

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1956**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1956

(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 60 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 and 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 1939.

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 beginning 1940.
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 and 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 1956 was the same that it has been for several years past. It includes a Chairman and Secretary, a Watermaster, one Assistant for a few months during the summer, and a part-time stenographer.

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

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

T. M. DeCoursey, Chairman
O. L. Greer, Secretary
Ernest Anderson
O. W. Bunton
John Demond
Wm. Wymer
George M. Olsen
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 annual flow for the calendar year 1956 was 3,046,462 acre feet and for the irrigation year was 3,172,944 acre feet. Precipitation was above normal and the snow pack was heavy as of April 1. Considerable water was wasted and some damage was done on the lower part of the river. April was dry until the 26th when 1.06 inches of rain was recorded in Boise. May was above normal and June about normal in temperature and precipitation. Irrigation started early in April and demand was strong

throughout the entire season. The river went above 10,000 second feet from April 14 to May 11 and from May 18 to June 14. The highest flow was 22,949 second feet on May 25 and the lowest 714 second feet on August 29. The gates at Lucky Peak Dam were closed October 13.

CANAL REGULATIONS

It was necessary to begin canal regulations July 2.

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

Fluctuations of river flow were much less both in number and severity than in any year since Lucky Peak Dam has been in operation. Mechanical difficulties have been corrected and the erosion of the concrete on the

flip buckets arrested. The operating personnel at Lucky Peak Dam have been very cooperative. A gaging station in the river below Diversion Dam with a constant level gage in the control room at Lucky Peak Dam would enable the operating personnel to hold the river fluctuations to an absolute minimum.

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 297 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 1073 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 regula-

tions 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 waterusers 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 1939. 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 226,785 acre feet of water in Anderson Ranch Reservoir, 288,460 acre feet in Arrowrock and 283,516 acre feet in Lucky Peak. No water is being released from Anderson Ranch Reservoir, approximately 2000 second feet from Arrowrock Reservoir and 4550 second feet from Lucky Peak Reservoir in anticipation of a near normal run-off.

FLOOD CONTROL

Lucky Peak Dam is completed and 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.

Estimated Construction Costs	1,000,000
For Storage	100,000
For Power Plant	100,000
Telephone	20,000
Office Buildings	20,000
Engineering Services	20,000
Insurance	20,000
Special Surveying Fee	20,000
Land Survey	20,000
Total	1,300,000

Estimated required by State Project about 200,000
 Total cost of project about 1,500,000

COST REPORT - 1956

Watermaster Salary	\$5,400.00
Assistant Watermaster Salary	1,045.80
Car Mileage	856.87
Miscellaneous	477.71
Telephone	253.47
Office Rent	240.00
Stenographic Services	195.00
Insurance	99.86
Social Security Tax	121.56
Snow Survey	<u>442.38</u>
Sub-total	\$9,132.65
Services rendered by Boise Project Board of Control . .	\$780.00
TOTAL COSTS TO WATER DISTRICT 12-A FOR 1956	\$9,912.65

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 reach 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.

* * * * *

R. 2 W.

Department of the Interior
United States Reclamation Service
Boise Project Idaho

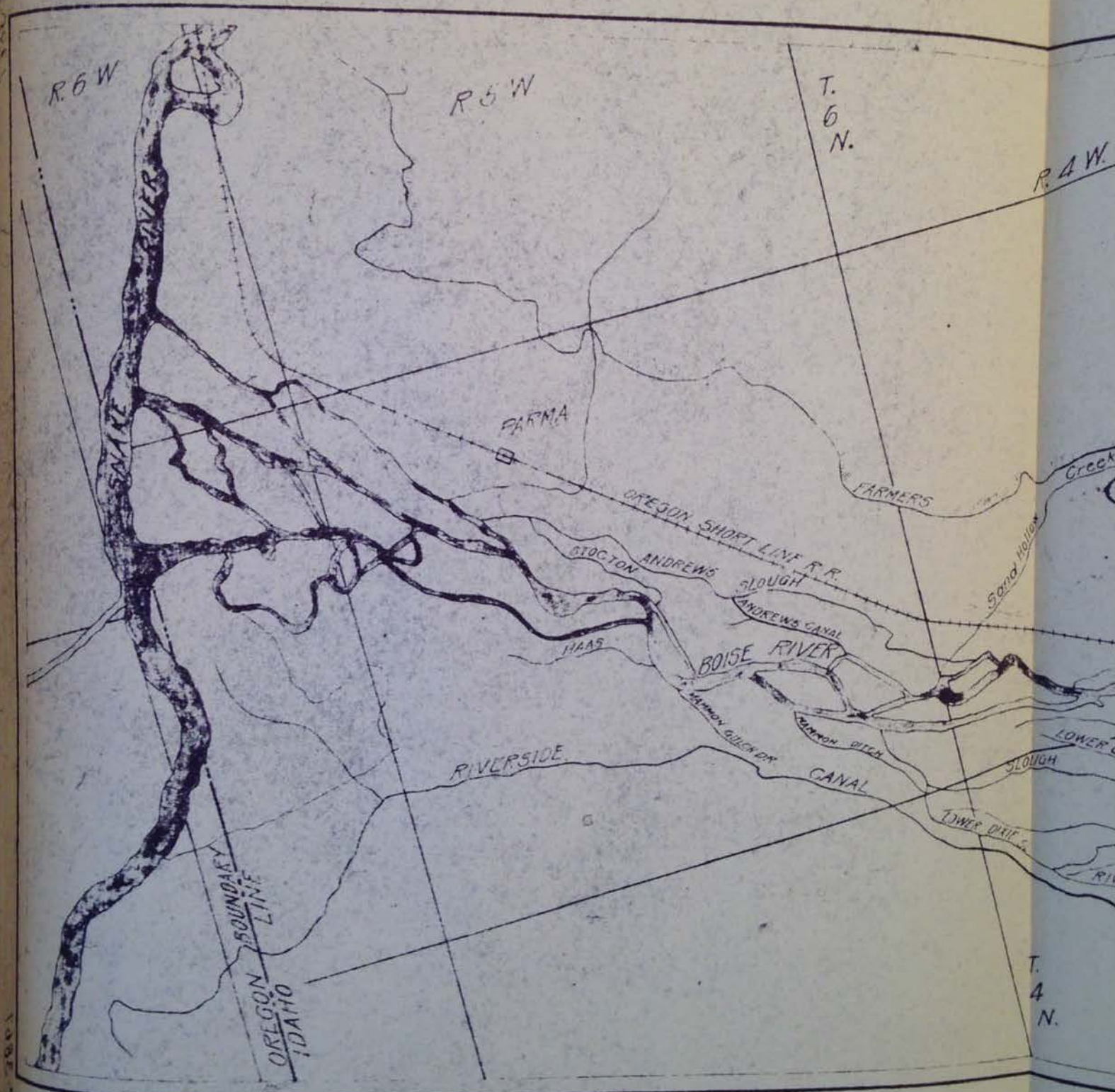
DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER

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





R. 4 W.

R. 3 W.

SPRING NORTHERN RAILWAY



WEST HARTLEY GULCH

GULCH

EAST HARTLEY

WILLOW

GALDWATER

Creek

Sand Hollow

COOPERATIVE

NOTUS

CANAL

CAMPBELL BRIDGE (GARDEN)

SILVERBROOK

CHANDLER BRIDGE

LOWER CENTER POINT

CURENA

UPPER CENTER POINT

NOT

(AMERICAN CANAL)

PIONEER

DIXIE

RIVERSIDE

RIVERSIDE WASTE

PIPE GULCH

T. 4 N.

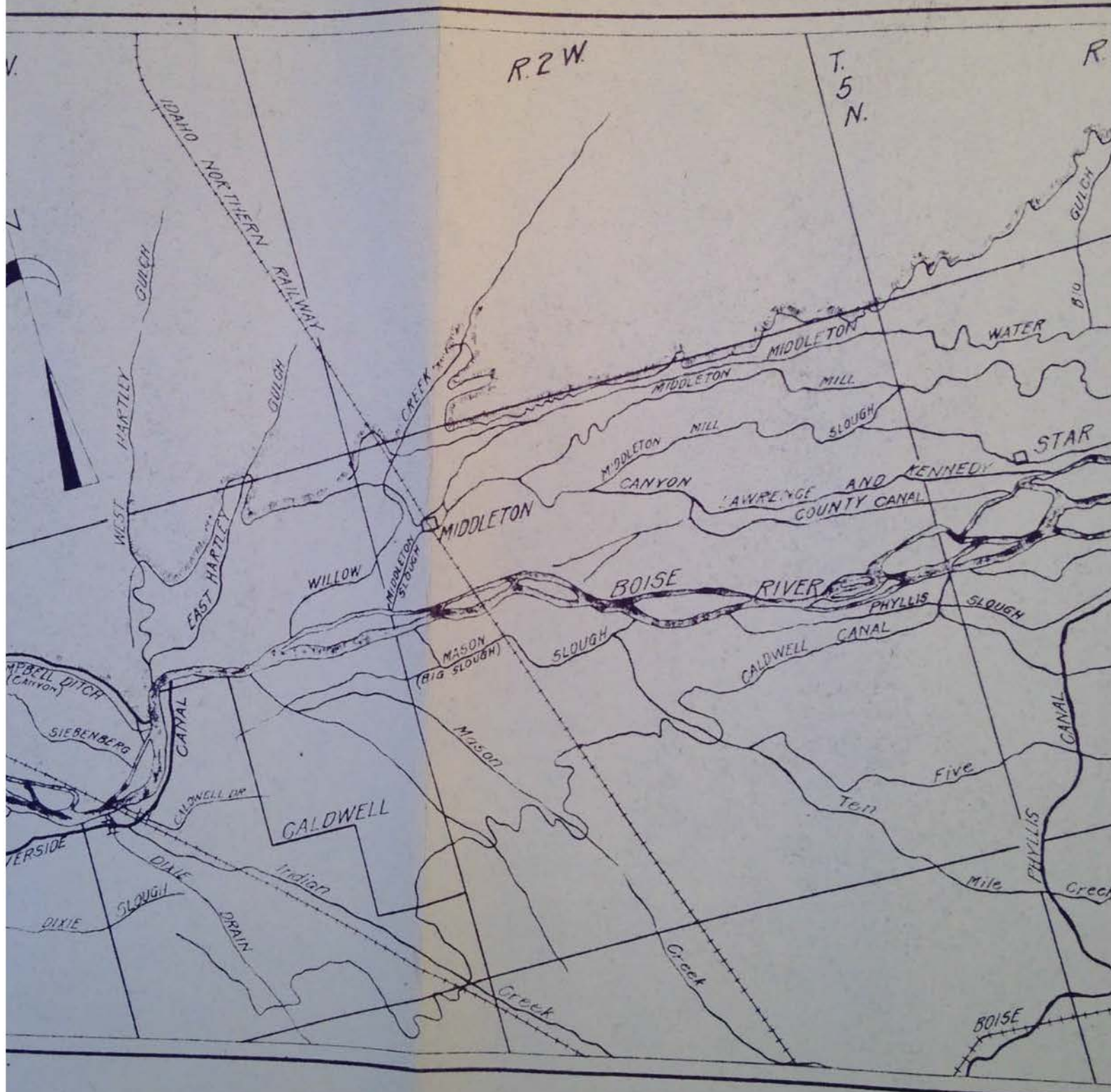
SLOUGH

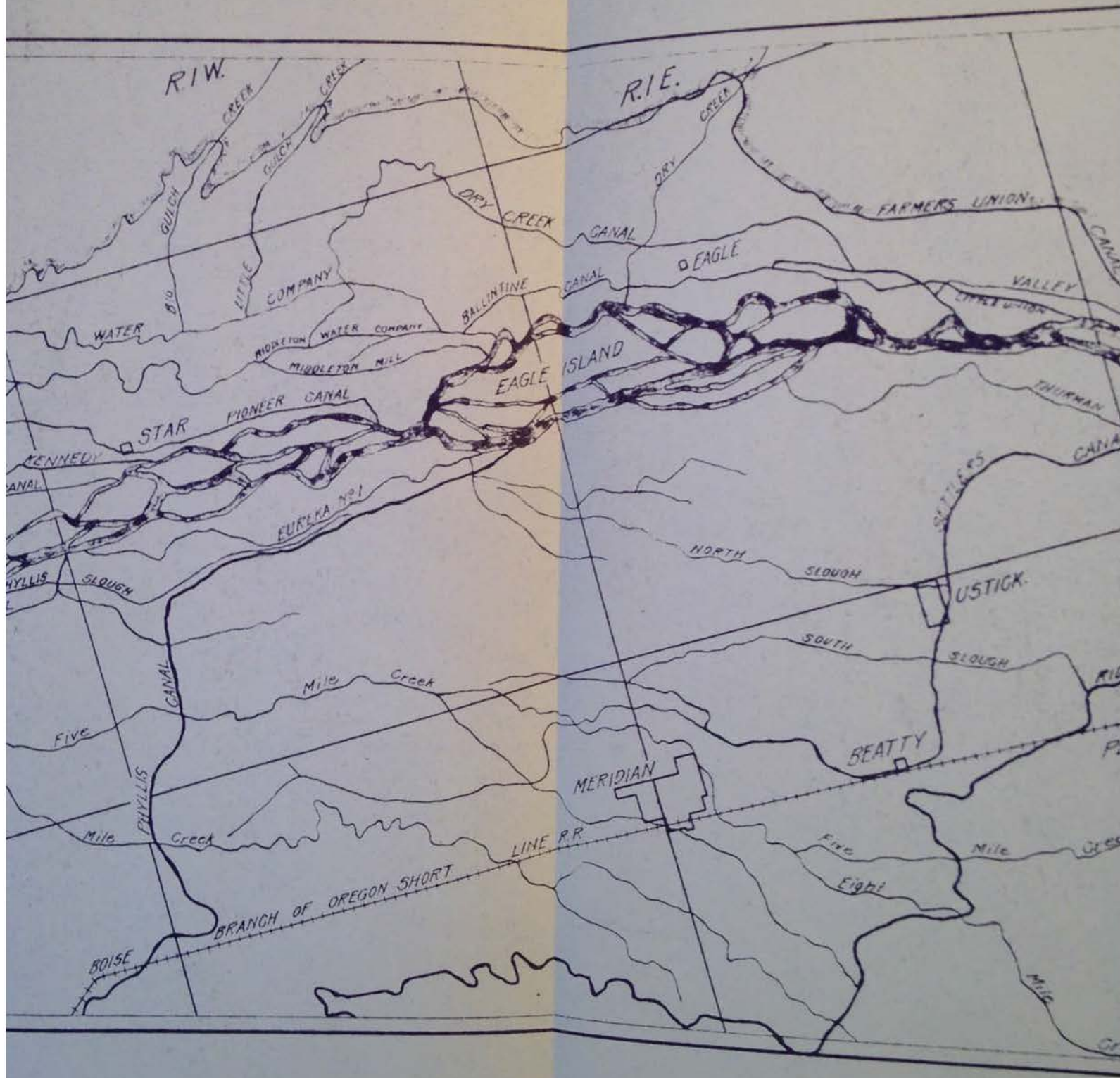
TOWER DIRT

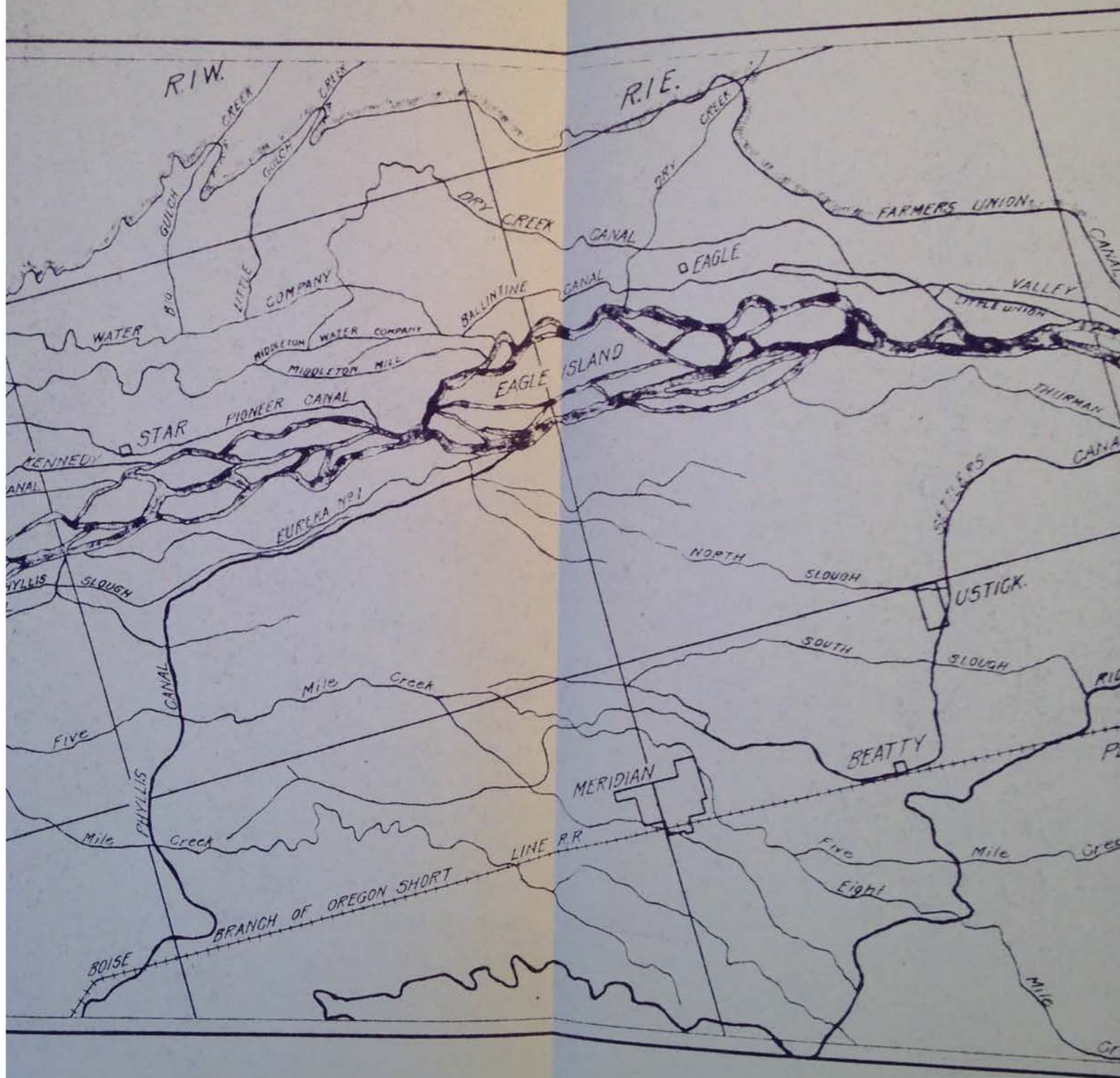
DIXIE

SLOUGH

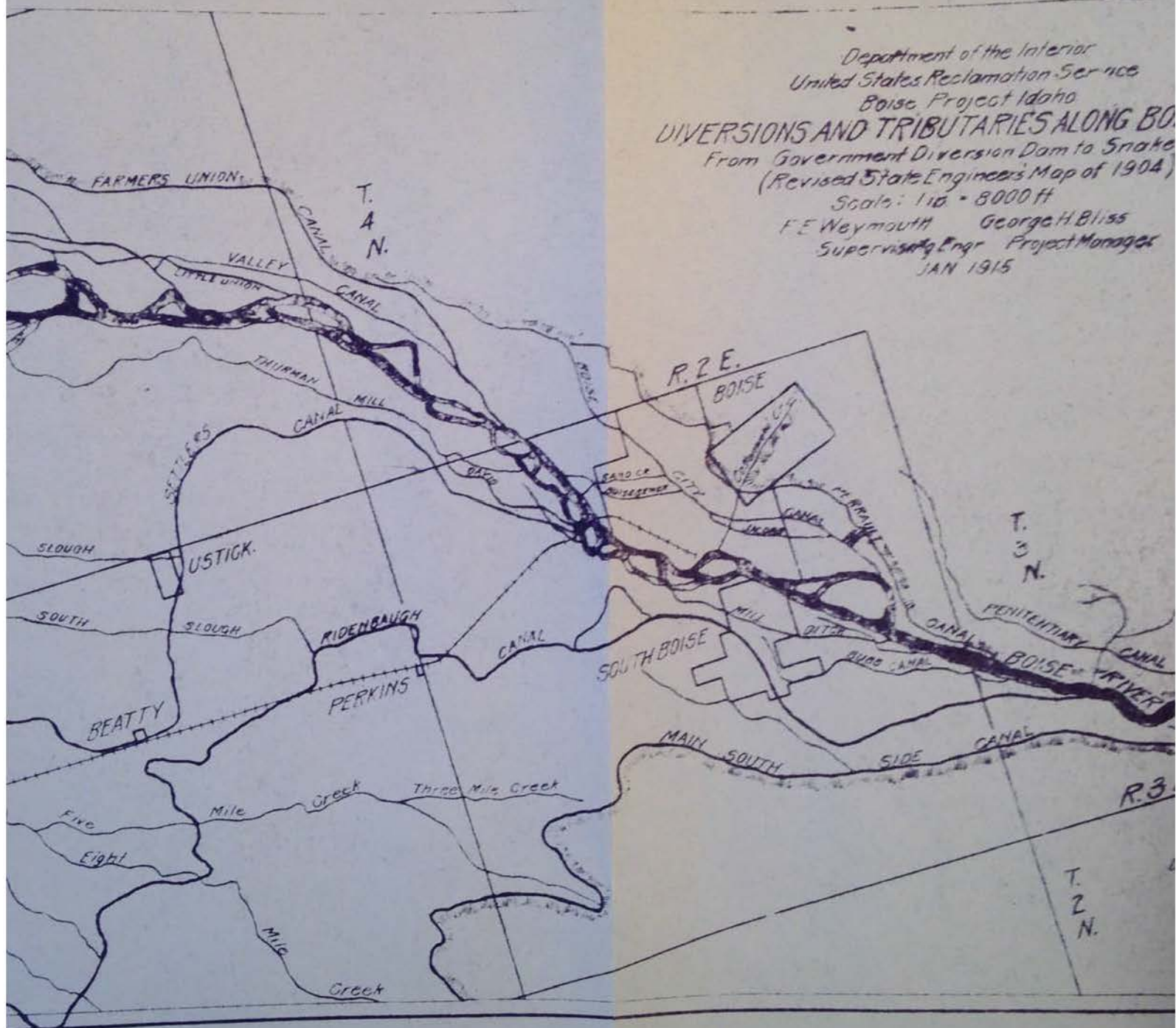
ROAD







Department of the Interior
 United States Reclamation Service
 Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG BO.
 From Government Diversion Dam to Snake
 (Revised State Engineer's Map of 1904)
 Scale: 1 in. = 8000 ft
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Department of the Interior
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DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER
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JAN 1915



