658	650	666	700	724	696	656	652	652	650	648	647		24,086
5	759	889	942	775	684	731	740	752	871	1990	2112	1272	1102	1310	1344	1291	1130		29,772
5	965	972	1048	1167	1070	1037	1026	946	905	861	824	769	762	757	754	749	746		25,235
1	1074	967	853	834	798	838	944	1506	1922	2120	1863	1830	1862	1713	1604	1330	1230		34,343
5	1100	1070	1073	959	982	929	1017	1006	964	992	1024	974	957	964	955	936	923		31,227
1	900	943	952	966	952	973	901	800	821	781	831	828	797	772	916	928	898		26,074
9	1197	1271	1024	891	847	862	1345	1495	1612	1404	961	968	826	648	617	646	875		31,898
3	842	725	726	747	762	919	1004	946	1013	1045	1100	1070	1200	1117	986	911	827		30,426
40	952	1095	905	918	1121	1136	1004	981	909	920	926	899	972	946	888	905	902		26,921

DECEMBER

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
09	1406	1372	1694	1560	1836	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
25	1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
46	746	770	746	759	939	974	1002	1003	1156	1003	943	1056	954	838	628	536	757	994	27,884
06	406	464	505	765	610	640	866	1052	818	1137	906	839	783	615	621	588	906	626	21,451
64	571	568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
56	4053	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696
109	995	922	901	811	959	991	844	951	798	792	974	746	737	736	779	961	790	513	27,758
288	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	728	778	931	906	764	779	795	975	775	739	748	25,608
174	2167	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1148	770	907	1599	1440	44,319
337	1060	1098	754	1072	1273	1362	807	959	2049	2046	1242	1236	629	1253	1145	2220	1393	1332	43,802
93	1200	1139	1047	972	933	871	842	790	784	784	782	781	793	816	802	820	801	779	54,662
134	971	900	828	829	841	789	927	1015	1053	1097	1014	1053	901	869	764	692	771	768	28,980
301	793	772	753	706	688	676	619	612	612	605	601	600	622	674	714	792	906	957	22,560
376	919	785	971	897	1839	1641	2250	2222	4106	16700	20551	11314	7381	5053	4416	3637	2728	2721	102,759
06	2317	1964	1733	1488	1318	1131	961	957	932	921	917	911	875	823	792	796	789	778	34,511
339	843	848	854	1001	1023	1052	1045	1042	1064	1063	1027	1036	1048	1053	1044	1064	1025	916	29,064
870	2586	1169	1251	1032	1401	1286	1109	1282	1356	1201	1198	1312	1203	1269	1094	889	840	901	41,987
819	894	714	810	784	749	839	856	821	776	699	739	904	976	1023	938	804	650	620	24,257
734	765	821	850	901	906	903	901	894	882	871	856	824	748	721	704	664	646	706	23,983

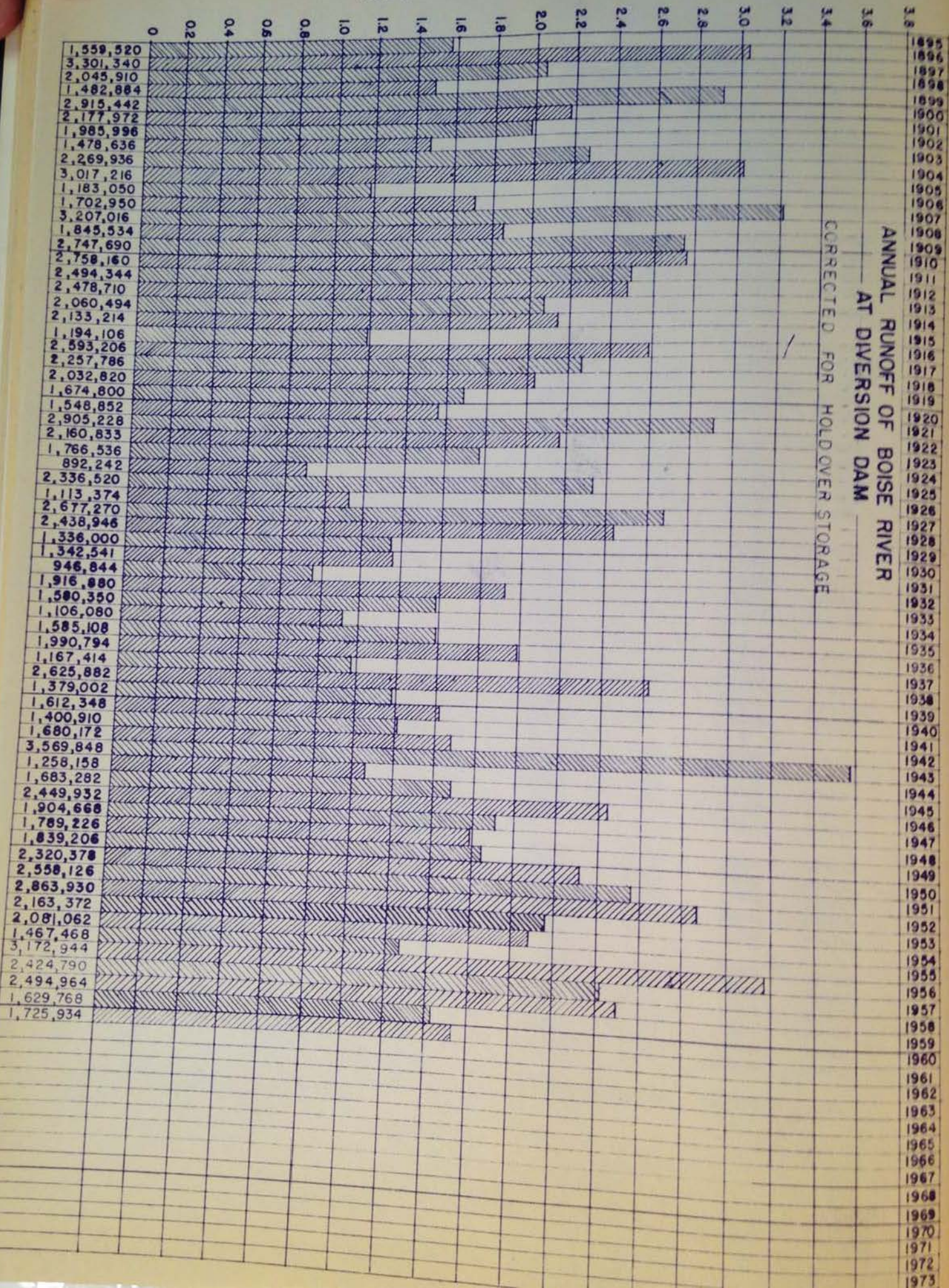
TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 65-YEAR PERIOD, 1895 TO 1959, INCLUSIVE

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1152	1073	1619	3668	7177	8507	4285	1232	747	767	909	1140
2.	1106	1091	1627	3360	7289	8396	4137	1196	748	815	933	1166
3.	1128	1129	1655	4008	7383	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	1098	735	820	952	1072
6.	1049	1229	1718	4350	7999	8038	3466	1072	732	817	956	1064
7.	1056	1228	1722	4498	8316	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	8668	7642	2438	910	785	867	972	1148
15.	1098	1250	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	908	1000	1018
19.	1145	1290	2660	7229	8729	6620	1882	832	747	904	985	1052
20.	1201	1315	2800	7094	8617	6591	1803	819	760	906	1048	1024
21.	1204	1325	2869	6974	8561	6350	1720	825	761	904	1109	1061
22.	1203	1377	2993	7182	8515	6115	1560	809	740	877	1198	1086
23.	1210	1407	3041	7229	8504	5850	1523	803	754	896	1302	1285
24.	1188	1460	3021	7299	8590	5643	1561	781	751	902	1233	1364
25.	1224	1456	3097	7310	8700	5354	1540	765	759	896	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	7496	8581	4628	1335	736	760	928	1044	1191
30.	1071		3549	7348	8442	4461	1320	734	767	911	1080	1157
31.	1095		3585		8585		1259	739		920		1134

RUNOFF IN MILLIONS OF ACRE - FEET

ANNUAL RUNOFF OF BOISE RIVER AT DIVERSION DAM

CORRECTED FOR HOLD OVER STORAGE



ANNUAL RUNOFF OF BOISE RIVER AT DIVERSION DAM

CORRECTED FOR HOLD-OVER STORAGE

1,559,520	1897
3,301,340	1898
2,045,910	1899
1,482,884	1900
2,915,442	1901
2,177,972	1902
1,985,996	1903
1,478,636	1904
2,269,936	1905
3,017,216	1906
1,183,050	1907
1,702,950	1908
3,207,016	1909
1,845,534	1910
2,747,690	1911
2,758,160	1912
2,494,344	1913
2,478,710	1914
2,060,494	1915
2,133,214	1916
1,194,106	1917
2,593,206	1918
2,257,786	1919
2,032,820	1920
1,674,800	1921
1,548,852	1922
2,905,228	1923
2,160,833	1924
1,766,536	1925
892,242	1926
2,336,520	1927
1,113,374	1928
2,677,270	1929
2,438,946	1930
1,336,000	1931
1,342,541	1932
946,844	1933
1,916,880	1934
1,580,350	1935
1,106,080	1936
1,585,108	1937
1,990,794	1938
1,167,414	1939
2,625,882	1940
1,379,002	1941
1,612,348	1942
1,400,910	1943
1,680,172	1944
3,569,848	1945
1,258,158	1946
1,683,282	1947
2,449,932	1948
1,904,668	1949
1,789,226	1950
1,839,206	1951
2,320,378	1952
2,558,126	1953
2,863,930	1954
2,163,372	1955
2,081,062	1956
1,467,468	1957
3,172,944	1958
2,424,790	1959
2,494,964	1960
1,629,768	1961
1,725,934	1962
	1963
	1964
	1965
	1966
	1967
	1968
	1969
	1970
	1971
	1972
	1973
	1974

TOTAL MONTHLY FLOW OF 2013

FOR IRRIGATION YEARS BEL

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1894-95	54700(8)	54000	62700	78600	68290	103180	243140	395220	225700	1523
1895-96	57040	54980	50960	73440	67660	157560	295040	575380	146420	3855
1896-97	54220	61300(3)	64600	50520	55240	87960	476000(5)	508000(6)	415000(5)	1433
1897-98	63440	64100	61500(7)	34100	67200	119280	251500	320280	295360	1186
1898-99	53262	56240	151640	160600	79640	113900	425740	606020	731400	2561
1899-00	53664	50000	97000	125420	96440	305220	380020	510720	300640	641
1900-01	63570	61880	65060	79440	98340	179320	305940	626460	287420	1164
1901-02	56464	72892	76400	61300	90440	88920	211470	353460	287160	1067
1902-03	45630	54498	63474	81760	63570	143360	448220	520620	601880	1475
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	671840	826600	521000	20152
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101500	176200	229820	247660	7188
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	6290
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673380	683520	534560	33564
1907-08	57890	55978	63300	67230	63282	141130	382540	370360	324880	19850
1908-09	68440	59280	58000	138160	110660	232840	472120	605240	655220	22630
1909-10	63140	200560	124760	79900	66600	556900	609980	513560	310360	11004
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740160	23304
1911-12	66570	66700	63520	76420	76120	99980	342620	684180	677560	17306
1912-13	66960	67820	60680	53600	51400	101800	374960	573740	413420	15666
1913-14	63524	80180	61380	71156	74568	216040	469040	553660	307700	12419
1914-15	69680	58368	44800	56580	50726	94782	176564	274130	191900	8392
1915-16	42410	45626	53346	49930	63262	197486	555062	563720	944764	29361
1916-17	59106	54016	53702	47628	47694	61740	267082	654106	643322	25021
1917-18	46004	49506	128592	112818	77754	181542	346040	409654	461268	11212
1918-19	64492	56578	49116	50532	52844	114916	395854	509192	240872	6973
1919-20	47968	56548	52610	66528	66774	89234	189044	449730	333468	11732
1920-21	59966	75678	67106	112422	94096	271472	394454	824032	718728	17534
1921-22	95452	39088	44579	60982	53180	113692	315642	852674	659854	14806
1922-23	52172	48986	52372	62100	50860	92700	273726	454010	376208	18290
1923-24	61592	52930	51286	48954	72446	63550	136450	243200	76712	35298
1924-25	39218	53562	42912	48416	129386	192378	501862	700486	367370	15259
1925-26	58400	51394	63522	48414	64264	140448	232672	247704	108072	41130
1926-27	34882	67640	84790	63200	104630	188064	378928	665294	725602	24470
1927-28	69014	144162	97842	90008	79354	272846	316512	852194	305656	11023
1928-29	49852	50792	46212	45514	49720	101504	179094	355418	265896	9828
1929-30	39356	36848	69543	44774	64368	103616	274178	295246	257382	7923
1930-31	54512	45418	44108	44818	45298	91246	177172	251538	110862	3467
1931-32	31424	31224	36376	38612	36756	135826	336006	564176	458224	15429
1932-33	39142	56478	40596	43926	41136	64474	239312	341510	538198	9561
1933-34	41276	47684	55652	79680	79948	151896	249648	229216	86240	37252
1934-35	37058	49444	51208	52256	54336	83150	299458	426528	363262	97334
1935-36	33616	38248	37352	44612	47356	100060	577594	625906	319284	82558
1936-37	39772	36600	41556	37568	41728	89870	207358	381192	178996	60820
1937-38	36266	49828	115760	67492	71566	191026	505100	711314	558138	201202
1938-39	60626	67394	60980	52236	47170	164294	328918	341836	136300	60358
1939-40	40474	38998	49268	53858	75724	201512	355842	434480	227258	64168

TOTAL MONTHLY FLOW OF COISE RIVER - IN ACFT FEET
FOR IRRIGATION YEARS BEGINNING 1901 & 1905

CH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	
30	243140	355220	225700	157300	63620	58000	1,559,520	
30	295040	553380	1464280	385320	81060	57500	3,301,340	
30	476000(5)	500000(6)	415000(5)	113300	67250	62520	2,045,910	(1) MEAN OF
30	251900	320280	295360	116848	45708	35168	1,482,884	
30	425740	606020	731400	356160	102640	68900	2,515,442	(2) SUBSTITUTED
30	380020	510720	302540	81156	53496	51156	2,177,972	
20	305940	626460	287420	116400	52222	49944	1,585,996	(3) SUBSTITUTED
20	211470	353460	287160	106720	49496	40914	1,471,636	
60	448220	520620	601860	147500	53000	46344	2,269,936	(4) MISSING DATA
40	671840	826600	521000	201520	71572	43830	3,017,216	
00	176200	225820	247660	77860	34700	34660	1,183,050	(5) MISSING DATA YEAR MEAN
00	337920	428100	346980	162900	52410	41090	1,702,950	
20	673380	683520	534500	33640	101600	62066	3,207,016	(6) MISSING DATA YEAR MEAN
30	382940	370360	324880	158500	64920	55824	1,545,534	
40	472120	605240	655220	226500	63690	57220	2,747,650	
00	609980	512560	310360	110040	55870	56390	2,756,160	(7) INTERPOLATED
70	323960	549120	740560	233040	74106	59728	2,494,344	(8) AVERAGE OF
80	342620	684180	677560	173460	83360	66080	2,478,710	
00	374960	573740	413420	156660	82964	54290	2,060,494	
40	469040	553660	307700	121130	58742	52694	2,133,214	
62	176564	274130	191900	13978	40926	39672	1,154,106	
66	555062	563720	544764	253818	80102	53680	2,543,206	
40	267062	654106	643322	290216	65224	43980	2,257,786	
42	346040	409954	461268	112120	56300	49922	2,032,820	
16	395854	509192	240872	69736	36404	34262	1,574,800	
34	169044	449730	333468	117328	40586	39034	1,548,652	
72	394484	624032	718728	175300	63068	48784	2,995,228	
72	319642	552674	659854	148066	65210	47974	2,180,833	
00	273726	454010	376208	152504	67552	42946	1,766,536	
50	136450	243200	76792	35256	24426	25320	892,242	
78	501862	700486	367370	152558	60730	47302	2,336,520	
48	232672	247704	109072	41132	30872	29480	1,113,374	
64	378928	665294	725002	233700	74786	55734	2,677,270	
46	316512	852194	305656	115212	51162	41304	2,438,946	
04	129004	355418	205856	98266	36822	32488	1,336,000	
16	274178	295246	257382	79234	43256	34720	1,342,541	
246	177172	251538	110862	34670	23156	24046	946,841	
326	336006	564176	458224	154298	52212	41746	1,916,880	
174	239342	341510	538198	99610	40282	35556	1,580,350	
96	249648	229216	86240	37252	22622	24966	1,106,080	
150	299458	428528	363262	97334	39022	30052	1,565,108	
60	577594	625906	319284	82558	43272	40936	1,990,794	
70	207358	381192	178996	60820	25996	25958	1,167,414	
26	505100	711314	558138	201292	71190	46910	2,625,882	
94	328918	341836	136300	60358	38454	30436	1,379,002	
512	355842	434480	227258	64668	31480	38966	1,612,348	

IN ACFT 2011

04 = 1000

AUGUST	SEPTEMBER	TOTAL
63620	90000	1,559,520
91060	57500	3,301,340
67290	62500	2,045,910
45700	30160	1,402,824
12540	68000	2,515,442
52450	51100	2,177,972
58727	49544	1,585,996
49406	40914	1,470,630
93000	46344	2,269,936
71572	43000	3,012,216
30970	34600	1,183,050
52412	41000	1,702,950
101600	62000	3,207,016
64920	55524	1,845,534
63690	57220	2,747,650
55070	56390	2,755,160
74106	58728	2,454,344
70390	66000	2,476,710
82964	54200	2,060,494
58742	52654	2,133,214
40926	39672	1,154,106
60102	53600	2,593,206
65204	49050	2,257,786
56300	49922	2,032,620
36404	34262	1,674,600
40596	39034	1,548,652
63068	45754	2,905,228
65210	47974	2,160,833
67552	42946	1,766,536
24426	25320	892,242
60720	47302	2,336,520
30872	29480	1,113,374
74706	55734	2,677,270
51162	41304	2,438,946
36022	32480	1,336,000
43256	34720	1,342,544
23156	24046	946,844
52212	41746	1,916,980
40282	35556	1,580,350
22622	24966	1,106,080
39022	30052	1,585,108
43272	40936	1,990,794
29996	25558	1,167,414
71190	46910	2,625,862
30454	30436	1,375,002
31480	38986	1,612,348

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1900.

(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

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1940-41	53168	59764	56634	54260	65368	113448	188300	365336	266776
1941-42	48552	63200	106838	62182	62162	87904	341662	325676	362374
1942-43	42564	64068	81782	153190	116564	235138	1006532	722904	627754
1943-44	61802	70704	55768	49412	52610	68094	164000	303208	247726
1944-45	40828	52198	42902	56270	80144	99160	202368	473146	405996
1945-46	45822	53670	74712	79590	65804	218604	639804	651660	378824
1946-47	67394	72214	109392	60362	87278	181276	289398	545764	297238
1947-48	56244	57582	55516	65522	60480	73396	264424	505792	459706
1948-49	44642	53918	51094	49038	45674	146834	416548	566862	301108
1949-50	49224	55212	51216	63188	71410	154558	409786	559496	540810
1950-51	67520	84952	88638	70656	126136	129158	553712	689842	439576
1951-52	77272	64284	87604	68400	77508	105282	671898	899574	518900
1952-53	51784	48172	54652	101282	88560	126710	330196	403576	583564
1953-54	49856	59544	57108	61536	93274	149716	382042	596132	343118
1954-55	52732	50470	45120	47482	40446	55692	129822	397270	419160
1955-56	50622	68686	205518	147514	104510	228258	636502	841354	582584
1956-57	66608	62454	69282	52648	92880	194052	361256	753938	518012
1957-58	54112	52148	58128	53682	121836	124694	323768	946374	501566
1958-59	51842	63796	83974	76466	69702	92542	276734	331994	362156
1959-60	86908	60852	48514	51664	64890	172630	358968	374362	333350

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894-1895

CH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
448	188300	365336	266776	83332	53206	41318	1,400,910
1804	341662	325676	362374	137452	46974	35340	1,680,172
1138	1006532	722804	627754	359598	103756	56098	3,569,848
1094	164000	303208	247726	105382	43684	34768	1,258,156
1160	202358	473146	405596	139808	51316	39146	1,683,282
1604	639804	651660	378624	137194	58374	45934	2,449,932
1276	289398	545764	297238	114094	43050	37208	1,904,668
1396	264424	505792	459706	106372	44612	36580	1,789,226
1834	416548	506862	301108	91898	40464	31126	1,839,206
1558	409786	559496	540810	241712	74502	49264	2,320,378
1198	553712	669642	439576	195690	70636	42550	2,558,126
1282	671898	899574	518800	172404	68736	51108	2,863,930
1710	330196	403576	583564	254344	72894	47628	2,163,372
1716	382042	596132	343118	178956	67416	42364	2,081,062
1692	129822	397270	419160	131938	56542	40794	1,467,468
1828	636502	841354	562584	189096	62116	55084	3,172,944
1492	361256	753938	518012	148306	51944	53370	2,424,790
1694	323768	946374	501506	142486	61766	54424	2,494,964
1242	276734	331594	362156	104896	48432	67634	1,629,768
1280	358968	374362	333350	81574	45758	46244	1,725,934

BY DAYS DURING THE IRRIGATION SEASON OF

APRIL

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	1166	1166	1166	1166	1166	1166	1166	1166	1166	1365	1365	1541	1545	1541	16
PENITENTIARY															
DUBB (SOUTH BOISE)															
RIDENBAUGH							59	98	106	111	114	119	134	142	
SETTLERS															
THURMAN MILL															
CRUZEN (CONSUMERS)															
BOISE CITY															
FARMERS UNION & B.V.							34	78	64	61	78	67	97	94	
NEW UNION													4	4	
NEW DRY CREEK															
BALLANTINE															
MIDDLETON CANALS											12	12	12	12	
LITTLE PIONEER										41	74	74	74	82	
CANYON COUNTY															
EAGLE ISLAND CANALS															
PHYLLIS															
EUREKA #1									201	122	132	132	132	160	
GOLDWELL HIGH LINE															
SEBREE (FARMERS CO-OP)												41	41	46	
											130	130	130	111	
CAMPBELL															
SIEBENBERG															
RIVERSIDE #2															
PIONEER DIXIE													75	105	114
EUREKA # 2															
UPPER CENTER POINT															
LOWER CENTER POINT															
MISCELLANEOUS															
TOTAL CANAL DIVERSIONS	1166	1166	1166	1166	1166	1166	1259	1342	1537	1700	1905	2116	2244	2297	2576
RIVER AT NOTUS	597	578	569	569	711	944	1690	4510	5070	5040	5420	5360	5150	5010	2860
TOTALS	1763	1744	1735	1735	1877	2110	2949	5852	6607	6740	7325	7476	7394	7307	5436

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
 DURING THE IRRIGATION SEASON OF 1960, INCLUDING STORAGE

APRIL																
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
1365	1541	1545	1541	1631	1737	1780	1791	2002	2202	2421	2718	2826	2830	2830	2916	2920
							9	9	9	9	9	12	12	12	12	14
114	119	134	142	179	199	245	259 28	324 52	402 85	444 103	463 127	498 146	514 159	537 170	532 180	543 194
							6	6	6	12	12	18	18	24	26	32
							15	15	15	15	15	15	15	15	16	16
											16	24	24	30	31	31
78	67	97 4	94 4	97 4	97 4	140 4	168 8	194 8	203 8	216 10	216 10	226 12	240 12	256 12	256 12	262 14
							12	12	18	18	28	38	45	52	55	59
12	12	12	12	12	12	12	14	14	14	15	17	19	21	23	25	27
74	74	74	82	82	97	97	97	97	105	121	129	137	148	161	178	178
										36	36	36	36	36	36	41
				55	55	55	55	55	55	55	55	55	55	55	55	55
132	132	132	160	190	179 15	186 15	212 22	280 28	315 38	366 39	459 41	467 41	479 41	495 41	504 32	504 32
	41	41	46	46	46	46	46	46	52	52	52	56	56	58	58	58
130	130	130	111	137	153	130	153	187	267	279	319	301	301	319	335	357
										14	16	18	20	22	24	26
										10	10	10	13	13	13	13
		75	105	114	124	132	142	152	162	181	173	195	214	228	204	198
							44	64	84	92	104	122	122	117	113	109
							12	12	12	14	16	18	18	18	20	20
							12	12	12	14	5	8	8	14	14	14
				29	29	29	29	29	29	29	29	29	29	29	29	29
1905	2116	2244	2297	2576	2747	2871	3134	3598	4093	4608	5150	5404	5510	5649	5760	5830
5420	5360	5150	5010	2860	2160	1110	920	670	460	260	270	180	30	140	160	160
7325	7476	7394	7307	5436	4907	3981	4054	4268	4553	4868	5420	5584	5540	5789	5920	5990

ANALS

CHART 5

DING STORAGE

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1780	1791	2002	2202	2421	2718	2826	2830	2830	2916	2920	2920	2937	2937		57249
	9	9	9	9	9	12	12	12	12	14	2	2	3		7
245	259	324	402	444	463	498	514	537	532	543	557	532	534		149
	28	52	85	103	127	146	159	170	180	194	194	194	194		7645
	6	6	6	12	12	18	18	24	26	32	34	36	36		1826
	15	15	15	15	15	15	15	15	16	16	16	16	16		266
				16	16	24	24	30	31	31	31	31	31		200
140	168	194	203	216	216	226	240	256	256	262	254	254	254		249
4	8	8	8	10	10	12	12	12	12	14	14	14	14		3906
	12	12	18	18	28	38	45	52	55	59	64	64	64		168
12	14	14	14	15	17	19	21	23	25	27	27	27	27		529
97	97	97	105	121	129	137	148	161	178	178	178	183	180		354
				36	36	36	36	36	36	41	46	46	46		2513
															0
55	55	55	55	55	55	55	55	55	55	55	55	55	55		395
186	212	280	315	366	459	467	479	495	504	504	544	537	537		880
15	22	28	38	39	41	41	41	41	32	32	36	43	43		7133
46	46	46	52	52	52	56	56	58	58	58	62	82	82		507
130	153	187	267	279	319	301	301	319	335	357	350	350	319		1026
				14	16	18	20	22	24	26	26	26	26		4758
				10	10	10	13	13	13	13	13	13	13		218
132	142	152	162	181	173	195	214	228	204	198	194	194	194		121
				43	75	77	80	82	84	84	84	84	84		2981
	44	64	84	92	104	122	122	117	113	109	105	115	115		777
															1306
	12	12	12	14	16	18	18	18	20	20	20	20	20		220
	12	12	12	14	5	8	8	14	14	14	16	16	16		161
29	29	29	29	29	29	29	29	29	29	29	29	29	29		464
2871	3134	3598	4093	4608	5150	5404	5510	5649	5760	5830	5885	5914	5863		96008
1110	920	670	460	260	270	180	30	140	160	160	400	860	830		52688
3981	4054	4268	4553	4868	5420	5584	5540	5789	5920	5990	6285	6774	6713		148696

DISCHARGE IN SECOND FEET OF BOISE

BY DAYS DURING THE IRRIGATION SEASON OF 1964

NAME OF CANAL	MAY														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2937	2937	2937	2937	2971	2971	2971	2971	2971	2971	2971	3033	3053	3104	3106
PENITENTIARY	3	6	6	6	9	10	10	10	10	10	11	11	12	12	12
BUEB (SOUTH BOISE)	16	16	16	19	19	17	15	13	10	10	10	10	10	10	10
RIDENBAUGH	539	526	524	506	515	492	485	492	488	502	510	507	528	530	559
SETTLERS	192	192	192	191	192	188	159	158	157	158	159	159	160	160	176
THURMAN MILL	37	37	37	37	37	39	37	35	32	32	32	32	32	32	32
CRUZEN (CONSUMERS)	18	18	18	18	18	18	18	18	17	17	19	19	20	20	20
BOISE CITY	33	33	35	35	35	35	35	31	32	32	30	33	35	35	38
FARMERS UNION & B.V.	254	256	256	256	256	256	230	195	195	195	208	240	240	253	253
NEW UNION	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
NEW DRY CREEK	68	72	76	76	80	78	75	73	69	70	72	72	74	76	76
BALLANTINE	27	27	27	27	27	27	27	27	26	26	26	26	26	26	26
MIDDLETON CANALS	178	176	174	172	168	164	160	156	152	148	144	140	146	152	158
LITTLE PIONEER				38	38	38	38	36	36	34	34	34	32	32	34
CANYON COUNTY	56	56	56	65	71	71	71	71	71	71	71	74	77	80	83
EAGLE ISLAND CANALS	54	54	54	54	54	54	54	54	54	55	55	55	55	55	55
PHYLLIS	545	533	537	533	533	533	505	477	477	453	457	457	496	494	492
EUREKA #1	43	43	43	43	43	43	43	43	43	43	43	43	42	42	42
CALDWELL HIGH LINE	82	82	82	82	54	54	47	49	49	54	58	61	59	59	60
SEEBEE (FARMERS CO-OP)	327	324	311	311	299	289	272	272	272	279	319	366	327	327	340
CAMPBELL	25	25	25	24	23	22	22	20	20	18	18	16	16	16	16
STEBENBERG	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14
RIVERSIDE #2	194	194	194	196	196	196	194	192	190	187	187	185	182	181	178
PIONEER DIXIE	83	83	83	81	81	81	82	82	82	83	83	83	84	84	83
EUREKA # 2	109	103	95	96	97	97	95	93	90	87	85	82	81	87	93
UPPER CENTER POINT	22	22	22	19	15	11	11	11	12	12	13	13	14	14	16
LOWER CENTER POINT	16	16	16	22	28	32	31	30	29	28	27	26	25	25	25
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5914	5887	5872	5900	5915	5872	5743	5685	5640	5631	5698	5834	5883	5963	6040
RIVER AT NOTUS	772	987	980	1200	1210	1190	1220	1460	1400	1280	1040	830	1620	2890	3920
TOTALS	6686	6874	6852	7100	7125	7062	6963	7125	7040	6911	6738	6664	7503	8853	9960

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1960, INCLUDING STORAGE

MAY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
71	2971	2971	2971	3033	3053	3104	3106	3106	3106	3106	3082	3094	3082	3070	3062	3062	3062
10	10	10	11	11	12	12	12	12	13	13	14	13	12	11	10	9	9
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	12
192	488	502	510	507	528	530	559	559	567	555	559	566	569	580	587	595	587
158	157	158	159	159	160	160	176	184	184	188	188	188	191	192	192	192	193
35	32	32	32	32	32	32	32	30	30	30	30	30	30	30	27	27	27
18	17	17	19	19	20	20	20	22	22	22	22	22	22	22	20	20	20
31	32	32	30	33	35	35	38	36	36	36	36	36	34	34	34	34	32
195	195	195	208	240	240	253	253	262	256	249	249	249	227	227	235	235	235
14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	18	18	18
73	69	70	72	72	74	76	76	79	78	76	76	75	74	74	73	73	73
27	26	26	26	26	26	26	26	30	30	30	30	30	30	30	30	30	30
156	152	148	144	140	146	152	158	164	170	175	178	174	167	157	147	147	149
36	36	34	34	34	32	32	34	34	36	36	39	36	34	32	30	28	26
71	71	71	71	74	77	80	83	86	88	90	92	90	88	85	81	78	75
54	54	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
477	477	453	457	457	496	494	492	490	496	482	480	474	476	474	456	466	440
43	43	43	43	43	42	42	42	42	42	42	40	40	40	40	40	40	40
49	49	54	58	61	59	59	60	66	65	61	50	60	63	73	49	48	38
272	272	279	319	366	327	327	340	327	327	327	327	327	301	301	301	301	301
20	20	18	18	16	16	16	16	16	15	15	15	15	14	14	14	14	13
13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14
192	190	187	187	185	182	181	178	174	171	167	164	165	165	166	166	167	167
82	82	83	83	83	84	84	83	83	82	82	81	80	80	79	79	78	78
93	90	87	85	82	81	87	93	99	105	106	110	110	108	106	104	102	100
11	12	12	13	13	14	14	16	16	18	20	22	21	20	19	18	17	16
30	29	28	27	26	25	25	25	25	25	25	26	26	27	27	27	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	30
5665	5640	5631	5698	5834	5883	5963	6040	6105	6085	6058	6033	6044	5977	5966	5930	5939	5888
1460	1400	1280	1040	830	1620	2890	3920	3800	3840	3920	3980	3920	2420	2110	2150	2100	1670
7125	7040	6911	6738	6664	7503	8853	9960	9905	9925	9978	10013	9964	8397	8076	8080	8039	7556

ALS

CHART 5 A

G STORAGE

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
3106	3106	3082	3094	3082	3070	3082	3082	3082	3082	3082	3082	3082	3082	3082	94225
13	13	14	13	12	11	10	9	9	9	9	8	8	13	13	314
10	10	10	10	10	10	12	12	12	12	12	12	12	15	15	385
567	555	559	566	569	560	587	595	567	584	578	580	579	578	576	16942
184	188	188	188	191	192	192	192	193	193	194	194	194	196	196	5652
30	30	30	30	30	30	27	27	27	25	25	22	22	20	23	948
22	22	22	22	22	22	20	20	20	20	20	20	20	18	18	606
36	36	36	36	34	34	34	34	32	34	33	33	32	34	34	1055
256	249	249	249	227	227	235	235	235	253	253	253	264	278	278	7546
15	15	15	15	15	15	18	18	18	18	18	18	18	18	21	480
78	76	76	75	74	74	73	73	73	73	70	70	70	70	68	2279
30	30	30	30	30	30	30	30	30	28	26	24	22	20	19	837
170	175	178	174	167	157	147	147	149	151	153	155	158	158	160	4951
36	36	39	36	34	32	30	28	26	30	34	36	40	42	46	983
88	90	92	90	88	85	81	78	75	75	75	75	75	75	78	2350
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	1696
496	482	480	474	476	474	456	466	440	444	444	444	444	444	462	14938
42	42	40	40	40	40	40	40	40	40	40	40	40	40	40	1288
65	61	50	60	63	73	49	48	38	38	50	57	53	50	44	1797
327	327	327	327	301	301	301	301	301	291	297	301	301	301	327	9593
15	15	15	15	14	14	14	14	13	13	13	16	16	19	19	547
14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	417
171	167	164	165	165	166	166	167	167	167	165	164	162	161	161	5498
82	82	81	80	80	79	79	78	78	77	77	76	76	75	75	2496
105	106	110	110	108	106	104	102	100	98	98	96	94	92	90	3010
18	20	22	21	20	19	18	17	16	15	15	16	16	17	18	511
25	25	26	26	27	27	27	28	28	29	29	28	27	26	25	804
29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	906
6085	6058	6033	6044	5977	5966	5930	5939	5888	5897	5906	5918	5923	5940	5966	183054
3640	3920	3980	3920	2420	2110	2150	2100	1670	1680	1620	1190	1050	974	818	59241
9925	9978	10013	9964	8397	8076	8080	8039	7558	7577	7528	7108	6973	6914	6804	242295

DISCHARGE IN SECOND FEET OF
BY DAYS DURING THE IRRIGATION SEASON

NAME OF CANAL	JUNE													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW YORK CANAL	3082	2931	2962	2966	2966	2966	2966	2966	3076	3076	3076	3076	3076	3076
PENITENTIARY	13	10	10	8	8	8	5	5	5	5	5	5	4	8
BURB (SOUTH BOISE)	15	15	15	15	15	15	14	14	14	14	14	14	14	17
RIDENBAUGH	591	590	596	594	599	593	598	598	588	591	591	598	594	591
SETTLERS	196	196	196	196	196	196	195	195	195	196	195	197	197	197
THURMAN MILL	26	29	32	35	39	42	46	46	46	46	46	46	46	45
CRUZEN (CONSUMERS)	18	18	20	20	20	20	23	23	23	23	23	23	23	23
BOISE CITY	34	35	35	35	35	35	35	38	35	35	35	34	34	34
FARMERS UNION & B.V.	278	278	278	278	278	278	279	279	269	265	265	265	265	265
NEW UNION	21	21	21	21	21	21	21	21	21	21	21	21	21	21
NEW DRY CREEK	74	74	76	76	76	76	71	77	76	71	71	73	71	73
BALLANTINE	19	20	22	24	26	27	27	27	27	27	27	27	27	27
MIDDLETON CANALS	165	170	175	180	185	187	184	182	180	180	178	178	176	172
LITTLE PIONEER	46	46	46	46	46	48	48	48	48	48	48	48	49	49
CANYON COUNTY	80	84	88	92	95	97	94	90	86	82	78	74	70	70
EAGLE ISLAND CANALS	54	54	54	54	54	54	54	54	54	55	55	55	55	55
PHYLLIS	466	494	492	492	490	485	485	489	487	487	491	493	494	492
EUREKA #1	40	40	40	40	40	43	43	43	43	43	43	43	42	42
CALDWELL HIGH LINE	42	61	50	50	54	54	52	49	54	55	57	67	55	50
SEBREE (FARMERS CO-OP)	327	327	327	344	364	364	364	344	300	370	370	370	364	364
CAMPBELL	25	25	25	23	23	21	21	18	22	26	30	34	38	40
STEBENBERG	13	12	11	10	9	8	7	6	6	6	6	6	6	6
RIVERSIDE #2	160	160	159	159	158	158	157	156	156	155	155	154	154	153
PIONEER DIXIE	74	74	75	75	76	76	77	77	76	75	74	73	72	72
EUREKA #2	89	93	97	101	105	109	113	117	117	117	116	116	115	115
UPPER CENTER POINT	19	19	19	19	19	19	19	17	17	17	18	18	19	19
LOWER CENTER POINT	24	24	23	22	21	20	19	18	18	19	19	20	21	22
MISCELLANEOUS	30	30	30	30	30	30	30	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	6021	5930	5974	6005	6048	6050	6047	6026	6148	6134	6136	6157	6131	6127
RIVER AT NOTUS	718	652	575	530	812	968	968	1030	1400	1420	1420	920	848	812
TOTALS	6739	6582	6549	6535	6860	7018	7015	7056	7548	7554	7556	7077	6979	6939

DISCHARGE IN SECOND FEET OF MISSISSIPPI VALLEY CANALS

BY DATE DURING THE IRRIGATION SEASON OF 1920, FOLLOWING STORAGE

JUNE

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
376	3076	3076	3076	3076	3076	3076	3088	3088	3088	3088	3088	3088	3088	3106	3106	3106	3106
5	5	5	5	4	6	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	17	17	17	17	17	17	17	17	12	12	12	12	12
586	591	591	591	594	591	603	596	597	586	596	590	585	596	595	603	603	611
195	196	195	197	197	197	198	198	197	199	195	198	200	199	197	197	195	195
46	46	46	46	46	45	44	42	40	41	39	37	35	35	35	35	35	35
23	23	23	23	23	23	23	23	23	23	23	23	20	20	20	20	20	20
35	35	35	34	34	34	34	33	34	35	33	33	34	34	33	31	34	33
269	265	265	265	265	265	265	273	273	276	275	276	276	276	276	276	276	276
21	21	21	21	21	21	21	21	21	21	21	21	19	19	19	19	19	19
76	71	71	73	71	73	76	74	74	74	73	68	70	68	60	79	82	86
27	27	27	27	27	27	27	27	27	27	27	27	24	24	24	24	24	24
180	180	175	178	176	172	169	162	155	148	141	134	136	142	146	150	154	158
48	48	48	48	49	49	49	49	51	51	51	53	53	53	53	53	53	53
86	82	78	74	70	70	70	70	69	69	68	67	73	79	85	91	97	103
54	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
487	487	491	493	494	492	490	490	504	494	494	495	499	497	499	511	513	511
43	43	43	43	42	42	42	42	42	42	42	41	41	41	41	41	41	41
54	55	57	67	55	50	52	57	59	50	53	49	44	47	44	47	37	34
300	370	370	370	364	364	368	369	369	369	374	374	363	363	360	366	410	428
22	26	30	34	38	40	40	40	37	35	33	31	29	27	27	29	29	31
6	6	6	6	6	6	5	8	11	14	17	20	21	22	20	19	19	17
156	155	155	154	154	153	152	152	151	151	151	151	151	152	152	151	150	149
76	75	74	73	72	72	71	71	73	75	77	79	81	82	82	82	83	83
117	117	116	116	115	115	114	113	112	111	111	110	110	109	109	110	110	111
17	17	18	18	19	19	20	20	20	20	22	22	22	24	24	24	24	25
18	19	19	20	21	22	23	23	23	23	23	23	23	23	24	25	26	27
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
6140	6134	6136	6157	6131	6127	6143	6195	6164	6136	6144	6124	6108	6129	6160	6215	6250	6299
1400	1420	1420	920	948	612	878	701	1000	1000	618	430	398	372	290	178	135	174
7540	7554	7556	7577	6979	6939	7521	6856	7224	7166	6762	6754	6506	6501	6450	6393	6385	6463

ALS

CHART 5 B

NO STORAGE

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
0088	3088	3088	3088	3088	3088	3106	3106	3106	3106	3059	3102	3106	2994		91638
13	13	13	13	13	13	13	13	13	13	13	13	13	13		304
17	17	17	17	12	12	12	12	12	12	12	18	18	18		445
597	586	596	590	585	596	595	600	603	611	612	613	606	605		17906
197	199	198	198	200	199	197	197	195	195	193	192	195	189		5883
40	41	39	37	35	35	35	35	35	35	35	38	38	38		1172
23	23	23	23	20	20	20	20	20	20	20	23	23	23		647
34	35	33	33	34	34	33	31	34	33	33	32	32	32		1019
273	276	275	276	276	276	276	276	278	278	278	281	276	267		8220
21	21	21	21	19	19	19	19	19	19	19	16	16	16		601
74	74	73	68	70	68	60	79	82	88	85	87	85	83		2261
27	27	27	27	24	24	24	24	24	24	24	24	24	24		756
155	148	141	134	138	142	146	150	154	158	162	160	158	156		4925
51	51	51	53	53	53	53	53	53	53	55	55	55	53		1504
69	69	68	67	73	79	85	91	97	103	106	104	102	100		2533
55	55	55	55	55	55	55	55	55	55	55	55	55	55		1641
504	494	494	495	499	497	499	511	513	511	511	511	509	505		14870
42	42	42	41	41	41	41	41	41	41	43	43	43	43		1254
59	50	53	49	44	47	44	47	37	34	32	36	48	48		1487
369	369	374	374	363	363	380	386	410	428	410	404	412	416		11174
37	35	33	31	29	27	27	29	29	31	33	33	35	35		895
11	14	17	20	21	22	20	19	18	17	16	15	14	14		363
151	151	151	151	151	152	152	151	150	149	148	148	146	146		4595
73	75	77	79	81	82	82	82	83	83	84	84	85	85		2323
112	111	111	110	110	109	109	110	110	111	111	112	113	112		3298
20	20	22	22	22	24	24	24	24	25	25	25	26	26		627
23	23	23	23	23	23	24	25	26	27	28	29	30	30		693
29	29	29	29	29	29	29	29	29	29	29	29	29	29		877
6164	6136	6144	6124	6108	6129	6160	6215	6250	6289	6231	6282	6292	6155		183911
1060	1030	618	430	398	372	290	178	135	174	290	286	254	246		20413
7224	7166	6762	6954	6506	6501	6450	6393	6385	6463	6521	6568	6546	6401		204324

DISCHARGE IN SECOND FEET OF BO
BY DAYS DURING THE IRRIGATION SEASON OF 1

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	3018	3006	3012	3012	3009	3006	3004	3004	3002	3008	3008	3075	3062	3064	3064
PENITENTIARY	13	13	12	9	9	7	5	5	5	5	4	4	5	6	6
BURB (SOUTH BOISE)	18	18	18	18	18	18	18	18	18	18	18	16	16	16	16
RIDENBAUGH	597	605	611	603	603	603	603	601	605	606	606	589	613	607	607
SETTLERS	196	197	196	196	195	197	198	200	201	202	205	48	183	188	188
THURMAN MILL	38	40	40	40	42	42	42	42	42	42	42	42	42	42	42
CRUZEN (CONSUMERS)	23	23	23	23	24	24	24	24	24	24	24	23	23	23	23
BOISE CITY	34	34	34	34	34	33	33	32	32	32	31	30	30	29	29
FARMERS UNION & B.V.	265	259	257	255	253	252	251	250	240	239	240	240	240	240	240
NEW UNION	18	18	18	18	21	21	21	21	21	21	21	18	18	18	18
NEW DRY CREEK	76	78	78	76	76	76	74	79	71	70	77	77	82	80	80
BALLANTINE	19	19	19	19	19	19	21	21	23	25	28	28	26	24	24
MIDDLETON CANALS	154	154	152	152	151	149	149	146	146	144	143	141	141	141	141
LITTLE PIONEER	53	50	50	50	49	49	49	49	49	49	0	51	51	51	51
CANYON COUNTY	98	94	90	86	82	78	78	80	82	84	86	86	86	86	86
EAGLE ISLAND CANALS	54	54	54	54	54	54	54	54	54	55	55	55	55	55	55
PHYLLIS	501	503	501	499	493	507	497	487	477	469	467	462	466	462	454
EUREKA #1	43	43	43	43	45	45	45	45	45	45	43	40	40	38	38
CALDWELL HIGH LINE	50	46	46	48	53	50	47	44	43	42	42	47	47	52	47
SEBREE (FARMERS CO-OP)	404	404	404	410	414	410	410	410	410	410	432	432	432	432	432
CAMPBELL	32	32	30	28	28	26	26	26	26	26	26	26	24	24	24
STEDENBERG	14	14	14	14	14	14	14	14	14	13	13	13	12	12	12
RIVERSIDE #2	146	147	146	145	144	143	147	151	155	159	161	165	168	168	167
PIONEER DIXIE	84	83	82	81	80	79	79	79	79	79	79	79	80	80	80
EUREKA #2	110	108	106	104	102	100	98	96	94	92	90	88	86	89	92
UPPER CENTER POINT	26	26	26	26	26	25	24	23	22	21	20	18	17	17	18
LOWER CENTER POINT	29	29	29	29	29	29	29	30	30	31	31	32	30	28	28
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	6142	6126	6120	6101	6096	6085	6159	6150	6119	6120	6101	5955	6124	6101	6106
RIVER AT NOTUS	188	117	130	171	238	222	93	65	70	64	74	74	76	82	99
TOTALS	6330	6243	6250	6272	6334	6307	6252	6215	6189	6184	6175	6029	6200	6183	6205