NATURAL FLOW OF

BEGINNING

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	953	664	662	690	704	967	890	959	778	857	761	699	622	926	1076	929	927	878
1942	612	612	612	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	731	1306
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1550	1636	1300	1100
1944	998	895	979	759	575	685	876	673	670	671	674	676	604	668	962	934	945	1042
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1305	1169	1052
1946	2583	2012	2128	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057	983	866	1214	1246
1947	820	1062	923	620	688	986	1017	1016	905	903	1186	1033	1074	1052	788	753	786	733
1948	661	943	884	972	1020	1111	1140	2183	2282	1553	1571	1494	1005	866	810	842	940	948
1949	866	878	818	730	730	825	800	322	861	868	773	760	777	824	830	850	841	814
1950	641	735	654	772	509	645	847	894	903	955	952	707	558	894	624	760	832	706
1951	1120	993	1241	1259	997	1017	1000	743	949	1190	1294	1158	1361	1167	1121	1230	1404	1165
1952	799	526	852	469	1009	989	898	1152	1046	936	1195	1463	1735	904	1285	1544	1618	581
1953	776	694	1345	786	691	810	1165	731	1103	1275	1657	1090	1736	2377	1738	1741	1662	2309
1954	809	936	940	954	954	962	997	945	910	893	860	955	911	874	846	824	831	862
1955	853	737	700	698	698	724	736	741	744	746	752	754	755	754	758	774	731	805
1956	2721	2652	2611	2605	2451	2272	1972	1955	1790	1787	1698	1702	1855	1891	2179	2652	3282	4416

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	1100	1102	1241	1435	1469	1236	1123	1153	1093	994	104
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	71
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	194
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	705	773	785	906	1053	867	858	97
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	135
1946	1093	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	95
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2099	1896	1897	1937	218
1948	878	983	1021	857	836	842	747	913	727	917	665	601	670	902	970	931	917	886	122
1949	759	801	827	862	873	882	885	890	862	832	801	770	734	659	682	594	682	691	75
1950	633	747	675	1415	1134	1344	1272	1181	1267	1258	1091	990	1165	917	1112	1159	1205	1202	120
1951	757	835	945	1261	2237	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2109	2301	233
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	130
1954	1482	1472	1434	1434	1347	1290	1290	1329	1329	1406	1431	1654	2038	2230	2218	2103	1966	2032	171
1955	614	502	451	422	495	563	734	968	982	898	795	721	718	721	725	754	823	779	75
1956	1201	1210	1211	1358	1774	2202	2563	2693	2863	3147	2443	2120	2017	1798	1686	1358	1311	1380	141

NATURAL FLOW OF BOISE RIVER

CHART NO. 2-L

BEGINNING 1941

JANUARY

3	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
22	926	1076	929	927	878	884	886	890	886	984	917	1030	1215	1172	942	811	808	911	27,130
341	946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
344	1519	1551	1636	1300	1100	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
584	688	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752	24,706
32	1300	1461	1305	1169	1052	1034	1035	704	830	739	663	815	806	737	774	772	684	876	28,125
878	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
074	1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	913	921	986	908	30,181
005	866	810	842	940	948	964	627	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
777	824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
558	884	624	760	832	706	767	1070	1300	1874	2235	2173	1789	1237	1254	1182	1271	1019	833	31,594
361	1167	1124	1230	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	1116	35,328
735	904	1285	1544	1618	581	1254	1132	974	966	1375	1249	1257	987	1452	976	1089	1109	1379	34,200
736	2377	1738	1741	1662	2309	1526	3814	2852	2266	1732	1452	1546	1520	1065	1647	1698	1258	1544	50,611
911	874	846	824	831	862	885	897	967	942	919	1023	1023	1127	1219	1272	1327	1422	1482	30,768
755	754	758	774	791	805	818	815	851	846	821	826	804	752	745	740	721	738	744	23,741
1855	1891	2179	2652	3282	4416	3354	3066	2933	2838	2771	2743	2568	2359	2215	2149	1632	1435	1270	73,757

FEBRUARY

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1469	1236	1123	1153	1093	994	1041	1151	1089	1093	1369	1529	1776	1535	1284	1342				32,684
1118	861	997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
1648	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
773	785	906	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
1500	3131	2857	2051	1874	1500	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
941	961	1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1637	1609				32,902
2090	2423	2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
670	902	970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
734	659	682	504	682	691	753	792	841	846	846	871	901	916	929	945				22,837
1165	917	1112	1159	1205	1202	1207	1299	1223	1221	1410	1412	1935	2020	1996	1975				35,705
3147	3254	3175	2295	2409	2301	2334	2198	1937	2059	1828	1815	1678	2314	1528	2020				63,068
1323	1272	921	1187	1743	1714	1215	1310	1183	1269	1206	1264	942	1120	949	1511	721			36,754
1519	1455	1550	1329	1416	1404	1398	1550	1008	1069	1316	1356	1257	811	1271	1116				44,280
2038	2230	2218	2103	1966	2032	1715	1663	1529	1410	1514	1627	1714	1886	1904	2120				46,637
718	721	725	754	823	779	795	764	721	730	730	738	760	760	763	767				20,223
2017	1798	1686	1358	1311	1380	1402	1448	1590	1615	1680	1590	1703	1588	1590	1842	1772			52,295

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	1678	1858	1941	1823	1679	1516	1569	1473	1700	1708	1648	1770	1272	1495	1480	1218	1284	1712	1967
1942	873	1003	1085	1138	1018	1122	1054	1177	1115	1208	1403	1593	1652	1860	1479	1688	1527	1468	1432
1943	3088	2962	2899	3025	3099	2745	2569	2684	2910	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446
1945	903	1024	1056	1012	816	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304
1946	1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2400	3811	4148	4131	3566	3217	2643	2526	2803
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387
1948	1087	1173	1121	1096	966	976	973	994	997	978	994	1005	1015	1067	1060	1126	1145	1127	1121
1949	1113	1343	1606	1746	1823	1874	1915	1913	1943	1541	2047	1984	1977	2164	2192	2425	2731	2890	2945
1950	2698	2310	2377	2328	2154	2618	2476	2333	2250	2232	1929	1679	1486	1615	1505	1502	2181	3680	4755
1951	1694	1714	1419	1608	2076	1084	1520	1110	995	1322	1138	1412	1368	1360	1451	2022	1927	1967	1719
1952	1278	1325	916	1271	956	864	668	1286	1202	1187	1670	901	1329	853	1348	1688	1028	1861	1725
1953	1423	1403	1427	1099	1399	1165	1474	976	1628	1622	1895	1871	2153	1965	1655	1796	1786	1337	1783
1954	1774	1611	1518	1518	1427	1521	1754	1924	3798	5880	5016	4112	3737	2692	2544	2454	2346	2226	2219
1955	760	812	673	913	1005	1026	994	993	969	912	859	821	805	764	779	819	833	838	850
1956	2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	1314	1314	1473	1789	1791	1952	2153	2508	3242

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2630	3468	3201	3339	3509	3396	3665	3394	3243	2963	2
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5414	6081	7073	8215	8731	9411	8204	6527	6620	6098	5
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16139	16191	18504	20265	21625	22310	23229	25040	23312	22
1944	1584	1786	2125	2665	2726	3144	2693	2599	2622	2606	2376	3092	3326	2841	2721	2302	2377	2310	2015	2
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445	4
1946	6008	4982	4552	4717	4841	5215	6160	6164	6222	5847	5216	5919	7596	10216	12352	13581	14780	17389	19812	18
1947	4810	4145	4006	3747	3576	3468	3305	3129	2954	2778	2635	2807	3063	3230	4470	5633	6148	6379	6440	6
1948	1740	2024	2660	2967	2723	2292	2269	1597	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6
1949	2433	2670	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5866	7130	7765	9413	10
1950	2888	3787	4626	4125	4107	3894	4251	4659	5177	4667	5832	5720	6521	7448	7513	7141	8013	8713	9258	8
1951	3624	3474	4934	5892	7194	8125	9860	10722	10962	10861	10650	9941	9844	11505	11254	13094	10778	11156	11617	14
1952	3257	3410	3389	3710	4755	6639	8222	9276	7782	6988	6943	7144	8421	9827	10983	9842	10395	12428	14961	14
1953	4682	3871	3824	4380	4381	4103	4956	3346	3502	3669	2558	2560	2634	2480	1840	2836	2255	3151	3009	3
1954	1904	1625	1758	2259	3169	4883	5109	4388	4362	4285	4049	4072	4879	6936	7451	7233	7459	9196	10069	9
1955	1161	1221	1221	1230	1285	1641	1927	2300	2280	2257	2591	2482	2364	2264	2054	1886	1821	1952	2165	2
1956	6009	6148	5354	5581	5507	5628	5834	5774	5360	5795	7116	9006	9577	10213	11061	12390	13485	12607	12497	14

CHART 2-M

MARCH

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1218	1284	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1968	2250	43,902
3451	3161	2860	2606	2620	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
681	1156	1442	1446	1399	1366	1122	1135	1463	1175	1149	1154	904	1053	1094	1369	34,047
1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
3217	2643	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
2946	3095	3940	4387	4397	4813	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
1126	1145	1137	1121	1086	1063	1001	1117	1133	1421	1342	1344	1381	1543	2076	2080	36,698
2425	2731	2890	2945	3271	3356	3362	3435	3446	3165	2970	2672	2564	2194	2200	2233	73,417
1502	2181	3680	4755	3658	3185	3006	2879	2729	2772	2856	2715	2552	2323	1969	2237	77,279
2022	1927	1587	1719	1817	1816	2533	2602	2415	2518	3130	2454	4455	4220	3470	3782	64,079
1688	1028	1861	1725	1653	1836	2779	2086	1330	810	2656	2991	3509	3384	3961	2586	53,141
1796	1786	1337	1783	1997	1871	1495	2015	1876	2659	2967	2939	2966	3409	3928	5376	63,355
2454	2346	2226	2219	2014	2091	2050	1988	1943	1880	1942	2143	2397	2149	2104	2086	74,658
819	833	838	850	851	761	742	817	817	852	894	992	1081	1102	1134	1158	27,846
1952	2153	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7304	6699	6295	6332	114,129

APRIL

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
8204	6527	6620	6098	5859	6528	7779	8562	7355	6069	5718	5033	4620	3317	4353		170,811
22310	23229	25040	23312	22450	18721	17930	15206	15482	14763	13616	12110	11161	14552	13643		503,266
2302	2377	2310	2015	2274	2185	2848	2613	2821	3624	3471	3330	3282	3712	4231		62,000
2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		101,184
13581	14780	17389	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
5633	6148	6379	6440	6214	6171	6313	6123	6002	5480	5356	5760	6191	6991	7300		144,699
3724	5472	10555	8536	6856	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
5856	7130	7765	9413	10308	8503	7069	8258	8197	10023	9325	8906	9226	9241	9046		208,274
7141	8013	8713	9288	8968	9687	11164	11175	11063	8717	8276	7747	7186	6576	6012		204,893
13094	10778	11156	11617	11612	9403	9634	8658	7951	8089	7476	7865	8281	11574	11017		276,856
9642	10395	12428	14961	14611	12836	12801	13075	13849	16380	18536	22122	23239	21444	18794		335,946
2836	2255	3181	3909	3581	6299	7202	9882	9941	10534	9021	9668	11656	12779	9568		165,098
7233	7499	9196	10069	9628	8428	8032	8010	8131	8461	8924	8690	9496	9340	8555		191,021
1886	1821	1952	2105	2156	2375	2690	2892	3215	2826	2489	2241	2489	2624	2802		64,911
12390	13495	12607	12497	14959	13071	16930	17221	16150	15141	13577	15057	13854	13131	11092		318,251

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	MAY
1941	4890	5168	5018	5531	5646	5678	4968	4609	1612	4308	4367	5127	7386	8408	7496	6193	5543	5536	5
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	36
1943	13118	14472	15282	15085	15650	14752	21884	11154	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	69
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	56
1945	5984	6978	8661	10592	11644	10720	9978	9101	9062	9218	10489	9101	8230	8448	7555	6677	7216	7208	66
1946	11798	10583	10259	10837	12416	13481	12844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	107
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	74
1948	4839	4538	3728	4393	4204	4307	5353	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	117
1949	8043	7824	7289	6740	6507	6212	6294	7196	8178	9129	9835	10188	11441	11785	12313	12729	11184	11045	111
1950	5296	6068	5497	6494	5131	5004	4335	4258	5085	4557	5345	5562	6933	9553	11897	13385	13675	12924	122
1951	9164	8318	7239	7238	7299	8201	9732	12301	11980	12087	12160	13367	12371	10540	11714	8739	9745	10377	112
1952	14338	14047	16513	18001	18954	15799	16476	15533	15390	15081	14556	13358	16047	16502	16169	14231	12343	11652	1280
1953	7935	6442	5512	5136	4791	6975	7413	8286	7592	6106	6086	5339	5084	5266	5493	5817	6208	7529	712
1954	7364	6445	5803	6282	6125	8165	8936	9704	10855	11776	13308	12653	11978	11087	9993	10824	11422	12411	1222
1955	3216	3601	4040	4105	4134	5011	6697	7088	8417	8309	7939	7918	7917	7326	6984	5892	4734	4318	454
1956	10218	10200	9871	10211	10496	10626	11384	10712	11094	11328	10238	9987	8960	8698	7933	8258	9716	11258	1437

JUNE																			
YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8197	7225	6100	6171	6105	6822	6402	5525	5420
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9018	9978	11871
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4127	4007	4063	4095	4112	3762	3506
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806
1946	7950	7533	7764	9114	10131	9775	8965	8249	7785	7505	7573	6965	6209	6199	6482	6365	5913	5530	5244
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4395	4743	4539	4785	4962	8051	5334
1948	10513	10000	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495
1949	8708	7602	6441	5588	5222	5867	5323	6598	6795	7171	7009	7447	6908	6266	5531	4828	4980	4145	3726
1950	10066	10139	10220	10932	10648	10879	11713	11063	9479	8073	7511	8098	8915	7834	8115	8634	9085	9759	8926
1951	9487	8497	7265	6870	6227	7755	6914	6277	5708	5396	5479	6034	7203	7536	8584	9851	10513	9966	9533
1952	12110	11938	11735	13212	13470	13630	13581	13783	12050	12664	10948	10492	7839	7788	7471	7157	6311	6538	5654
1953	7869	8636	9229	9010	9655	9255	8956	8815	8799	8842	9178	10758	13803	14870	12978	11011	10254	12398	12700
1954	5160	4757	4385	3988	4415	4803	4695	4456	4422	4339	4657	4615	4424	4644	5219	6412	6807	5471	5393
1955	6794	6665	6680	6046	6573	7172	8291	9501	10435	10476	10018	10242	9799	9361	7923	7971	6687	6408	5760
1956	18157	18296	16328	15324	13984	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561

MAY

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
7386	6408	7496	6193	5943	5936	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
4144	4097	4044	4151	4093	3915	3906	3693	4044	4664	6595	9166	8745	10606	10690	8987	7899	6931	6560	162,838
8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
5509	6077	7059	7632	7270	6542	5688	5076	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
8230	8446	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6536	6147	6452	6932	7120	236,573
9306	9563	9170	9087	9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
8473	7965	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8060	7846	6708	6497	272,882
5081	5451	6409	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
11441	11785	12313	12729	11484	11045	11133	10828	10219	9157	8361	8248	7608	8249	8084	9373	9402	9520	9017	263,431
6933	9553	11897	13385	13675	12924	12287	9602	8307	10851	12138	12535	13021	11443	11009	11542	11799	11588	11627	279,748
12371	10540	11714	8739	9745	10377	11258	11542	11650	11353	12580	12793	13796	12825	12596	13931	14035	12879	10811	344,921
16047	16502	16169	14231	12343	11652	12801	12544	13861	13676	12967	11778	13056	14007	15740	13838	14449	13520	12560	445,787
5084	5266	5493	5817	6238	7529	7120	9544	9170	7865	7045	6758	5485	5115	4725	4821	8049	6183	6898	201,788
11978	11087	9993	10824	11422	12411	12226	13404	14699	13747	11000	9763	9044	8390	7863	6614	5783	5228	4974	298,066
7917	7326	6984	5892	4734	4318	4549	5889	7548	9905	9657	8666	7661	6974	6166	5930	5467	5763	6712	196,635
8960	8098	7033	8268	9716	11259	14370	15780	15976	18860	19591	20134	22949	20931	19423	19484	17472	13500	16839	420,677

JUNE

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
2	5120	5417	5474	5217	4716	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
5	6100	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4866	4527	4024	3862	3701		181,187
3	11513	11171	10305	10063	9018	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
4	4127	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
1	6696	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
6	6209	6190	6482	6365	5913	5530	5244	5054	5103	5241	4827	5035	4566	3994	3917	3468	3540	3407		189,412
1	1395	4743	4539	4785	4962	5051	5334	5103	4813	4215	3548	3663	3798	3631	3738	3439	2971	2842		148,619
9	9047	8398	7682	7075	6428	5872	5405	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
7	6908	6266	5531	4828	4980	4145	3726	3705	3597	3301	3091	3292	3073	3074	2960	2558	2418	2328		150,554
8	8915	7834	8115	8634	9085	9759	8926	9710	9794	10313	10051	8978	7663	6895	5212	6531	7034	8135		270,405
14	7203	7536	8564	9851	10513	9966	9533	8704	8506	7928	7125	6408	6370	5833	6263	5806	5949	5691		219,788
12	7839	7788	7471	7157	6311	6538	5654	6755	6336	5380	5598	5239	5328	5419	5276	5236	4724	5238		259,400
38	13803	14870	12978	11011	10254	12398	12700	11478	10079	9372	9297	9415	9046	7988	6975	6975	6895	7246		291,782
15	4424	4644	5219	6412	6807	5971	5393	5339	5530	6370	6893	7728	7691	7579	9807	8406	6267	6387		171,559
42	9799	9361	7923	7971	6687	6108	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4004		209,560
100	10650	10277	9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603		291,292

MAY

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	162,668
4144	4097	4044	4151	4093	3915	3906	3693	4044	4664	6595	9166	8745	10638	10690	8987	7899	6931	6560	162,838
8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15342	15465	16213	16835	361,402
5509	6077	7059	7632	7270	6542	5688	5076	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6452	6932	7120	236,573
306	9563	9170	9087	9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
8473	7965	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8060	7846	6708	6497	272,882
5081	5451	6409	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
11441	11785	12313	12729	11484	11045	11133	10828	10219	9157	8361	8248	7608	8249	8084	9373	9402	9520	9017	263,431
6933	9553	11847	13385	13675	12924	12287	9602	8307	10851	12138	12535	13021	11443	11009	11542	11799	11588	11627	279,748
12371	10540	11714	8739	9745	10377	11258	11542	11650	11353	12580	12793	13796	12625	12596	13931	14035	12879	10811	344,921
16047	16502	16169	14231	12343	11652	12801	12544	13861	13676	12967	11778	13056	14007	15740	13838	14449	13520	12560	449,787
5084	5266	5493	5817	6208	7529	7120	9544	9170	7865	7045	6758	5485	5115	4725	4821	8049	6183	6898	201,788
11978	11087	9993	10824	11422	12411	12226	13404	14699	13747	11000	9763	9044	8390	7863	6614	5783	5228	4974	298,066
7917	7326	6984	5892	4734	4318	4549	5689	7548	9605	9657	8668	7661	6974	6166	5930	5467	5763	6712	196,635
8960	8998	7033	8258	9716	11258	14370	15780	15976	18860	19581	20134	22949	20931	19123	19484	17472	15500	16899	420,677