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1960, INCLUDING STORAGE

JULY

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
3082	3088	3088	3076	3082	3064	3067	3064	3059	3039	2914	2914	2971	2969	2980	2971	2974	2974
5	5	4	4	5	6	8	8	8	9	12	12	12	12	12	12	5	5
18	18	18	16	16	16	16	16	16	16	16	16	16	16	16	16	16	14
605	606	606	589	613	607	605	599	597	606	601	600	595	595	596	594	591	584
201	202	205	48	183	188	189	190	191	192	193	193	193	193	193	193	193	193
42	42	42	42	42	42	42	42	42	42	45	45	45	45	40	40	40	38
24	24	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	22
32	32	31	30	30	29	29	28	28	31	31	30	30	30	30	29	29	28
240	239	240	240	240	240	240	240	240	240	235	235	235	235	235	235	236	238
21	21	21	18	18	18	18	18	18	18	16	16	16	16	16	16	16	14
71	70	77	77	82	80	87	87	82	82	72	70	72	76	70	65	65	63
23	25	28	28	26	24	24	24	24	24	24	24	23	23	23	23	23	23
146	144	143	141	141	141	140	140	140	139	139	139	139	139	139	139	139	135
49	49	0	51	51	51	51	51	51	50	50	50	50	50	50	50	50	48
82	84	86	86	86	86	89	89	89	91	91	90	90	88	88	87	85	85
54	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
477	469	467	462	466	462	456	454	448	463	455	447	455	447	439	435	430	450
45	45	43	40	40	38	38	36	36	35	35	35	35	35	35	35	36	36
43	42	42	47	47	52	49	46	42	46	50	52	52	44	41	47	43	43
410	410	432	432	432	432	432	432	409	432	432	432	426	404	398	398	380	327
26	26	26	26	24	24	24	24	24	24	24	20	20	20	20	20	21	21
14	13	13	13	12	12	12	12	12	12	12	12	11	11	11	11	11	11
155	159	161	165	168	168	167	167	165	166	165	165	165	162	160	158	156	154
79	79	79	79	80	80	80	79	79	78	78	77	75	73	69	65	61	57
94	92	90	88	86	89	92	95	98	101	104	106	105	104	103	102	100	99
22	21	20	18	17	17	18	19	20	21	22	23	21	20	19	18	17	16
30	31	31	32	30	28	26	24	22	20	18	16	20	24	28	32	35	37
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	30	30
6119	6120	6101	5955	6124	6101	6106	6091	6048	6084	5941	5926	5979	5938	5918	5898	5860	5800
70	64	74	74	76	82	99	130	168	230	234	242	268	372	362	367	416	475
6189	6184	6175	6029	6200	6183	6205	6221	6216	6314	6175	6168	6247	6310	6280	6265	6276	6275

ING STORAGE

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
3059	3039	2914	2914	2971	2969	2980	2971	2974	2974	2983	2983	2986	2986	2971	93536
8	9	12	12	12	12	12	12	5	5	5	5	5	4	0	236
16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	506
597	606	601	600	595	595	596	594	591	584	588	568	595	578	579	18523
191	192	193	193	193	193	193	193	193	193	193	193	187	187	187	5855
42	42	45	45	45	45	40	40	40	38	36	34	32	31	30	1247
23	23	23	23	23	23	23	23	23	22	22	20	20	18	18	702
28	31	31	30	30	30	30	29	29	28	30	30	31	32	35	963
240	240	235	235	235	235	235	235	236	238	231	231	231	231	231	7480
18	18	16	16	16	16	16	16	16	14	14	14	14	14	14	541
82	82	72	70	72	76	70	65	65	63	66	66	62	60	25	2240
24	24	24	24	23	23	23	23	23	23	20	20	15	15	15	677
140	139	139	139	139	139	139	139	139	135	132	129	126	123	120	4360
51	50	50	50	50	50	50	50	50	48	45	41	37	33	29	1436
89	91	91	90	90	88	88	87	85	85	85	83	83	83	83	2675
5	55	55	55	55	55	55	55	55	55	55	55	55	55	55	1696
4	448	463	455	447	455	447	439	435	430	450	452	394	396	414	14229
5	36	35	35	35	35	35	35	36	36	34	34	32	32	32	1194
6	42	46	50	52	52	44	41	43	43	41	41	54	41	41	1430
2	409	432	432	432	426	404	398	380	327	327	380	386	380	374	12563
4	24	24	24	20	20	20	20	21	21	21	21	21	21	21	747
2	12	12	12	11	11	11	11	11	11	11	11	11	11	11	382
17	166	166	165	165	165	162	160	156	154	152	150	148	146	145	4837
19	79	78	78	77	75	73	69	61	57	53	56	59	62	65	2289
25	98	101	104	106	105	104	103	100	99	97	97	95	93	91	3045
19	20	21	22	23	21	20	19	17	16	14	14	14	14	15	622
24	22	20	18	16	20	24	28	35	37	40	39	38	37	36	907
29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	906
01	6048	6084	5941	5926	5979	5938	5918	5860	5800	5791	5753	5777	5745	5670	185824
30	168	230	234	242	268	372	362	416	475	460	495	416	380	800	7568
21	6216	6314	6175	6168	6247	6310	6280	6276	6275	6241	6248	6193	6125	6470	193392

DISCHARGE IN SECOND FEET OF BOISE

BY DAYS DURING THE IRRIGATION SEASON OF 1915

AUGUST

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2971	2861	2856	2765	2763	2769	2769	2769	2769	2769	2786	2774	2763	2769	2769
PENITENTIARY	0	0	2	2	2	2	2	3	3	3	3	3	3	3	3
BUBB (SOUTH BOISE)	14	11	11	11	11	11	11	11	7	7	7	7	7	7	7
RIDENBAUGH	463	417	432	503	523	583	532	538	549	548	574	519	541	530	530
SETTLERS	153	153	149	155	159	166	170	174	173	173	173	171	171	173	173
THURMAN MILL	29	27	27	27	27	30	30	30	33	33	34	34	35	35	35
CRUZEN (CONSUMERS)	17	15	15	15	18	18	18	20	21	20	20	20	20	20	20
BOISE CITY	33	24	24	24	30	30	29	29	29	29	29	29	29	29	29
FARMERS UNION & B.V.	211	203	203	203	203	204	204	211	217	222	222	222	222	222	222
NEW UNION	16	16	16	16	16	16	16	16	16	16	16	14	14	14	14
NEW DRY CREEK	25	55	49	46	48	45	46	50	54	58	68	72	72	72	72
BALLANTINE	15	17	17	17	17	19	19	22	22	22	22	22	22	22	22
MIDDLETON CANALS	117	114	112	110	106	104	100	99	102	105	108	111	115	113	113
LITTLE PIONEER	25	25	27	27	30	30	30	33	36	39	42	45	48	50	50
CANYON COUNTY	81	80	80	78	78	76	76	74	74	74	74	76	76	76	76
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHYLLIS	367	347	296	341	338	335	332	307	371	367	363	401	415	410	410
EUREKA #1	31	30	30	29	29	28	28	27	27	28	28	29	29	30	30
CALDWELL HIGH LINE	67	50	50	42	42	37	37	49	49	42	22	37	38	38	38
SEBREE (FARMERS CO-OP)	279	259	259	279	311	311	311	343	357	364	392	335	386	392	392
CAMPBELL	23	26	29	29	29	29	29	32	32	32	32	32	31	31	31
SIEBENBERG	11	11	10	10	10	10	10	10	10	12	12	12	11	10	10
RIVERSIDE #2	143	141	139	138	136	132	128	124	120	115	115	114	114	114	114
PIONEER DIXIE	68	71	74	74	74	74	74	74	74	75	75	76	76	76	76
EUREKA #2	88	85	82	78	75	72	70	69	68	67	73	79	85	91	91
UPPER CENTER POINT	15	16	17	18	19	20	21	22	23	24	23	22	20	19	19
LOWER CENTER POINT	34	32	31	31	31	31	31	31	31	32	31	31	30	30	30
MISCELLANEOUS	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5381	5171	5124	5153	5210	5269	5208	5259	5351	5360	5428	5371	5457	5465	5444
RIVER AT NOTUS	1280	1440	1160	872	712	613	385	300	165	130	177	106	115	178	15
TOTALS	6661	6611	6284	6025	5922	5882	5593	5559	5516	5490	5605	5477	5572	5643	5644

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1960, INCLUDING STORAGE

AUGUST

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
2769	2769	2769	2786	2774	2763	2769	2763	2763	2774	2769	2687	2685	2696	2690	2690	2690	2752
3	3	3	3	3	3	3	6	8	8	7	11	12	12	12	12	12	12
11	7	7	7	7	7	7	7	11	11	11	11	11	11	11	12	12	12
538	549	548	574	519	541	530	528	530	533	538	542	539	536	544	532	527	524
174	173	173	173	171	171	173	171	170	171	171	173	173	177	178	178	177	176
30	33	33	34	34	35	35	36	37	37	37	37	37	37	37	36	34	33
20	21	20	20	20	20	20	20	18	18	18	18	18	18	18	19	19	19
29	29	29	29	29	29	29	29	31	31	31	31	31	31	31	32	32	32
211	217	222	222	222	222	222	208	218	218	218	218	223	223	223	221	216	216
16	16	16	16	14	14	14	14	14	14	14	14	14	16	16	16	16	16
58	54	58	68	72	72	72	62	64	62	62	57	60	65	66	70	66	66
22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	17
99	102	105	106	111	115	118	120	123	126	129	132	135	137	139	139	136	136
33	36	39	42	45	48	50	52	52	50	50	48	48	46	44	42	40	38
74	74	74	74	76	76	76	78	78	78	78	78	78	78	80	80	80	80
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	54	54	54
307	371	367	363	401	415	410	413	417	421	425	429	433	437	437	397	413	393
27	27	28	28	29	29	30	31	31	31	31	31	31	31	33	33	33	33
49	49	42	22	37	38	38	39	42	35	38	37	38	42	45	40	40	36
343	357	364	392	335	386	392	392	392	374	372	372	392	372	392	372	365	350
32	32	32	32	32	31	31	31	31	31	29	27	25	23	21	19	17	17
10	10	12	12	12	11	10	9	8	7	7	7	8	8	8	8	9	9
124	120	115	115	114	114	114	113	113	111	114	117	120	123	126	130	134	134
74	74	75	75	76	76	76	77	77	78	77	76	75	74	73	72	71	71
69	68	67	73	79	85	91	97	103	106	106	108	108	110	110	110	111	111
22	23	24	23	22	20	19	18	16	15	15	15	15	15	15	15	14	14
31	31	32	31	31	30	30	29	29	28	28	28	28	28	28	28	26	24
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
5259	5351	5360	5428	5371	5457	5465	5449	5482	5474	5479	5408	5441	5450	5481	5406	5393	5404
300	165	130	177	106	115	178	196	230	268	286	272	230	230	281	390	495	580
5589	5516	5490	5605	5477	5572	5643	5645	5712	5742	5765	5680	5671	5680	5762	5796	5888	5984

CHART 5-D

18	19	20	21	22	23	24	25	26	27	28	29	30	31	
69	2687	2685	2696	2690	2690	2690	2752	2752	2752	2752	2752	2758	2752	85632
7	11	12	12	12	12	12	12	12	12	12	10	10	10	209
11	11	11	11	11	12	12	12	12	12	12	12	12	12	325
38	542	539	536	544	532	527	524	520	515	515	514	507	515	16211
71	173	173	177	178	178	177	176	174	171	171	171	171	171	5259
37	37	37	37	37	36	34	33	32	31	30	28	26	25	1001
18	18	18	18	18	19	19	19	19	19	19	19	19	19	574
31	31	31	31	31	32	32	32	32	32	32	32	32	32	931
218	218	223	223	223	221	216	216	216	213	214	214	214	216	6658
14	14	14	16	16	16	16	16	14	14	14	14	14	14	466
62	57	60	65	66	70	66	66	57	57	55	57	54	57	1805
20	20	20	20	20	20	20	17	17	17	17	17	17	17	600
129	132	135	137	139	139	136	136	134	134	132	130	129	129	3761
50	48	48	46	44	42	40	38	36	34	32	30	30	29	1188
78	78	78	78	80	80	80	80	80	78	78	78	78	75	2406
55	55	55	55	55	54	54	54	54	54	54	54	54	54	1696
425	429	433	437	437	397	413	393	391	390	370	368	369	369	11862
31	31	31	31	33	33	33	33	33	33	33	33	31	31	946
38	37	38	42	45	40	40	36	36	37	37	40	40	40	1262
372	372	392	372	392	372	365	350	343	343	293	293	293	293	10581
29	27	25	23	21	19	17	17	21	25	29	34	34	34	864
7	7	8	8	8	8	9	9	10	10	11	11	12	12	303
114	117	120	123	126	130	134	134	133	131	128	126	124	121	3871
77	76	75	74	73	72	71	71	71	71	72	72	72	73	2287
106	108	108	110	110	110	111	111	110	108	105	103	101	99	2888
15	15	15	15	15	15	14	14	14	14	14	14	14	14	530
28	28	28	28	28	28	26	24	22	20	19	18	17	16	853
29	29	29	29	29	29	29	29	29	29	29	29	29	29	906
5479	5408	5441	5450	5481	5406	5393	5404	5374	5356	5279	5273	5261	5258	165875
286	272	230	230	281	390	495	580	591	591	570	624	591	570	14628
5765	5680	5671	5680	5762	5796	5888	5984	5965	5947	5849	5897	5852	5828	180503

DISCHARGE IN SECOND FEET OF BOIS
BY DAYS DURING THE IRRIGATION SEASON OF 1

SEPTEMBER

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2786	2791	2797	2786	2786	2786	2786	2746	2746	2692	2656	2629	2629	2635	2629
PENITENTIARY	9	8	8	5	5	5	3	3	3	3	3	4	4	4	4
BUBB (SOUTH BOISE)	12	12	12	12	12	11	11	11	11	11	11	11	9	9	9
RIDENBAUGH	516	511	506	479	432	375	410	405	393	385	400	380	398	407	401
SETTLERS	171	167	167	128	133	126	113	105	104	104	103	102	102	102	96
THURMAN MILL	24	23	22	21	20	19	19	19	19	19	19	19	19	19	19
CRUZEN (CONSUMERS)	19	19	19	19	19	17	17	17	17	17	17	17	17	17	17
BOISE CITY	33	33	33	0	25	25	26	26	26	26	26	26	26	26	26
FARMERS UNION & B.V.	220	220	220	190	190	174	174	174	179	180	185	182	182	182	182
NEW UNION	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12
NEW DRY CREEK	62	70	65	55	54	58	58	58	48	49	49	49	54	54	57
BALLANTINE	17	17	17	17	17	17	17	17	17	17	17	17	12	12	12
MIDDLETON CANALS	129	130	130	132	132	134	135	134	133	132	131	130	130	128	126
LITTLE PIONEER	28	26	24	22	20	18	16	16	16	16	16	16	16	16	21
CANYON COUNTY	72	70	66	62	58	54	52	52	52	52	52	53	53	53	53
EAGLE ISLAND CANALS	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
PHYLLIS	365	361	356	351	331	297	295	260	259	257	253	252	252	252	252
EUREKA #1	30	28	28	28	26	26	26	24	24	24	24	24	24	24	24
CALDWELL HIGH LINE	40	40	40	38	38	39	39	39	39	39	38	39	39	42	42
SEBREE (FARMERS CO-OP)	295	295	297	297	299	299	299	277	277	277	265	309	309	309	265
CAMPBELL	31	31	31	29	27	25	23	21	21	21	21	21	23	25	25
STEBENBERG	13	13	13	14	14	14	14	15	15	12	12	12	8	8	8
RIVERSIDE #2	120	119	117	116	115	114	117	121	119	117	113	110	102	102	98
PIONEER DIXIE	73	73	73	73	73	73	69	64	64	66	66	69	73	73	73
EUREKA #2	97	95	93	91	89	87	85	83	83	83	83	83	83	83	83
UPPER CENTER POINT	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12
LOWER CENTER POINT	15	14	13	12	11	10	9	8	8	8	8	8	8	12	12
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5287	5276	5257	5087	5036	4913	4923	4804	4782	4714	4675	4669	4679	4701	4647
RIVER AT NOTUS	530	520	500	646	896	902	836	778	712	657	591	575	535	550	570
TOTALS	5817	5796	5757	5733	5932	5815	5759	5582	5494	5371	5266	5244	5214	5251	5217

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1960, INCLUDING STORAGE

SEPTEMBER

	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
46	2746	2692	2656	2629	2629	2635	2629	2618	2588	2578	2578	2551	2557	2567	2567	2509	2513
3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	11	11	11	11	9	9	9	9	9	9	9	9	7	7	7	7	7
05	393	385	400	380	398	407	407	407	396	406	386	383	392	377	389	381	385
05	104	104	103	102	102	102	96	96	96	96	96	96	96	96	96	90	90
19	19	19	19	19	19	19	19	19	19	19	19	19	15	15	15	15	15
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
74	179	180	185	182	182	182	182	182	172	168	168	167	167	167	141	141	141
14	14	12	12	12	12	12	12	9	9	9	9	9	9	9	9	9	9
58	48	49	49	49	54	54	57	46	45	45	45	45	45	45	44	39	39
17	17	17	17	17	12	12	12	12	12	12	12	12	12	12	12	12	12
134	133	132	131	130	130	128	126	124	122	120	118	118	118	118	108	101	93
16	16	16	16	16	16	16	21	21	21	21	21	21	23	23	23	23	23
52	52	52	52	53	53	53	53	53	53	53	53	56	56	66	66	63	63
54	54	54	54	54	54	54	54	49	49	49	44	44	44	41	41	41	41
260	259	257	253	252	252	252	252	252	252	252	240	240	242	242	242	242	242
24	24	24	24	24	24	24	24	24	24	24	24	24	22	22	22	22	22
39	39	39	38	39	39	42	42	41	39	37	35	35	34	34	33	30	30
277	277	277	265	309	309	309	265	255	255	265	265	265	265	265	265	265	265
21	21	21	21	21	23	25	25	27	27	29	29	33	33	33	29	29	29
15	15	12	12	12	8	8	8	8	8	8	8	6	6	6	6	6	6
121	119	117	113	110	102	102	98	102	102	100	100	102	102	98	98	98	98
64	64	66	66	69	73	73	73	69	69	67	67	65	65	69	69	69	69
83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	80	80
12	12	12	12	12	12	12	12	14	14	14	14	14	14	14	14	14	14
8	8	8	8	8	8	12	12	14	14	16	16	20	20	20	20	20	20
29	29	29	29	29	29	29	29	24	24	24	21	21	19	19	19	19	19
4804	4762	4714	4675	4669	4679	4701	4647	4605	4549	4553	4507	4485	4493	4495	4465	4372	4372
778	712	657	591	575	535	550	570	596	570	545	545	535	510	495	485	480	460
5582	5494	5371	5266	5244	5214	5251	5217	5201	5119	5098	5052	5020	5003	4900	4950	4852	4832

CANALS

CHART 5 E

LOADING STORAGE

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	2588	2578	2578	2551	2557	2567	2567	2509	2513	2493	2473	2474	2498	2495		78939
	4	4	4	4	4	4	4	4	4	4	4	4	4	1		128
	9	9	9	9	7	7	7	7	7	7	7	7	7	7		279
	396	408	386	383	392	377	389	381	385	388	401	391	388	394		12270
	96	96	96	96	96	96	96	90	90	90	90	90	90	90		3221
	19	19	19	19	15	15	15	15	15	15	15	15	15	15		545
	17	17	17	17	17	17	17	17	17	17	17	17	17	17		520
	26	26	26	26	26	26	26	26	26	26	26	26	25	26		772
	172	168	168	167	167	167	141	141	141	141	139	148	148	148		5172
	9	9	9	9	9	9	9	9	9	9	9	9	9	9		333
5	45	45	45	45	45	45	44	39	39	48	52	39	46	39		1502
2	12	12	12	12	12	12	12	12	12	12	12	12	12	12		420
4	122	120	118	118	118	118	108	101	93	77	93	104	104	104		3588
1	21	21	21	21	23	23	23	23	23	24	24	25	25	25		630
3	53	53	53	56	56	66	66	63	63	53	53	53	53	53		1701
19	49	49	44	44	44	41	41	41	41	41	41	41	41	41		1458
32	252	252	240	240	242	242	242	242	242	242	242	242	244	244		8053
24	24	24	24	24	22	22	22	22	22	22	22	22	20	20		720
41	39	37	35	35	34	34	33	30	30	30	31	31	32	32		1095
55	255	265	265	265	265	265	265	265	265	277	277	277	265	265		8360
27	27	29	29	33	33	33	29	29	29	29	32	32	32	32		830
8	8	8	8	6	6	6	6	6	6	6	6	6	6	6		283
102	102	100	100	102	102	98	98	98	98	98	101	101	101	101		3202
69	69	67	67	65	65	69	69	69	69	69	69	69	69	69		2078
83	83	83	83	83	83	83	83	80	80	80	80	80	80	80		2525
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		397
14	14	16	16	20	20	20	20	20	20	25	25	25	25	25		461
24	24	24	21	21	19	19	19	19	19	19	19	19	19	19		739
605	4549	4553	4507	4485	4493	4495	4465	4372	4372	4356	4374	4373	4389	4383		140221
596	570	545	545	535	510	495	485	480	460	445	408	376	372	394		17014
201	5119	5098	5052	5020	5003	4990	4950	4852	4832	4801	4782	4749	4761	4777		157235

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1960

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
NEW YORK CANAL	114498	186450	183276	187072	171264	157878	1002438
PENITENTIARY	14	628	608	472	418	256	2396
DUBB	298	770	890	1012	650	558	4178
RIDENBAUGH	15290	33884	35812	37046	32422	24540	178994
SETTLERS	3652	11304	11766	11710	10518	6442	55392
THURMAN MILL	532	1896	2344	2494	2002	1090	10358
CRUZEN	400	1212	1294	1404	1148	1040	6498
BOISE CITY	498	2110	2038	1926	1862	1544	9978
FARMERS UNION	6188	12152	13324	12098	10472	7744	61978
BOISE VALLEY	1624	2940	3116	2862	2844	2600	15986
NEW UNION	336	960	1202	1062	932	666	5178
NEW LRY CREEK	1058	4598	4522	4480	3610	3004	21232
DALLANTINE	708	1674	1512	1354	1200	840	7288
WIDDETON CANALS	5026	9902	9850	8720	7522	7176	48196
LITTLE PIONEER		1966	3008	2872	2376	1260	11482
CANYON COUNTY	790	4700	5066	5350	4812	3402	24120
EAGLE ISLAND CANALS	1760	3392	3282	3392	3392	2916	18134
PHYLLIS	14286	29876	29740	28458	23724	16106	142170
EUREKA #1	1014	2576	2508	2388	1892	1440	11818
CALDWELL HIGH LINE	2052	3594	2974	2860	2524	2190	16194
BEERCE	9516	19186	22348	25126	21162	16720	114058
CAMPBELL	436	1094	1790	1494	1728	1660	8202
STEDENBERG	242	834	726	764	606	566	3738
RIVERSIDE	5062	10996	9190	9674	7742	6404	49968
PIONEER DIXIE	1554	4992	4646	4578	4574	4156	24500
EUREKA #2	2612	6020	6596	6090	5776	5050	32144
UPPER CENTER POINT	440	1022	1254	1244	1060	794	5814
LOWER CENTER POINT	322	1608	1386	1814	1706	922	7758
MISCELLANEOUS	928	1812	1754	1812	1812	1478	9596
TOTALS	192016	366108	367822	371648	331750	280442	1909786