JUNE

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5120	5417	5474	5217	4716	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
6100	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
4127	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924	3636	3689	3732	3741	3684	3228	3004		123,863
6696	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6598	6633	5948	5117	4311	3963		202,998
6209	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3468	3540	3407		189,412
1395	4743	4539	4785	4962	5051	5334	5103	4813	4215	3548	3663	3798	3431	3738	3439	2971	2842		148,619
9047	8398	7682	7075	6428	5872	5495	4916	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
6908	6266	5531	4828	4980	4145	3726	3705	3597	3301	3091	3292	3073	3074	2960	2558	2416	2328		150,554
8915	7834	8115	8634	9085	9759	8926	9710	9794	10812	10051	8978	7663	6895	5212	6531	7034	8135		270,405
7203	7536	8584	9851	10513	9966	9533	8704	8506	7928	7125	6408	6370	5833	6263	5806	5949	5691		219,788
7839	7788	7471	7157	6311	6538	5654	6755	6336	5380	5598	5239	5328	5419	5276	5236	4724	5238		259,400
13803	14870	12978	11011	10254	12398	12700	11478	10079	9372	9297	9415	9046	7988	6975	6975	6895	7246		291,782
5	4424	4644	5219	6412	6807	5971	5393	5339	5530	6370	6893	7728	7691	7579	9807	8406	6267	6387	171,559
2	9799	9361	7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4004	209,580
20	10650	10277	9793	9658	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603	291,292

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	9157	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5338	5040	5053
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1857	1698	1642	1590	1515	1482
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555	2355	2179	2136
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	2122	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	1699	1705	1663	1639	1500	1431	1390
1950	8217	8402	7729	7180	6707	6330	6036	5799	5235	4788	4579	4039	3874	3507	3215	3369
1951	5444	5457	5231	5184	5226	4489	4507	4060	3758	3821	3636	3409	3003	2998	2845	2941
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	3795
1954	5059	4927	4530	4360	4450	4445	4158	4178	3573	3417	2920	3120	2958	2706	2848	2893
1955	3573	3184	2743	2676	3036	2580	2432	2283	2303	2361	2751	2133	2506	2465	2116	2312
1956	5241	4804	4490	4281	3976	3925	3941	3803	4020	3267	3584	3423	3858	3354	3340	3070

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1941	943	873	856	848	786	713	736	738	716	702	682	1339	1262	1140	899	830	852
1942	1051	1009	1000	1009	967	972	930	893	929	862	878	784	756	742	745	729	674
1943	2477	2514	2409	2330	2308	2173	2044	1875	1896	2060	1656	1539	1630	1644	1636	1618	1594
1944	1012	1000	1042	1027	1002	956	859	783	814	790	770	767	687	650	649	638	631
1945	1093	1020	1077	1025	961	978	949	1246	945	915	970	929	912	892	814	795	769
1946	1283	1291	1282	1249	1224	1116	1099	1089	963	934	901	896	854	844	847	814	
1947	1040	1022	973	900	909	872	838	748	790	737	721	714	644	654	663	672	637
1948	870	957	887	823	745	684	935	836	848	825	848	859	752	745	734	737	753
1949	838	785	764	646	594	604	557	571	625	625	608	662	737	727	767	764	828
1950	1656	1530	1525	1401	1552	1840	1590	1597	1274	1350	1471	1447	1300	1400	1136	1127	1017
1951	1515	1605	1521	1630	1721	1769	1389	1309	1260	1341	1190	1379	927	1130	968	867	817
1952	1300	2104	1336	1564	1156	1213	1262	1487	1344	1243	1214	1188	998	1393	1495	805	823
1953	1536	1670	1619	1409	1502	1490	1452	1230	1207	1197	1105	1105	1103	1102	1228	1193	1180
1954	1337	1312	1238	1240	1200	1192	1129	1236	1204	1180	1151	1134	1144	1141	1170	1180	1158
1955	1282	1188	1107	971	955	864	807	930	942	994	1009	963	934	902	933	911	902
1956	1601	1476	1406	1438	1397	1350	1250	1234	1067	1036	1001	925	1009	909	841	809	841

JULY

1	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
137	1296	1213	1239	1233	1251	1217	1219	1147	1113	1090	1041	994	966	947	900	891	1141
124	2238	2108	2075	1899	1811	1790	1696	1591	1530	1473	1450	1417	1356	1337	1280	1290	1158
292	6508	5908	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4066	3455	3563	3448	3226
357	1698	1642	1590	1519	1482	1511	1455	1401	1317	1264	1347	1321	1293	1251	1259	1179	1149
523	2409	2555	2355	2179	2136	2081	1791	1789	1709	1623	1644	1504	1535	1447	1328	1282	1212
385	2246	1949	1915	1811	1658	1687	1744	1645	1532	1456	1553	1504	1382	1342	1286	1333	1380
258	2132	1640	1971	1856	1816	1783	1801	1678	1494	1436	1402	1356	1253	1209	1146	1140	1105
859	1818	1814	1736	1500	1565	1577	1497	1354	1350	1365	1348	1296	1181	1125	1020	920	914
705	1663	1639	1500	1431	1390	1295	1296	1155	1083	1083	1080	1099	1043	973	927	925	945
579	4039	3874	3507	3215	3369	3035	2816	2516	2402	2319	2270	2040	2003	1953	1902	1736	1862
636	3409	3003	2998	2845	2941	2681	2766	2443	2407	2338	2136	2153	1912	1688	1946	1715	2222
153	3534	3350	3127	2507	2564	2220	2354	2504	2121	2195	1904	2106	1990	1964	1658	1702	1727
284	5022	4683	4616	4453	3795	3274	3260	2872	2699	2313	2436	2277	2067	2154	1909	1883	1681
920	3120	2958	2706	2848	2893	2686	2509	2463	2045	1967	2100	1813	1638	1633	1802	1693	1692
2751	2133	2506	2465	2116	2312	2027	2196	1563	1824	1660	1616	1597	1624	1628	1422	1295	1371
3584	3423	3858	3354	3340	3070	2439	2619	2617	2203	2504	2517	2361	1953	1953	1952	1933	1975

AUGUST

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
682	1339	1262	1140	899	839	852	890	1240	962	832	879	800	714	860	776	781	787
878	784	756	742	745	729	674	688	648	611	596	625	567	623	626	596	605	568
1656	1539	1630	1644	1636	1618	1594	1521	1514	1457	1400	1366	1315	1304	1280	1278	1244	1234
770	767	687	650	649	638	631	634	626	616	581	542	536	547	534	523	529	518
970	929	912	862	814	790	769	750	759	726	727	710	714	720	679	646	623	584
934	901	896	854	844	847	814	764	753	780	735	768	802	804	835	864	868	876
721	714	644	654	663	672	637	619	613	589	579	586	569	555	586	567	546	521
848	899	792	745	734	737	753	742	723	679	690	670	679	684	680	677	667	652
608	662	707	727	767	764	828	831	763	718	654	611	594	572	560	551	566	544
1471	1447	1300	1400	1136	1127	1017	1026	949	1001	994	1049	945	1009	1091	893	863	960
1190	1379	927	1130	968	867	817	1110	825	759	841	1061	1072	835	1197	994	933	806
1214	1188	998	1393	1495	805	823	1074	940	1045	1137	960	1305	992	532	572	850	964
1105	1105	1103	1102	1228	1193	1180	1048	1056	1076	1055	1115	1035	1035	939	924	924	903
1151	1134	1114	1141	1170	1160	1158	1055	996	995	931	1016	1009	1072	997	893	906	884
1209	963	934	902	933	911	902	859	850	839	962	977	946	848	757	721	705	711
1201	925	1009	909	841	809	841	794	841	748	790	841	817	893	931	928	841	841

CHART NO. 2-0

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
219	1147	1113	1090	1041	994	966	947	900	891	1141	1079	1040	920	41,666
696	1591	1530	1473	1450	1417	1356	1337	1280	1290	1158	1101	1151	1045	68,726
405	4363	4274	4063	4189	4169	4066	3455	3563	3448	3226	3148	2845	2638	179,799
155	1401	1317	1264	1347	1321	1293	1251	1259	1179	1149	1118	1029	1024	53,191
791	1789	1709	1623	1644	1504	1535	1447	1328	1282	1212	1209	1232	1191	69,904
744	1645	1532	1456	1553	1504	1382	1342	1286	1333	1380	1414	1356	1285	63,597
801	1678	1494	1436	1402	1356	1253	1209	1146	1140	1105	1006	1052	1092	57,047
1497	1354	1350	1365	1348	1296	1181	1125	1020	920	914	969	968	864	53,489
1296	1155	1083	1083	1080	1099	1043	973	927	925	945	930	894	878	45,949
2816	2518	2402	2319	2270	2040	2003	1953	1902	1736	1862	1755	1678	1559	120,856
766	2443	2407	2338	2136	2153	1912	1688	1945	1715	2222	1676	2212	1541	97,845
354	2504	2121	2195	1904	2106	1990	1964	1658	1702	1727	1595	1745	1668	86,232
3260	2872	2699	2313	2436	2277	2097	2154	1909	1883	1881	1785	1593	1679	127,172
2509	2463	2045	1967	2100	1813	1838	1833	1802	1693	1692	1664	1442	1369	89,478
2196	1963	1824	1660	1616	1597	1624	1628	1422	1295	1371	1444	1444	1424	65,969
2619	2617	2203	2504	2517	2361	1953	1953	1952	1933	1975	1902	1896	1778	94,948

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
890	1240	962	832	879	800	714	860	776	781	787	749	724	686	26,603
688	648	611	596	625	597	623	626	596	605	568	578	593	603	23,487
1521	1514	1457	1400	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,878
634	626	616	581	542	536	547	534	523	529	516	537	539	503	21,842
750	759	726	727	710	714	720	679	646	623	584	586	590	586	25,658
794	753	780	735	768	802	804	835	861	868	876	874	834	829	29,187
619	613	589	579	586	569	555	586	507	546	521	510	553	598	21,525
742	723	679	690	670	679	684	680	677	667	652	644	636	628	23,529
831	763	718	654	611	594	572	560	551	566	544	539	556	541	20,262
1026	949	1001	994	1049	945	1009	1091	893	863	960	801	730	724	37,251
1110	825	759	841	1061	1072	835	1197	994	933	806	840	766	971	35,348
1074	940	1015	1137	960	1305	992	532	572	850	904	633	372	1099	34,368
1048	1056	1076	1055	1116	1035	1035	939	924	924	903	994	969	855	36,447
1055	996	995	931	1016	1009	1072	997	893	906	884	903	863	809	33,708
859	850	839	962	977	946	848	797	721	705	711	733	784	739	28,271
794	841	748	790	841	817	893	931	928	841	841	714	783	776	31,208

YEAR	SEPTEMBER																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	658	634	632	650	640	655	646	627	643	655	653	642	669	698	742	747	740	727
1942	617	631	599	595	588	588	553	521	515	500	530	554	592	624	632	638	623	623
1943	1173	1175	1155	1136	1100	1075	1048	1022	1013	957	922	914	882	917	926	889	862	817
1944	476	473	489	551	574	627	650	640	645	603	568	557	517	509	487	455	477	474
1945	610	613	606	604	569	586	584	577	609	568	575	611	579	594	563	557	578	589
1946	804	741	722	720	681	710	724	794	869	865	824	778	717	695	654	661	670	725
1947	583	614	596	570	635	589	585	630	617	645	652	640	701	705	686	656	637	591
1948	620	612	606	610	616	620	616	620	620	559	560	570	630	603	592	581	525	507
1949	544	544	529	513	489	434	437	433	450	524	541	613	630	621	637	568	556	557
1950	811	714	821	642	508	516	496	541	1024	1752	1297	929	756	984	902	843	839	804
1951	756	841	1124	617	775	617	709	570	768	848	643	616	692	904	596	696	736	609
1952	874	711	1072	997	666	855	692	321	630	655	874	783	756	2173	1067	756	1032	687
1953	885	982	976	943	934	897	893	883	850	840	823	811	811	801	800	776	725	729
1954	797	742	704	683	679	637	635	617	576	628	644	699	697	664	773	774	754	849
1955	709	631	574	569	598	609	575	591	575	554	663	663	599	604	608	686	741	82
1956	838	690	885	630	982	862	990	1008	990	1003	1061	1055	1090	1054	1091	1050	967	952

YEAR	OCTOBER																		
	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	698	802	2513	1954	1566
1942	567	748	695	662	697	665	659	584	455	501	459	605	740	744	844	563	683	718	692
1943	696	781	752	808	678	450	1043	864	845	756	907	1228	940	1122	939	927	1005	876	1012
1944	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807	673
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	740	689	777	846
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995
1947	536	648	559	703	619	638	645	518	632	876	903	947	941	874	777	822	2138	1453	1233
1948	631	615	536	551	715	779	728	755	791	697	698	742	742	750	748	751	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	1090	1056	1262	1146	973	950	930	967	971	971	971	971
1951	919	1440	1748	1289	992	1114	1240	1236	681	948	1358	808	1358	1565	941	1751	1489	565	1047
1952	645	583	1512	748	654	548	1020	719	1197	561	693	793	494	892	948	837	747	966	779
1953	701	689	673	666	635	676	694	799	683	867	581	894	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	863	868	865	878	875
1956	1102	1176	1138	1138	1134	1096	1032	1092	1090	1088	1056	1055	1082	1096	1112	1025	902	948	930

SEPTEMBER

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
642	669	698	742	747	740	727	686	699	710	726	726	728	728	731	727	711	714	715		20,65
554	592	624	632	638	623	623	601	620	635	652	666	615	604	572	557	575	536	544		17,67
914	882	917	926	889	862	817	783	787	758	828	858	840	891	815	850	874	862	899		28,04
557	517	509	487	455	477	474	547	606	663	707	689	672	658	636	624	630	620	560		17,38
611	579	594	563	557	578	589	624	630	644	691	629	875	951	963	782	675	681	656		19,57
778	717	695	654	661	670	725	793	857	893	893	889	892	827	783	742	681	682	681		22,96
640	761	705	686	656	637	591	636	627	606	607	615	617	617	619	592	594	582	590		18,60
570	630	603	592	581	525	507	499	474	508	483	504	538	562	590	725	757	806	760		17,87
613	630	621	637	568	586	557	502	505	489	474	485	503	508	507	503	466	472	534		15,567
529	756	984	902	843	839	804	841	850	846	769	716	712	678	700	750	801	852	938		24,632
616	692	904	596	696	736	609	534	318	805	298	729	717	778	833	704	924	706	812		21,275
783	756	2173	1067	756	1032	687	716	1311	1000	613	823	525	825	356	1466	1050	576	592		25,554
811	811	801	800	776	725	729	756	751	773	822	789	774	708	651	606	604	604	617		23,814
699	697	664	773	774	754	849	871	824	793	723	685	682	753	660	650	625	653	711		21,182
663	663	599	604	608	686	741	824	840	725	693	608	651	804	821	862	844	768	745		20,397
1055	1050	1054	1091	1050	967	952	885	839	839	762	731	744	744	822	842	884	935	1057		27,542

OCTOBER

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
676	783	804	698	802	2533	1254	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871	31,600
605	740	744	844	563	683	718	692	895	720	764	720	760	651	626	702	792	737	835	699	21,292
228	940	1122	939	927	1005	876	1012	883	1121	1064	1065	1054	1188	1148	1202	1284	1460	1451	1301	30,901
635	617	611	652	642	821	807	673	632	598	664	671	674	693	659	958	436	669	638	716	20,414
773	696	542	865	746	689	777	846	792	814	338	768	797	776	795	800	781	802	819	924	22,911
991	931	898	932	865	995	910	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
947	941	874	777	822	2138	1453	1233	1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
742	742	750	748	751	778	783	790	781	782	722	738	741	735	726	734	675	686	685	735	22,321
849	858	816	827	851	825	834	746	748	753	812	826	825	852	818	642	689	752	835	780	24,612
973	950	930	967	971	971	971	971	971	971	974	973	972	972	991	1158	1274	1525	1685	1832	33,760
808	1350	1565	941	1751	1489	565	1047	1924	1634	513	702	1189	1316	1347	1584	2001	1425	1178	1302	38,636
793	494	892	948	837	747	966	779	863	799	1025	1016	743	807	592	662	1259	1305	621	461	25,892
894	766	930	931	955	941	922	974	972	956	911	760	728	896	888	858	735	783	781	683	24,928
873	884	894	906	995	1054	1004	996	973	672	809	821	803	799	863	842	852	881	852	823	26,366
922	916	872	883	888	885	878	875	837	812	748	798	792	805	805	802	812	812	848	876	25,311
1065	1082	1096	1112	1025	902	948	930	928	910	955	985	993	1025	1044	1153	1338	1220	1201	1190	33,301

7	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
40	727	686	699	710	726	726	728	729	731	727	711	714	715		20,659
23	623	601	620	635	652	666	615	604	572	557	575	536	544		17,670
62	817	783	787	758	828	858	840	891	815	850	874	862	899		28,049
77	474	547	606	663	707	689	672	658	636	624	630	620	560		17,384
78	589	624	630	644	691	629	675	951	963	782	675	681	656		19,573
70	725	793	857	893	893	889	892	827	783	742	681	682	681		22,967
37	591	636	627	606	607	615	617	617	619	592	594	582	590		18,604
25	507	199	474	508	483	504	538	562	590	725	757	806	760		17,873
76	557	502	505	489	474	485	503	508	507	503	466	472	534		15,567
39	804	841	850	846	769	716	712	678	700	750	801	852	938		24,632
36	609	534	316	805	298	729	717	778	833	704	924	706	812		21,275
32	687	716	1311	1000	613	823	525	825	356	1466	1050	576	592		25,554
25	729	756	751	773	822	789	774	708	651	606	604	604	617		23,814
54	849	871	824	793	723	685	682	753	660	650	625	653	711		21,162
86	741	824	840	725	693	608	651	804	821	862	844	768	745		20,397
967	952	885	839	839	762	731	744	744	822	842	884	935	1057		27,542

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
533	1254	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871	31,600
583	718	692	895	720	761	720	760	551	626	702	792	737	835	699	21,282
005	876	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
821	807	673	632	598	664	671	674	693	659	958	436	669	638	718	20,414
589	777	846	792	814	938	768	797	776	795	800	781	802	819	924	22,911
995	910	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
138	1453	1233	1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
778	783	790	781	782	722	738	741	735	736	734	675	686	685	735	22,321
825	834	746	748	753	812	826	825	852	818	642	689	752	835	780	24,612
971	971	971	971	971	974	973	972	972	991	1158	1274	1525	1685	1832	33,760
489	565	1047	1924	1634	513	702	1189	1316	1347	1954	2001	1425	1178	1332	38,636
747	966	779	863	799	1025	1016	743	807	592	862	1259	1305	621	461	25,892
241	922	974	972	956	911	760	729	896	888	858	735	783	781	683	24,928
054	1004	996	973	872	809	821	803	799	863	842	852	881	852	823	26,366
805	878	875	837	812	708	798	792	805	805	808	812	848	876		25,311
902	948	930	928	910	955	985	993	1025	1044	1153	1338	1220	1201	1190	33,304

YEAR	NOVEMBER																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	781	821	822	930	1393	1076	1322	894	905	852	802	903	780	894	1387	2533	1954	1566	142
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186	115
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967	108
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682	57
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888	936
1946	1031	1033	929	844	934	927	1063	971	983	972	1028	937	844	850	944	936	856	947	1115
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928	1024
1948	813	1214	1589	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883	854
1949	805	710	716	824	700	690	700	779	995	1043	1022	821	885	840	906	817	846	715	809
1950	1399	2008	1950	1257	1357	1273	1471	1657	1649	1368	1257	1343	1126	1303	1186	1129	1172	1419	1649
1951	1151	906	1003	1365	1001	1305	1093	827	1116	747	810	810	1072	1368	952	895	587	1272	1198
1952	756	753	751	748	748	736	741	749	752	767	831	976	1145	1394	1378	1152	906	804	658
1953	678	952	844	716	853	868	863	858	860	868	877	926	915	759	889	942	775	684	731
1954	812	767	764	752	728	712	703	704	716	728	742	864	885	965	972	1048	1167	1070	1037
1955	824	813	806	806	811	814	816	821	830	854	875	934	1051	1074	967	853	834	798	838
1956	1114	1109	1107	1107	1107	1111	1109	1107	1111	1077	1121	1114	1116	1100	1070	1023	959	982	929

YEAR	DECEMBER																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	943	947	1661	4605	3137	2036	1837	1555	1400	1465	1458	1237	1309	1406	1372	1694	1580	1836	1871
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920
1943	939	1182	1062	1062	977	1085	965	803	1048	807	656	746	746	746	770	748	759	939	974
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640
1945	972	718	616	866	1056	1008	1091	933	819	456	695	656	664	571	568	707	645	1040	833
1946	1395	1366	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870
1947	1239	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720
1949	1303	1123	1148	775	804	855	790	842	891	780	701	626	650	903	718	817	809	934	656
1950	1403	1398	1485	1441	1551	1450	1561	1878	1631	1645	1759	1651	1474	2107	1284	1179	1669	1304	1206
1951	2369	3435	2251	2024	1569	1335	1117	853	711	916	962	1493	1337	1060	1098	754	1072	1273	1362
1952	723	836	920	915	848	764	755	845	916	947	991	1042	1093	1200	1139	1047	972	933	871
1953	1008	1002	1012	1012	996	925	958	962	969	1013	1025	982	1034	971	900	828	829	841	789
1954	701	705	707	711	712	741	754	777	793	818	825	813	801	793	772	753	706	688	676
1955	1110	920	928	942	958	973	999	1022	1034	1182	1161	923	876	919	785	971	897	1439	1641
1956	877	880	886	853	905	883	952	921	988	1080	1122	1588	2196	2317	1764	1733	1438	1316	1131

NOVEMBER

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
903	780	894	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,6
747	707	842	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,0
1240	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,3
1039	928	975	860	870	745	682	577	656	681	731	722	699	802	716	741	727	600	581		26,0
1072	819	840	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,8
937	841	850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,1
985	859	985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,7
817	856	912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,9
821	885	840	906	817	846	715	809	684	841	645	804	1409	1474	1367	1290	1347	1205	917		27,6
1343	1126	1303	1186	1129	1172	1419	1649	1540	1597	1879	1277	1272	1388	1383	1359	1278	1232	1298		42,4
810	1072	1368	952	895	587	1272	1198	1198	1200	1279	1051	953	831	863	1518	1231	1330	1210		32,14
976	1145	1394	1378	1152	906	804	658	650	666	700	724	696	656	652	652	650	648	647		24,06
926	915	759	889	942	775	684	731	740	752	871	1990	2112	1272	1102	1310	1344	1291	1130		29,77
864	885	965	972	1048	1167	1070	1037	1026	946	905	861	824	769	762	757	754	749	746		25,23
934	1051	1074	967	853	834	798	838	941	1506	1922	2120	1863	1830	1862	1713	1604	1330	1230		34,34
1114	1116	1100	1050	1023	959	982	929	1017	1006	964	972	1021	974	997	961	955	936	923		31,22

DECEMBER

	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3	1237	1309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1673	53,419
2	1212	1225	1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
5	746	746	746	770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,884
2	352	396	406	464	505	765	610	640	666	1052	818	1137	906	839	763	615	621	588	906	826	21,451
5	856	664	571	568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
9	1941	3056	4053	4709	3950	2413	1771	1870	1645	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696
2	838	709	995	922	901	811	959	991	644	951	798	792	974	746	737	736	779	961	790	513	27,758
0	952	988	999	980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547
1	626	650	903	718	817	809	934	656	565	728	778	931	906	764	779	795	975	775	739	748	25,608
9	1651	1474	2107	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1148	770	907	1599	1440	41,319
2	1403	1337	1060	1098	754	1072	1273	1362	807	959	2049	2046	1242	1236	629	1253	1145	2220	1393	1332	43,802
1	1042	1093	1200	1139	1047	972	933	871	842	790	784	784	782	781	793	816	802	820	801	779	54,662
5	982	1034	971	900	828	829	841	789	927	1015	1053	1097	1014	1053	901	869	764	692	771	768	28,980
5	813	801	793	772	753	706	688	676	619	612	612	605	601	600	622	674	714	792	906	957	22,560
1	923	876	919	785	971	897	1439	1641	2250	2222	4106	16700	20551	11314	7381	5053	4416	3637	2728	2721	102,759
2	1588	2196	2317	1264	1733	1488	1316	1181	961	957	932	921	917	911	905	823	732	796	799	778	34,811

CHART NO. 2-C

	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
54	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
58	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
28	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
45	682	577	656	681	731	722	699	802	716	741	727	600	581		26,099
92	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,635
56	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
22	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,797
16	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
46	715	809	684	841	645	804	1409	1474	1367	1290	1347	1205	917		27,606
72	1419	1649	1540	1597	1879	1277	1272	1388	1393	1359	1278	1232	1298		42,476
87	1272	1198	1198	1200	1279	1051	953	831	863	1518	1231	1330	1210		32,142
206	804	658	650	666	700	724	696	656	652	652	650	648	647		24,066
775	684	731	740	752	871	1990	2112	1272	1102	1310	1344	1291	1130		29,772
167	1070	1037	1026	946	905	861	824	769	762	757	754	749	746		25,235
334	798	838	941	1506	1922	2120	1863	1830	1862	1713	1604	1330	1290		34,313
59	982	929	1017	1006	964	992	1024	974	927	961	955	936	923		31,227

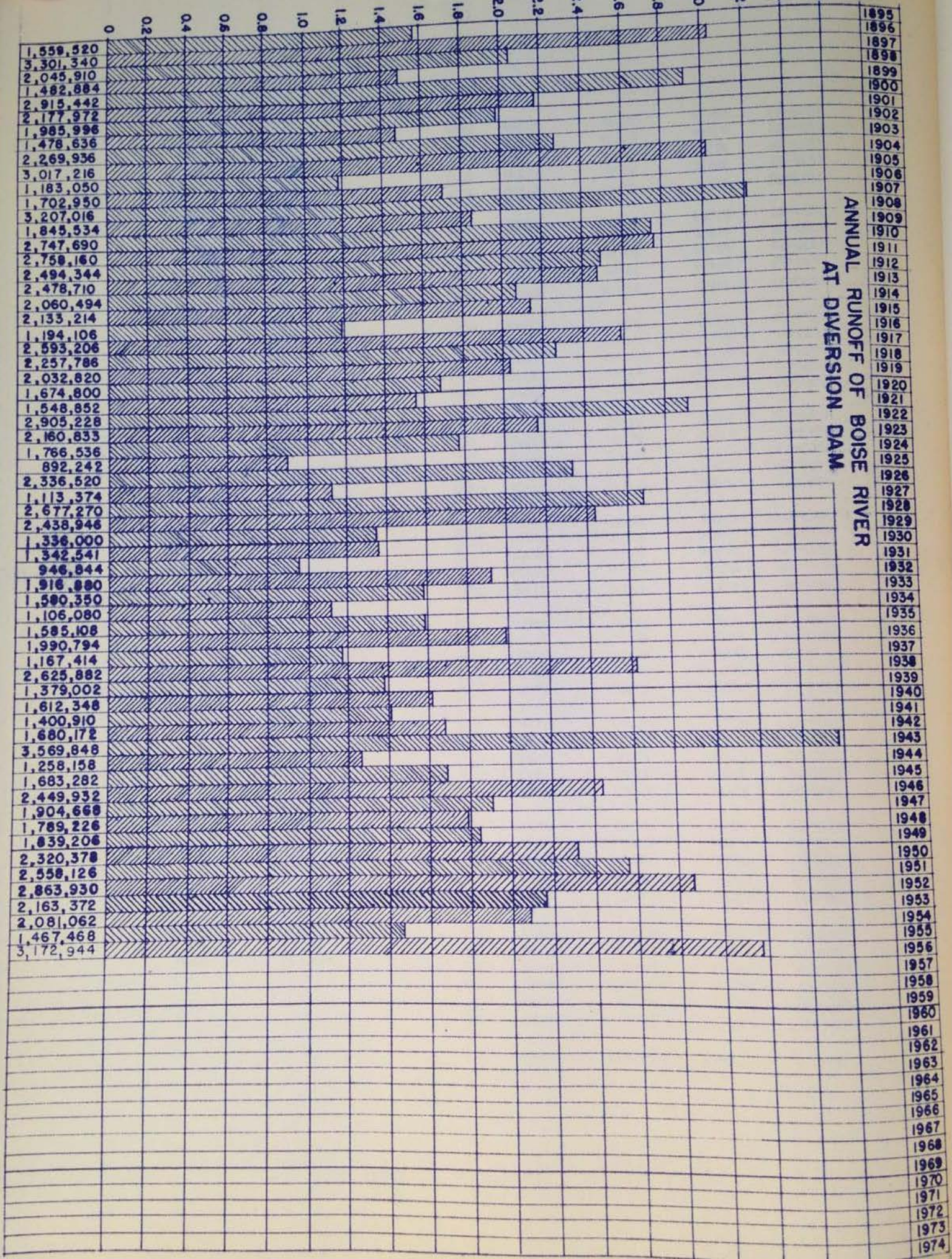
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1580	1836	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1673		53,419
1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620		40,891
759	939	974	1002	1003	1186	1003	943	1056	954	888	628	536	757	994		27,884
765	610	640	866	1052	818	1137	906	839	763	615	621	588	906	826		21,451
645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587		37,356
2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1266	1137	945	865		54,696
811	959	991	844	951	798	792	974	746	737	736	779	961	790	513		27,758
892	767	720	739	713	673	702	697	664	652	681	743	804	861	875		25,547
809	934	656	565	728	778	931	906	764	779	795	975	775	739	748		25,608
1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1148	770	907	1599	1440		44,319
1072	1273	1362	807	959	2049	2046	1242	1236	629	1253	1145	2220	1393	1332		43,802
972	933	871	642	790	784	784	782	781	793	816	802	820	801	779		54,662
829	841	789	927	1015	1053	1077	1014	1053	901	869	764	692	771	768		28,980
706	688	676	619	612	612	605	601	600	622	674	714	792	906	957		22,560
897	1439	1641	2250	2222	4106	16700	20551	11314	7381	5053	4416	3637	2728	2721		102,754
1408	1316	1131	964	957	932	921	917	911	905	823	732	796	794	779		34,011

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 60-YEAR PERIOD, 1895 TO 1954, INCLUSIVE

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1142	1077	1572	3704	7213	8306	4297	1220	745	748	906	1158
2.	1101	1099	1593	3366	7240	8197	4173	1175	746	802	933	1184
3.	1123	1143	1637	4049	7320	8151	4006	1155	748	826	979	1139
4.	1078	1174	1644	4158	7595	8067	3856	1134	726	816	921	1160
5.	1062	1251	1676	4234	7737	7925	3708	1101	722	812	950	1085
6.	1053	1232	1712	4322	7932	7865	3499	1077	719	807	959	1077
7.	1060	1220	1723	4470	8202	7927	3384	1048	711	839	946	1047
8.	1045	1331	1826	4643	8261	7999	3261	1032	698	857	935	1013
9.	1026	1317	1958	4812	8339	7931	3128	996	716	846	949	973
10.	1028	1265	1940	5164	8425	7873	2951	959	735	843	974	983
11.	1030	1232	1978	5318	8283	7599	2788	944	738	842	995	1045
12.	1002	1221	2033	5591	8233	7598	2716	949	731	839	964	1188
13.	986	1242	2074	6083	8262	7601	2555	915	736	848	931	1140
14.	1023	1241	2100	6492	8559	7566	2446	914	776	851	968	1118
15.	1065	1245	2149	6717	8581	7370	2316	903	756	867	955	1040
16.	1114	1272	2287	6975	8571	7331	2204	877	751	870	1064	1010
17.	1102	1293	2233	6991	8560	7149	2080	861	750	922	983	1036
18.	1109	1286	2643	7301	8675	6967	1958	845	735	904	1011	1004
19.	1121	1271	2724	7268	8478	6625	1877	836	731	899	993	1040
20.	1188	1296	2878	7088	8305	6586	1805	821	744	902	1049	1006
21.	1195	1303	2921	6953	8154	6319	1714	821	743	898	1104	1044
22.	1195	1362	3015	7132	8098	6068	1650	803	720	867	1192	1039
23.	1204	1393	3059	7185	8111	5825	1615	798	738	889	1305	1049
24.	1179	1423	3027	7289	8241	5600	1559	780	740	891	1239	1071
25.	1219	1394	3070	7326	8345	5303	1539	765	750	884	1190	1059
26.	1174	1380	3113	7543	8577	5121	1459	751	729	879	1144	1027
27.	1143	1448	3226	7695	8626	5211	1405	747	754	897	1123	1053
28.	1109	1525	3323	7679	8424	4790	1362	745	747	911	1052	1080
29.	1095		3499	7599	8366	4613	1327	735	739	918	1051	1170
30.	1066		3582	7432	8244	4460	1309	734	747	901	1091	1153
31.	1098		3585		8391		1244	741		910		1130

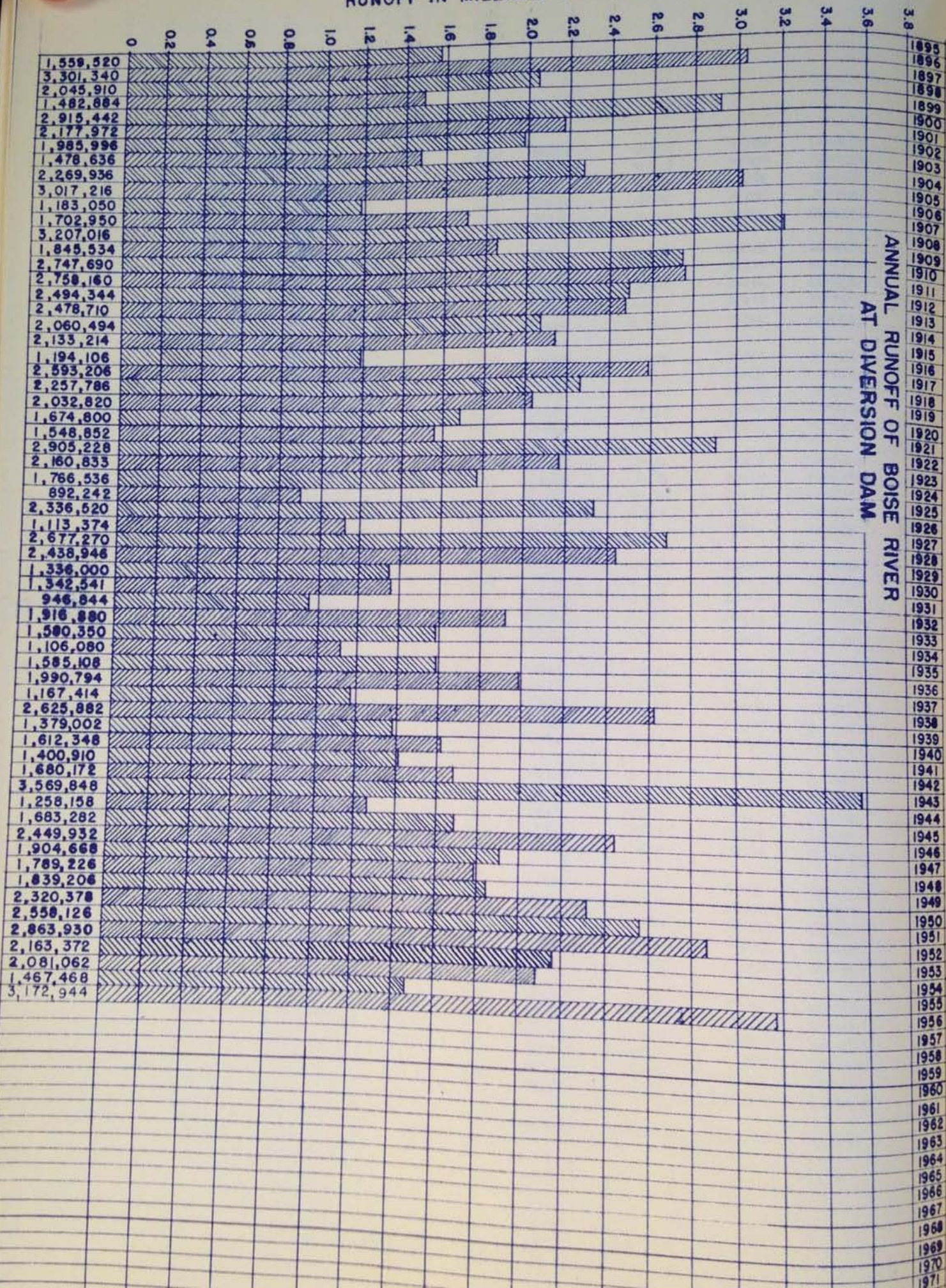
RUNOFF IN MILLIONS OF ACRE- FEET

ANNUAL RUNOFF OF BOISE RIVER AT DIVERSION DAM

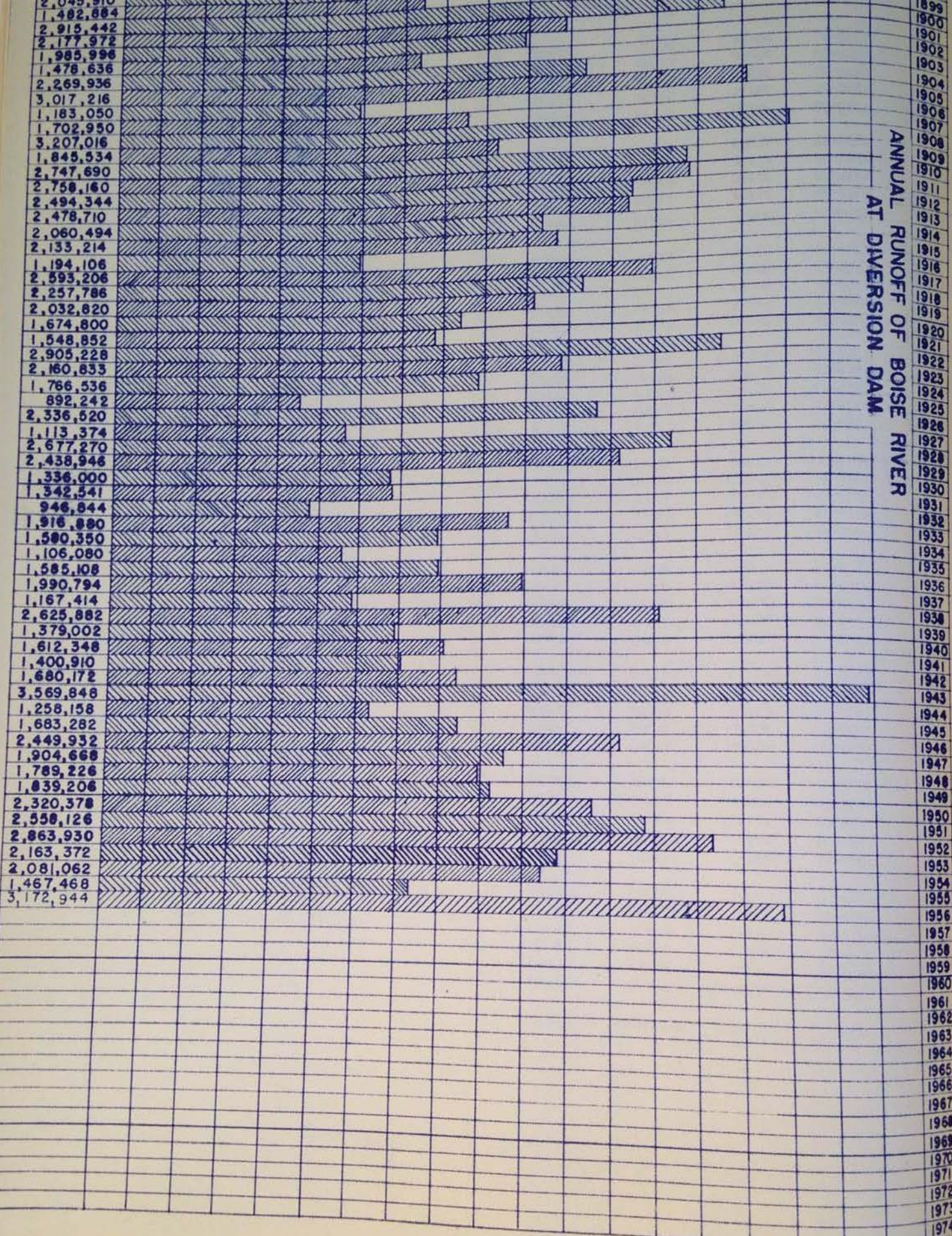


RUNOFF IN MILLIONS OF ACRE - FEET

ANNUAL RUNOFF OF BOISE RIVER AT DIVERSION DAM



ANNUAL RUNOFF OF BOISE RIVER AT DIVERSION DAM



TOTAL MONTHLY FLOW OF BD
FOR IRRIGATION YEARS BE

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	J
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	152
1895-96	57040	54980	50980	73440	67660	157560	295040	555380	1464280	385
1896-97	54220	61300(2)	64500	50520	55240	87960	176000(5)	508000(6)	415000(5)	143
1897-98	63140	64100	61500(7)	31100	67200	115280	251900	320280	299360	116
1898-99	53262	56240	151640	160600	79640	113900	425740	606020	731400	356
1899-00	53664	90000	97000	125420	96140	305220	380020	515720	300640	841
1900-01	63570	61880	65060	79440	98340	179320	305840	626460	287420	1164
1901-02	56464	59892	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	828600	521060	20192
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	229620	247660	7586
1905-06	42980	41010	40110	50810	57240	101100	337520	426100	346980	16290
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673380	683520	534560	33564
1907-08	57890	55778	63300	67230	63282	141130	382540	370360	324880	19850
1908-09	68440	59280	58000	136160	110680	232840	472120	605240	695220	22680
1909-10	63140	200560	124760	79900	66600	566900	609980	513560	310360	11004
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	23304
1911-12	66570	66700	63520	78420	76120	90480	342620	684180	677560	17358
1912-13	60560	67820	60680	53800	51400	101800	374560	573740	413420	15866
1913-14	63524	80180	61380	71196	74968	216040	469040	553660	307700	12413
1914-15	67680	56368	44600	59580	59726	94762	176564	274130	191900	83678
1915-16	42410	45626	53346	49930	63262	197486	555062	563720	544764	293818
1916-17	59106	54016	53702	47628	47694	61740	267082	654106	643322	260216
1917-18	46004	49506	126592	113818	77754	181542	346040	409954	461268	112120
1918-19	64492	56578	49118	50532	52844	114916	395854	509192	240872	69736
1919-20	47968	56548	52610	66528	66774	89234	185044	449730	333468	117328
1920-21	59966	75678	67106	112422	94098	271472	394484	824032	718728	175340
1921-22	55452	39098	44579	60982	53160	113692	315642	552674	659854	148066
1922-23	52172	48886	52372	62100	50860	92700	273726	454010	376208	192504
1923-24	61592	52930	51286	48954	72446	63550	136450	243200	76792	35296
1924-25	39218	53862	42912	48416	129386	152378	501862	700496	367370	152598
1925-26	58400	51394	63522	48414	64264	140448	232672	247704	105072	41132
1926-27	34882	67640	84790	63200	104630	188094	378928	665294	726602	233700
1927-28	69014	144162	97842	90008	79354	272846	316812	852194	305656	118292
1928-29	49852	50792	46212	45514	49720	101904	179094	354118	285896	98288
1929-30	39356	36848	69543	44774	64388	103616	274178	295246	257382	79234
1930-31	54512	45418	44108	44818	45298	91246	177172	251538	110862	34670
1931-32	31424	31224	36376	36612	36756	135826	336006	564176	458224	154298
1932-33	39142	56478	40596	43926	41136	64474	239342	341610	538198	99610
1933-34	41276	47684	55652	79680	79948	151896	249648	229216	86240	37252
1934-35	37058	49444	51208	52256	54336	83150	299458	428528	363262	97334
1935-36	33616	38248	37352	44612	47356	100060	577594	625906	319284	82558
1936-37	39772	36600	41556	37568	41728	89870	207358	381192	179996	60820
1937-38	36266	49828	115760	67492	71566	191026	505100	711314	558138	201292
1938-39	60626	67394	60980	52236	47170	164294	328918	341836	136300	60358
1939-40	40474	38998	49268	53858	75724	201512	355842	434480	227258	64468