BOISE RIVER CANAL DIVERSION

	1950	1951	1952	1953	1954	1955	1956	BEGINNING 1950 1957	1958
BOARD OF CONTROL	820502	856926	863356	839026	845306	791210	975666	876902	
PENITENTIARY	2642	2766	2732	2386	2778	2488	2332	2194	
BURE	4310	4566	3890	4368	5404	4182	4702	3672	
RIDENBAUGH	166250	173836	171742	176828	192608	156426	178580	177682	
SETTLERS	52044	53446	52510	49936	55290	48292	54972	47776	
THURMAN MILL	10402	10500	9644	8880	8788	8688	9352	9546	
CONSUMERS WATER CO.	6828	5562	6756	6260	7876	6854	7352	6182	
BOISE CITY	9512	10412	9328	9254	10114	9022	9864	9320	
FARMERS UNION	51276	58274	46696	47750	52309	48161	63250	52426	
CAPITAL VIEW IRR. DIST.	2556	2554	2470	2198	2196	1876	2132	1932	
BOISE VALLEY	18420	13068	19404	22920	23821	19189	15016	14310	
NEW UNION	4218	5224	4180	4534	5938	4252	5304	4438	
NEW LRY CREEK	19120	19954	16782	19298	20136	16204	19662	18536	
BALLANTINE	5346	5328	5242	5858	6838	5404	6074	5402	
MIDDLETON WATER CO.	29866	32773	31067	32089	33263	23701	29800	29618	
MIDDLETON MILL DITCH	19924	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	25984	21860	25896	24178	
7 EAGLE ISLAND CANALS	15244	15400	16744	16256	16006	13672	16802	17110	
PHYLLIS CANAL	116662	113870	114114	103862	118430	108846	117634	106828	
EUREKA WATER COMPANY	9654	10300	9682	9864	10938	9910	10024	10498	
CALDWELL HIGH LINE	14068	14906	18830	15824	19310	15394	20508	17852	
FARMERS CO-OP	93470	102484	107814	105596	119806	106758	111420	99744	
CAMPBELL (CANYON)	5596	6406	6168	6102	6400	6102	6234	6342	
SIEBENEERG	2926	3120	3272	3528	3930	3294	3774	2124	
RIVERSIDE	68812	69594	68458	63526	69950	67474	66284	58990	
PIONEER DIXIE	18388	21046	21098	18876	24476	23952	23852	20014	
EUREKA NO. 2	25752	25668	24708	27754	29656	25960	29688	28278	
UPPER CENTER POINT	5824	5994	5970	7088	6930	5144	5782	5952	
LOWER CENTER POINT	5736	5920	5790	6208	6534	5984	6806	6906	
MISCELLANEOUS	8344	8432	8592	8676	8556	7164	8930	9324	
TOTAL SUMMER DIVERSIONS APRIL 1 TO SEPTEMBER 30	1644296	1714424	1708250	1681518	1874314	1608802	1875836	1707194	1748
NEW YORK CANAL DIVERSIONS OCTOBER 1 TO MARCH 31	137978	133610	104267	154382	147710	103968	136968	96478	105
IRRIGATION REQUIREMENTS BELOW DIVERSION DAM DURING OCTOBER	6726	33224	15098	19962	21910	22198	20160	17026	33
TOTAL	1789002	1881258	1827655	1855862	2043934	1734963	2034966	1820698	1887
SUMMER RETURN FLOW	400206	471172	494974	480208	508274	396138	469220	462564	4548
AMOUNT OF NATURAL FLOW USED	1388796	1410086	1332681	1375654	1535660	1338825	1565746	1358134	14321

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

	BEGINNING 1950					
	1955	1956	1957	1958	1959	1960
6	791210	979666	876902	906822	866558	1002438
8	2488	2332	2194	2154	2214	2396
4	4182	4702	3672	3674	3896	4178
8	186426	178580	177682	168762	172700	178994
0	48292	54972	47776	50362	53044	55392
8	8688	9352	9546	9086	10176	10358
8	6184	7352	6182	5580	5926	6498
4	9022	9864	9320	9420	9462	9978
0	48161	63250	52426	55554	57346	59836
8	1876	2132	1932	2044	2156	2142
11	19189	15016	14310	14634	16522	15986
38	4252	5304	4438	5050	4964	5178
38	18204	19662	18536	19808	21036	21232
38	5404	6074	5402	5688	5940	7288
83	23701	29800	29618	30399	26840	27954
75	18623	21580	21448	22013	19436	20242
76	10706	12564	12480	12984	14792	11482
88	21860	25898	24178	24296	24086	24120
06	13672	16802	17110	17792	18028	18134
30	108846	117634	106828	111464	118504	142170
38	9910	10024	10498	12996	10896	11818
110	15394	20508	17852	17140	15062	16194
06	106798	111420	99744	104940	110006	114058
00	6102	6234	6342	6928	7894	8202
30	3294	3774	2124	3002	3324	3738
50	67474	66284	58990	50254	48252	49968
76	23952	23852	20014	23602	24432	24500
76	29960	29688	28278	29664	31816	32144
30	5144	5782	5952	5960	6474	5814
34	5984	6806	6006	6662	7708	7758
56	7164	8930	9324	9674	9534	9596
114	1608802	1875836	1707194	1748408	1729024	1909786
710	103968	138968	96478	105508	96046	138466
610	22198	20160	17026	33088	20580	00
934	1734963	2034966	1620698	1887004	1845650	2048252
274	396138	469220	462564	454864	458458	500232
660	1338825	1565746	1358134	1432140	1387192	1548020

TRIBUTARY AND RETURN FLOW TO BA
IRRIGATION SEASON OF 19

NAME OF TRIBUTARY	APRIL															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRAINAGE DISTRICT #3	9	9	9	9	9	9	11	11	11	11	13	13	13	15	15	15
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
THURMAN DRAIN	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	15
BOISE SEWER	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9
EAGLE DRAIN	16	16	16	16	15	15	15	15	14	14	14	14	13	13	13	15
SOUTH MIDDLETON DRAIN	20	20	20	22	24	26	26	27	27	29	31	33	33	33	33	31
NORTH MIDDLETON DRAIN	12	12	12	12	12	12	15	17	17	19	21	27	27	25	23	21
HARTLEY DRAIN	8	8	8	8	8	8	9	9	9	9	10	10	10	10	10	10
PHYLLIS WASTE	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
MASON CREEK	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
WILLOW CREEK	3	3	3	3	3	3	3	5	7	9	13	18	23	23	26	29
MASON DRAIN	41	41	42	43	45	46	47	48	49	50	51	53	54	55	56	57
INDIAN CREEK	140	140	140	140	138	138	136	132	128	124	116	113	113	101	92	84
HARTLEY GULCH	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
FIVE MILE CREEK	23	25	27	29	30	30	31	31	32	32	33	34	35	38	41	44
TOTALS	308	310	313	318	320	323	329	331	331	334	341	354	360	354	350	351
NAME OF TRIBUTARY	MAY															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRAINAGE DISTRICT #3	21	21	21	21	21	22	22	22	22	22	22	23	23	23	23	23
DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
THURMAN DRAIN	15	16	17	18	19	20	20	20	20	20	21	21	21	21	21	21
BOISE SEWER	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
EAGLE DRAIN	42	42	42	46	46	48	50	52	54	56	58	60	62	64	66	69
SOUTH MIDDLETON DRAIN	79	84	90	114	128	142	143	144	145	146	147	148	149	150	152	154
NORTH MIDDLETON DRAIN	40	44	48	52	56	59	59	59	59	59	58	58	58	58	58	57
HARTLEY DRAIN	33	35	35	42	54	65	60	55	50	45	40	42	44	46	48	50
PHYLLIS WASTE	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9
MASON CREEK	21	24	26	28	30	30	30	30	30	30	25	25	25	25	25	20
WILLOW CREEK	20	22	24	25	26	27	27	27	27	27	27	30	30	30	30	30
MASON DRAIN	121	135	150	162	179	182	185	188	191	194	197	200	203	206	209	212
INDIAN CREEK	184	186	192	202	240	260	257	253	246	239	232	225	228	231	234	237
HARTLEY GULCH	17	17	17	22	29	33	29	25	21	17	13	11	11	12	12	14
FIVE MILE CREEK	119	124	130	134	139	142	145	148	152	154	156	158	160	162	164	168
TOTALS	733	771	813	887	988	1051	1048	1044	1038	1030	1017	1019	1036	1050	1064	1087

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1960

APRIL

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
11	13	13	13	15	15	15	17	17	17	17	19	19	19	21	21	21	21	21	21	21
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	12	12	12	12	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
14	14	14	13	13	13	15	15	17	18	20	22	24	26	28	32	34	36	38	38	38
29	31	33	33	33	33	31	28	26	24	26	28	30	30	30	30	38	46	54	67	71
19	21	27	27	25	23	21	19	16	13	13	15	15	17	18	18	22	24	26	28	32
9	10	10	10	10	10	10	11	11	11	11	14	18	22	26	28	28	28	31	31	33
6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8
6	6	6	6	6	6	7	7	7	9	9	9	12	12	12	15	15	15	18	18	18
9	13	18	23	23	26	29	32	35	35	35	35	30	26	22	18	18	18	18	18	18
50	51	53	54	55	56	57	58	59	64	69	73	75	78	81	84	87	93	99	109	115
124	116	113	113	101	92	94	76	76	76	84	102	124	126	128	130	132	134	138	152	184
2	2	2	2	4	4	4	4	4	4	6	8	11	13	15	15	15	16	16	16	16
32	33	34	35	38	41	44	47	51	55	59	63	67	71	75	79	81	85	89	94	99
334	341	354	360	354	350	351	348	353	360	383	423	460	475	491	505	526	551	583	627	680

MAY

22	22	23	23	23	23	23	23	23	22	22	22	22	22	21	21	21	21	21	21	21
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	21	21	21	21	21	21	21	22	22	22	22	22	22	22	23	23	23	23	23	23
10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11
56	58	60	62	64	66	69	68	68	68	67	67	67	66	66	65	65	64	64	63	63
146	147	148	149	150	152	154	154	156	158	160	160	162	164	164	166	168	165	160	155	150
59	58	58	58	58	58	57	57	57	57	57	56	56	56	56	56	55	56	57	58	59
45	40	42	44	46	48	50	52	54	56	58	60	62	64	66	67	67	67	67	67	67
8	8	8	9	9	9	9	9	9	10	10	10	10	10	10	11	11	11	9	9	8
30	25	25	25	25	25	20	20	20	20	20	15	15	15	15	11	11	11	11	9	9
27	27	27	30	30	30	30	30	33	33	33	35	35	35	38	38	40	38	36	34	32
194	197	200	203	206	209	212	215	218	221	224	224	228	228	231	233	230	227	222	218	210
239	232	225	228	231	234	237	240	243	246	249	252	255	258	258	260	262	253	246	239	232
17	13	11	11	12	12	14	16	18	20	20	22	24	26	28	30	30	30	30	28	28
154	156	158	160	162	164	166	168	170	172	174	176	178	180	182	185	182	180	180	178	173
1030	1017	1019	1036	1050	1064	1075	1087	1105	1119	1130	1135	1150	1160	1171	1180	1179	1160	1140	1116	1089

19	20	21	22	23	24	25	26	27	28	29	30	31	
17	17	19	19	19	21	21	21	21	21	21	21		454
3	3	3	3	3	3	3	3	3	3	3	3		60
15	15	15	15	15	15	15	15	15	15	15	15		405
9	9	9	9	9	9	9	9	9	9	9	9		262
18	20	22	24	26	28	32	34	36	38	38	38		620
24	26	28	30	30	30	30	38	46	54	67	71		963
13	13	15	15	17	18	18	22	24	26	28	32		560
11	11	14	18	22	26	28	28	28	31	31	33		447
7	7	8	8	8	8	8	8	8	8	8	8		210
9	9	9	12	12	12	15	15	15	18	18	18		273
35	35	35	30	26	22	18	18	18	18	18	18		532
64	69	73	75	78	81	84	87	93	99	109	115		1922
76	84	102	124	126	128	130	132	134	138	152	184		3637
4	6	8	11	13	15	15	15	16	16	16	16		197
55	59	63	67	71	75	79	81	85	89	94	99		1530
360	383	423	460	475	491	505	526	551	583	627	680		12092
22	22	22	22	22	21	21	21	21	21	21	21	21	676
3	3	3	3	3	3	3	3	3	3	3	3	3	93
22	22	22	22	22	22	23	23	23	23	23	23	23	647
11	11	11	11	11	11	11	11	11	11	11	11	11	325
68	67	67	67	66	66	65	65	64	64	63	63	62	1840
158	160	160	162	164	164	166	168	165	160	155	150	145	4502
57	57	56	56	56	56	56	55	56	57	58	59	60	1735
56	58	60	62	64	66	67	67	67	67	67	67	67	1685
10	10	10	10	10	10	11	11	11	9	9	8	7	276
20	20	15	15	15	15	11	11	11	11	9	9	9	635
33	33	35	35	35	38	38	40	38	36	34	32	30	946
221	224	224	228	228	231	233	230	227	222	218	210	205	6248
246	249	252	255	258	258	260	262	253	246	239	232	225	7364
20	20	22	24	26	28	30	30	30	30	28	28	28	678
172	174	176	178	180	182	185	182	180	180	178	173	169	5000
1119	1130	1135	1150	1160	1171	1180	1179	1160	1140	1116	1089	1065	32650

TRIBUTARY AND RETURN FLOW TO
IRRIGATION SEASON OF

NAME OF TRIBUTARY	JUNE															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRAINAGE DISTRICT #3	20	20	20	20	20	20	20	22	22	22	24	24	24	24	24	24
DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
THURMAN DRAIN	23	23	24	24	24	25	25	25	24	24	24	24	23	23	23	23
BOISE SEWER	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12
EAGLE DRAIN	62	62	60	60	60	60	58	58	58	58	58	58	56	57	58	60
SOUTH MIDDLETON DRAIN	140	135	130	125	120	115	110	109	108	107	106	105	104	103	103	103
NORTH MIDDLETON DRAIN	62	63	64	65	66	67	68	67	66	65	64	63	63	62	60	58
HARTLEY DRAIN	70	70	70	70	70	70	73	73	73	73	73	70	70	70	70	70
PHYLLIS WASTE	8	8	9	10	10	11	11	11	11	11	11	11	11	12	12	12
MASON CREEK	7	7	7	7	7	6	6	8	8	10	10	10	11	11	11	9
WILLOW CREEK	28	26	24	22	20	20	18	18	18	18	18	18	18	18	18	18
MASON DRAIN	200	195	190	185	180	175	173	171	169	167	165	163	160	162	162	164
INDIAN CREEK	218	223	228	233	238	242	246	249	248	248	246	246	244	244	243	246
HARTLEY GULCH	26	26	26	26	26	26	24	24	24	22	22	20	20	18	18	16
FIVE MILE CREEK	165	161	157	153	149	145	140	136	130	124	118	114	110	110	110	110
TOTALS	1043	1033	1023	1014	1005	997	987	986	974	964	954	941	929	929	927	928
NAME OF TRIBUTARY	JULY															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRAINAGE DISTRICT #3	21	21	21	21	21	21	21	21	21	23	23	23	23	23	23	23
DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
THURMAN DRAIN	19	19	19	18	18	18	17	17	17	17	16	16	17	17	18	18
BOISE SEWER	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13
EAGLE DRAIN	70	68	66	64	62	60	60	59	59	59	58	58	59	59	60	60
SOUTH MIDDLETON DRAIN	98	96	96	94	94	92	92	90	90	88	88	87	88	90	92	94
NORTH MIDDLETON DRAIN	43	43	43	42	41	40	39	38	37	36	35	34	34	36	36	38
HARTLEY DRAIN	60	60	58	58	58	56	56	56	54	54	54	52	52	52	54	54
PHYLLIS WASTE	11	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9
MASON CREEK	6	6	6	6	6	6	6	6	6	6	7	9	9	11	11	14
WILLOW CREEK	15	15	15	15	15	15	15	15	15	15	15	18	18	18	18	20
MASON DRAIN	166	166	164	164	162	162	160	160	158	158	156	162	168	174	180	186
INDIAN CREEK	251	251	251	251	251	253	253	253	253	253	253	253	256	256	256	256
HARTLEY GULCH	10	10	10	10	10	10	10	10	10	10	10	7	7	7	7	7
FIVE MILE CREEK	72	72	72	70	70	70	68	68	68	68	66	72	78	84	90	102
TOTALS	857	852	846	838	833	827	821	818	813	812	806	816	834	852	868	906

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1960

JUNE

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
24	24	24	24	24	24	23	23	23	22	22	22	22	22	21	21	21	21	21	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
24	23	23	23	23	23	22	22	22	22	22	21	21	21	21	20	20	20	20	
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
58	56	57	58	60	62	62	64	64	66	68	69	70	72	72	74	73	72	72	
105	104	103	103	103	102	102	102	102	100	100	100	100	100	100	100	99	99	99	
63	63	62	60	58	56	54	53	52	51	50	49	48	47	46	45	44	44	44	
70	70	70	70	70	68	68	68	68	66	66	66	64	64	64	62	62	62	60	
11	11	12	12	12	12	12	12	13	13	13	13	12	12	12	12	11	11	11	
10	11	11	11	9	9	7	7	6	6	6	6	6	6	6	6	6	6	6	
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	15	15	15	
163	160	162	162	164	166	168	170	172	172	172	172	170	170	170	168	168	168	166	
246	244	244	243	246	248	250	252	254	256	258	257	256	255	254	253	252	251	251	
20	20	18	18	16	16	14	14	14	12	12	12	12	12	12	12	12	12	12	
114	110	110	110	110	110	110	110	109	103	97	91	85	80	77	75	75	75	75	
941	929	929	927	928	929	925	930	932	922	919	911	899	894	888	881	873	871	867	

JULY

23	23	23	23	23	23	22	22	22	22	22	22	22	23	23	23	23	23	23	23
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	17	17	18	18	19	19	20	22	22	22	23	23	24	24	24	24	24	24	24
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
58	59	59	60	60	60	61	61	62	62	63	63	64	64	65	65	66	66	67	67
87	88	90	92	94	96	98	100	102	104	106	108	110	112	112	113	115	118	121	124
34	34	36	36	38	38	40	40	40	42	44	46	48	48	50	52	56	58	60	64
52	52	52	52	54	54	54	54	56	56	56	58	58	58	60	60	60	60	60	60
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9	9	11	11	14	14	16	18	18	20	22	22	24	25	25	25	23	23	22	22
18	18	18	18	18	20	20	20	20	20	22	22	22	22	25	30	32	34	36	40
162	168	174	180	186	192	194	196	198	200	203	205	208	210	220	230	240	250	260	270
253	256	256	256	256	256	254	254	254	254	250	250	250	250	250	248	252	266	280	294
7	7	7	7	7	7	7	7	7	7	7	7	7	7	10	13	16	19	22	25
72	78	84	90	96	102	104	104	104	104	104	104	104	104	115	126	137	148	159	169
816	834	852	868	889	906	914	921	930	938	946	955	965	972	1004	1034	1069	1114	1159	1207

19	20	21	22	23	24	25	26	27	28	29	30	31	
23	23	22	22	22	22	22	21	21	21	21	21		658
3	3	3	3	3	3	3	3	3	3	3	3		90
22	22	22	22	21	21	21	21	20	20	20	20		678
12	12	12	12	12	12	12	12	12	12	12	12		356
64	64	66	68	69	70	72	72	74	73	72	72		1903
102	102	100	100	100	100	100	100	100	99	99	99		3228
53	52	51	50	49	48	47	46	45	44	44	44		1706
68	68	66	66	66	64	64	64	62	62	62	60		2043
12	13	13	13	13	12	12	12	12	11	11	11		338
7	6	6	6	6	6	6	6	6	6	6	6		224
18	18	18	18	18	18	18	18	18	15	15	15		563
170	172	172	172	172	170	170	170	168	168	168	166		5153
252	254	256	258	257	256	255	254	253	252	251	251		7369
14	14	12	12	12	12	12	12	12	12	12	12		542
110	109	103	97	91	85	80	77	75	75	75	75		3404
930	932	922	919	911	899	894	888	881	873	871	867		28275
22	22	22	22	22	22	23	23	23	23	23	23	23	686
3	3	3	3	3	3	3	3	3	3	3	3	3	93
20	22	22	22	23	23	24	24	24	24	24	24	24	619
13	13	13	13	13	13	13	13	13	13	13	13	13	396
61	62	62	63	63	64	64	65	65	66	66	67	67	1937
100	102	104	106	106	110	112	112	113	115	118	121	124	3108
40	40	42	44	46	48	48	50	52	56	58	60	64	1341
54	56	56	56	58	58	58	60	60	60	60	60	60	1750
9	9	9	9	9	9	9	9	9	9	9	9	9	285
18	18	20	22	22	24	25	25	25	23	23	22	22	440
20	20	20	22	22	22	22	25	30	32	34	36	40	640
196	198	200	203	205	208	210	220	230	240	250	260	270	5922
254	254	254	250	250	250	250	250	248	252	266	280	294	7912
7	7	7	7	7	7	7	10	13	16	19	22	25	313
104	104	104	104	104	104	104	115	126	137	148	159	169	2972
921	930	938	946	955	965	972	1004	1034	1069	1114	1159	1207	28416