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRES FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

YR	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	
1890	243140	395220	225700	152380	63620	58000	1,559,520	
1891	295040	555380	1464280	385520	81960	57500	3,301,340	
1892	476000(5)	500000(6)	415000(5)	143300	67250	62520	2,045,910	
1893	251900	320280	299360	116848	45708	39168	1,482,864	(1) MEAN OF 4 HIG
1894	425740	606020	731400	356160	109940	68900	2,915,442	(2) SUBSTITUTED F
1895	380020	510720	300640	84156	53196	51196	2,177,972	
1896	305940	626460	287420	116400	52222	49944	1,985,996	(3) SUBSTITUTED F
1897	211470	353460	287160	106720	49496	40914	1,478,636	
1898	448220	520620	601880	147580	53000	46344	2,269,936	(4) MISSING DAYS :
1899	671840	828600	521000	201920	71972	43830	3,017,216	
1900	176200	229820	247660	78860	34870	34660	1,183,050	(5) MISSING DAYS : YEAR MEAN.
1901	337920	428100	346980	162900	52410	41090	1,702,950	
1902	673380	683520	534560	335640	101600	62066	3,207,016	(6) MISSING MONTHS YEAR MEAN.
1903	382540	370360	324880	158500	64920	55524	1,845,534	
1904	472120	605240	655220	226800	63690	57220	2,747,660	
1905	609980	513560	310360	110040	58970	56390	2,758,160	(7) INTERPOLATED
1906	323960	549120	740860	233040	74006	59726	2,494,344	(8) AVERAGE OF 5 :
1907	342620	684180	677560	173980	83380	66080	2,478,710	
1908	374560	573740	413420	158660	82964	54290	2,060,494	
1909	469040	553660	307700	124130	58742	52654	2,133,214	
1910	176564	274130	191900	83978	40826	39672	1,194,106	
1911	555062	563720	544764	293818	80102	53680	2,593,206	
1912	267082	654106	643322	260216	65224	43950	2,257,786	
1913	346040	406954	461268	112120	56300	49922	2,032,620	
1914	395854	509192	240872	69736	36404	34262	1,674,800	
1915	189044	449730	333468	117328	40586	39034	1,548,852	
1916	394484	624032	718728	175390	63068	48764	2,905,228	
1917	315642	512674	659854	148066	65210	47974	2,160,833	
1918	273726	454010	376208	192504	67552	42046	1,766,536	
1919	136450	243200	76712	35296	24426	25320	892,242	
1920	501662	700496	367370	152598	60730	47302	2,336,520	
1921	232672	247704	106072	41132	30872	29480	1,113,374	
1922	378928	665294	725602	233700	74786	55734	2,677,270	
1923	316512	852194	305656	118232	51462	41304	2,438,946	
1924	179094	356418	265896	98288	36022	32488	1,336,000	
1925	274178	295246	257382	79234	43256	34720	1,342,541	
1926	177172	251538	110862	34670	23156	24046	946,841	
1927	336006	564176	458224	154298	52212	41746	1,916,880	
1928	239342	341610	538198	99610	40282	35556	1,580,350	
1929	249648	229216	86240	37252	22622	24966	1,106,080	
1930	299458	428528	363262	97334	39022	30052	1,585,108	
1931	577594	625906	319284	82558	43272	40936	1,990,794	
1932	207358	381192	178996	60820	25996	25958	1,167,414	
1933	505100	711314	558138	201292	71190	46910	2,625,882	
1934	328918	341836	136300	60358	38454	30436	1,379,002	
1935	355842	434480	227258	64468	31480	38986	1,612,348	

- IN ACHE FEET

894 = 1085

AUGUST	SEPTEMBER	TOTAL
63620	58000	1,559,520
81960	57500	3,301,340
67250	62520	2,045,910
45730	39168	1,482,864
107940	68500	2,915,442
53196	51196	2,177,972
52222	49944	1,985,996
19496	10914	1,476,636
53000	46344	2,269,936
71172	43830	3,017,216
31470	34660	1,163,050
52410	41090	1,702,950
101600	62066	3,207,016
64020	58524	1,845,534
63690	57220	2,747,690
72970	56390	2,758,160
74506	59726	2,494,344
83380	66080	2,478,710
82964	54290	2,060,494
58742	52654	2,133,214
40926	39672	1,194,106
60102	53680	2,593,206
65224	43950	2,257,786
56300	49922	2,032,620
36404	34262	1,674,800
40586	39034	1,548,852
63068	48784	2,905,228
65210	47974	2,160,833
67552	42946	1,766,536
24426	25320	892,242
60730	47302	2,336,520
30872	29480	1,113,374
74786	55734	2,677,270
51462	41304	2,438,946
36022	32488	1,336,000
43256	34720	1,342,541
23156	24046	946,841
52212	41746	1,916,880
40282	35556	1,580,350
22622	24966	1,106,080
39022	30052	1,585,108
43272	40936	1,990,794
25996	25958	1,167,414
71190	46910	2,625,862
38454	30436	1,379,002
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 RI
FOR IRRIGATION YEARS BEGINNING

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT
1940-41	53168	59764	56634	54260	65368	113418	188900	365336	266776	83332	53206	
1941-42	48552	63200	106838	62182	62162	87804	341862	325676	362374	137452	46974	
1942-43	42564	64068	81782	153190	116564	235138	1006532	722804	627754	359598	103756	
1943-44	61802	70704	55768	49412	52610	68094	164000	303208	247726	106382	43684	
1944-45	40828	52198	42932	56270	80144	99160	202368	473146	405996	139808	51316	
1945-46	45822	53670	74712	79530	65804	218604	639804	651660	378824	137194	58374	4
1946-47	67394	72214	109392	60362	87278	181276	289398	545764	297238	114074	43050	3
1947-48	56244	57582	55516	65522	60480	73396	264424	505792	459706	109372	44612	3
1948-49	44642	53918	51094	49038	45674	146834	416548	566862	301108	91898	40464	3
1949-50	49224	55212	51216	63188	71410	154558	409786	559496	540810	241712	74502	49
1950-51	67520	84952	88638	70656	126136	128158	553712	689842	439576	195690	70696	42
1951-52	77272	64284	87604	68400	77508	106282	671898	899574	518600	172464	68736	51
1952-53	51784	48172	54662	101282	88560	126710	330196	403576	583564	254344	72894	476
1953-54	49856	59544	57108	61536	93274	149716	382042	596132	343118	178956	67416	423
1954-55	52732	50470	45120	47482	40446	55622	129822	397270	119160	131938	56542	407
1955-56	50622	68636	205518	147514	104510	228258	636502	841354	582534	189896	62416	550

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
0	365336	266776	83332	53206	41318	1,400,910
2	325676	362374	137452	46974	35340	1,680,172
2	722804	627754	359598	103756	56098	3,569,848
0	303208	247726	106382	43684	34768	1,258,158
8	473146	405976	139808	51316	39146	1,683,282
4	651660	378824	137194	58374	45934	2,449,932
8	545764	297238	114094	43050	37208	1,904,668
4	505792	459706	109372	44612	36580	1,789,226
8	566862	301108	91898	40464	31126	1,839,206
6	559496	540810	241712	74502	49264	2,320,378
12	689842	439576	195690	70696	42550	2,558,126
8	899574	518800	172464	68736	51108	2,863,930
96	403576	583564	254344	72894	47628	2,163,372
12	596132	343118	178956	67416	42364	2,081,062
22	397270	119160	131938	56542	40794	1,467,468
502	841354	582534	189890	62416	55084	3,172,944

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET
FOR IRRIGATION YEARS BEGINNING 1894 - 1895

	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
0	365336	266776	83332	53206	41318	1,400,910
2	325676	362374	137452	46974	35340	1,680,172
2	722804	627754	359598	103756	56098	3,569,848
0	303208	247726	106382	43684	34768	1,258,158
8	473146	405996	139808	51316	39146	1,683,282
4	651660	378824	137194	58374	45934	2,449,932
8	545764	297238	114094	43050	37208	1,904,668
4	505792	459706	109372	44612	36580	1,789,236
8	566862	301108	91898	40464	31126	1,839,206
86	559496	540810	241712	74502	49264	2,320,378
12	689842	439576	195690	70696	42550	2,558,126
98	899574	518600	172464	68736	51108	2,863,930
96	403576	583564	254344	72894	47628	2,163,372
42	596132	343118	178956	67416	42364	2,081,062
22	397270	419160	131938	56542	40794	1,467,468
532	841354	582534	189896	62416	55084	3,172,944

DISCHARGE IN SECOND FEET OF BOISE V.
BY DAYS DURING THE IRRIGATION SEASON OF 1956, IN

	APRIL														
NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL PENITENTIARY JARD(SOUTH BOISE) RICENBAUGH SETTLERS	1294	1294	1345	1421	1507	1499	1532	1227	1641	1875	2175	2275	2452	2600	26
	55	60	67	70	128	121	124	125	149	155	156	223	0	329	3
THURMAN MILL DUZEN(CONSUMERS) BOISE CITY FARMER UNION & B. V. NEW UNION	6	6	6	6	6	6	6	6	6	6	6	7	7	9	1
	20	20	20	64	80	80	80	75	75	107	118	110	0	133	15
									6	6	6	6	6	6	
NOT LBY CREEK BALLANTINE WILKINSON CANALS LITTLE FIONEER CANYON COUNTY											12	12	15	18	2
											6	6	7	8	6
										25	58	58	52	52	52
EAGLE ISLAND CANALS RYELL IS EUREKA #1 CALDWELL HIGH LINE SUBSIE (FARMERS CO-OP)									86	94	126	136	147	272	313
										27	27	31	31	31	31
			111	135	167	167	180	130	190	225	274	301	243	301	301
CAMPBELL STEBENBURG RIVERSIDE #2 PIONEER DIXIE EUREKA #2											8	8	8	12	15
											6	6	6	9	9
										94	142	169	150	156	173
					35	42	55	67	74	74	79	79	79	81	81
UPPER CENTER POINT LOWER CENTER POINT MISCELLANEOUS					7	7	7	7	7	9	9	11	11	11	11
								6	6	6	10	12	14	16	18
										27	21	24	24	29	21
TOTAL CANAL DIVERSIONS	1375	1330	1549	1826	1930	1929	1918	1693	2137	2786	3301	3638	3395	4261	4496
RIVER AT NOTUS	6670	6530	6750	6500	6230	5900	5720	5620	5410	4960	4620	4300	2670	2910	3270
TOTALS	8045	7960	8099	8126	8160	7919	7762	7313	7671	7746	7921	7938	6065	7174	7756

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

DURING THE IRRIGATION SEASON OF 1956, INCLUDING STORAGE

APRIL

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
1	1875	2475	2295	2462	2606	2673	2718	2785	2830	2882	2852	2641	2552	2562	2652	2852	2852	2852
2	155	156	223	0	329	361	389	454	454	465	528	526	529	543	562	578	577	502
3							43	90	115	142	155	179	187	197	196	195	195	182
4	6	6	7	7	9	15	15	17	17	19	23	23	23	23	23	23	23	25
5	107	118	110	0	133	147	159	193	204	214	225	225	224	236	236	242	211	240
6	6	6	6	6	6	7	8	9	10	11	11	11	12	12	12	13	13	14
7		12	12	18	18	24	28	34	42	50	54	54	54	54	54	54	54	54
8		6	6	7	8	9	9	10	10	11	11	12	12	13	13	14	14	15
9			35	35	31	31	29	29	29	29	29	29	29	29	29	29	31	31
10	25	58	58	52	52	52	52	62	73	73	78	78	78	84	95	95	69	83
11	54	54	54	54	54	51	54	55	55	55	55	55	55	55	55	55	55	55
12	94	126	136	147	272	313	361	367	389	401	461	470	457	467	467	467	467	401
13	27	27	31	31	31	31	55	55	108	108	106	106	92	92	106	110	99	106
14	225	274	301	245	301	301	301	301	301	301	305	305	309	309	309	313	313	313
15		8	8	8	12	15	18	23	0	0	0	15	23	38	38	39	39	23
16		5	6	6	9	9	9	5	5	5	4	4	4	4	12	15	15	15
17	94	142	169	150	156	175	180	175	176	177	179	181	185	184	186	188	194	200
18			34	34	45	42	66	69	72	75	78	81	84	84	86	88	88	88
19	74	74	79	79	61	61	63	63	64	65	66	67	66	69	91	95	95	95
20	9	9	11	11	11	11	11	21	21	21	21	19	19	16	15	15	15	15
21	6	6	10	12	14	16	19	19	19	20	21	22	23	24	25	26	26	26
22	20	24	24	24	24	24	29	24	29	29	29	29	29	29	29	29	31	24
23	2736	3301	3638	3395	4264	4466	4739	5022	5240	5298	5531	5582	5612	5670	5750	5796	5741	58
24	1960	4620	4300	2670	2910	3270	3230	3140	3140	3040	2780	2710	2700	2720	2720	2720	3010	35
25	7746	7921	7938	6065	7174	7756	7969	8162	8340	8338	8311	8292	8312	8410	8470	8615	8751	94

CHART NO. 5

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
2785	2783	2802	2852	2841	2852	2852	2852	2852	2852	2852	2852	2852	2852	2852	65349
9	9	9	9	5	5	9	10	10	10	10	9	9	9	9	91
454	454	455	528	526	529	543	562	578	577	502	505	505	505	505	151
90	115	142	155	179	137	177	196	195	195	182	192	181	180	180	9756
															2419
17	17	19	23	23	23	23	23	23	23	25	25	25	25	25	344
13	13	13	13	14	14	14	14	15	15	15	16	16	16	16	310
	17	17	24	24	31	31	32	32	0	25	31	28	29	29	321
193	236	214	225	225	224	236	236	242	241	240	240	238	238	238	4453
9	10	11	11	11	12	12	12	13	13	14	14	15	15	15	223
34	42	50	54	54	54	54	54	54	54	54	54	54	54	54	832
10	10	11	11	12	12	13	13	14	14	15	15	15	15	15	225
67	131	133	133	141	143	151	149	152	167	167	169	169	169	169	2221
29	29	29	29	29	29	29	29	29	31	31	31	31	31	31	577
62	73	73	75	78	78	84	95	95	89	83	76	76	76	76	1455
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	1148
357	389	401	461	470	457	467	460	465	467	401	403	401	397	397	7620
30	30	36	37	38	41	41	41	43	43	43	43	43	43	43	620
55	108	108	106	108	92	92	106	110	99	106	104	104	104	104	1637
301	301	301	305	305	309	309	309	313	313	313	313	307	303	303	7370
23	0	0	0	15	23	38	38	39	39	23	17	17	17	17	358
5	5	5	4	4	4	4	4	12	15	15	15	15	15	15	178
175	176	177	179	181	183	184	186	188	194	200	204	204	204	204	3701
66	66	72	75	78	81	84	86	88	88	88	84	84	84	84	1292
83	84	85	86	87	86	89	91	95	95	95	95	95	95	95	2092
21	21	21	21	19	19	16	16	16	15	15	19	19	19	19	367
18	19	20	21	22	23	24	25	26	26	26	26	26	26	26	434
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	609
5322	5240	5298	5531	5582	5612	5670	5730	5795	5741	5636	5637	5625	5617	5617	120163
3140	3130	3040	2780	2710	2700	2700	2730	2730	3010	3530	3960	4400	4900	4900	126753
8152	8340	8338	8311	8292	8312	8410	8470	8515	8751	9166	9597	10025	10517	10517	246713

DISCHARGE IN SECOND F
BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2630	2830	2930	2662	2735	2729	2724	2737	2712	2707	2584	2311	2220	2295	24
PENITENTIARY	9	9	9	9	9	9	9	9	9	9	3	3	2	3	
SUB (SOUTH BOISE)	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
RITENBAUGH	502	502	506	500	504	504	467	467	467	468	461	459	460	470	47
SETTLERS	190	179	173	178	159	160	160	150	150	148	148	148	157	157	15
THURMAN MILL	26	26	26	27	27	28	28	29	29	30	30	31	32	33	3
CRUZEN (CONSUMERS)	18	18	18	19	19	20	20	20	21	21	21	22	22	22	2
BOISE CITY	31	31	29	0	24	29	29	26	30	30	29	0	28	28	2
FARMERS UNION & B. V.	249	244	244	232	232	222	222	216	216	205	192	190	190	190	21
NEW UNION	15	15	15	15	15	15	15	15	15	15	15	15	15	15	1
NEW TRY CREEK	55	55	55	55	55	55	55	55	56	56	56	56	56	56	56
BALLANTINE	16	16	16	16	16	17	17	17	17	17	16	16	16	18	18
MIDDLETON CANALS	176	176	176	178	180	185	187	192	186	186	184	191	191	181	170
LITTLE PIONEER	31	31	31	32	32	33	33	34	34	34	34	34	34	34	34
CANYON COUNTY	71	71	71	71	76	76	76	76	70	70	66	66	66	70	73
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHYLLIS	392	390	398	402	363	374	333	279	293	297	287	288	279	232	240
ELUREKA #1	41	41	40	41	32	35	29	24	21	20	17	16	13	15	19
CALDWELL HIGH LINE	87	90	90	92	91	97	79	62	56	54	62	62	61	61	61
SEBREE (FARMERS CO-OP)	305	305	314	307	299	272	234	236	229	229	229	228	229	234	260
CAMPBELL	17	17	17	17	17	16	16	16	16	16	15	16	16	17	18
SIEBENBERG	12	12	14	14	14	16	16	16	16	16	18	18	9	9	7
RIVERSIDE #2	207	207	207	207	207	207	201	195	195	195	165	163	157	157	152
PIONEER EXHIB	81	81	81	81	81	81	81	81	81	81	87	87	93	93	96
ELUREKA #2	95	95	95	95	95	95	95	96	96	96	96	96	96	96	96
UPPER CENTER POINT	19	19	19	19	19	19	19	19	21	21	21	21	21	21	23
LOWER CENTER POINT	26	26	26	28	32	32	32	32	26	25	21	21	16	19	17
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5569	5584	5602	5402	5434	5424	5277	5181	5163	5140	4962	4636	4532	4624	4826
RIVER AT NOTUS	4880	4830	4820	4960	5250	5250	5580	5600	5770	5630	6020	6260	6020	5820	5950
TOTALS	10469	10414	10422	10362	10684	10674	10857	10781	10793	10770	10982	10896	10552	10444	10776

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1956, INCLUDING STORAGE

MAY

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2	2707	2584	2311	2220	2295	2436	2651	2735	2735	2740	2735	2752	2752	2757	2774	2763	2763	2735	2735
7	9	3	3	2	3	3	3	3	9	9	9	9	9	9	9	9	9	9	9
1	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
7	468	461	459	460	470	470	500	536	588	594	591	596	606	606	591	590	588	470	469
0	148	148	148	157	157	157	159	180	192	192	192	192	193	193	192	192	192	192	181
9	30	30	31	32	33	34	35	35	36	36	37	37	38	38	36	35	34	34	33
1	21	21	22	22	22	23	23	23	24	24	24	25	25	25	25	25	25	25	25
0	30	29	0	28	28	27	30	30	30	31	31	31	31	32	32	32	32	32	32
6	205	192	190	190	190	213	228	230	251	258	265	269	271	271	268	267	267	254	254
5	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14
6	56	56	56	56	56	56	56	55	54	54	53	53	52	52	51	51	50	50	49
7	17	18	18	18	18	18	19	19	20	20	21	21	22	23	24	25	26	27	28
6	186	181	181	181	181	178	178	178	174	171	171	170	169	167	171	176	176	152	152
4	34	34	34	34	34	34	34	34	34	34	34	31	31	31	31	31	31	31	31
0	70	66	66	66	70	73	76	79	82	85	86	91	94	97	100	94	82	71	62
5	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
3	257	287	286	279	232	240	333	355	397	454	448	456	457	475	472	440	442	415	136
1	20	17	16	13	15	19	25	31	31	36	36	36	37	37	36	36	36	29	10
6	54	62	62	61	61	61	61	60	58	59	59	58	60	59	57	56	56	54	54
9	229	229	225	229	234	260	295	312	337	343	341	344	343	340	329	325	311	286	284
6	16	15	16	16	17	18	19	20	21	21	21	19	19	19	19	18	18	18	18
6	10	18	18	9	9	7	7	3	3	3	3	3	6	6	6	6	9	9	9
5	185	165	163	157	157	152	152	152	148	146	148	175	175	170	181	187	195	199	201
1	81	87	87	93	93	96	96	96	98	98	98	84	84	84	84	77	77	77	75
6	96	96	96	96	96	96	96	96	96	96	96	94	92	89	87	87	87	87	87
1	21	21	21	21	21	23	23	23	23	23	23	23	17	17	17	17	15	15	15
6	25	21	21	19	19	17	17	15	15	15	15	15	15	15	15	15	17	17	17
9	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
3	5140	4652	4636	4532	4624	4826	5230	5425	5569	5657	5649	5690	5711	5737	5719	5667	5651	5401	5081
0	5633	6020	6260	6020	5820	5550	4860	4130	4200	4100	4190	4130	3190	2820	3140	3320	3390	4010	4300
033	13820	13982	13896	13532	13444	13376	13090	9855	9762	9757	9829	9829	8811	8557	8939	8987	9041	9411	9381