TRIBUTARY AND RETURN FLOW TO B
IRRIGATION SEASON OF 19

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	AUGUST																
DRAINAGE DISTRICT #3	22	22	22	22	22	22	23	23	23	23	22	22	22	20	20	20	20
DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
THURMAN DRAIN	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
BOISE SEWER	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
EAGLE DRAIN	67	68	67	66	65	64	63	62	61	60	59	58	57	55	54	53	52
SOUTH MIDDLETON DRAIN	128	132	134	130	126	123	120	118	114	110	106	102	98	94	90	88	86
NORTH MIDDLETON DRAIN	66	68	70	66	62	58	54	50	46	42	38	34	30	26	22	20	18
HARTLEY DRAIN	60	60	58	58	58	58	58	58	58	60	60	60	60	60	63	66	69
PHYLLIS WASTE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
MASON CREEK	20	18	16	14	12	10	10	9	9	9	9	9	9	9	9	9	9
WILLOW CREEK	44	46	48	46	44	42	40	38	38	35	32	29	26	23	20	17	15
MASON DRAIN	277	254	231	208	185	162	150	139	139	143	147	151	154	158	162	166	170
INDIAN CREEK	308	322	337	323	309	295	281	267	260	255	258	261	264	267	270	270	272
HARTLEY GULCH	28	28	30	30	28	26	26	24	24	22	20	18	16	14	13	13	13
FIVE MILE CREEK	171	156	141	126	111	96	88	80	80	80	82	82	84	84	86	86	88
TOTALS	1241	1224	1204	1139	1072	1006	963	918	902	889	883	876	870	860	859	859	874
	SEPTEMBER																
DRAINAGE DISTRICT #3	21	21	21	21	21	21	21	21	21	21	20	20	20	20	19	19	19
DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
THURMAN DRAIN	24	24	24	24	24	24	24	24	24	24	22	22	22	22	22	22	22
BOISE SEWER	14	14	14	13	13	13	12	12	12	12	11	11	11	11	11	11	11
EAGLE DRAIN	53	53	53	53	53	53	53	52	52	52	50	50	50	50	50	48	48
SOUTH MIDDLETON DRAIN	116	118	120	122	124	126	128	125	122	119	116	113	110	107	104	101	98
NORTH MIDDLETON DRAIN	56	58	60	62	64	66	70	68	66	64	62	60	58	56	54	52	50
HARTLEY DRAIN	78	76	74	72	70	68	66	64	62	60	58	56	54	52	50	48	46
PHYLLIS WASTE	11	11	11	11	11	11	12	12	12	12	12	12	12	12	11	11	11
MASON CREEK	12	12	12	12	12	12	12	15	15	15	15	15	15	15	15	15	15
WILLOW CREEK	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
MASON DRAIN	199	200	201	202	203	204	205	206	206	204	202	200	198	196	194	192	190
INDIAN CREEK	324	326	329	331	333	335	337	339	335	330	327	324	320	317	315	312	310
HARTLEY GULCH	21	21	20	20	19	19	19	18	18	18	17	17	17	16	16	16	15
FIVE MILE CREEK	121	123	124	126	128	130	133	133	133	133	133	133	133	133	133	130	130
TOTALS	1076	1083	1089	1095	1101	1108	1118	1115	1104	1090	1071	1059	1046	1033	1020	1003	991

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRIGATION SEASON OF 1960

AUGUST

	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1																				
2	22	22	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
9	58	57	55	54	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
6	102	98	94	90	88	88	88	90	92	94	96	98	100	102	104	106	108	110	112	114
8	34	30	26	22	20	22	24	28	32	34	36	38	40	42	44	46	48	50	52	54
50	60	60	60	63	66	69	72	75	78	80	80	82	84	84	84	84	82	82	82	80
10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11
9	9	9	9	9	9	9	9	9	9	9	7	7	7	7	9	9	9	12	12	12
32	29	26	23	20	17	19	21	22	23	24	25	26	27	25	25	25	25	25	25	25
47	151	154	158	162	166	170	174	178	182	186	190	190	191	192	193	194	195	196	197	198
58	261	264	267	270	270	272	277	282	287	292	297	302	304	306	308	310	313	316	319	321
20	18	16	14	13	13	13	15	18	18	20	22	22	25	25	24	24	23	23	22	22
82	82	84	84	86	86	88	88	90	90	90	92	95	98	100	103	106	109	111	115	118
333	876	870	860	859	859	874	892	916	935	954	971	986	1002	1009	1020	1030	1038	1051	1062	1070

SEPTEMBER

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
20	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20	20	20
11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10
50	50	50	50	50	48	48	48	48	48	45	45	45	45	45	42	42	42	42	40	40
116	113	110	107	104	101	98	95	92	88	84	81	78	75	72	69	66	63	60	57	57
62	60	58	56	54	52	50	48	46	44	42	40	38	36	34	32	30	29	29	29	29
58	56	54	52	50	48	46	44	42	40	38	36	34	34	32	30	30	30	29	29	29
12	12	12	12	11	11	11	11	11	10	10	10	10	10	10	10	10	9	9	9	9
15	15	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	5	5	5	5
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
202	200	198	196	194	192	190	190	188	186	184	182	180	178	176	174	172	170	168	166	166
327	324	320	317	315	312	310	307	305	302	298	296	294	292	290	289	286	284	282	280	280
17	17	17	16	16	16	15	15	15	14	14	14	13	13	13	12	12	12	11	11	11
133	133	133	133	133	130	130	130	127	127	125	125	123	123	123	120	120	117	115	113	113
1071	1099	1046	1033	1020	1003	991	976	962	948	928	917	903	894	882	865	853	836	825	814	814

18	19	20	21	22	23	24	25	26	27	28	29	30	31	
20	20	20	20	21	21	21	21	21	21	21	21	21	21	660
3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
24	24	24	24	24	24	24	24	24	24	24	24	24	24	744
14	14	14	14	14	14	14	14	14	14	14	14	14	14	419
53	53	53	53	53	53	53	53	53	53	53	53	53	53	1774
88	90	92	94	96	98	100	102	104	106	108	110	112	114	3315
24	28	32	34	36	38	40	42	44	46	48	50	52	54	1342
72	75	78	80	82	84	86	88	90	92	94	96	98	100	2153
10	10	10	11	11	11	11	11	11	11	11	11	11	11	321
9	9	9	9	7	7	7	7	9	9	9	12	12	12	317
21	22	23	24	25	26	27	28	29	30	31	32	33	34	930
174	178	182	186	190	194	198	202	206	210	214	218	222	226	5652
277	282	287	292	297	302	307	312	317	322	327	332	337	342	9053
15	18	18	20	22	22	25	25	24	24	23	23	22	22	676
88	90	90	90	92	95	98	100	103	106	109	111	115	118	3126
892	916	935	954	971	986	1002	1009	1020	1030	1038	1051	1062	1070	30575
19	19	19	19	19	19	19	19	19	19	19	19	19	19	594
3	3	3	3	3	3	3	3	3	3	3	3	3	3	90
22	22	22	22	22	22	22	22	20	20	20	20	20	20	670
11	11	11	11	11	11	11	11	10	10	10	10	10	10	343
48	48	48	48	45	45	45	45	45	42	42	42	42	40	1450
95	92	88	84	81	78	75	72	69	66	63	60	57		2949
48	46	44	42	40	38	36	34	32	30	29	29	29		1503
44	42	40	38	36	34	34	32	32	30	30	29	29		1504
11	11	11	10	10	10	10	10	10	10	9	9	9		325
10	10	10	10	10	10	10	10	10	10	5	5	5		349
23	23	23	23	23	23	23	23	23	23	23	23	23		690
190	188	186	184	182	180	178	176	174	172	170	168	166		5716
307	305	302	298	296	294	292	290	289	286	284	282	280		9349
15	15	14	14	14	13	13	13	12	12	12	11	11		476
130	127	127	125	125	123	123	123	120	120	117	115	113		3797
976	962	948	928	917	903	894	882	865	853	836	825	814		29805

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 9

CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)

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

IRRIGATION SEASON 1960

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
BOISE RIVER AT DIVERSION DAM	263184	368000	320988	305050	267406	227940	1752658
DELIVERIES TO CANALS	297392	484590	406548	386784	361006	314470	2252890
TRIBUTARY GAIN	24184	65300	56550	56832	61150	59610	323626
SEEPAGE GAIN	10024	51200	31110	24902	32450	26920	176606
NET GAIN	34208	116500	87660	81734	93600	86530	500232

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	4386	5937	5350	4920	4313	3799
DELIVERIES TO CANALS	4956	7616	6811	6238	5823	5241
TRIBUTARY GAIN	403	1053	943	917	986	993
SEEPAGE GAIN	167	826	518	401	524	449
NET GAIN	570	1879	1461	1318	1510	1442

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN - BY MONTHS IN ACRE FEET

SECTION 1

1960

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT DIVERSION DAM	309050	267406	227940	800396
X DELIVERIES TO CANALS	321980	289220	245464	856664
TRIBUTARY GAIN	7466	7380	6294	21140
SEEPAGE GAIN	9464	14434	11230	35128
NET GAIN	16930	21614	17524	56268

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	4920	4313	3799
X DELIVERIES TO CANALS	5193	4665	4091
TRIBUTARY GAIN	120	119	105
SEEPAGE GAIN	153	233	187
NET GAIN	273	352	292

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

1960

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT CALDWELL HIGH LINE	1116	1824	1294	4234
X DELIVERIES TO CANALS	65920	73610	70300	209830
TRIBUTARY GAIN	49366	53770	53316	156452
SEEPAGE GAIN	15438	18016	15690	49144
NET GAIN	64804	71786	69006	205596

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

	18	29	22
BOISE RIVER AT CALDWELL HIGH LINE			
X DELIVERIES TO CANALS	1063	1187	1172
TRIBUTARY GAIN	796	867	889
SEEPAGE GAIN	249	291	261
NET GAIN	1045	1158	1150

X INCLUDES BOISE RIVER AT NOTUS

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 12

BOARD OF CONTROL (NEW YORK)

NEW YORK IRRIG. DIST.	17,826	
BOISE-KINA 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	20,747	"
PENITENTIARY	112	"
HUBB (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	689	"
NEW DRY CREEK	3,059	"
BALLANTINE	763	"
MIDDLETON WATER	5,180	"
MIDDLETON MILL	4,400	"
LITTLE PIONEER	1,206	"
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	150	"
GRAHAM & WILBERT	220	"
SEVEN SUCKERS	58	"
PIONEER IRRIG. DIST.	24,362	"
EUREKA WATER CO.	1,800	"
CALDWELL HIGH LINE	13,980	"
FARMERS CO-OP DITCH CO.	15,500	"
CANYON DITCH CO.	802	"
STEDENBERG	646	"
RIVERSIDE IRRIG. DIST.	10,645	"
PIONEER DIXIE	2,030	"
EUREKA DITCH CO.	2,625	"
UPPER CENTER POINT	641	"
LOWER CENTER POINT	180	"
BOWMAN & SWISHER	424	"
WYMON	538	"
HAAS	750	"
ISLAND HIGH LINE	945	"
LARSON, DAXTER, LEMP	200	"
BOONE	517	"
ANDREWS	1,068	"
PARMA DITCH CO.	562	"
O'DONNELL	120	"
MACE & MACE	80	"

TOTAL 321,405 "

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

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

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

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 12

BOARD OF CONTROL (NEW YORK)

NEW YORK IRRIG. DIST.	17,826	
BOISE-KINA IRRIG. DIST.	48,660	
NAMPA & MERIDIAN IRRIG. DIST.	40,265	
WILEY 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	"
MEEVES	90	"
ROSSI MILL	500	"
MANVILLE-LEONARD	159	"
DAVIS & LITTLE DAVIS	634	"
SETTLERS	12,282	"
THURMAN MILL	1,799	"
CRUZEN (CONSUMERS)	2,800	"
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	496	"
HART & DAVIS	453	"
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 DIXIE	2,030	"
EUREKA DITCH CO.	2,525	"
UPPER CENTER POINT	641	"
LOWER CENTER POINT	890	"
BOWMAN & SWISHER	424	"
MAIMON	538	"
HAAS	750	"
ISLAND HIGH LINE	945	"
LARSON, CARTER, LEMP	200	"
BOONE	517	"
ANDREWS	1,068	"
PAPPA 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	795	"
MORELAND & VIAL (DIXIE DRAIN)	640	"
	8,299	
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).

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

TABLE SHOWING ACRE FEET PER ACRE DIVERTED

NAME OF CANAL	ACRES	FOR EACH IRRIGATION SEASON										
	IRRIGATED	1947	1948	1949	1950	1951	1952	1953	1954	1955	ACRES IRRIGATED	1956
BOARD OF CONTROL	164,332	4.70	4.42	4.90	5.83	5.21	5.25	5.11	5.75	4.81	164,024	5.91
PENITENTIARY	427	6.57	5.78	7.84	6.19	6.48	6.40	5.52	6.50	5.80	321	7.26
BUBB (SOUTH BOISE)	1,057	4.92	3.87	4.05	4.08	4.34	3.68	4.13	5.20	3.96	1,057	4.45
RIDENBAUGH	26,747	5.88	4.93	5.83	6.22	6.50	6.42	6.61	7.21	6.22	26,747	6.58
SETTLERS	12,300	4.01	3.55	4.29	4.23	4.35	4.27	4.06	4.50	3.93	12,302	4.48
THURMAN MILL	1,799	5.81	5.36	4.84	5.78	5.84	5.36	4.94	4.88	4.03	1,799	5.20
CONSUMERS	2,500	2.63	2.25	2.79	2.73	2.22	2.70	2.50	3.15	2.75	2,603	2.82
BOISE CITY	1,828	5.14	3.33	4.95	5.22	5.70	5.10	5.06	5.53	4.94	1,828	5.40
FARMERS UNION	8,900	4.57	3.68	5.15	6.05	6.10	5.52	5.61	6.12	5.62	8,900	6.54
BOISE VALLEY	2,729	6.18	5.57	6.93	6.75	7.18	7.11	8.40	6.73	7.03	2,729	6.12
NEW UNION	688	6.36	5.50	5.71	6.13	7.99	6.08	6.59	8.63	6.18	688	7.71
NEW DRY CREEK	3,059	6.14	5.05	6.45	6.25	6.52	5.19	6.31	6.58	5.95	3,059	6.43
GALLANTINE	763	6.50	5.87	6.29	7.01	6.98	6.87	7.68	8.96	7.08	763	7.96
MIDDLETON IRRIG. ASSOC.	5,640	4.09	3.81	5.48	5.30	5.81	5.51	5.69	5.90	4.20	5,182	5.75
MIDDLETON MILL	4,400	4.18	4.46	4.69	4.53	4.97	4.71	4.86	5.04	4.23	4,400	4.93
LITTLE PIONEER	1,286	8.23	6.40	7.64	8.80	8.51	9.06	8.60	9.54	8.33	1,286	9.77
CANYON COUNTY	4,007	5.40	4.53	4.76	5.81	5.81	6.08	5.98	6.48	5.46	4,007	6.46
EAGLE ISLAND CANALS	2,637	5.21	4.95	5.56	5.78	5.84	6.35	6.16	6.07	5.18	2,637	6.37
PHYLLIS	23,500	4.56	4.21	4.78	4.96	4.85	4.86	4.42	5.04	4.63	24,362	4.82
EUREKA WATER	1,666	5.70	4.80	5.39	5.79	6.18	5.81	5.92	6.56	5.95	1,600	5.57
* CALDWELL HIGH LINE	3,960	4.13	3.31	3.59	3.55	3.76	3.37	4.00	4.88	3.99	3,960	5.18
FARMERS CO-OP	15,897	5.36	5.00	5.22	5.88	6.45	6.78	6.67	7.54	6.72	15,500	7.19
CANYON (CAMPBELL)	802	6.79	5.54	6.27	6.98	7.99	7.69	7.61	7.98	7.61	802	7.77
SIEGENBERG	646	4.40	4.39	4.47	4.53	4.83	5.07	5.46	6.08	5.10	646	5.84
RIVERSIDE	10,645	4.74	5.50	5.11	6.09	6.54	6.43	5.97	6.57	6.34	10,645	6.23
PIONEER DIXIE	2,030	8.09	6.39	9.13	9.06	10.37	10.39	9.30	12.06	11.60	2,030	11.75
EUREKA #2	2,670	8.88	7.76	8.45	9.64	9.81	9.25	10.39	11.11	9.72	2,625	11.31
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
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
MISCELLANEOUS	1,444	5.37	5.08	5.72	5.78	5.84	5.95	6.01	5.93	4.95	1,444	6.18
TOTALS	309,880	4.92	4.56	5.09	5.75	5.53	5.51	5.43	6.05	5.19	310,447	6.04

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
1	5.25	5.11	5.75	4.81	164824	5.94	5.32	5.50	5.26	6.08
8	6.40	5.52	6.50	5.80	321	7.26	6.83	6.71	6.89	7.46
1	3.48	4.13	5.20	3.96	1057	4.45	3.51	3.48	3.68	3.95
0	6.42	6.61	7.21	6.22	26747	6.58	6.58	6.31	6.46	6.69
5	4.27	4.06	4.50	3.93	12282	4.48	3.89	4.10	4.32	4.51
4	5.36	4.94	4.88	4.83	1799	5.20	5.31	5.05	5.66	5.76
2	2.70	2.50	3.15	2.75	2603	2.82	2.47	2.14	2.28	2.50
0	5.10	5.06	5.53	4.94	1828	5.40	5.10	5.15	5.18	5.46
0	5.52	5.61	6.12	5.62	8900	6.54	5.34	5.69	5.90	6.11
8	7.11	8.40	8.73	7.03	2729	8.12	7.74	7.92	8.94	8.65
9	6.08	6.59	8.63	6.18	688	7.71	6.45	7.34	7.21	7.53
2	5.49	6.31	6.58	5.95	3059	6.43	6.06	6.48	6.88	6.94
8	6.87	7.68	8.96	7.08	763	7.96	7.08	7.45	7.78	9.55
81	5.51	5.69	5.90	4.20	5182	5.75	5.72	5.87	5.18	5.39
77	4.71	4.86	5.04	4.23	4400	4.90	4.97	5.00	4.42	4.50
51	9.06	8.50	9.54	8.33	1286	9.77	9.70	10.10	11.50	8.93
81	6.08	5.98	6.48	5.46	4007	6.46	6.03	6.06	6.01	6.02
84	6.35	6.16	6.07	5.18	2637	6.37	6.49	6.75	6.84	6.88
85	4.86	4.42	5.04	4.63	24362	4.82	4.39	4.58	4.86	5.83
18	5.81	5.92	6.56	5.95	1800	5.57	5.83	7.22	6.05	6.56
76	3.37	4.00	4.88	3.89	3960	5.18	4.51	4.33	3.80	4.09
45	6.78	6.67	7.54	6.72	15500	7.19	6.44	6.77	7.10	7.36
99	7.69	7.61	7.98	7.61	802	7.77	7.91	8.64	9.84	10.22
83	5.07	5.46	6.08	5.10	646	5.94	3.29	4.65	5.14	5.78
54	6.43	5.97	6.57	6.34	10645	6.23	5.54	4.72	4.53	4.69
37	10.39	9.30	12.06	11.60	2030	11.75	9.86	11.63	12.03	12.07
61	9.25	10.39	11.11	9.72	2625	11.31	10.83	11.30	12.12	12.24
35	9.31	11.06	10.81	8.02	641	9.02	9.28	9.30	10.09	9.07
73	6.57	7.05	7.43	6.80	880	7.73	6.83	7.57	8.75	8.92
84	5.95	6.01	5.93	4.95	1444	6.18	6.46	6.70	6.60	6.55
53	5.51	5.43	6.05	5.19	310447	6.04	5.50	5.63	5.57	6.15

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

TOTAL MONTHLY FLOW IN ACRE FEET AND AVERAGE
DAILY FLOW IN SECOND FEET OF ALL DRAINS IN
DRAINAGE DISTRICT NO. 2, FOR 29,000 ACRES

1960

[illegible]

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT NO. 3 FOR 4200 ACRES

1960

[illegible]

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT NO. 4 FOR 2500 ACRES.

1960

	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	TOTAL	ACRE FEET PER ACRE
AVERAGE DAILY FLOW IN SECOND FEET	13.5	20.9	22.6	20.0	24.0	22.3	20.6	1946 2.68 1947 2.51 1948 2.71
TOTAL MONTHLY FLOW IN ACRE FEET	810	1294	1356	1238	1488	1340	7526	1949 3.03 1950 3.12 1951 3.28
TOTAL PER ACRE FEET	.32	.52	.54	.50	.59	.54	3.01	1952 3.62 1953 3.76 1954 2.75 1955 3.00 1956 3.18 1957 3.15 1958 2.74 1959 2.83 1960 3.01

SUMMARY TABLE IN SECOND FEET
SHOWING RETURN FLOW TO BOISE RIVER

RETURN FLOW TO ENTIRE RIVER

	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
APRIL	461	579	17	479	712	1008	973	891	757	515	569	694	769	700	570
MAY	872	1098	680	1213	1018	1223	1555	1896	1444	905	1424	1569	1110	1562	1879
JUNE	1028	1265	701	1158	1326	1456	1496	1141	1814	1177	1578	1300	1601	1213	1461
JULY	895	916	924	893	1203	1381	1436	1253	1483	1330	1322	1329	1266	1162	1318
AUG.	776	742	894	765	1185	1362	1205	1307	1325	1211	1441	1337	1288	1484	1510
SEPT.	843	951	980	832	1112	1296	1495	1367	1507	1349	1347	1338	1425	1379	1442
AVERAGE	812	925	699	892	1093	1287	1352	1312	1388	1081	1280	1261	1243	1250	1363

RETURN FLOW TO SECTION ONE

JULY	228	331	214	282	343	460	411	369	391	379	210	215	214	185	273
AUG.	294	316	350	287	378	426	330	373	386	307	394	254	235	296	352
SEPT.	198	317	310	271	331	360	293	342	457	330	286	245	260	241	292
AVERAGE	240	321	291	280	351	415	345	362	411	338	297	238	236	241	306

RETURN FLOW TO SECTION TWO

JULY	666	591	732	611	860	921	1025	884	1092	951	1112	1114	1052	977	1045
AUG.	529	459	564	478	807	936	875	934	939	904	1047	1063	1053	1188	1158
SEPT.	645	657	679	561	781	936	1202	1025	1050	1019	1061	1093	1165	1138	1150
AVERAGE	613	569	658	550	816	931	1032	947	1027	958	1073	1077	1090	1101	1117

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
LITTLETON CANAL	35.00	LITTLE PIONEER	4.46

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

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

DRAINAGE DISTRICT NO. 3

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

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

DRAINAGE DISTRICT NO. 4

	INCHES
THURMAN MILL	570.98
RIDENBAUGH	51.34
WARM SPRINGS SLOUGH	127.68

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

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREEED		DEPT. OF REC. FILE NO.
				SEC. FT.	INCHES	
66-A	4-1-1878	J. S. KRAUS				
129-A	4-1-1897	H. E. PLAIN	BALLANTINE	.80	40	373
66-C	4-1-1878	J. W. KOLANDER	ERY CREEK	.54	27	373
66-D	4-1-1878	M. T. GRIFFITH	BALLANTINE	1.40	70	373
73-A	4-1-1880	GOBLE & SONGER	BALLANTINE	.80	40	373
75-A	6-1-1880	C. B. FRANK	DRY CREEK	.54	27	373
136	5-1-1906	H. E. WYMER	DRY CREEK	.816	40.80	380
85-A	6-1-1882	LED MARSTERS	BALLANTINE	.356	17.80	325
137	5-1-1909	B. P. WEAVERLING	WARM SPRINGS	1.60	80	324
138	6-14-1912	WESLEY A. MADE	MADE & MADE	1.60	80	294
85-C	5-1-1883	WM. HUCKBA	CATLIN & MADE	.40	20	293
85-D	5-1-1883	C. H. SCHWELZER	DRY CREEK	.203	10.15	321
85-E	5-1-1883	C. W. MCCLURG	BALLANTINE	.7506	37.53	320
124-A	5-1-1893	W. D. CHARTERS	DRY CREEK	.35	17.50	319
85-B	4-1-1883	JACOB BINGHAM	DRY CREEK	.825	37.50	318
77-A	4-15-1892	ROG HELMS	SETTLERS	1.00	50	317
8-A	4-1-1865	ADOLPH BAHLER	RIVERSIDE IRRIG. DIST.	3.674	183.70	295
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	412
35-A	6-1-1867	RALPH T. KNIGHT	BAHLER	.80	40	412
116-A	6-1-1890	ANNA SPENDER	CANYON COUNTY	1.76	88	419
116-B	6-1-1890	WILLIS B. SPENDER	RIVERSIDE IRRIG. DIST.	.72	36	12-A MISG.
116-C	6-1-1890	REBECCA BELL	" " "	.10	5	" "
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	" " "	.40	20	" "
114-B	5-1-1889	GUS A. BARTH	O'DONNELL & BARTH	1.50	80	466
77-A	6-1-1891	" "	" "	.80	40	467
77-B	6-1-1881	CHARLES JURRIES	PARMA DITCH CO.	1.60	80	467
77-C	6-1-1881	JAMES FINLAY	" " "	.34	17	467
77-D	6-1-1881	LESTER J. SHIPPY	" " "	.80	40	467
31-A	6-1-1866	WM. MUSSER	" " "	1.30	65	467
31-B	6-1-1866	MINNIE & JERRY COUZENS	LAWRENCE & KENNEDY	2.30	115	482
31-C	6-1-1866	ALBERT C. BOWERMAN	MIDDLETON WATER	.60	30	482
71-A	4-1-1879	ISLAND HIGHLINE DITCH CO.	LAWRENCE & KENNEDY	1.10	55	482
137-A	4-1-1910	" " " "		3.00	150	491
139	4-1-1915	" " " "		7.00	350	491
75-A	1880	ALBERT LEMP ET AL		10.00	500	491
29-A	1865	LOUISE SLOMONSON	LARSEN-BAXTER & LEMP	3.20	160	496
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	LEMP DITCH-EAGLE ISLAND	6.00	300	496
29-B	1865	S. G. HARDIES & AMELIA EISLEY	BUBB	1.80	90	497
51-A	1870	" " " "	BUBB	.50	25	498
116-A	1889	" " " "	"	1.00	50	498
59-A	5-1-1875	ROEDEL, EARL F. & OTTO W.	"	.84	42	498
			INDIAN CREEK	3.20	160	648

TABLE SHOWING CHANGE IN POINT OF

NO. OF CHANGE
OF POINT OF
DIVERSION

POINT OF DIVERSION

FROM

TO

DATE OF
CHANGEPRIORITY
NO. DATENO. OF
ACRES

3	EUREKA NO. 2	EUREKA NO. 2				
9	PIONEER DIXIE	PIONEER DIXIE	4-2-1912			
29	GALLWELL HIGH LINE	PIONEER DIXIE	7-31-1912	90	10-1-37	80
32	DAVIS	CANYON COUNTY	8-26-1918			
35	PIONEER DIXIE	DAVIS DITCH	7-15-1919			50
36	CANYON COUNTY	RIVERSIDE	4-3-1919			
38	HART & DAVIS	MIDDLETON WATER	4-12-1919			100
39	HART & DAVIS	SEVEN SUCKERS	9-24-1915	35	6-1-67	10
48	PIONEER DIXIE	SEVEN SUCKERS	6-12-1918			5
50	LOWER GEN. POINT	PIONEER DIXIE	9-25-1918			
51	LOWER GEN. POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-65	14
54	CANYON COUNTY	BOWMAN & SWISHER	3-31-1920	20	6-1-65	32
57	MIDDLETON WATER	MIDDLETON MILL	4-21-1920	35	6-1-67	9
59	KENNEDY	BALLANTINE	12-2-1920	65	6-1-77	35
61	KENNEDY & LAWRENCE	CANYON COUNTY	3-18-1921	31	6-1-66	13
64	BALLANTINE	MIDDLETON WATER	6-22-1921	31-8	6-1-66	31
75	MIDDLETON MILL	DRY CREEK	12-21-1921	102	6-1-68	14
76	SETTLERS	CANYON COUNTY	11-25-1924			28
77	SETTLERS	SETTLERS	3-12-1925	65-8	4-1-83	50
77	BURR	BAHLER	4-26-1925	8-A	4-1-65	40
83	BURR	BAHLER	4-26-1925	47-A	4-1-70	40
84	WARM SPRINGS	SETTLERS	4-27-1926			30
85	MIDDLETON WATER	FARMERS UNION	3-4-1926	65	6-1-77	40
91	UPPER GEN. POINT	EUREKA NO. 2	5-7-1926			25
103	BALLANTINE	DRY CREEK	6-23-1926	103		32
126	PARMA LITCH	PARMA LITCH	10-3-1928			115
127	LAWRENCE & KENNEDY	MIDDLETON WATER	3-25-1931	31-A	6-1-60	40
131	BOWMAN & SWISHER	LARSEN, BAXTER & LEMP	8-15-1930		6-1-65	35
140	EUREKA NO. 2	LOWER CENTER POINT	1-16-1932	89	11-9-83	3
141	BALLANTINE	NEW DRY CREEK	4-23-1934	85-0	5-1-83	10
142	FISCHER POWER	FISCHER POWER	12-18-1934		7-7-12	75
148	MIDDLETON MILL	CANYON COUNTY	1-8-1936		5-1-67	6-7
151	PIONEER DIXIE	UPPER GEN. POINT NO. 1	4-17-1936	90	10-1-67	40
152	NEW DRY CREEK	BALLANTINE	2-16-1937		5-1-63	50
153	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-70	40
154	REIN-KEDOUH-BAHLER	RIDENBAUGH	5-15-1937		5-1-95	40
159	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-65	5
161	UPPER CENTER POINT	EUREKA NO. 2	5-27-1939		6-1-65	32
174	BALLANTINE	NEW DRY CREEK	5-5-1940	103	6-1-88	12
175	BALLANTINE	NEW DRY CREEK	3-28-1941	103	6-1-88	65
176	RIVERSIDE	EUREKA	4-11-1944		6-1-83	440
179	MAMMYN LITCH	HAAS DITCH	4-16-1944		6-1-78	12
	CATLIN-MACE	SEVEN SUCKERS	3-31-1945	5)	6-1-64)	
				52)	6-1-71)	
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-83	45
227	O'DONNELL		12-17-54	114-A	5-1-69	80
245	EUREKA #2	LOWER CENTER POINT	6-30-58	89	11-9-83	30
243	RIVER	BOISE VALLEY	6-30-58		7-15-81	60

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

PRIORITY NO.	DATE	NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	REMARKS
96	10-1-87	80		THOS. T. JOHNSTON	
		50	50	ALBERT F. CLEMENS	
				J. C. HUGHES	
				ED DAVIS	
35	6-1-67	160	100	REBECCA BELL	
			19	DRAPER & OTHERS	
			52	SHAFFER & OTHERS	
				GEORGE RAMBO	
19	6-1-65		144	JAS. D. RUARK	TO INDIAN CREEK
20	6-1-65		320	JOHN S. SWISHER	
35	6-1-67		55 1/2	BIRD BOWMAN	
65	6-1-77	35	30	H. G. DUDLEY	FOOTE & WISEMAN
31	6-1-66		130	EDWARD MCCLINTICK	
31-3	6-1-66		30	W. KENNEDY	
102	6-1-68		10	MINNIE COUZENS	
			25	HARRY SEAVEY	
85-8	4-1-83		50	DETWEED ETC. BANK	
8-4	4-1-85	80	40	JACOB BINGHAM	
47-4	4-1-70		40	ADOLPH BAHLER	
			36	ADOLPH BAHLER	
65	6-1-77		40	LEO MARSTERS	
			25	J. C. RALPH	
103			32 1/2	J. C. BRUCE	
				IRA E. BARBER	NOT APPROVED BY CATCH COMPANY SECRETARY
31-4	6-1-66		115	CHARLES JURRIES	
	6-1-65		40	WM. MUSSER	
89	11-9-83		35	WM. BAXTER	
85-2	5-1-83		3	R. E. MCQUIRE	
	7-7-12			CHAS. H. SCHMELZER	
	7-1-67		10	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
96	12-1-87		75	CORA M. CLIFTON	
	5-1-83		6.75	CORA GREER	DECREE TO AMERICAN CATCH ASSO
	4-1-70		40	J. H. CONE	
	5-1-95		50	ADOLPH BAHLER	
	4-1-65		40	ADOLPH BAHLER	
	6-1-65		5	ADOLPH BAHLER	
103	6-1-88		32 1/2	RAYMOND T. BRESHEARS	
103	6-1-88		12	SID BARBER	
	6-1-83		85	FRANK M. RAY	
	6-1-78		40	WILBUR BRESHEARS	
5	6-1-64		12	CHARLOTTIE D. ALLEN	
52	6-1-71			IDAHO FISH & GAME DEPT.	
89	11-9-83		45	J. E. HOUSTON	
114-4	5-1-89		80	ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER LIE
89	11-9-83		30	J. E. EKKREID	
	7-15-21		60	MARIE ECHEVERRIA & I. N. KESSINGER	LICENSED WATER RIGHT #15242 TO

DIVERSION OF DECREE RIGHTS ON BOISE RIVER

CHART NO. 22

QUANTITY INCHES	BY WHOM	REMARKS
50	THOS. T. JOHNSTON	
	ALBERT F. CLEMONS	
	J. C. HUGHES	
	ED DAVIS	
100	REBECCA GELL	
19	CRAPER & OTHERS	
52	SHAFFER & OTHERS	
	GEORGE RAMBO	
	JAS. D. RUARK	TO INDIAN CREEK
144	JOHN S. SWISHER	
320	GIRD BOWMAN	
55	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	
30	LED MARSTERS	
40	J. C. RALPH	
25	J. C. BRUCE	
32	IRA E. BARBER	NOT APPROVED BY DITCH COMPANIES SECRETARY
	CHARLES JURRIES	
115	WM. MUSSER	
40	WM. BAXTER	
35	R. E. MCQUIRE	
3	CHAS. H. SCHWELZER	
	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
10	CORA M. CLIFTON	
75	CORA GREER	DECREE TO AMERICAN DITCH ASSOC.
6.75	J. H. CONE	
40	ADOLPH BAHLER	
50	ADOLPH BAHLER	
40	ADOLPH BAHLER	
5	RAYMOND T. BRESHEARS	
32	SID BARBER	
12	FRANK M. RAY	
85	WILBUR BRESHEARS	
440	CHARLOTTIE D. ALLEN	
12	IDAHO FISH & GAME DEPT.	
45	J. E. HOUSTON	
80	ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER DIRECT
30	J. E. EKTED	
60	MARIE ECHEVERRIA & I. N. KESSINGER	LICENSED WATER RIGHT #15242 FORMERLY DIVERTED FROM A SLOUGH

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO	NO.	DATE			
34	SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	15	WALTER S. BRU
34	"	"	122	6-1-91	3-16-1909)		
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-10-1909	100	C. H. ROSENBER
38	AMERICAN DITCH ASSN.	CANYON LITCH	96	10-1-87	9-1-1909	605	W. V. MESSLER
45	SETTLERS	SETTLERS			2-5-1910	10	J. L. MOORE
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-86	2-4-1910	112	BARBER LUMBER
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	1475	AMERICAN DITCH
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210	NICHOLS & COOP
50	SETTLERS	SETTLERS			6-7-1910	20	J. P. CLECK
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	50	J. A. CARTWRIGHT
71	UPPER CEN. POINT	EUREKA NO. 2	24	6-1-65	3-1-1911	40	J. T. BOLAND
105	STIEGENSEN	CANYON DITCH	9	6-1-65	9-10-1912	25	H. E. MEER
111	EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	60	H. L. RANALL
111	PIONEER DIXIE	HILLCREST	8	6-1-64	11-25-1912	1017	H. L. RANALL
111	"	"	45	6-1-67	11-25-1912		
136	JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	1000	BOISE TRUST TRA
219	PIONEER IRR. DIST.	PIONEER IRR. DIST.			7-15-1916	472	PIONEER IRR. DI
300	MIDDLETON MILL	DRY CREEK			4-20-1921	17.5	EDNA V. FOYLER
301	MIDDLETON MILL	DRY CREEK			4-20-1921	77	JOHN T. GROOM
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. LISH
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5-1-1925	10	NELLIE B. WHITAN
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1925	56.7	HENRY E. BARTLET
372	BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	16.7	L. A. RICE
374	MIDDLETON WATER # 1	FARMERS UNION	65	6-1-77	5-6-1926	20	H. D. PRANKS
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10	A. G. 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	12.3	H. F. MCDOONELL
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	H. W. BARTLETT
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	E. E. SMITH
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-64	8-13-1926	7.5	RUSH CHASE
			54)	6-1-71			
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20	FRED EGGERS
393	MIDDLETON MILL	FARMERS UNION	3)	6-1-54	9-15-1926	14.4	A. C. BOWERMAN
393	MIDDLETON MILL	FARMERS UNION	54)	6-1-71			
393	MIDDLETON MILL	FARMERS UNION	120)	6-1-21			
395	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25	G. R. MCQUIRE
412	THURMAN	SETTLERS	81	6-1-62	12-3-1927	20	CHAS. P. MACE
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5	O. E. ALLISON
466	RIDENBAUGH	NEW YORK	106	8-20-86	7-6-1929	445	E. M. TULLER
468	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5	C. C. WOOD
477	SETTLERS	SETTLERS	92	10-17-84	11-15-1929	10	CHAS. N. WALKER
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3	FRANK P. WEASEL
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50	W. SCOTT ANDERSON
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25	FARMERS UNION DI
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-VERILIAN	1	6-1-64	9-6-1938	10	BOISE TRUST CO.
595	JACOBS CANAL	SETTLERS	1	6-1-64	9-6-1938	10	BOISE TRUST CO.
606	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	50	W. F. TRACY
644	RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35	S. E. SMITH
654	CONSUMERS	SETTLERS	30	5-1-66	10-16-1943	25	R. N. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-16-1943	50	R. N. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-16-1943	25	R. N. HOWELL

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
3-16-1909)	15	WALTER E. BRUCE	
3-16-1909)			
4-19-1909	100	C. H. ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
9-1-1909	605	WM. M. MESSLER	
2-7-1910	10	J. E. MOORE	
2-4-1910	112	BARBER LUMBER CO.	
3-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
3-31-1910	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
6-7-1910	20	J. P. CLECK	
11-14-1910	50	J. A. CARTRIGHT	
3-14-1911	40	J. T. POLAK	CHANGE IN POINT OF DIVERSION ONLY
9-18-1912	25	H. E. MECK	
11-25-1912	60	H. L. RANDALL & OTHERS	
11-25-1912)	1017	H. L. RANDALL & OTHERS	
6-8-1914	1000	BOISE FRUIT TRACT CO.	
7-15-1918	432	PIONEER IRR. DIST.	LICENSED RIGHT INDIAN CREEK
4-20-1921	17.5	EMMA M. FOWLER	
4-20-1921	77	JOHN F. GROOME	
2-6-1925	7	C. E. WHITE	
2-6-1925	7	FRANK WEASEL	
2-6-1925	7	CARL A. LISH	
5- -1925	10	NELLIE B. WHITAKER	
3-16-1926	56.2	HENRY V. BARTLETT	
4-26-1926	15.7	L. A. RICE	
5-6-1926	20	H. L. PARKS	
5-6-1926	10	A. G. KING	
7-8-1926	20	MARY F. LEACH	
7-8-1926	13.3	H. F. MCCONNELL	
7-8-1926	20	H. W. BARTLETT	
7-8-1926	20	E. E. SMITH	
8-13-1926	7.5	RUSH CHASE	
8-21-1926	20	FRED EGGERS	
9-15-1926	14.4	A. G. EDWARDS	
11-16-1926	25	G. R. McGUIRE	
12-2-1927	20	CHAS. P. MADE	
7-2-1928	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
7-6-1929	445	W. H. TOLLER	
7-12-1929	5	C. C. WOOD	
11-18-1929	10	CHASE N. WALKER	
4-7-1930	3	FRANK P. WEASEL	
5-27-1932	50	W. SCOTT ANDERSON	
5-27-1932	25	FARMERS UNION DITCH	
5-15-1934	15	A. B. WHITNEY	
12-31-1934	34.37	FEDERAL LAND BANK	
9-9-1938	10	BOISE TRUST CO.	SOMERMEIR
9-9-1938	10	BOISE TRUST CO.	FALK
4-29-1940	50	W. F. TRACY	
11-12-1942	35	S. E. SMITH	
10-16-1943	25	A. B. HUNELL	LARSON TRACT
10-16-1943	50	W. W. HOWELL	HAMMING TRACT
10-16-1943	25	A. A. HOWELL	BUEBE TRACT

REMARKS

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RGER	CHANGE IN POINT OF DIVERSION ONLY
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JANE BANK	
ST CO.	SONERMEIR
ST CO.	FALK
ACY	
TH	
WELL	LARSON TRACT
WELL	HAMMING TRACT
WELL	BUENE TRACT

TRANSFERS OF DECREE RIGHTS ON B

NO. OF TRANSFER	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO	NO.	DATE			
663	RIVERGATE	BIONEER TRAIL	88	6-1-83	4-11-1944	30	
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	8	D. B. BALTIMORE
694	"	"	30	5-1-66	4-29-1946	6	W. J. HOWELL
694	"	"	30	5-1-66	4-29-1946	7	"
731	"	"	30	5-1-66	4-29-1946	13	"
732	"	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	"	"	30	5-1-66	6-14-1947	27	"
720	STEDENBERG	NEW DRY CREEK	9	5-1-65	11-25-1947	32	R. V. TUCKER
720	CONSUMERS	FARMERS CO-OP	30	5-1-66	5-4-1948	10	W. J. HOWELL
720	"	SETTLERS	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	"
720	"	"	30	5-1-66	5-4-1948	10	"
736	THURMAN MILL	"	37	6-1-68	3-9-1949	50	AIRCRAFT SERV
736	CONSUMERS	"	30	5-1-66	3-9-1949	95	W. J. HOWELL
736	"	"	30	5-1-66	4-2-1949	7.5	"
752	"	"	30	5-1-66	4-13-1950	23	J. R. FIELD
752	"	"	30	5-1-66	4-13-1950	20	J. R. FIELD
750	HILLCREST	WILKINSON MILL	8	6-1-64	3-28-1952	1000	FOREST SOWER
750	"	NEW YORK	45	6-1-69	3-28-1952	17	"
750	"	"	56	10-1-87	3-28-1952	60	"
823	CONSUMERS	"	30	5-1-66	7-13-1954	300	G. S. TAYLOR
828	"	SETTLERS	30	5-1-66	9-3-1954	24	"
871	THURMAN MILL	"	36	6-1-68	1-2-1956	12.4	J. FRANK BRUCE
872	"	"	36	6-1-68	1-2-1956	11	GEORGE W. REYER
893	CONSUMERS	"	30	5-1-66	10-2-1956	10	J. S. TAYLOR
890	"	"	30	5-1-66	7-11-57	5	FRANCIS H. NEIL
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	"

TRANSFERS OF DEGREE RIGHTS ON BOISE RIVER

CHART NO. 23-A

DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
1-1944	30	D. W. BALDWIN	
1-1946	8	W. W. HOWELL	KENNETH O. EARL
1-1946	6	"	L. P. FEWES
1-1946	7	"	D. G. STARK
1-1946	13	"	G. W. KYLE
1-1946	100	"	REX JENSEN (BOISE-KUNA IRRIG. DIST.)
1-1946	30	"	MRS. EDITH CURTIS
1-1947	10	"	CLYDE SIMPSON
1-1947	10	"	JOHN LEMOND
1-1947	25	"	LEN SIMPSON
1-1947	27	"	J. S. BEEDE
5-1947	32	R. M. TUCKER	
4-1948	10	W. W. HOWELL	W. E. LOTY
4-1948	10	"	TOM ERCHAGA
4-1948	7	"	LOUIS ODERMOTT
4-1948	10	"	W. H. CALDWELL
4-1948	20	"	NORMAN C. STEELE
4-1948	10	"	GEORGE BERT ROYLAND
9-1949	50	AIRCRAFT SERVICE CO.	
9-1949	55	W. W. HOWELL	
2-1949	7.5	"	
14-1950	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
14-1950	20	J. R. FIELD	BRINK TRACT
28-1952	1000	FOREST SOWER	
28-1952	17	"	
28-1952	60	"	
13-1954	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
3-1954	24	"	10" TO THE GOLIEN KENT TRACT AND 14" TO THE ELMUND
2-1956	14.4	J. FRANK DRYCE	
2-1956	11	GEORGE C. KLYBER, JR.	
2-1956	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
11-4-57	5	FRANCIS H. NEITZEL	R. S. POTTER TRACT
3-58	5	" "	R. W. WHITE TRACT
15-58	10	" "	EDWARD C. MAW & F. LEROY SPRADUE TRACT
15-58	1.25	" "	H. P. IRBY TRACT
15-60	2.5	" "	EARL M. & DELLA LUKEHART TRACT

CHART NO. 23-A

CHART NO. 23-A

REMARKS

KENNETH O. DARL
L. P. FENKES
D. G. STARK
G. W. KYLE
RED JENSEN (BOISE-KUNA IRRIG. DIST.)
MRS. EDITH CURTIS
CLYDE SIMPSON
JOHN DEMOND
LIN SIMPSON
J. S. BEEDE

W. E. LOTY
TOM ERICSSON
LOUIS OLLERMOTT
W. H. CALDWELL
NORMAN C. STEELE
GEORGE BERT ROYLAND

8th HAGER TRACT, 15th KIVBLE TRACT
BRINK TRACT

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

FREDERICK L. JOHNSON TRACT
R. G. POTTER TRACT
H. W. WHITE TRACT
EDWARD C. MAW & F. LEROY SPRAGUE TRACT
H. P. IRBY TRACT
EARL M. & DELLA LUKEHART TRACT