STORAGE

19	20	21	22	23	24	25	26	27	28	29	30	31	
2740	2735	2732	2732	2737	2774	2763	2733	2735	2735	2735	2746	2700	83120
9	9	9	9	9	9	9	9	9	9	9	9	7	234
11	11	11	11	11	11	11	11	11	11	11	11	11	434
594	591	596	606	608	591	590	598	470	467	468	466	464	15936
192	192	192	193	193	192	192	192	192	181	181	180	180	5407
36	37	37	38	38	36	35	34	34	33	33	32	32	997
24	24	25	25	25	25	25	25	25	25	25	25	25	697
31	31	31	31	32	32	32	32	32	32	33	33	35	978
258	265	269	271	271	268	267	267	254	254	247	247	252	7356
15	15	15	15	15	15	15	15	15	14	14	14	14	461
54	53	53	52	52	51	51	50	50	49	51	53	55	1670
20	21	21	22	23	24	25	26	27	28	28	28	28	634
171	171	170	169	167	171	176	176	152	152	147	112	148	5374
34	31	31	31	31	31	31	31	31	31	34	34	34	1012
85	88	91	94	97	100	94	82	71	62	52	62	62	2356
55	55	55	55	55	55	55	55	55	55	55	55	55	1705
454	448	450	457	475	472	440	442	415	139	275	269	268	10877
36	36	36	37	37	36	36	36	29	10	21	21	21	863
99	59	53	60	59	57	56	56	51	54	54	54	54	2021
343	341	344	343	340	329	325	311	286	284	284	277	277	8351
21	21	19	19	19	19	18	18	18	18	18	18	18	551
3	3	3	6	6	6	6	9	9	9	9	6	5	303
146	148	175	175	170	180	187	195	199	201	201	201	201	5643
98	98	84	84	84	84	77	77	77	75	75	75	75	2625
96	96	94	92	87	87	87	87	87	87	87	87	87	2884
23	23	23	17	17	17	17	15	15	15	15	15	15	597
15	15	15	15	15	15	15	17	17	17	17	17	17	639
29	29	29	29	29	29	29	29	29	29	29	29	29	899
5657	5649	5699	5711	5737	5719	5667	5651	5401	5081	5221	5176	5173	165144
4100	4180	4130	3100	2820	3140	3320	3390	4010	4300	4130	4120	4040	144760
9757	9829	9829	8811	8557	8659	8987	9041	9411	9381	9351	9298	9213	303904

DISCHARGE IN SECOND FEET OF BOISE
BY CANAL DURING THE IRRIGATION SEASON OF 19

JUNE

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NEW YORK CANAL	2754	2754	2754	2754	2754	2754	2754	2754	2754	2754	2754	2810	2810	2810	2816	2816
PENITENTIARY	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	7
BOBB (SOUTH BOISE)	15	15	15	15	15	16	16	17	17	18	18	17	16	15	15	15
RIDENBAUGH	496	508	505	505	505	506	507	514	515	515	515	519	519	519	522	522
SETTLERS	185	185	186	186	186	186	186	167	167	167	166	175	175	175	166	166
THURMAN MILL	31	30	29	28	27	27	27	27	27	27	27	28	28	28	23	23
GRUZE (CONSUMERS)	24	24	24	24	24	24	25	25	25	25	25	24	24	24	23	23
BOISE CITY	33	33	33	32	32	32	31	31	31	31	31	33	33	33	32	32
FARMERS UNION & B. V.	259	259	258	258	254	255	255	256	257	256	259	265	262	265	259	259
NEW UNION	16	16	16	16	16	16	16	16	15	16	15	15	15	15	15	15
NEW DRY CREEK	57	61	65	69	71	70	69	68	67	66	65	65	65	65	65	65
BALLANTINE	28	28	27	27	27	27	27	27	27	27	26	26	26	26	24	24
MIDDLETON CANALS	186	189	189	196	196	199	199	203	199	196	197	201	202	201	195	196
LITTLE PIONEER	34	34	35	35	36	36	37	37	38	39	40	41	41	41	39	39
GRISON COUNTY	68	68	72	81	90	90	90	88	86	85	85	85	85	84	84	83
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHILLIS	311	317	307	309	300	271	271	275	290	309	318	320	342	360	356	329
EUREKA #1	25	27	27	27	24	23	22	21	22	25	27	26	35	38	33	31
GALDWELL FISH LINE	55	59	72	71	70	69	69	67	78	76	79	72	98	98	118	114
SEBREE (FARMERS CO-OP)	301	292	293	281	279	261	273	281	293	307	313	327	327	327	330	327
CAMPBELL	17	17	17	17	17	17	17	31	31	31	27	24	24	24	24	22
STEBINBERG	6	6	9	9	9	3	3	3	3	12	12	12	4	4	5	5
ELVERDE #2	203	203	203	191	191	201	209	217	217	219	217	227	227	227	225	227
PIONEER DIXIE	73	73	73	75	75	75	75	75	75	75	75	75	75	75	75	75
EUREKA #2	87	87	87	87	87	87	87	85	85	85	83	79	77	77	75	75
UPPER CENTER POINT	13	13	13	13	13	13	16	16	16	17	17	16	15	14	14	14
LOWER CENTER POINT	18	18	18	18	18	18	18	15	15	18	18	18	18	18	15	15
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DISCHARGE	5367	5414	5418	5415	5407	5377	5407	5407	5444	5487	5509	5592	5616	5624	5641	5576
RIVER AT NOTUS	3770	4340	4670	4700	4930	5430	5390	5300	5140	5100	5100	4250	3110	2670	2750	3030
TOTALS	9157	9754	10088	10115	10337	10807	10807	10707	10584	10587	10609	9842	8726	8294	8391	8606

DISCHARGE IN SECOND FEET OF DOISE VALLEY CANALS

DURING THE IRRIGATION SEASON OF 1956, INCLUDING STORAGE

JUNE

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2754	2754	2810	2830	2800	2816	2811	2780	2785	2800	2800	2810	2830	2830	2830	2830	2830	2830	2830	2858
7	7	7	8	8	7	8	8	7	8	8	8	8	11	13	12	12	12	12	12
18	18	17	16	15	15	14	14	13	14	14	15	15	16	16	17	17	17	18	16
515	515	519	515	519	522	505	509	507	518	516	518	522	520	525	528	527	560	586	583
167	166	175	175	175	165	164	163	163	163	170	170	150	150	150	150	150	182	189	182
27	27	28	28	25	23	21	19	17	16	15	16	17	18	19	20	21	23	25	27
25	25	24	24	24	23	23	23	22	22	22	21	21	20	20	19	18	18	19	20
31	31	33	33	33	32	32	33	33	32	32	32	32	32	32	32	31	31	31	31
256	259	265	262	265	259	254	251	250	246	244	250	256	259	250	266	268	269	269	270
16	15	15	15	15	15	15	15	16	16	16	17	17	17	17	17	17	17	17	17
66	65	65	65	65	65	65	65	65	64	64	64	64	64	64	63	63	63	63	63
27	26	26	26	25	24	23	22	21	21	20	19	19	18	18	17	17	18	18	19
196	197	201	202	201	195	196	198	201	203	201	202	199	199	202	203	205	205	207	210
39	40	41	41	41	39	39	39	39	34	34	34	34	34	34	34	37	37	44	56
85	85	85	85	84	84	83	83	81	81	81	81	81	83	83	83	83	83	83	83
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
309	316	329	342	360	356	329	315	327	244	328	319	317	337	355	360	380	395	412	436
25	27	26	35	38	33	31	29	30	18	29	26	27	31	34	33	34	36	38	42
76	79	72	98	98	118	114	110	107	84	56	56	56	51	51	50	39	29	26	26
307	313	327	327	327	330	327	304	327	327	225	307	329	333	332	338	347	356	356	359
31	27	24	24	21	24	22	22	18	16	16	16	16	15	16	16	16	16	13	18
12	12	12	4	4	6	8	12	12	7	3	3	4	4	7	9	11	11	15	15
219	217	221	221	222	225	227	219	219	231	300	288	203	203	207	207	195	187	215	215
73	73	73	73	71	71	69	69	69	69	0	0	97	97	97	97	97	97	73	73
85	83	79	77	77	74	79	77	77	71	67	67	79	70	70	70	67	67	50	54
17	17	16	16	14	14	14	13	13	11	11	13	15	15	15	15	15	15	12	12
18	18	17	10	10	15	15	15	15	15	15	15	17	17	15	15	15	22	22	22
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
5487	5509	5592	5616	5624	5641	5576	5507	5514	5418	5476	5468	5533	5589	5600	5619	5630	5681	5726	5810
5100	5100	4250	3110	2670	2750	3030	3740	3600	2060	1980	1470	1140	936	936	618	692	554	438	317
10587	10609	9842	8926	8294	8341	8636	9247	9174	7178	7356	6638	6673	6495	6536	6507	6322	6235	6154	6152

	21	22	23	24	25	26	27	28	29	30	31	
0	2810	2830	2830	2830	2830	2830	2830	2830	2858	2858		83832
8	8	8	11	13	12	12	12	12	12	12		258
4	15	15	16	16	17	17	17	18	18	18		476
6	518	522	520	525	528	527	560	586	583	581		15781
0	170	180	180	180	180	180	183	185	182	191		5274
5	16	17	18	19	20	21	23	25	27	29		714
2	21	21	20	20	19	18	18	19	20	20		672
12	32	32	32	32	32	31	31	31	31	31		953
19	250	256	250	250	266	268	269	260	270	273		7774
10	17	17	17	17	17	17	17	17	17	17		483
34	64	64	64	64	63	63	63	63	63	63		1042
20	19	19	18	18	17	17	18	18	19	19		688
31	203	199	198	202	203	205	205	207	210	211		5990
34	34	34	34	34	34	37	37	44	56	56		1440
01	61	61	63	63	63	63	63	63	63	63		2476
55	56	56	55	55	55	55	55	55	55	55		1650
28	319	317	337	345	360	380	395	412	436	429		9948
29	26	27	31	34	33	34	36	38	42	37		872
56	56	56	51	51	50	39	29	26	26	26		2032
25	327	320	333	332	336	347	356	356	359	361		9586
16	16	16	16	16	16	16	16	13	16	18		600
3	3	4	4	7	9	11	11	15	15	15		230
00	288	203	203	207	207	195	187	215	215	231		6526
0	3	97	97	97	97	97	97	75	73	73		2180
67	67	70	70	70	70	67	67	50	54	63		2778
11	13	15	15	15	15	15	15	12	12	12		421
15	15	17	17	15	15	15	22	22	22	22		508
29	29	29	29	29	29	29	29	29	29	29		670
76	5468	5533	5589	5600	5619	5630	5681	5726	5815	5833		166180
80	1470	1440	936	936	898	692	554	438	347	479		84090
736	6438	6473	6495	6536	6507	6322	6235	6154	6152	6312		255270

DISCHARGE IN SECOND FEET OF BOISE
BY DAYS DURING THE IRRIGATION SEASON OF 19

JULY

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2840	2840	2840	2840	2840	2856	2840	2840	2840	2840	2840	2840	2840	2840	2840
PENITENTIARY	12	11	10	10	9	9	12	11	10	8	8	6	6	6	6
BUBB (SOUTH BOISE)	19	19	19	19	19	20	20	20	20	21	21	21	21	21	21
RILEYBAUGH	589	587	590	588	583	581	577	579	577	576	569	582	582	583	581
SETTLERS	191	192	191	195	200	202	207	205	204	191	190	191	190	190	190
THURMAN MILL	31	34	37	37	36	35	34	33	32	31	31	31	31	31	31
GRUZEN (CONSUMERS)	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22
BOISE CITY	31	31	31	31	31	30	29	29	29	28	28	30	31	33	34
FARMERS UNION & B. V.	270	269	268	267	272	272	270	269	266	264	266	266	262	262	262
NEW UNION	18	18	18	18	18	18	18	18	18	18	16	16	16	16	16
NEW ERY CREEK	61	61	61	61	61	61	60	60	60	60	59	59	60	61	62
BALLANTINE	20	20	20	20	20	20	20	20	20	20	20	21	21	21	21
MIDDLETON CANALS	224	224	220	217	178	178	175	166	165	165	165	163	163	163	162
LITTLE PIONEER	60	60	60	60	54	54	54	54	49	49	49	48	47	46	45
CANYON COUNTY	82	82	78	74	74	74	74	74	74	74	74	71	60	66	66
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHYLLIS	428	436	430	428	419	423	437	420	413	415	421	427	436	419	421
EUREKA #1	38	36	36	36	37	37	37	38	37	37	39	39	40	41	41
CALYELL HIGH LINE	40	51	58	57	58	60	63	68	67	66	60	61	74	74	75
SEBRIE (FARMERS CO-OP)	363	365	366	367	364	365	366	367	373	370	373	372	373	372	361
CAMPBELL	20	20	20	20	18	18	18	18	19	22	24	26	26	26	22
SIEBENBERG	15	15	15	15	7	16	16	15	15	14	14	18	18	22	22
RIVERSIDE #2	215	235	235	238	220	236	236	230	230	230	224	224	224	221	224
PIONEER DIXIE	73	73	73	70	70	70	70	70	70	70	76	62	62	67	74
EUREKA #2	77	77	106	101	96	91	84	77	81	81	81	84	81	87	95
UPPER CENTER POINT	15	18	23	23	29	29	21	16	16	18	15	15	13	15	16
LOWER CENTER POINT	22	22	24	24	24	24	24	24	21	19	17	12	12	15	19
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5879	5901	5936	5923	5842	5886	5869	5828	5814	5783	5776	5794	5811	5814	582
RIVER AT NOTUS	350	422	428	444	503	467	444	433	428	332	274	299	247	266	32
TOTALS	6229	6323	6364	6367	6345	6353	6313	6261	6242	6115	6050	6033	6058	6060	615

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

DAYS DURING THE IRRIGATION SEASON OF 1966, INCLUDING STORAGE

JULY

0	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2855	2850	2840	2840	2840	2840
8	8	6	6	6	6	9	9	9	5	5	5	5	5	5	5	7	7	7
21	21	21	21	21	21	21	20	20	20	19	19	19	18	18	18	17	17	17
576	569	582	582	583	581	587	585	577	582	585	585	583	580	573	573	576	564	568
151	190	191	190	190	190	188	187	185	186	183	185	182	182	177	179	178	0	163
31	31	31	31	31	31	31	31	31	32	33	34	35	36	37	37	37	36	36
22	22	22	22	22	22	22	22	23	23	24	24	25	25	25	25	25	25	25
28	28	30	31	33	34	34	33	33	33	33	34	34	34	34	34	34	33	32
264	266	266	262	262	262	264	266	266	266	266	266	266	266	264	263	261	257	256
18	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15
60	59	59	60	61	62	62	63	63	61	61	60	60	59	59	59	60	60	61
20	20	21	21	21	21	21	21	20	19	18	17	16	15	14	14	14	15	15
165	165	163	163	163	162	162	162	161	161	162	162	163	161	160	158	156	153	152
49	49	48	47	46	45	44	42	42	42	43	43	44	45	46	45	44	43	42
74	74	71	60	66	66	71	60	60	66	98	109	109	113	101	101	98	96	98
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
415	421	427	436	419	421	433	429	424	409	407	405	401	401	387	379	387	377	369
37	39	39	40	41	41	33	33	36	39	41	41	39	28	27	26	25	24	24
66	60	61	74	74	75	75	66	60	67	67	64	66	67	67	66	65	72	69
370	373	372	373	372	361	360	361	360	365	365	365	365	363	365	364	359	356	343
22	24	26	26	26	22	19	16	16	18	18	18	18	21	21	21	24	24	27
14	14	18	18	22	22	15	18	18	15	15	15	18	16	18	16	16	16	16
220	224	224	224	221	224	224	206	200	186	194	206	206	210	212	210	215	215	211
70	66	62	62	67	74	74	82	82	82	82	78	76	74	72	72	67	67	69
81	81	84	81	87	95	95	95	91	91	91	91	87	87	83	83	83	79	79
18	15	15	13	15	16	18	18	19	17	17	17	15	19	21	25	25	25	25
19	17	12	12	15	15	24	28	32	32	32	28	28	24	24	24	24	24	24
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
5783	5776	5794	5811	5814	5815	5829	5793	5774	5760	5799	5811	5802	5806	5761	5736	5736	5724	5686
332	274	239	247	266	298	328	298	266	278	266	298	346	380	370	360	380	428	433
6115	6050	5933	6058	6060	6113	6157	6091	6040	6038	6065	6129	6148	6186	6131	6096	6116	5952	6119

	20	21	22	23	24	25	26	27	28	29	30	31	
340	2840	2840	2840	2855	2850	2840	2840	2840	2840	2840	2840	2840	88061
5	5	5	5	5	5	5	7	7	6	6	6	6	234
20	19	19	19	18	18	18	17	17	17	16	16	16	592
582	585	585	583	580	573	573	576	564	568	569	560	570	17951
186	183	185	182	182	179	179	178	0	163	163	163	163	5675
32	33	34	35	36	37	37	37	36	36	36	35	35	1047
23	24	24	25	25	25	25	25	25	25	25	25	25	710
33	33	34	34	34	34	34	34	33	32	31	32	33	987
266	266	266	266	266	264	263	261	257	256	255	254	251	8192
16	16	16	16	16	15	15	15	15	15	14	14	14	505
61	61	60	60	59	59	59	60	60	61	61	61	61	1878
19	18	17	16	15	14	14	14	15	15	16	16	16	571
161	162	162	163	161	160	158	156	153	152	152	136	136	5225
42	43	43	44	45	46	45	44	43	42	41	40	39	1474
66	98	109	109	113	101	101	98	96	98	94	101	94	2577
55	55	55	55	55	55	55	55	55	55	55	55	55	1705
409	407	405	401	401	387	379	387	377	369	367	360	371	12679
39	41	41	39	28	27	26	25	24	24	24	24	36	1069
67	67	64	66	67	67	66	65	72	69	66	60	60	1998
365	365	365	365	363	365	364	359	356	343	341	349	350	11248
18	18	18	18	21	21	21	24	24	27	27	19	19	643
15	15	15	18	16	18	16	16	16	16	15	15	15	503
186	194	206	206	210	212	210	215	213	211	207	207	207	6756
82	82	78	76	74	72	72	67	67	69	69	69	69	2226
91	91	91	87	87	83	83	83	79	79	74	71	71	2352
17	17	17	15	19	21	25	25	25	25	21	21	21	614
32	32	28	28	24	24	24	24	24	24	24	24	24	723
29	29	29	29	29	29	29	29	29	29	29	29	29	899
5760	5799	5811	5802	5806	5761	5736	5736	5724	5686	5658	5622	5646	179414
278	266	298	346	380	370	360	380	428	433	461	450	400	11317
6038	6065	6109	6148	6186	6131	6096	6116	5952	6119	6119	6072	6046	190731

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

AUGUST

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW YORK CANAL	2840	2840	2840	2840	2840	2855	2840	2840	2840	2840	2840	2840	2840	2840
PENITENTIARY	6	8	8	8	8	9	9	10	10	10	10	10	10	10
BUBB (SOUTH BOISE)	15	15	14	14	13	13	12	12	12	12	12	12	12	12
RITENBAUGH	564	559	551	551	546	550	554	545	551	551	557	562	565	561
SETTLERS	185	184	185	185	184	184	184	183	181	181	180	178	177	177
THLAWN MILL	34	33	32	31	30	29	28	28	28	28	29	29	29	30
CRUZON (CONSUMERS)	24	24	24	24	24	24	24	24	24	23	23	23	22	22
BOISE CITY	32	32	32	31	32	32	32	32	32	33	33	33	32	33
FARMERS UNION & B. V.	240	239	238	237	236	234	235	234	232	226	225	224	228	229
NEW UNION	15	15	15	15	15	15	15	16	16	16	16	16	16	16
NEW DRY CREEK	62	62	62	62	62	0	63	67	65	63	69	64	62	57
BALLANTINE	16	16	16	16	16	16	16	17	17	17	17	18	18	18
MIDDLETON CANALS	127	127	128	128	127	123	122	125	123	122	122	124	133	133
LITTLE PIONEER	40	40	40	40	40	40	44	44	43	40	55	55	59	56
CANYON COUNTY	78	78	74	74	74	74	74	66	66	62	62	62	62	62
EARLE ISLAND CANALS	55	55	55	55	55	55	41	41	41	41	41	41	35	33
PHYLLIS	351	356	322	328	325	346	347	342	362	375	395	390	383	380
EUREKA #1	35	33	30	32	33	33	34	32	36	37	38	39	36	36
SEEREE (FARMERS CO-OP)	346	343	341	335	333	332	333	329	332	330	330	335	343	344
GALDWELL HIGH LINE	61	61	61	58	63	61	58	25	41	47	61	62	62	55
CAMPBELL	14	15	17	17	17	14	11	10	10	12	14	16	13	21
STEBENBERG	13	13	13	13	13	13	16	16	16	16	13	13	10	10
RIVERSIDE #2	201	193	179	179	179	179	179	154	150	150	158	163	169	159
PIONEER LIXIE	71	71	71	71	71	71	71	74	78	78	78	78	78	78
EUREKA #2	71	71	69	69	69	69	69	68	68	68	68	68	68	0
UPPER CENTER POINT	15	15	18	18	17	17	17	15	15	15	15	15	15	15
LOWER CENTER POINT	24	24	24	23	23	23	22	22	22	21	21	21	21	19
MISCELLANEOUS	29	29	29	29	29	29	22	22	22	22	22	22	19	19
TOTAL CANAL DIVERSIONS	5564	5551	5479	5474	5475	5428	5467	5393	5439	5445	5504	5513	5519	5434
RIVER AT NOTUS	360	375	411	406	380	370	332	310	274	258	200	282	286	302
TOTALS	5944	5926	5890	5880	5855	5798	5799	5703	5713	5703	5704	5795	5805	5736