NO.	DATE	NAME	AMOUNT DECREED SEC. FT. INCHES		NO.	DATE	NAME	AMOUNT DE SEC. FT.
1.	X6-1-64	THOMAS DAVIS	2.20	110	45.	6-1-69	MASON CREEK DITCH CO.	37.20
2.	X6-1-64	JACOBS CANAL CO.	20.00	1000	47.	X6-1-69	T. W. BOONE	3.50
3.	X6-1-64	MIDDLETON MILL DITCH	12.80	640	48.	6-1-70	W. J. HAMMING	2.60
4.	X6-1-64	THOMAS ANDREWS	3.30	165	49.	6-1-70	PIONEER CANAL	25.72
5.	X6-1-64	CATLIN & MACE	2.85	143	50.	6-1-69	BARBER LUMBER CO.	2.24
6.	X6-1-64	T. C. CATLIN	3.30	165	51.	X6-1-70	THOMAS ANDREWS	1.30
7.	X6-1-64	C. C. HAVIRI	3.30	165	52.	6-1-71	CATLIN & MACE	7.86
8.	X6-1-64	PIONEER DIXIE DITCH CO.	20.00	1000	53.	6-1-71	PETER MEEVES	1.80
9.	X6-1-65	SIEBENBERG DITCH CO.	13.42	671	54.	6-1-71	MIDDLETON MILL DITCH CO.	33.70
10.	X6-1-65	ALLEN V. WEBSTER	1.20	60	55.	6-1-72	J. F. YARYAN	1.70
11.	X6-1-65	J. F. YARYAN	.66	33	56.	6-1-72	J. F. YARYAN	1.40
12.	X6-1-65	GRAHAM & GILBERT	4.40	220	57.	6-1-72	MARY C. DAVIS	4.40
13.	X6-1-65	EUREKA WATER CO.	33.32	1666	58.	6-1-72	EDWARD N. HART	3.30
14.	X6-1-65	NEW UNION DITCH CO.	13.76	688	59.	X6-1-74	J. W. BOONE	2.20
15.	X6-1-65	BOISE VALLEY IRRIG. DITCH CO.	54.58	2729	60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	10.00
16.	X6-1-65	RIDENBAUGH & ROSSI	9.20	460	61.	6-1-76	EDWARD & MARY CLARK	2.30
17.	X6-1-65	RIDENBAUGH & ROSSI (POWER)	265.80	13290	62.	6-1-76	JOHN CECIL	.41
18.	X6-1-65	DENVER & IDAHO LAND CO.	.80	40	63.	6-1-77	THOMAS ATKENS	5.20
19.	X6-1-65	MARTHA BOWMAN	2.88	144	64.	6-1-77	W. H. CONWAY	.90
20.	X6-1-65	BIRD BOWMAN	6.40	320	65.	6-1-77	MIDDLETON WATER CO.	114.38
21.	X6-1-65	G. W. BESS	2.90	145	66.	7-1-77	PERRAULT & JOHNSON (POWER)	200.00
22.	X6-1-65	ROBERT MCQUIRE	3.20	160	67.	5-1-78	NAMPA-MERIDIAN IRRIG. DIST.	170.00
23.	X6-1-65	G. W. COOPER	3.20	160	68.	X6-1-78	JOHN MAMMON	4.20
24.	X6-1-65	J. W. ROLAND	2.40	120	69.	X6-1-78	JULIA MAMMON	3.36
25.	X6-1-65	DRAPER & WELLS	3.94	197	70.	X6-1-78	CHARLES ALLEN	8.80
26.	X6-1-65	THOMAS J. PALMER	1.60	80	71.	X6-1-78	R. H. STOCKTON	1.40
27.	X6-1-65	NOAH W. PALMER	1.50	75	72.	6-1-79	NEW CRY CREEK DITCH CO.	31.32
28.	X6-1-65	J. N. TUCKER	7.00	350	73.	X6-1-79	D. MUMFORD	8.00
29.	X6-1-65	THOMAS ANDREWS	6.00	300	74.	X6-1-80	SMITH STOCKTON	1.76
30.	X6-1-66	J. PERRAULT & R. JOHNSON	50.00	2500	75.	6-1-80	ISHAM JOPLIN	2.40
31.	X6-1-66	WILLIAM P. KENNEDY	2.60	130	76.	10-20-80	JOSEPH GOBLE	.90
32.	X6-1-66	MANVILLE & LEONARD	3.50	175	77.	10-29-80	FRANKLIN DITCH CO.	27.60
33.	6-1-66	BOISE CITY CANAL CO.	36.06	1803	78.	6-1-82	ALLEN V. WEBSTER	.90
34.	6-1-66	FRANKLIN DITCH CO.	15.39	770	79.	6-1-82	SUSIE CAMPBELL	.60
35.	6-1-67	CANYON CO. WATER CO.	75.80	3790	80.	6-1-82	J. T. BARBER	1.60
36.	6-1-68	MARTHA E. MCCARTHY	14.10	705	81.	6-1-82	SONORA JOPLIN	3.40
37.	6-1-68	H. E. & LORA GOODMAN	3.70	185	82.	6-1-82	S. W. MITCHINSON	.44
38.	X6-1-68	T. T. JOHNSON	3.20	160	83.	6-1-82	JOHNSON	.44
39.	X6-1-68	ROSS, ALLEN, DILLEY & ROSS	8.54	427	84.	6-1-82	ANDREW J. JOPLIN	2.06
40.	6-1-68	S. S. GRAY	1.40	70	85.	6-1-82	JAMES L. GRAHAM	2.20
41.	X6-1-69	JOHN MAMMON	1.50	90	86.	X6-1-83	FARMERS COOP. DITCH	20.00
42.	6-1-69	ISAAC BEDAL	1.60	80	87.	6-1-83	FRANCIS M. JOPLIN	.50
43.	X6-1-69	FREDERICH ODE	3.60	180	88.	X6-1-83	E. A. BLACK	17.00
44.	X6-1-69	PRIOR BURNETT	8.50	425	89.	X11-5-83	EUREKA DITCH CO. NO. 2	21.70
45.	X6-1-69	PIONEER DIXIE DITCH CO.	35.94	1772	90.	6-1-84	PIONEER IRRIG. DIST.	53.10

X INDICATES RIGHTS SUPPLIED BY RETURN FLOW TO RIVER

STEWART DECREE

CHART NO.

	AMOUNT DECREEED		NO.	DATE	NAME	AMOUNT DECREEED	
	SEC. FT.	INCHES				SEC. FT.	INCHES
EEK DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000
ONE	3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.00	4950
AVING	2.60	130	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761
CANAL	25.72	1286	94.	6-1-86	THOMAS DAVIS	13.40	670
UMBER CO.	2.24	112	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
NIRENS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
MACE	7.85	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.85	393
EVES	1.80	90	98.	6-1-88	A. V. LINDER	4.00	200
N MILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH	1.30	65
RYAN	.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70
RYAN	1.40	70	101.	6-1-88	ED. J. LINDER	1.46	73
DAVIS	4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20	60
N. HART	3.30	165	103.	6-1-88	JESSIE WILSON	1.40	70
ODGE	2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45
COOPERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
& MARY CLARK	2.30	115	106.	8-20-88	NAMPA-MERTICIAN IRRIG. DIST.	370.34	18542
ICE	.41	22	107.	5-1-89	CHAS. S. MILLER	.06	3
ATKENS	5.20	260	108.	5-1-89	LOUIS S. HOSELEY	.02	1
CONWAY	.93	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40	120
TON WATER CO.	114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
LT & JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
MERTICIAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05	2
AMMON	4.20	210	113.	5-1-89	GRACE CALL	.10	5
MARRON	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1
S. ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN	.06	3
STOCKTON	1.40	220	116.	6-1-89	SONORA JOPLIN	1.20	60
Y CREEK DITCH CO.	31.32	1566	117.	5-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
WOLF	4.00	200	118.	6-1-91	W. H. CONWAY	2.20	110
STOCKTON	1.75	88	119.	6-1-91	THOMAS DAVIS	.54	27
JOPLIN	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	47.00	2350
A. GOBLE	.90	45	121.	X6-1-91	THOMAS ANDREWS	3.80	190
LIN DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	77.44	3872
V. WEBSTER	.90	45	123.	6-1-91	THOMAS ATEN	.90	45
CAMPBELL	.80	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00	4000
BARBER	1.60	80	125.	X6-1-94	R. H. STOCKTON	6.76	338
A. JOPLIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
HUTCHINSON	.44	22	127.	5-1-95	CHARLES REID & JANE KEOGH	1.00	50
ON	.44	22	128.	7-1-95	MATHEW CASEY	.60	30
W. J. JOPLIN	2.06	103	129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50	4175
L. GRAHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
RE COOP. DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
IS. M. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
J. BLACK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
KA DITCH CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277
ER IRRIG. DIST.	53.10	2655	135.	1-1-04	PIONEER IRRIG. DIST.	56.34	2817

CHART NO. 24

A. V. TALLMAN
IRRIG. ENGR.

NO.	DATE	NAME	AMOUNT DECREEE	
			SEC. FT.	INCHES
91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000
92.	10-17-84	SETTLERS CANAL CO.	97.06	4953
93.	6-1-86	NEW DRY CREEK DITCH	15.22	761
94.	6-1-86	THOMAS DAVIS	13.40	670
95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
97.	6-1-88	NEW DRY CREEK DITCH CO.	7.06	393
98.	6-1-88	A. V. LINDER	4.00	200
99.	6-1-88	LEVI SMITH	1.30	65
100.	6-1-88	CHARLOTTE CALHOUN	1.40	70
101.	6-1-88	ED. J. LINDER	1.46	73
102.	6-1-88	LIZZIE EVERETT	1.20	60
103.	6-1-88	JESSIE WILSON	1.40	70
104.	X6-1-88	THOMAS ANDREWS	.90	45
105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
106.	8-20-88	NAMPA-MERIDIAN IRRIG. DIST.	370.84	18542
107.	5-1-89	CHAS. S. MILLER	.06	3
108.	5-1-89	LOWMIS S. HOSELEY	.02	1
109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40	120
110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
112.	5-1-89	ANNA H. FOGARTY	.05	2
113.	5-1-89	GRACE CALL	.10	5
114.	5-1-89	SAMUEL H. CANFIELD	.03	1
115.	6-1-89	SONORA JOPLIN	.06	3
116.	6-1-89	SONORA JOPLIN	1.20	60
117.	9-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
118.	6-1-91	W. H. CONWAY	2.20	110
119.	6-1-91	THOMAS DAVIS	.54	27
120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00	850
121.	X6-1-91	THOMAS ANDREWS	3.80	175
122.	6-1-91	SETTLERS CANAL CO.	73.41	3672
123.	6-1-91	THOMAS ALDEN	.80	40
124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00	4000
125.	X6-1-94	R. H. STOCKTON	1.76	88
126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
127.	5-1-95	CHARLES REYN & JANE KEDUH	1.00	50
128.	7-1-95	MATHEW CASEY	.66	33
129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50	4175
130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
132.	X5-17-00	CANYON DITCH CO.	10.00	500
133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
134.	X10-25-01	CANYON DITCH CO.	5.54	277
135.	1-1-01	PIONEER IRRIG. DIST.	56.34	2817

CHANGE IN		PRIORITY		STEWART DEGREE	INTERVENORS		BRYAN DEGREE	INCHES	TOTAL SEC. FT.
NAME OF CANAL	P. OF C.	TRANSFER	NO.	DATE	STEWART DEGREE	BRYAN DEGREE			
NEW YORK			131	3-23-1900	219.10			139.25	
				3-23-1900		58.86		2943	
				12-14-1903		1354.56		67729	
				6-10-1909		926.50		46325	
		111	8	6-1-1864	20.34			1017	
			45	6-1-1869					
		111	96	10-1-1887	1.20			60.	
		455	106	7-20-1898	8.90			415	
		701	30	5-1-1866	2.00			100	2591.48
		823	30	5-1-1866	6.00			300	2997.48
WAPA L. MERIDIAN			67	5-1-1878	170.30			8500	
			100	5-20-1888	370.84			18542	
		392	65	6-1-1877	.40			20	
	152		47-4	1-1-1870		.80		40	
	153		127	5-1-1895	1.00			50	
	154		8-4	4-1-1865		.80		40	
		406*	100	5-20-1888	8.90*			445*	
		595	1	6-1-1864	.20			10	535.14
			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
BLISS (SOUTH BULLE)			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	
			8-8	4-1-1865		1.80		90	
			25-3	4-1-1865		.50		25	
			51-A	1870		1.00		50	
			115-A	4-1-1889		.84		42	
MEEVES				4-1-1905			5.40	270	21.14
			53	6-1-1871	1.80			90	1.80
			16	6-1-1865	9.20			460	
			15	6-1-1865	.80			40	10.00
			32	6-1-1866	3.50			175	3.50
			94	6-1-1886	13.40			670	13.40
			129	6-1-1891	.54			27	.54
LITTLE DAVIS									

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-A

NAME OF CANAL SETTLERS	CHANGE IN P. OF L.	TRANSFER	PRIORITY		STEWART DEGREE	INTERVENORS		TOTAL SEC. FT.
			NO.	DATE		STEWART DEGREE	BRYAN DEGREE	
			92	10-17-1864	29.06			
			122	6-1-1891	73.44			1953
		347	3	6-1-1854	.14			3672
		349	3	6-1-1854	.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				20
	83		85-A	6-1-1882		1.00		50
		430	65	6-1-1877	.25	.72		36
		525	1	6-1-1864	.20			12.5
		651	30	5-1-1856	.50			10
		651	30	5-1-1866	1.00			25
		654	30	5-1-1856	.50			50
		654	30	5-1-1866	.16			25
		654	30	5-1-1856	.12			8
		654	30	5-1-1856	.14			6
		654	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	.50			10
		720	30	5-1-1866	1.34			25
		730	37	6-1-1868	1.00			67
		737	30	5-1-1866	1.10			50
		739	30	5-1-1866	.15			55
		753	30	5-1-1856	.40			7.5
		829	30	5-1-1866	.40			23
		871	36	6-1-1868	.298			24
		872	36	6-1-1868	.22			14.4
		873	30	5-1-1866	.20			11
		890	30	5-1-1866	.10			184.908
		906	30	5-1-1866	.10			10
		917	30	5-1-1866	.20			185.103
		918	30	5-1-1866	.025			5
		940	30	5-1-1866	.05			5
			7	6-1-1864	3.30			10
			10	6-1-1865	1.20			155
			11	6-1-1865	.62			60
			36	6-1-1868	14.10			33
			37	6-1-1868	3.70			705
			42	6-1-1869	1.50			185
			55	6-1-1872	.70			80
			56	6-1-1872	1.40			35
			62	6-1-1876	.44			70
			75	6-1-1880	2.40			22
			76	10-20-1880	.90			120
			78	6-1-1882	.90			45
			79	6-1-1882	.60			45
			81	6-1-1882	2.60			30
			84	6-1-1882	1.50			130
			87	6-1-1883	.90			75
			128	7-1-1895	.60			45
		412*	81	6-1-1882	.40*			33
		736*	37	6-1-1868	1.05*			20*
		871*	36	6-1-1868	.298*			50*
		872*	36	6-1-1868	.22*			14.4*
								11*
								37.16
								36.16
								35.652

THURMAN MILL

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

CHART NO. 25-A

NAME OF CANAL	CHANGE IN P. OF I.	TRANSFER	PRIORITY		STEWART DECREE	INTERVENORS		INCHES	TOTAL SEC. FT.
			NO.	DATE		STEWART DECREE	BRYAN DECREE		
SETTLERS	76 83		92	10-17-1884	96.06				
			122	6-1-1891	73.44			1953	
		347	3	6-1-1854	.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	
			85-B	4-1-1883		1.00		20	
			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	
		654	30	5-1-1866	.16			25	
		654	30	5-1-1866	.12			8	
		654	30	5-1-1866	.14			6	
		654	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	.20			10	
		720	30	5-1-1866	.50			25	
		736	37	6-1-1868	1.34			67	
		737	30	5-1-1866	1.00			50	
		739	30	5-1-1866	1.10			55	
		753	30	5-1-1866	.15			7.5	
		829	30	5-1-1866	.46			23	183.92
		871	30	5-1-1866	.48			24	184.40
		871	36	6-1-1868	.298			14.4	
		872	36	6-1-1868	.22			11	184.908
		873	30	5-1-1866	.20			10	185.103
		890	30	5-1-1866	.10			5	185.208
		906	30	5-1-1866	.10			5	
		917	30	5-1-1866	.20			10	
		918	30	5-1-1866	.025			1.25	185.533
		940	30	5-1-1866	.05			2.5	185.583
THERMAN MILL			7	6-1-1864	3.30			155	
			10	6-1-1865	1.20			60	
			11	6-1-1865	.66			33	
			36	6-1-1866	14.10			706	
			37	6-1-1868	3.70			185	
			42	6-1-1869	1.50			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	
			87	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	.298*			14.4*	
		872*	36	6-1-1868	.22*			11*	35.652

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-B

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT. Y
			NO	DATE	STEWART DECREE	INTERVIEWERS STEWART DECREE	BRYAN DECREE	INCHES	
PENITENTIARY	46		50	6-1-1866	2.24			112	2.24
GRUZEN (CONSUMERS)									
			30	5-1-1866	50.00			2500	
		654*	30	5-1-1866	.50*			25*	
		654*	30	5-1-1866	1.00*			50*	
		654*	30	5-1-1866	.50*			25*	
		694*	30	5-1-1866	.12*			6*	
		694*	30	5-1-1866	.16*			8*	
		694*	30	5-1-1866	.14*			7*	
		694*	30	5-1-1866	.26*			13*	
		701*	30	5-1-1866	2.00*			100*	
		702*	30	5-1-1866	.60*			30*	
		712*	30	5-1-1866	.20*			10*	
		712*	30	5-1-1866	.20*			10*	
		712*	30	5-1-1866	.50*			25*	
		713*	30	5-1-1866	.54*			27*	43.28
		720*	30	5-1-1866	1.34*			67*	41.94
		737*	30	5-1-1866	1.10*			55*	
		739*	30	5-1-1866	.15*			7.5*	
		753*	30	5-1-1866	.46*			23*	
		754*	30	5-1-1866	.40*			20*	39.83
		823*	30	5-1-1866	6.00*			300*	33.83
		829*	30	5-1-1866	.48*			24*	33.35
		873*	30	5-1-1866	.20*			10*	33.15
		890*	30	5-1-1866	.10*			5*	33.05
		906*	30	5-1-1866	.10*			5*	
		917*	30	5-1-1866	.20*			10*	
		918*	30	5-1-1866	.025*			1.25*	32.725
		914*	30	5-1-1866	.05*			2.5*	32.675
BOISE CITY			33	6-1-1866	38.06			1903	
		370	33	6-1-1866	1.124*			56.2*	
		373*	33	6-1-1866	.374*			18.7*	36.562
FARMERS UNION			126	7-2-1894	110.00			5500	
		136	2	6-1-1864	20.00			1000	
		370	33	6-1-1866	1.124			56.2	
		373	33	6-1-1866	.374			18.7	
		374	65	6-1-1877	.40			20	
		375	65	6-1-1877	.20			10	
		384	65	6-1-1877	.40			20	
		385	65	6-1-1877	.266			13.3	
		386	65	6-1-1877	.40			20	
		387	65	6-1-1877	.40			20	
		391	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					
		395	65	6-1-1877	.50			25	
		430*	65	6-1-1877	.25*			12.5*	
			65	6-1-1877	.80			40	
								50	
	84	512	1	6-1-1864	1.00			25	
		513	1	6-1-1864	.50			15	
		530	1	6-1-1864	.30				
				7-2-1894		54.46		2723	191.312

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-C

NAME OF CANAL	CHANGE IN P. OF D.	PRIORITY		STEWART DECREE	INTERVENORS			TOTAL SEC. FT.
		TRANSFER	NO. DATE		STEWART DECREE	BRYAN DECREE	INCHES	
BOISE VALLEY LICENSED RIGHT #15242		243	15 6-1-1865 7-19-1921	54.58			2729	54.58
							60	55.76
NEW UNION			14 6-1-1865	13.76			688	13.76
NEW DRY CREEK			72 6-1-1879	31.32			1566	
			93 6-1-1886	15.22			761	
			97 6-1-1888	7.86			393	
			123-A 4-1-1897		.54		27	
			73-A 4-1-1880		.54		27	
			75-A 6-1-1880		.816		40.8	
			85-C 5-1-1883		.203		10.15	
			85-E 5-1-1883		.35		17.5	
			124-A 5-1-1893		.825		41.25	
		300	3 6-1-1864					
		300	54 6-1-1871	.35			17.5	
		300	120 6-1-1891					
		301	3) 6-1-1864					
		301	54) 6-1-1871	1.54			77	
		301	120) 6-1-1891					
			102 6-1-1888	.20			10	
			85-D 5-1-1883		.06		3	
			124-A 5-1-1893		.135*		6.75*	
			103 6-1-1888	.65			32.5	
			103 6-1-1888	.24			12	
		713	30 5-1-1865	.54			27	61.119
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	.80			40	
			66-A 4-1-1878		.80		40	
			66-C 4-1-1878		1.40		70	
			66-D 4-1-1878		.80		40	
			85-D 5-1-1883		.7506		37.53	
			136 5-1-1906		.356		17.8	
		57	65 6-1-1877	.60			30	
		64*	102 6-1-1888	.20*			10*	
		140*	85-D 5-1-1903		.06*		3*	
		151	124-A 5-1-1893		.135		6.75	
		161*	103 6-1-1888	.65*			32.5*	
		174*	103 6-1-1888	.24*			12*	15.25

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-C

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DEGREE	INTERVENORS		AMOUNT DECREEED	
			NO.	DATE		STEWART DEGREE	BRYAN DEGREE	INCHES	TOTAL SEC. FT.
BOISE VALLEY LICENSED RIGHT #15242		243	15	6-1-1865	54.58			2729	54.58
				7-19-1921				60	55.78
NEW UNION			14	6-1-1865	13.76			688	13.76
NEW DRY CREEK			72	6-1-1879	31.32			1566	
			93	6-1-1886	15.22			761	
			97	6-1-1888	7.86			393	
			123-A	4-1-1897		.54		27	
			73-A	4-1-1880		.54		27	
			75-A	6-1-1880		.816		40.8	
			85-C	5-1-1883		.203		10.15	
			85-E	5-1-1883		.35		17.5	
			124-A	5-1-1893		.825		41.25	
		300	3	6-1-1864					
		300	54	6-1-1871	.35			17.5	
		300	120	6-1-1891					
		301	3)	6-1-1864					
		301	54)	6-1-1871	1.54			77	
		301	120)	6-1-1891					
			102	6-1-1888	.20			10	
	64		85-D	5-1-1883		.06		3	
	140		124-A	5-1-1893		.135*		6.75*	1
	151*		103	6-1-1888	.65			32.5	
	161		103	6-1-1888	.24			12	
	174	713	30	5-1-1865	.54			27	61.119
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	.80			40	
		66-A	4-1-1878			.80		40	
		66-C	4-1-1878			1.40		70	
		66-D	4-1-1878			.80		40	
		85-D	5-1-1883			.7506		37.53	
		136	5-1-1906			.356		17.8	
	57		65	6-1-1877	.60			30	
	64*		102	6-1-1888	.20*			10*	
	140*		85-D	5-1-1883		.06*		3*	
	151		124-A	5-1-1893		.135		6.75	
	161*		103	6-1-1888	.65*			32.5*	
	174*		103	6-1-1888	.24*			12*	15.25

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-0

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	INTERVENORS			AMOUNT DECREE	
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	TOTAL DEC. FT.
MIDDLETON WATER	36		65	6-1-1877	114.08			5704	
	57*		35	6-1-1867	.38			19	
	61		65	6-1-1877	.60*			30*	
	84*		31-B	6-1-1866				30	
	126		65	6-1-1877	.80*		.60	40*	
			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	.268*			14.4*	
		393*	120)	6-1-1891					
		754	30	5-1-1866	.40			20	62.962
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. 25-6