DISCHARGE IN SECOND FEET OF BUTTE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1956, INCLUDING STORAGE

AUGUST

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840
10	10	10	10	10	10	10	10	10	8	5	4	4	4	4	4	5	5
12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13
545	551	551	557	562	565	564	563	564	564	562	559	555	560	557	566	560	554
183	181	181	180	178	177	177	176	174	179	183	182	184	183	174	173	171	171
28	28	28	29	29	29	30	30	31	31	32	32	33	33	33	33	32	32
24	24	23	23	23	22	22	22	23	23	23	24	24	24	23	23	22	22
32	32	33	33	33	32	33	33	33	33	34	34	34	34	34	34	33	33
234	232	226	225	224	228	229	230	229	229	228	227	227	212	211	210	209	209
16	16	16	16	16	16	16	17	18	19	20	21	22	22	22	22	21	21
67	65	63	69	64	62	57	63	66	62	53	65	62	63	65	66	66	67
17	17	17	17	18	18	18	18	18	18	18	17	17	17	17	16	16	15
125	123	122	122	124	133	133	133	133	129	124	127	131	131	125	128	129	119
44	49	49	55	55	59	56	53	50	47	44	41	38	34	34	34	34	34
66	66	62	62	62	62	62	66	72	78	78	78	88	89	83	78	88	94
41	41	41	41	41	35	33	33	33	33	33	33	33	33	33	33	33	33
342	362	375	395	390	383	380	392	384	396	393	385	386	378	402	392	387	388
32	36	37	38	39	36	36	31	33	33	33	31	33	32	28	29	30	29
329	312	330	330	335	343	344	349	351	351	358	350	356	361	357	351	349	349
25	41	47	61	62	62	55	61	56	57	57	58	56	50	50	52	51	50
10	10	12	14	16	13	21	23	24	24	24	24	22	22	20	20	20	20
16	16	16	13	13	10	10	10	11	11	11	11	12	12	12	12	12	12
151	150	150	158	163	169	159	174	174	180	190	190	190	180	165	232	235	174
74	78	78	78	79	78	78	73	73	67	67	67	67	67	67	0	0	61
68	68	68	68	68	68	0	0	71	87	87	87	87	99	99	99	99	99
15	15	15	15	15	15	15	15	15	0	0	19	19	21	23	23	18	13
22	22	21	21	21	21	19	19	19	19	19	23	23	23	28	28	23	23
22	22	22	22	22	19	18	18	18	18	18	18	18	18	18	18	18	18
5303	5439	5445	5504	5513	5519	5434	5464	5532	5545	5545	5552	5564	5555	5537	5529	5513	5498
310	274	258	290	282	286	302	341	324	216	262	274	294	286	278	274	266	270
5703	5713	5703	5794	5795	5805	5736	5805	5856	5831	5827	5826	5858	5841	5815	5803	5779	5768

CHART NO. 5-D

19	20	21	22	23	24	25	26	27	28	29	30	31	
2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	2840	88055
4	4	4	4	4	4	5	5	5	4	4	3	4	213
12	13	13	13	13	13	13	13	12	12	12	12	12	393
559	555	560	557	566	560	551	555	543	518	501	495	479	17016
182	184	183	174	173	171	171	170	170	170	171	172	171	5522
32	33	33	33	33	32	32	32	31	31	31	31	31	957
24	24	24	23	23	22	22	21	21	20	20	20	20	704
34	34	34	34	34	33	33	33	31	30	30	28	28	1000
227	227	212	211	210	209	209	207	207	205	206	205	205	6910
21	22	22	22	22	21	21	20	19	18	17	16	16	548
65	62	63	65	66	66	67	64	64	65	65	68	65	1919
18	17	17	17	16	16	16	15	15	15	15	15	15	513
127	131	131	125	128	129	119	119	120	120	120	118	120	3851
41	38	34	34	34	34	34	34	35	35	35	35	35	1303
78	88	86	83	78	88	88	94	101	88	80	61	61	2339
33	33	33	33	33	33	33	33	33	33	33	33	33	1203
386	386	378	402	392	387	388	391	389	326	307	310	290	11309
31	33	32	28	29	30	29	30	32	32	30	29	27	1006
350	356	361	357	351	349	349	343	333	313	303	295	295	10468
56	56	50	50	52	51	50	47	47	41	44	35	35	1626
24	22	22	20	20	20	20	18	16	11	12	12	12	536
11	12	12	12	12	12	12	15	15	9	9	9	9	380
190	180	180	165	232	235	174	174	174	174	174	174	174	5455
67	67	67	67	0	0	61	61	61	61	61	61	61	2014
87	87	99	99	99	99	99	99	99	101	109	100	100	2417
19	19	21	23	23	18	18	18	18	18	16	14	14	491
23	23	23	28	28	23	23	19	19	19	17	17	17	665
18	13	18	18	18	18	18	18	18	18	18	18	18	648
5552	5564	5535	5537	5529	5513	5498	5488	5468	5333	5280	5226	5187	169501
274	294	286	278	274	266	270	294	422	594	608	567	522	10838
5826	5858	5841	5815	5803	5779	5768	5732	5890	5927	5888	5793	5709	180339

DISCHARGE IN SECOND FEET C
BY DAYS DURING THE IRRIGATION SEASON

SEPTEMBER

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
NEW YORK CANAL	2640	2690	2690	2690	2690	2690	2690	2690	2690	2690	2690	2690	2690	2690	2
PENITENTIARY	4	4	4	4	3	3	4	4	4	4	4	4	5	5	
BURB (SOUTH BOISE)	12	11	10	9	8	8	8	9	10	11	12	12	12	12	
RIDENBAUGH	487	484	478	470	483	479	475	476	478	460	452	444	447	450	
SETTLERS	171	173	156	156	154	108	109	107	106	106	104	103	100	99	
THURMAN MILL	31	30	29	28	27	26	25	24	23	22	20	20	19	19	
GRUEN (CONSUMERS)	20	21	23	23	23	22	22	21	21	20	20	20	19	19	
BOISE CITY	26	26	26	26	27	27	27	27	26	26	26	26	26	26	
FARMERS UNION & B. V.	207	207	207	207	209	209	204	203	202	202	201	201	200	194	
NEW UNION	16	15	15	15	15	15	15	15	15	14	14	14	14	14	
NEW TRY CREEK	62	59	58	59	59	59	59	57	55	52	52	52	52	50	
BALLANTINE	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
WILKINSON CANALS	119	115	111	108	104	104	106	106	108	110	110	107	105	103	
LITTLE PIONEER	31	31	29	29	27	27	26	26	26	26	26	26	26	26	
CANYON COUNTY	61	61	61	61	65	65	65	65	65	65	65	61	61	61	
EARL ISLAND CANALS	33	33	33	33	33	33	33	33	33	33	33	33	33	33	
PRYCE IS	273	271	276	268	262	269	269	267	268	272	232	231	216	217	2
ELREKA #1	25	25	25	23	22	25	24	24	25	25	23	24	22	21	
DALE ELI. HIGH LINE	33	33	33	35	44	44	40	32	32	32	32	32	31	31	
SURFE (FARMERS OWNED)	295	291	291	299	301	301	293	291	281	284	264	277	274	265	26
CAMPBELL	13	13	13	13	13	13	0	19	19	19	19	17	14	14	
SIGENSTROG	12	12	12	12	14	14	14	14	9	9	9	9	8	8	
RIVERSIDE #2	174	169	169	199	174	158	158	158	158	158	158	155	155	153	15
PIONEER DIXIE	61	63	66	66	61	53	53	53	53	53	53	48	48	48	4
ELREKA #2	100	102	102	102	102	102	97	97	91	91	91	88	88	80	
UPPER CENTER POINT	14	14	14	14	14	14	14	14	14	14	14	13	13	13	
LOWER CENTER POINT	17	17	17	17	17	17	17	17	17	17	17	13	13	13	
MISCELLANEOUS	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
TOTAL CANAL DIVERSIONS	5159	5006	4981	4962	4935	4917	4885	4881	4867	4847	4793	4752	4723	4714	469
RIVER AT NOTES	467	411	395	365	355	385	428	438	455	455	450	455	467	491	49
TOTALS	5636	5417	5376	5333	5340	5302	5313	5319	5322	5302	5243	5207	5190	5205	5190

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1956, INCLUDING STORAGE

SEPTEMBER

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
2690	2690	2690	2690	2690	2690	2690	2690	2690	2634	2574	2520	2451	2451	2415	2415	2342	2342	2342
4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
10	11	12	12	12	12	12	12	11	11	11	11	10	10	10	9	9	9	9
478	460	452	444	447	450	435	424	416	416	416	421	406	389	383	377	349	372	379
105	106	104	103	100	99	98	99	96	86	87	87	87	87	87	89	89	90	90
23	22	20	20	19	19	18	13	17	17	17	17	17	17	17	17	17	17	17
21	20	20	20	19	19	19	13	18	13	13	13	13	13	13	13	13	13	13
26	26	26	26	26	26	25	25	29	29	29	29	26	26	26	26	25	25	25
202	202	201	201	200	194	193	192	191	191	191	132	137	134	134	134	134	134	134
15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
55	52	52	52	52	50	51	50	52	53	50	49	49	49	49	49	54	49	49
14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13
108	110	110	107	105	103	100	97	95	95	95	93	93	91	91	89	89	89	89
26	26	26	26	26	26	29	29	31	31	31	27	25	23	21	21	21	21	21
65	65	65	61	61	61	61	61	61	61	59	59	54	54	54	54	54	44	44
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
268	272	232	231	215	217	210	198	201	201	201	198	162	132	133	159	153	118	156
25	25	23	24	22	21	16	16	17	17	17	14	14	14	13	13	13	13	12
32	32	32	32	31	31	34	34	34	34	32	32	32	32	32	22	22	22	22
281	284	284	277	274	255	264	274	265	260	265	260	265	257	257	257	272	262	248
19	19	19	17	14	14	14	14	15	15	15	18	13	15	14	14	14	12	12
9	9	9	9	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8
158	158	158	155	155	153	153	175	199	199	199	199	197	184	172	172	170	158	158
53	53	53	48	48	48	48	48	48	48	48	48	48	51	51	51	53	53	53
97	91	91	88	88	88	88	84	84	84	84	84	71	71	71	64	64	64	64
14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
17	17	17	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
18	13	13	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
4867	4847	4793	4752	4723	4714	4691	4676	4688	4620	4561	4483	4317	4293	4237	4137	4109	4079	4080
455	455	450	455	467	471	471	471	473	438	455	450	438	467	515	541	528	509	485
5322	5302	5243	5207	5190	5205	5132	5167	5161	5058	5016	4933	4755	4760	4752	4728	4637	4588	4565

CHART NO. 5-E

AGE

19	20	21	22	23	24	25	26	27	28	29	30	31	
2474	2520	2451	2451	2415	2415	2342	2342	2342	2342	2342	2342		77396
5	5	5	5	5	5	5	5	6	6	4	4		136
11	11	10	10	10	9	9	9	9	9	9	9		305
416	421	406	389	383	377	349	372	379	376	372	355		12650
87	87	87	87	89	89	89	90	90	90	90	61		3189
17	17	17	17	17	17	17	17	17	17	17	17		617
13	13	13	13	13	13	13	13	13	13	13	13		583
29	29	26	26	26	26	25	25	25	25	25	25		788
121	132	157	154	154	154	154	154	154	152	139	139		5514
14	14	14	14	14	14	14	14	14	14	14	14		432
50	49	49	49	49	49	54	49	49	42	54	53		1537
13	13	13	13	13	13	13	13	13	13	13	13		406
95	93	93	91	91	89	89	89	89	89	89	89		2969
31	27	25	23	21	21	21	21	21	21	21	21		776
59	59	54	54	54	54	54	44	44	44	44	44		1734
33	33	33	33	33	33	33	33	33	33	33	33		990
201	198	162	132	133	159	163	148	156	157	142	132		6394
17	14	14	14	13	13	13	13	12	11	11	11		555
32	32	32	32	32	27	22	22	22	20	20	32		940
265	260	265	257	257	257	272	262	248	238	207	202		8087
16	18	13	16	14	14	14	12	12	12	12	12		429
8	8	8	8	8	8	8	8	8	8	8	8		284
199	199	197	184	172	172	170	158	158	150	150	150		5061
48	48	48	51	51	51	53	53	53	53	53	53		1599
61	64	71	71	71	64	64	64	64	64	64	64		2521
13	13	13	13	13	13	13	13	13	13	13	13		401
13	13	13	13	13	13	13	13	13	13	13	13		434
18	19	18	13	18	18	18	18	18	18	18	13		540
1561	4483	4317	4293	4237	4137	4109	4079	4080	4048	3995	3965		137517
455	450	438	467	515	541	528	509	495	467	509	528		13802
5016	4933	4755	4760	4752	4728	4637	4588	4565	4515	4504	4493		151319

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1956

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
BOARD OF CONTROL (MC #2)	138698	166240	167561	176162	175110	154792	979666
PENITENTIARY	182	468	516	468	426	272	2332
BUBB (SOUTH BOISE)	302	868	952	1184	786	610	4702
RIDENBAUGH	19512	31872	31562	35602	34032	25700	178580
SETTLERS	4838	10814	10548	11350	11044	6378	54772
THURMAN MILL	688	1974	1428	2094	1914	1234	9352
CONSUMERS	620	1334	1344	1420	1408	1166	7352
BOISE CITY	642	1756	1916	1974	2000	1576	9864
FARMERS UNION	7094	11900	12472	13346	11312	9168	65382
BOISE VALLEY	1812	2722	3076	3038	2508	1860	15016
NEE UNION	416	922	966	1010	1096	864	5304
TRY CREEK	1654	3540	3890	3756	3638	3174	19662
BALLANTINE	450	1268	1376	1142	1026	812	6074
MIDDLETON CANALS	4442	10746	11380	10450	7782	5978	51380
LITTLE PIONEER	1154	2024	2280	2948	2606	1552	12564
CANYON COUNTY	2930	4712	4056	5154	4678	3468	25898
EAGLE ISLAND CANALS	2296	3410	3300	3110	2406	1980	16802
PHYLLIS	15240	21754	19896	25058	22618	12768	117634
EUREKA # 1	1240	1766	1758	2138	2012	1110	10024
CALDWELL HIGH LINE	3274	4042	4064	3996	3252	1880	20508
FARMERS CO-OP	14740	17902	19172	22496	20936	16174	111420
CAMPBELL	716	1102	1200	1286	1072	858	6234
SEIBENBERG	356	606	478	1006	760	568	3774
RIVERSIDE	7402	11286	13052	13512	10910	10122	66264
PIONEER DIXIE	2934	5250	4360	4452	4028	3178	23852
EUREKA #2	4184	5768	4556	5304	4834	5042	29688
UPPER CENTER POINT	734	1194	842	1228	982	802	5782
LOWER CENTER POINT	868	1278	1016	1446	1330	868	6806
MISCELLANEOUS	1218	1728	1740	1728	1296	1080	8930
TOTALS	240326	330268	332360	356828	330002	275034	1875838

	1940	1941	1942	1943	1944	1945	1946	1947
BOARD OF CONTROL	567126	600416	660248	767530	616514	681738	721472	772628
PENITENTIARY	1746	1582	1570	2062	1764	1656	2212	2806
BUBB	3918	4740	4154	4874	4338	5316	5172	5204
RIDENBAUGH	148658	160804	144804	161430	126146	129942	154442	157198
SETTLERS	40520	46556	43064	50032	40062	42006	47080	49380
THURMAN MILL	9632	9410	11612	9098	9670	11770	9086	10456
CONSUMERS WATER CO.	6826	5658	6630	6884	5888	7078	6726	6566
BOISE CITY	9114	10086	9296	9966	8940	8468	9352	9396
FARMERS UNION	26168	35618	35736	38180	29700	32990	38252	38616
CAPITAL VIEW IRR. DIST.	3468	3560	2282	2174	2022	2120	2180	2076
BOISE VALLEY	16274	17494	16676	15802	13598	14976	17686	16866
NEW UNION	3904	4582	3524	3896	3836	4016	3984	4376
NEW DRY CREEK	14502	17978	17752	18080	17572	20094	19218	18772
BALLANTINE	3562	3290	3316	3962	3610	3706	4076	5036
MIDDLETON WATER CO.	33620	34504	30278	38602	39530	29456	28628	27582
MIDDLETON MILL DITCH	15640	14564	13858	16760	11124	14728	19084	18338
LITTLE PIONEER	7044	7920	7108	7994	7250	9202	10692	10586
CANYON WATER CO.	17878	20308	18486	19968	18708	19900	20354	21648
7 EAGLE ISLAND CANALS	10256	12326	12720	11394	12450	12060	13772	13746
PHYLLIS CANAL	92608	104914	93564	117060	85268	84672	107768	107428
EUREKA WATER COMPANY	7576	9340	8402	8348	7962	8034	8332	9502
CALDWELL HIGH LINE	20974	20100	17952	17618	20424	20730	18832	16348
FARMERS CO-OP.	69200	78736	80164	98038	70786	77664	93136	85200
CAMPBELL (CANYON)	3824	4272	5040	5510	4422	5164	5944	5446
SIEBENBERG	2862	2774	2102	2298	2488	2350	2658	2844
RIVERSIDE	47128	60012	52152	54118	41684	48758	43604	50196
PIONEER DIXIE	12184	11994	13566	12706	15336	15078	13472	16430
EUREKA NO. 2	15416	14750	12696	16294	11830	14818	19674	23718
UPPER CENTER POINT	3538	3764	3588	3782	4126	4090	4438	4392
LOWER CENTER POINT	4596	4890	4196	3344	4912	3784	3788	4410
MISCELLANEOUS	6856	8324	8284	7800	7036	7926	7822	7760
TOTAL SUMMER DIVERSIONS APRIL 1 TO SEPTEMBER 30	1226618	1335226	1344640	1535654	1248996	1344290	1462936	1525002
NEW YORK CANAL DIVERSIONS OCTOBER 1 TO MARCH 31	172234	175014	151154	152266	145568	151102	153260	166220
IRRIGATION REQUIREMENTS BELOW DIVERSION DAM DURING OCTOBER	19562	22856	28638	25370	25074	14258	18364	22846
AMOUNT PASSING DIVERSION DAM FROM NOVEMBER 1 TO APRIL 1	35898	29972	39348	437346	32026	29302	69026	115740
TOTAL	1454312	1563068	1563780	2150636	1451664	1539552	1703586	1829808
SUMMER RETURN FLOW	263936	334394	281650	275886	248672	264190	291322	339546
TOTAL AMOUNT AVAILABLE	1718248	1897462	1845430	2426522	1700336	1803742	1994908	2169354