NAME OF CANAL	CHANGE IN P. OF L.	TRANSFER	PRIORITY		AMOUNT DECREE			TOTAL SEC. 71.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
CANYON COUNTY			35	6-1-1867	75.00			
	20		35-A	6-1-1867		1.76		3790
	26*				1.00			86
	54*		35	6-1-1867	.38*			50
	59		35	6-1-1867	1.11*			19*
	75		31	6-1-1866	2.50			55.5*
	147				.50			130
			35	6-1-1867	.20			25
								10
								80.27
LEWIS CATCH			25-A	1865		6.00		300
								6.00
DONAY & HAMING			48	6-1-1870	2.50			130
			64	6-1-1877	.90			45
			118	6-1-1891	2.20			110
								5.70
THOS. Aiken			63	6-1-1877	5.20			260
								5.20
CATLIN & MACE			5	6-1-1864	2.86			143
	179*		52	6-1-1871	7.86			363
			5)	6-1-1864				
			52)	6-1-1871	.24*			12*
			136	6-14-1912		.40		20
								10.08
MACE & MACE			137	5-1-1909		1.60		80
								1.60
HART & DAVIS			6	6-1-1864	3.30			165
			57	6-1-1872	4.40			220
			58	6-1-1872	3.30			165
	38*)				1.04*			52*
	39*)							9.96
GRAHAM & GILBERT			12	6-1-1865	4.40			220
								4.40
WARM SPRINGS SLOUGH			61	6-1-1876	2.30			115
			80	6-1-1882	1.60			80
			82	6-1-1882	.44			22
			83	6-1-1882	.44			22
			84	6-1-1882	1.36			60
			85	6-1-1882	2.20			110
			85-A	6-1-1882		1.60		80
	63*		85-A	6-1-1882		.72*		36*
								9.22
JOFLIN			81	6-1-1882	.80			40
			115	6-1-1889	.06			3
			116	6-1-1889	1.20			60
								2.06
SEVEN SUCKERS	30				1.04			52
	30							
	179		5)	6-1-1864	.24			12
			52)	6-1-1871				1.28

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

CHART NO. 25-F

AMOUNT DECREE

NAME OF CANAL	CHANGE IN P. OF L.	TRANSFER	PRIORITY		STEWART DECREE	INTERVINDORS		TOTAL SEC. FT.
			NO.	DATE		STEWART DECREE	BRYAN DECREE	
PHYLLIS			90	6-1-1884	53.10			
			117	9-1-1890	200.00			
			135	4-1-1904	56.34			
				4-1-1905			306.56	
				4-1-1908			54.50	
								670.50
EUREKA NO. 1			13	6-1-1865	33.32			
								1666
								33.32
CALDWELL HIGH LINE			34	6-1-1866	15.40			
			46	6-1-1869	37.20			
			77	10-29-1880	27.60			
	29*				1.00*			
								50*
								79.20
FARMERS CO-OP DITCH			60	6-1-1875	10.00			
			86	6-1-1883	20.00			
			105	7-1-1888	50.00			
			129	7-1-1896	63.50			
				4-1-1905				
			717	9	6-1-1865	.64	154.45	
								32
								318.99
CANYON DITCH CO.			132	5-17-1900	10.00			
			134	10-25-1901	5.54			
			38	96	10-1-1887	12.10		
			105	9	6-1-1865	.50		
								25
								28.14
STEENBERG			9	6-1-1865	13.42			
			105*	9	6-1-1865	.50*		
			717*	9	6-1-1865	.64*		
								671
								25*
								32*
								12.26
RIVERSIDE			88	6-1-1883	12.00			
			91	6-1-1884	20.00			
			95	1-23-1887	4.00			
			124	5-1-1893	80.00			
			130	10-1-1899	20.00			
			133	6-1-1901	70.00			
			77-A	4-15-1882		3.674		
			116-A	6-1-1890		.72		
			116-B	6-1-1890		.10		
			116-C	6-1-1890		.40		
				4-1-1910			63.78	
				4-1-1914			17.70	
			606*	88	6-1-1883	1.00*		
			644*	88	6-1-1883	.70*		
			660*	88	6-1-1883	.60*		
					2.00			
			88	6-1-1883	1.70*			
	35							
	175*							
								50*
								35*
								30*
								100
								85*
								290.374

* SUBTRACT

STEWART AND BRYAN DECREE (DOWEL UNDER CANAL HEALINGS)

CHART NO. 25-G

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREE				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
PIONEER DIXIE			8	6-1-1864	20.00			1000	
			45	6-1-1869	35.44			1772	
		36	96	10-1-1887	2.00			100	
		48	96	10-1-1887	4.20			210	
		62*	96	10-1-1887	1.00*			50*	
		111*	8)	6-1-1864					
			45)	6-1-1869	20.34*			1017*	
		608	88	6-1-1883	1.00			50	
		644	88	6-1-1883	.70			35	
		660	88	6-1-1883	.60			30	
	35*				2.00*			100*	
	148*		96	10-1-1887	1.50*			75*	39.10
EUREKA NO. 2			89	11-9-1883	21.70			1085	
		47	96	10-1-1887	29.50			1475	
		62	96	10-1-1887	1.00			50	
		71	24	6-1-1865	.80			40	
	85			6-1-1865	.50			25	
		111*	96	10-1-1887	1.20*			60*	
	131*		89	11-9-1883	.70*			35*	
	159			6-1-1865	.10			5	
	175		88	6-1-1883	1.70			85	53.40
	224*		89	11-9-1883	.90*			45*	52.95
UPPER CENTER POINT	245*		89	11-9-1883	.60*			30*	52.35
			23	6-1-1865	3.20			160	
			24	6-1-1865	2.40			120	
			25	6-1-1865	3.94			197	
			26	6-1-1865	1.60			80	
			27	6-1-1865	1.58			79	
		71*	24	6-1-1865	.80*			40*	
	85*			6-1-1865	.50*			25*	
	148		96	10-1-1887	1.50			75	
	159*			6-1-1865	.10*			5*	12.82
LOWER CENTER POINT			19	6-1-1865	2.88			144	
			20	6-1-1865	6.40			320	
			21	6-1-1865	2.90			145	
			22	6-1-1865	3.20			160	
			38	6-1-1868	3.20			160	
			43	6-1-1869	3.60			180	
			73	6-1-1879	4.00			200	
			19	6-1-1865	2.88*			144*	
	50*		20	6-1-1865	6.40*			320*	
	51*		89	11-9-1883	.70			35	17.60
	131		89	11-9-1883	.60			30	18.20
	245								
BOWMAN & SMISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.80*			40*	8.46
	224		89	11-9-1883	.90			45	9.38
WATSON			41	6-1-1869	1.80			90	
			68	6-1-1878	4.20			210	
			69	6-1-1878	3.36			168	
			70	6-1-1878	8.80			440	
	176*		70	6-1-1878	8.80*			440*	9.36

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-H

NAME OF CANAL	CHANGE IN P. OF I.	TRANSFER	PRIORITY		AMOUNT DECREE				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
HAAS DITCH	176		39	6-1-1868	8.54				
			70	6-1-1878	8.20			427 440	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	1890		3.20		160	
			20	6-1-1865	.80			40	4.00
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
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	6-1-1886	.90			45	
			121	6-1-1891	3.50			175	23.50
PARMA DITCH			71	6-1-1878	4.40			220	
			74	6-1-1880	1.75			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	11.96
O'CONNELL DITCH	227 *		114-A	5-1-1889		1.60		80	
			114-B	5-1-1889		.80		40	2.40
			114-A	5-1-1889		1.60*		80*	.80
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		80	1.60
ROEHL, EARL F. & OTTO B.			65-A	5-1-1875		3.20		160	160

TABLE SHOWING FLOWRIGHT RIGHTS (ESTIMATED FLOW IN CFS) IN FLOW RIGHT

CHART NO. 26

NECESSARY AT DIVERSION DAM TO FILL DAM

NAME	RIVER SECTION	100% OF DEGREE	75% OF DEGREE	50% OF DEGREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1 THOMAS DAVIS	1	2.20	1.65	1.32			
2 JACOBS CANAL CO.	1	20.00	20.00	20.00		1073.71	1305.35
3 LITTLETON MILL DITCH CO.	1	12.80	9.60	7.68			
4 THOMAS ANDREWS	3	3.30	2.48	1.98		1075.63	1300.55
5 CATLIN & WACE	1	2.86	2.15	1.72			
6 T. C. CATLIN	1	3.30	2.48	1.98		1076.06	1300.27
7 C. C. HAYES	1	3.30	2.48	1.98		1076.56	1301.09
8 PIONEER LIXIE DITCH CO.	2	20.30	15.20	12.00		1077.06	1301.91
9 ALBANY HALLER	1	.80	.60	.48			1306.91
10 FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08		1077.18	1307.11
11 STEINBERG	2	13.42	10.07	8.05		1077.45	1307.56
12 ALLEN & MCMASTER	1	1.20	.90	.72			1400.91
13 J. F. YARLAN	1	.66	.50	.40		1077.63	1401.21
14 GRAHAM & VILBERT	1	4.40	3.30	2.64		1077.73	1401.37
15 BLUECKA WATER CO.	1	33.32	24.99	19.99		1078.39	1402.47
16 NEW UNION DITCH CO.	1	13.76	10.32	8.26		1083.30	1410.80
17 BOISE VALLEY IRR. CO.	1	54.58	40.94	32.75		1085.45	1414.24
18 RIDENBACH & ROSE	1	9.20	6.90	5.52		1093.64	1427.88
19 RIDENBACH & ROSE (POWER)	1					1095.02	1430.13
20 DENVER & IRANO LAND CO.	1	.80	.60	.48			1430.38
21 MARTHA ROMAN	2	2.98	2.15	1.73		1095.14	1431.10
22 BIRD ROMAN	2	6.40	4.80	3.84			1431.10
23 C. R. GESS	2	2.90	2.18	1.74			1432.70
24 ROBERT MCQUIRE	2	3.20	2.40	1.92			1433.42
25 C. R. COOPER	2	3.20	2.40	1.92			1434.22
26 J. W. ROWLAND	2	2.40	1.80	1.44			1435.02
27 CHAPIN & WELLS	2	3.04	2.28	1.82			1435.62
28 THOMAS J. PALMER	2	1.60	1.20	.96			1436.50
29 NOAH K. PALMER	2	1.98	1.49	1.19			1437.00
30 J. M. TUCKER	3	7.00	5.25	4.20			1437.39
31 THOMAS ANDREWS	3	6.00	4.50	3.60			
32A LOUISE SIMMONSON	1	6.00	4.50	3.60		1096.04	1438.99
32B S. W. WHITE & AMELIA LIDLEY	1	.50	.38	.30		1096.12	1439.04
33 J. P. BARNETT & R. JOHNSON*	1	50.00	50.00	50.00			
34 WILLIAM R. KENNEDY	1	2.60	1.95	1.56		1096.51	1439.66
35 W. M. MOSE	1	2.30	1.73	1.38		1096.86	1440.23
36 KENNEDY & JERRY CO. ZELS	1	.50	.45	.36		1096.95	1440.38
37 ALBERT C. GOMERMAN	1	1.10	.83	.66		1097.12	1440.65
38 MANVILLE & LEONARD	1	3.50	2.63	2.10		1097.65	1441.52
39 BOISE CITY CANAL CO.	1	38.06	28.55	22.83		1098.37	1451.03
40 FRANKLIN DITCH CO.	1	15.40	11.55	9.24		1105.68	1454.88
41 CANYON COUNTY WATER CO.	1	75.00	56.25	45.00		1117.05	1473.83
42 RALPH T. KNIGHT	1	1.76	1.32	1.06		1117.31	1474.27
43 MARTHA E. MCCARTHY	1	11.10	8.33	6.66	8.46	1118.43	1477.79
44 H. L. & J. W. JOHNSON	1	3.70	2.78	2.22	10.68	1119.96	1478.71
45 T. L. JOHNSON	2	3.20	2.40	1.92			1479.51
46 ROSS, ALLEN, LIDLEY & BROS	3	6.54	4.91	3.92			
47 S. J. GRAY	1	1.40	1.05	.84	11.52	1120.20	1479.86
48 JOHN VAMEN	3	1.90	1.43	1.14			
49 ISAAC DETAL	1	1.60	1.20	.96	12.48	1120.41	1480.26
50 FRED RICH DIT	2	3.60	2.70	2.16			1481.16
51 FRED RICH DIT	3	6.50	4.88	3.90			
52 PIONEER LIXIE DITCH CO.	2	35.44	26.58	21.26		1126.02	1490.02
53 MINOR WHEELER DITCH CO.	1	32.20	24.15	19.32	34.50		1499.32
54 T. R. BOYER	3	3.50	2.63	2.10			
55 ALBANY HALLER	1	.80	.60	.48	35.28	1126.14	1499.52
56 S. J. HARRING	1	2.50	1.88	1.50	36.84	1126.33	1500.17
57 PIONEER CANAL	1	25.72	19.28	15.43	52.27	1130.39	1504.50
58 BARRON LUSHER CO.	1	2.24	1.68	1.34	53.61	1130.73	1507.16

* THESE RIGHTS HAVE BEEN ABANDONED BY THE SUPREME COURT AND ARE NOT SET FORTH EXCEPT

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

CHART NO. 26-A

NECESSARY AT DIVERSION DAM TO FILL SAME

NAME	RIVER SECTION	100% OF DEGREE	75% OF DEGREE	50% OF DEGREE	FLOW NECESSARY TO FILL TO 50%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
51 THOMAS ANDREWS	3	1.30	.58	.78			
51A S. L. HARTIES & JAMELIA EISLEY	1	1.00	.75	.60	54.21	1130.80	1507.41
52 CATLIN & MADE	1	7.86	5.90	4.72	58.93	1132.06	1509.37
53 PETER MEEVES	1	1.80	1.35	1.05	60.01	1132.33	1509.82
54 MIDDLETON MILL DITCH CO.	1	23.70	25.28	20.22	80.23	1137.39	1513.24
55 J. F. VARYAN	1	.70	.53	.42	80.35	1137.50	1518.41
56 J. F. VARYAN	1	1.40	1.05	.84	81.49	1137.71	1518.76
57 MARY C. DAVIS	1	4.40	3.30	2.64	81.13	1138.37	1519.86
58 EDWARD N. HART	1	3.30	2.48	1.98	86.11	1138.87	1520.88
59 T. W. BOONE	3	2.20	1.65	1.32			
60 FARMER'S COOP. DITCH CO.	2	10.00	7.50	6.00			1523.12
61 EDWARD & MARY CLARK	1	2.30	1.73	1.38	87.49	1139.22	1523.75
62 JOHN CEDIL	1	.44	.33	.26	87.75	1139.29	1523.83
63 THOMAS AITKEN	1	5.20	3.90	3.12	90.47	1140.07	1525.16
64 W. H. CONWAY	1	.90	.68	.54	91.41	1140.21	1525.38
65 MIDDLETON WATER CO.	1	114.02	85.50	68.45	158.86	1157.32	1553.90
66 PERRAULT & JOHNSON (POWERS)							
66A J. C. BLAIR	1	.80	.60	.48	150.34	1157.44	1554.10
66C J. T. MELANDER	1	1.40	1.05	.84	151.18	1157.65	1554.45
66D W. T. GRIFFITH	1	.80	.60	.48	151.56	1157.77	1554.65
67 NAMP, MERITIAN TRAIL, DIST.	1	170.00	127.50	102.00	263.56	1183.27	1597.15
68 JOHN HAMMON	3	4.20	3.15	2.52			
69 JULIA HAMMON	3	3.30	2.52	2.02			
70 CHARLES ALLEN	3	8.80	6.60	5.28			
71 R. H. STOCKTON	3	4.40	3.30	2.64			
71A ISLAND WHEELIE DITCH CO.	3	3.00	2.25	1.80			
72 NEW DRY CREEK DITCH CO.	1	31.22	23.41	18.79	292.45	1187.77	1604.98
73 L. HUMFORD	2	4.00	3.00	2.40			1605.99
73A DOBLE & SONDER	1	.54	.41	.32	292.77	1188.06	1606.11
74 DAVID STOCKTON	3	1.75	1.32	1.06			
75 ISHAM JOPLIN	1	2.40	1.80	1.44	294.21	1188.42	1606.71
75A C. B. FRANK	1	.915	.68	.54	294.70	1188.54	1606.92
75A ALBERT LEUP ET AL	3	3.20	2.40	1.92			
76 JOSEPH DOBLE	1	.90	.68	.54	295.24	1188.68	1607.14
77 FRANKLIN DITCH CO.	1	27.60	20.70	16.56	301.80	1192.82	1614.04
77A GUS A. BARTH	3	1.80	1.35	.96			
77A CHARLES JORDAN	3	.34	.26	.20			
77C JAMES FINLAY	3	.80	.60	.48			
77D LESTER J. SHIPPY	3	1.30	.96	.78			
77E ROD HELMS	2	3.674	2.76	2.20			1614.95
78 ALLEN V. WEBSTER	1	.90	.68	.54	302.34	1192.96	1615.17
79 ROSE CAMPBELL	1	.60	.45	.36	303.70	1193.05	1615.32
80 J. T. BARETT	1	1.60	1.20	.96	303.66	1193.29	1615.72
81 SONORA JOHNSON	1	3.40	2.55	2.04	305.70	1193.80	1616.57
82 S. V. HUTCHINSON	1	.44	.33	.26	305.96	1193.97	1616.68
83 JOHNSON	1	.44	.33	.26	306.42	1193.94	1616.79
84 ANDREW J. JOPLIN	1	2.86	2.15	1.72	307.24	1194.37	1617.90
85 JAMES L. GRAHAM	1	2.20	1.65	1.32	309.26	1194.70	1618.35
85A LEO HARTERS	1	1.80	1.35	.96	310.22	1194.94	1618.45
85B JACOB BINGHAM	1	1.70	.75	.60	310.32	1195.09	1618.70
85C WM HUCKBA	1	.203	.15	.12	310.64	1195.12	1618.75
85E C. H. SCHMELZER	1	.7506	.56	.45	311.30	1195.23	1618.84
85E C. W. McCLURG	1	.35	.26	.21	311.60	1195.28	1619.03
86 FARMERS COOP. DITCH	2	20.00	15.00	12.00			1624.03
87 FRANCIS M. JOPLIN	1	.90	.68	.54	312.14	1195.42	1624.25
88 W. A. BLACK	2	12.00	9.00	7.20			1627.25
89 EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1632.67
90 PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	344.00	1203.39	1645.94

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

CHART NO. 26-B

NECESSARY AT DIVERSION CAN TO FILL SAME

NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
91 RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			
92 SETTLERS CANAL CO.	1	99.06	74.30	59.64			1650.94
93 NEW DRY CREEK CO.	1	15.22	11.42	9.13	403.44	1216.25	1675.70
94 THOMAS DAVIS	1	13.40	10.05	8.04	412.57	1220.54	1679.50
95 W. E. & L. E. YOUNG	2	4.00	3.00	2.40	420.61	1222.55	1682.15
96 AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68			1683.85
97 NEW DRY CREEK DITCH	1	7.85	5.90	4.72	425.32	1223.73	1695.80
98 A. V. LINDER	1	4.00	3.00	2.40	427.73	1224.33	1696.76
99 LEVI SMITH	1	1.30	.99	.76	426.51	1224.53	1699.08
100 CHARLOTTE CALHOUN	1	1.40	1.05	.84	429.35	1224.74	1699.43
101 ED J. LINDER	1	1.46	1.10	.88	430.23	1224.96	1699.79
102 LIZZIE EVERETT	1	1.20	.90	.72	430.95	1225.14	1700.09
103 JESSIE WILSON	1	1.40	1.05	.84	431.79	1225.35	1700.44
104 THOMAS ANDREWS	3	.90	.68	.54			
105 FARMERS COOP. DITCH	2	50.00	37.50	30.00			1712.94
106 NAMPA MERIDIAN IRR. DIST.	1	361.94	271.46	217.16	648.95	1279.65	1803.42
106 BOARD OF CONTROL	1	8.90	6.67	5.34	654.79	1280.98	1805.65
107 CHARLES S. MILLER	1	.06	.05	.04	654.73	1280.99	1805.66
108 LAMMIS L. MOSLEY	1	.02	.015	.01	654.34	1280.99	1805.67
109 S. J. UTTER, & C. B. TAYLOR	1	2.40	1.80	1.44	655.78	1281.25	1806.27
110 SOUTH BOISE MUTUAL IRR. CO.	1	6.00	4.50	3.60	659.38	1282.25	1807.77
111 ESTATE OF J. H. LALLAGHER	1	2.94	2.21	1.76	661.14	1282.70	1808.50
112 ANNA H. EDGARTY	1	.05	.04	.03	661.17	1282.71	1808.51
113 GRACE CALL	1	.10	.08	.06	661.23	1282.73	1808.53
114 SAMUEL H. DANFIELD	1	.09	.07	.05	661.25	1282.73	1808.54
114A NEIL & PATRICK O'DONNELL	3	1.60	1.20	.96			
114B OUS A. BARTH	3	.80	.60	.48			
115 SONORA JOPLIN	1	.06	.05	.04	661.29	1282.74	1808.55
116 SONORA JOPLIN	1	1.20	.90	.72	662.01	1282.92	1808.65
116A S. G. HARTLEY & MELBA FISLEY	1	.84	.63	.50	662.51	1283.05	1809.06
116A ANNA SPENDER	2	.72	.54	.43			1809.24
116B WILLIS SPENDER	2	.10	.08	.06			1809.26
116C REBECCA BELL	2	.40	.30	.24			1809.36
117 PIONEER IRR. DIST.	1	200.00	150.00	120.00	762.51	1313.05	1859.36
118 W. H. CONRAY	1	2.20	1.65	1.32	713.83	1313.38	1859.91
119 THOMAS DAVIS	1	.54	.41	.32	784.15	1313.47	1860.04
120 MIDDLETON MILL DITCH	1	17.00	12.75	10.20	794.35	1316.02	1864.29
121 THOMAS ANDREWS	3	3.50	2.63	2.10			
122 SETTLERS CANAL CO.	1	73.44	55.08	44.06	838.41	1327.04	1882.65
123 THOMAS Aiken	1	.60	.45	.36	838.89	1327.16	1882.85
124 RIVERSIDE IRR. DIST.	2	80.00	60.00	48.00			1902.65
124A W. C. CHARTERS	1	.825	.62	.50	839.39	1327.28	1903.06
125 R. H. STOCKTON	3	1.76	1.32	1.06			
126 FARMERS UNION DITCH	1	110.00	82.50	66.00	905.39	1343.78	1930.56
127 CHARLES REIN & JAMES KEDGH	1	1.00	.75	.60	905.99	1343.93	1930.81
128 MATHEW CASEY	1	.66	.50	.40	906.39	1344.03	1930.97
129 FARMERS COOP. DITCH	2	83.50	62.63	50.10			1951.84
129A H. E. PLAIN	1	.54	.41	.32	906.71	1344.12	1951.97
130 RIVERSIDE IRR. DIST.	2	20.00	15.00	12.00			1956.97
131 NEW YORK CANAL CO.	1	215.10	164.33	131.46	1038.17	1376.59	2011.74
132 CANYON DITCH CO.	2	10.00	7.50	6.00			2014.24
133 RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2031.74
134 CANYON DITCH CO.	2	5.54	4.16	3.32			2033.12
135 PIONEER IRR. DIST.	1	56.34	42.26	33.80	1071.97	1385.45	2047.20
136 H. E. KIMER	1	.256	.27	.21	1072.16	1385.51	2047.29
137 B. R. WEAVERLING	1	1.60	1.20	.96	1073.14	1385.75	2047.69
137A ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20			
138 WESLEY A. MADE	1	.40	.30	.24	1073.38	1385.81	2047.79
139 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	40.65	32.68	2080.47	3843.43	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	2926.54	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
1-13-11	UNITED STATES OF AMERICA (ARROWROCK STORAGE)	8000.00					13026.88
4-1-14	RIVERSIDE IRRIGATION DIST.	17.70					13044.58

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