	1940	1941	1942	1943	1944	1945	1946	1947
BOARD OF CONTROL	567126	600416	660248	767530	616514	681738	721472	772628
PENITENTIARY	1746	1582	1570	2062	1764	1656	2212	2806
BUBB	3918	4740	4154	4874	4338	5316	5172	5204
RIDENBAUGH	148658	160804	144804	161430	126146	129942	154142	157128
SETTLERS	40520	46556	43064	50082	40062	42006	47080	49380
THURMAN MILL	9632	9410	11612	9098	9670	11770	9086	10456
CONSUMERS WATER CO.	6826	5658	6630	6884	5888	7078	6726	6566
BOISE CITY	9114	10086	9296	9966	8940	8468	9352	9398
FARMERS UNION	26168	35618	35736	38180	29700	32990	38252	38616
CAPITAL VIEW IRR. DIST.	3468	3560	2282	2174	2022	2120	2180	2076
BOISE VALLEY	16274	17494	16676	15802	13598	14976	17686	16866
NEW UNION	3904	4582	3524	3896	3836	4016	3984	4376
NEW DRY CREEK	14502	17978	17752	18080	17572	20094	19218	18772
BALLANTINE	3562	3290	3316	3962	3610	3706	4076	5036
MIDDLETON WATER CO.	33620	34504	30278	38602	39530	29456	28628	27582
MIDDLETON MILL DITCH	15640	14564	13858	16760	11124	14728	19084	18388
LITTLE PIONEER	7044	7920	7108	7994	7250	9202	10692	10586
CANYON WATER CO.	17878	20308	18486	19968	18708	19900	20354	21648
7 EAGLE ISLAND CANALS	10256	12326	12720	11394	12450	12060	13772	13746
PHYLLIS CANAL	92608	104914	93564	117060	85268	84672	107768	107128
EUREKA WATER COMPANY	7576	9340	8402	8348	7962	8034	8332	9502
CALDWELL HIGH LINE	20974	20100	17952	17618	20424	20730	18832	16348
FARMERS CO-OP.	69200	78736	60164	98038	70786	77654	93136	85200
CAMPBELL (CANYON)	3824	4272	5040	5510	4422	5164	5944	5446
SIEBENBERG	2862	2774	2102	2298	2488	2350	2658	2844
RIVERSIDE	47128	60012	52152	54118	41684	48758	43604	50196
PIONEER DIXIE	12184	11994	13566	12706	15336	15078	13472	16430
EUREKA NO. 2	15416	14750	12696	16294	11830	14818	19674	23718
UPPER CENTER POINT	3538	3764	3588	3782	4126	4090	4438	4392
LOWER CENTER POINT	4596	4890	4196	3344	4912	3784	3788	4410
MISCELLANEOUS	6856	8224	8284	7800	7036	7926	7822	7760
TOTAL SUMMER DIVERSIONS APRIL 1 TO SEPTEMBER 30	1226618	1335226	1344640	1535654	1248996	1344290	1462936	1525002
NEW YORK CANAL DIVERSIONS OCTOBER 1 TO MARCH 31	172234	175014	151154	152206	145568	151102	153260	166220
IRRIGATION REQUIREMENTS BELOW DIVERSION DAM DURING OCTOBER	19562	22856	28638	25370	25074	14858	18364	22846
AMOUNT PASSING DIVERSION DAM FROM NOVEMBER 1 TO APRIL 1	35898	29972	39348	437346	32026	29302	69026	115740
TOTAL	1454312	1563068	1563780	2150636	1451664	1539552	1703586	1825808
SUMMER RETURN FLOW	263936	334394	281650	275886	248672	264190	291322	339546
TOTAL AMOUNT AVAILABLE	1718248	1897462	1845430	2426522	1700336	1803742	1994908	2165354

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1940

1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	
616514	681738	721472	772628	725750	806420	820502	856926	863356	839026	945306	791
1764	1656	2212	2806	2470	3350	2642	2766	2732	2356	2778	2
4338	5316	5172	5204	4090	4286	4310	4586	3890	4368	5494	4
126146	129942	154442	157198	131982	155814	166250	173836	171742	176828	192808	166
40062	42006	47080	49380	43716	52792	52044	53446	52510	49936	55290	48
9670	11770	9086	10456	9642	8714	10402	10500	9644	8880	8788	8
5888	7078	6726	6566	5632	6978	6828	5562	6756	6260	7876	6
8940	8468	9352	9398	7914	9034	9512	10412	9328	9254	10114	9
29700	32990	38252	38616	30678	43591	51276	58274	46696	47750	52309	48
2022	2120	2180	2076	2040	2286	2556	2554	2470	2198	2198	1
13598	14976	17686	16866	15208	18915	18420	13068	19404	22920	23821	19
3836	4016	3984	4376	3734	3932	4218	5224	4180	4534	5938	4
17572	20094	19218	18772	15442	19736	19120	19954	16782	19298	20136	16
3610	3706	4076	5026	4478	4802	5346	5328	5242	5858	6638	5
39530	29456	28628	27582	25136	30432	29886	32773	31067	32089	33263	23
11124	14728	19064	18388	16758	20622	19924	21849	20711	21393	22175	18
7250	9202	10692	10586	8228	9028	11322	10944	11666	11062	12276	10
18708	19900	20354	21640	18170	19068	23262	23282	24374	23948	25984	21
12450	12060	13772	13746	13056	14674	15244	15400	16744	16256	16006	13
85268	84672	107768	107128	98968	112320	116662	113870	114114	103862	118430	100
7962	8034	8332	9502	7994	8982	9654	10300	9682	9864	10938	9
20424	20730	18832	16340	13130	14210	14068	14906	13330	15824	19310	15
70786	77664	93136	85200	79448	82910	93470	102484	107814	105996	119806	100
4422	5164	5944	5446	4440	5032	5596	6406	6168	6102	6400	6
2488	2350	2658	2844	3158	2890	2926	3120	3272	3528	3930	7
41684	48758	43604	50496	69160	54346	68812	69594	68458	63526	69950	6
15336	15078	13472	16430	12978	18544	18388	21046	21098	18876	24476	2
11830	14818	19674	23718	20724	22568	25752	25668	24708	27754	29656	2
4126	4090	4438	4392	4758	5438	5824	5994	5970	7088	6930	7
4912	3784	3788	4410	5832	5216	5736	5920	5790	6208	6534	7
7036	7926	7822	7760	7338	8256	8344	8432	8592	8676	8656	7

1248996	1344290	1462936	1525002	1412102	1578478	1644296	1716424	1708290	1681518	1874314	1,60
145568	151102	153260	166220	149012	123492	137978	133610	104267	154382	147710	10
25074	14658	18964	22846	31464	17398	6728	33224	15098	19962	21910	2
32026	29302	69026	115740	28056	204000	40612	168678	651928	151184	170776	
1451664	1539552	1703586	1829808	1620634	1923366	1829614	2049936	2479584	2007046	2214710	1,73
248672	264190	291322	339546	256714	330110	400206	471172	494974	480208	508274	39
1700336	1803742	1994908	2169354	1877348	2253478	2229820	2521106	2974558	2487254	2722984	2,13

ING 1940

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	1948	1949	1950	1951	1952	1953	1954	1955	1956
28	725750	806420	820502	856926	863356	839026	945306	791210	979666
06	2470	3350	2642	2766	2732	2356	2778	2486	2332
04	4090	4286	4310	4566	3890	4368	5494	4182	4702
08	131982	155814	166250	173836	171742	176828	192808	166126	178580
80	43716	52782	52044	53446	52510	49936	55290	48292	54972
56	9642	8714	10402	10500	9644	8880	8768	8688	9352
66	5632	6978	6828	5562	6756	6260	7876	6664	7352
98	7914	9034	9512	10412	9328	9254	10114	9022	9864
16	30678	43591	51276	58274	46696	47750	52309	48161	63250
76	2040	2286	2556	2554	2470	2198	2196	1876	2132
66	15208	18915	18420	13068	19404	22920	23821	19189	15016
70	3784	3932	4218	5224	4180	4534	5938	4252	5304
72	15442	19736	19120	19954	16782	19298	20136	18204	19662
36	4478	4802	5346	5328	5242	5858	6636	5404	6074
82	25136	30532	29886	32773	31067	32089	33263	23701	29800
08	16758	20622	19524	21849	20711	21393	22175	18623	21580
66	8228	9028	11322	10944	11666	11062	12276	10706	12564
40	18170	19068	23262	23282	24374	23948	25984	21860	25898
46	13056	14674	15244	15400	16744	16256	16006	13672	15802
28	98968	112320	116662	113870	114114	103862	118430	108846	117634
02	7494	8582	9654	10300	9682	9864	10938	9910	10024
48	13130	14210	14068	14906	13330	15824	19310	15394	20508
200	79446	82910	93470	102484	107814	109996	119806	106758	111120
46	4440	5032	5596	6406	6168	6102	6400	6102	6234
44	3158	2890	2926	3120	3272	3528	3930	3294	3774
196	69160	54346	68812	67594	68458	63526	69950	67174	66284
130	12978	18544	18388	21046	21028	18876	24476	23952	23852
718	20724	22568	25752	25668	24708	27754	29656	25960	29688
392	4758	5438	5824	5994	5970	7088	6930	5144	5782
110	5832	5216	5736	5920	5790	6208	6534	5964	6806
760	7338	6258	8344	8432	8592	8676	8556	7164	8930

002	1412102	1578478	1644296	1714424	1708290	1681518	1874314	1,638802	1875838
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220	149012	123452	137978	133610	104267	154382	147710	103968	138668
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846	31464	17398	6728	33224	15098	19962	21910	22198	20160
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740	28056	204000	40612	168678	651928	151184	170776	622	598736
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808	1620694	1923368	1829614	2049936	2479584	2007046	2214710	1,735590	2633702
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546	256714	330110	400206	471172	494974	480208	508274	396138	469220
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354	1877348	2253478	2229820	2521108	2974558	2487254	2722984	2,131728	3102022
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JUNE

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	DRAINAGE DISTRICT #3	25	25	25	25	25	24	24	24	24	24	23	23	23	23	23
2.	DAVIS DRAIN	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
4.	BOISE CREEK	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13
5.	EAGLE DRAIN	51	51	53	53	55	55	53	53	52	52	52	52	52	52	52
6.	SOUTH MIDDLETON DRAIN	198	198	182	174	169	164	160	154	151	147	143	140	136	132	129
7.	NORTH MIDDLETON DRAIN	54	54	54	54	54	54	54	50	46	40	40	36	32	28	24
8.	HARTLEY DRAIN	50	52	54	56	56	62	62	60	56	56	54	52	50	50	50
9.	PHYLLIS WATTE	12	12	13	14	15	15	15	15	15	15	14	14	14	14	14
10.	MASON CREEK	9	9	9	9	9	10	10	10	10	11	11	11	11	12	12
11.	BILLON CREEK	47	45	42	35	35	28	26	32	32	35	35	37	37	35	33
12.	MASON DRAIN	141	145	149	153	157	164	161	156	151	145	141	137	133	129	125
13.	INTEAN CREEK	320	323	327	330	319	311	308	296	290	282	271	268	264	265	269
14.	HARTLEY CULCH	25	26	27	28	29	30	28	26	25	24	23	22	21	21	21
	TOTALS	971	967	974	970	963	943	937	915	893	872	854	832	820	819	816

JULY

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	DRAINAGE DISTRICT NO. #3	25	25	25	25	25	25	25	25	24	24	24	24	24	24	24	24
2.	DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3.	THURMAN DRAIN	25	26	26	28	28	28	31	26	26	26	26	26	26	26	26	26
4.	BOISE CREEK	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
5.	EAGLE DRAIN	59	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
6.	SOUTH MIDDLETON DRAIN	88	88	88	88	88	88	88	88	86	86	86	86	86	86	86	86
7.	NORTH MIDDLETON DRAIN	51	51	51	51	51	51	51	51	50	50	50	51	51	51	51	51
8.	HARTLEY DRAIN	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
9.	PHYLLIS WATTE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10.	MASON CREEK	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
11.	BILLON CREEK	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14
12.	MASON DRAIN	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122
13.	INTEAN CREEK	262	265	268	271	274	279	274	269	265	260	256	254	252	250	248	246
14.	HARTLEY CULCH	16	16	16	16	16	16	16	16	16	17	17	17	18	18	18	18
	TOTALS	756	763	766	769	772	777	772	765	759	756	752	749	745	743	740	738

JUNE

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	DRAINAGE DISTRICT #3	25	25	25	25	25	24	24	24	24	24	23	23	23	23	23
2.	DAVIS DRAIN	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
4.	BOISE SLUIC	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13
5.	BAILEY DRAIN	51	51	53	53	55	55	53	53	52	52	52	52	52	52	52
6.	SOUTH MIDDLETON DRAIN	198	189	182	171	169	164	160	154	151	147	143	140	136	132	129
7.	NORTH MIDDLETON DRAIN	54	54	54	54	54	54	54	50	46	40	40	36	32	46	46
8.	HARTLEY DRAIN	50	52	54	56	58	62	62	60	58	56	54	52	50	50	50
9.	PHYLLIS WASTE	12	12	13	14	15	15	15	15	15	15	14	11	14	14	14
10.	MASON CREEK	9	9	9	9	9	10	10	10	10	11	11	11	11	12	12
11.	JILLON CREEK	47	45	42	35	35	28	28	32	32	35	35	37	37	35	33
12.	WILSON DRAIN	141	145	149	152	157	161	161	158	151	141	141	137	133	129	125
13.	INDIAN CREEK	320	323	327	330	319	311	303	296	292	282	271	269	261	265	269
14.	HARTLEY CULCH	25	26	27	28	29	30	28	26	25	24	23	22	21	21	21
	TOTALS	971	960	974	970	963	950	932	915	890	872	851	832	820	819	812

JULY

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. DRAINAGE DISTRICT NO. #3	25	25	25	25	25	25	25	25	25	24	24	24	24	24	24	24
2. DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3. THURMAN DRAIN	25	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
4. BOISE SLUIC	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
5. BAILEY DRAIN	59	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
6. SOUTH MIDDLETON DRAIN	83	88	82	88	88	88	88	88	86	86	86	86	86	86	86	86
7. NORTH MIDDLETON DRAIN	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
8. HARTLEY DRAIN	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
9. PHYLLIS WASTE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10. MASON CREEK	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
11. JILLON CREEK	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
12. WILSON DRAIN	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122
13. INDIAN CREEK	262	265	268	271	274	279	274	269	265	260	256	251	252	250	254	256
14. HARTLEY CULCH	16	16	16	16	16	16	16	16	16	17	17	17	18	18	18	18
TOTALS	756	763	766	769	772	777	772	765	759	756	752	746	735	765	770	779

IRRIGATION SEASON OF 1956

[illegible][illegible]

CT 1956

CHART NO. 6

Apr

6	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
3	23	23	24	24	24	24	24	24	22	22	22	22	22	22		705
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		90
2	22	22	20	20	20	20	20	20	18	18	18	22	24	24		670
3	13	13	13	13	13	13	13	13	13	13	13	13	13	13		382
2	52	52	52	52	52	52	52	52	52	53	54	55	56	57		1583
4	120	116	112	108	104	100	96	92	88	88	88	88	88	88		3865
51	51	51	51	51	51	51	51	51	51	52	53	54	55	56		1506
30	50	50	50	50	50	50	50	50	50	50	48	48	48	48		1566
13	12	12	12	12	12	12	12	12	12	11	11	11	11	11		391
12	12	12	10	10	10	8	8	8	8	8	8	8	8	8		291
33	33	31	29	27	25	23	21	19	17	17	17	15	15	15		873
27	126	125	124	123	122	121	120	119	118	117	115	117	117	121		4000
74	279	264	269	264	269	265	260	266	281	277	272	268	263	259		8646
21	21	21	21	21	21	21	21	21	21	21	21	19	17	17		681
18	818	816	811	809	806	793	781	770	754	750	743	748	740	742		25251

May

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
4	24	24	24	24	24	24	26	26	26	26	26	26	26	27	770
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
25	25	25	25	25	25	25	25	25	25	21	21	21	21	21	783
13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	412
61	61	61	61	61	61	61	60	60	60	60	58	58	58	58	1873
86	86	86	86	86	86	86	80	81	84	84	85	86	86	86	2664
63	64	61	65	65	66	67	67	67	67	67	67	67	67	67	1941
51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	1581
13	13	13	14	14	14	15	16	16	16	15	15	15	14	14	383
8	8	8	7	7	7	7	7	6	6	6	3	8	10	10	241
16	16	16	16	18	18	18	18	18	20	21	22	23	23	23	517
146	150	154	158	162	166	170	174	177	180	180	180	180	180	180	4549
258	260	262	264	265	266	267	268	270	272	268	266	264	262	262	8183
19	19	19	20	20	20	21	21	21	20	20	19	19	19	19	562
786	793	791	807	814	820	823	830	838	844	836	836	835	833	834	24552

TRIBUTARY AND RETURN FLOW

IRRIGATION SEASON DATA

APRIL															
NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	DRAINAGE DISTRICT #3	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2.	DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3.	THURMAN DRAIN	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4.	BOISE SEWER	9	9	9	9	9	9	9	9	9	9	9	9	9	9
5.	EAGLE DRAIN	14	14	14	14	14	14	15	15	15	15	15	15	15	18
6.	SOUTH MIDDLETON DRAIN	36	36	38	38	40	40	42	42	44	44	45	47	47	47
7.	NORTH MIDDLETON DRAIN	21	21	21	21	21	21	21	21	21	21	21	21	25	25
8.	HARTLEY DRAIN	6	6	12	15	15	15	15	15	15	15	15	15	15	15
9.	PHYLLIS WASTE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10.	MASON CREEK	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11.	WILLOW CREEK	8	8	8	8	8	8	8	8	8	8	8	8	8	8
12.	MASON DRAIN	37	37	37	37	37	37	37	37	37	37	41	44	47	51
13.	INDIAN CREEK	142	142	142	142	142	145	145	145	147	147	151	153	153	157
14.	HARTLEY GULCH	2	2	2	2	2	2	2	2	2	2	2	2	5	7
TOTALS		308	310	315	319	321	324	327	328	332	332	341	349	358	370

MAY														
1. DRAINAGE DISTRICT #3	17	18	19	19	19	20	20	20	22	22	22	22	24	24
2. DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3. THURMAN DRAIN	12	12	15	15	15	17	17	17	17	17	17	19	19	19
4. BOISE SEWER	11	11	11	11	11	11	11	11	11	11	11	11	11	12
5. EAGLE DRAIN	29	29	31	31	33	33	35	35	37	37	39	39	41	41
6. SOUTH MIDDLETON DRAIN	55	56	57	58	59	60	61	62	63	65	67	69	71	73
7. NORTH MIDDLETON DRAIN	32	33	34	35	36	37	38	38	38	38	40	40	42	42
8. HARTLEY DRAIN	40	40	40	40	40	40	40	40	40	40	40	42	42	44
9. PHYLLIS WASTE	8	8	8	8	8	8	8	10	12	12	12	12	12	12
10. MASON CREEK	8	8	8	8	8	8	8	8	8	8	8	8	7	7
11. WILLOW CREEK	43	43	43	43	43	43	43	43	43	43	43	43	43	43
12. MASON DRAIN	121	121	121	121	121	121	121	121	121	121	121	121	121	121
13. INDIAN CREEK	218	209	203	203	203	217	229	245	284	311	325	328	331	334
14. HARTLEY GULCH	15	15	15	15	15	15	15	15	15	15	15	15	15	15
TOTALS	611	605	607	609	613	632	648	667	713	742	752	771	781	798

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1956

CHART NO.

APRIL

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
10	10	10	10	12	12	12	12	12	13	14	14	14	14	14	15	15	16
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10
16	16	16	18	18	18	19	19	21	21	21	22	22	23	23	25	25	27
45	47	47	47	47	48	48	48	48	49	49	49	50	50	50	52	52	54
21	21	25	25	25	25	25	25	25	25	25	25	25	27	28	29	31	31
15	15	15	15	19	21	28	31	34	34	34	34	34	34	34	34	34	34
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3	3	3	3	3	3	5	5	7	7	7	7	7	7	7	9	12	10
8	8	8	8	8	8	8	8	8	8	11	11	14	14	17	21	25	3
41	44	47	51	55	59	63	67	71	75	79	84	89	94	97	102	106	11
151	153	153	157	157	160	163	163	166	169	172	177	182	195	207	213	218	22
2	2	5	7	9	11	13	15	16	16	16	16	16	16	16	16	16	16
341	349	358	370	382	391	410	422	437	446	457	468	482	503	523	546	564	584

MAY

22	22	24	24	24	24	24	24	24	24	26	26	26	26	26	26	26	26
2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
17	19	19	19	19	21	21	21	21	21	21	23	23	23	23	24	24	24
11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
39	39	41	41	43	43	43	43	45	45	45	45	47	47	47	49	49	49
67	69	71	73	75	78	81	84	88	93	98	103	113	123	156	175	193	215
40	40	42	42	44	44	46	46	48	48	50	50	52	52	52	54	54	54
40	42	42	44	44	46	48	50	50	50	50	50	50	50	50	50	50	50
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
8	8	7	7	7	7	7	7	7	7	7	7	7	7	9	9	9	9
43	43	43	43	43	43	43	43	43	43	43	45	47	47	47	47	47	47
121	121	121	121	121	123	125	127	129	131	133	135	137	139	141	145	151	145
325	328	331	334	337	340	343	346	349	352	355	358	364	366	372	376	380	372
15	15	15	15	15	15	15	15	15	15	17	19	21	21	25	25	25	25
762	771	781	789	798	811	823	830	843	854	873	890	914	942	975	1007	1040	1043

CHART NO. 8-A

20	21	22	23	24	25	26	27	28	29	30	31	
13	14	14	14	14	14	15	15	15	15	15		358
2	2	2	2	2	2	2	2	2	2	2		60
12	12	12	12	12	12	12	12	12	12	12		360
9	9	9	9	9	10	10	10	10	10	10		276
21	21	22	22	23	23	25	25	27	27	27		571
49	49	49	50	50	50	52	52	52	52	52		1332
25	25	25	25	27	28	29	31	31	31	31		735
34	34	34	34	34	34	34	34	34	36	38		704
6	6	6	6	6	6	6	6	6	6	6		160
7	7	7	7	7	7	9	12	10	8	8		154
8	11	11	14	14	17	21	25	33	37	45		368
75	79	84	89	94	97	102	106	111	115	121		1941
169	172	177	182	195	207	213	218	225	225	218		5060
16	16	16	16	16	16	16	16	16	16	16		276
446	457	468	482	503	523	545	564	584	592	601		12445

24	26	26	26	26	26	26	26	26	26	26	26	718
3	3	3	3	3	3	3	3	3	3	3	3	78
21	21	23	23	23	23	24	24	24	24	24	24	509
12	12	12	12	12	12	12	12	12	12	12	12	359
45	45	45	47	47	47	49	49	49	49	49	49	1277
93	98	103	113	125	156	175	193	215	215	211	211	3203
46	50	50	52	52	52	54	54	54	54	54	54	1379
50	50	50	50	50	50	50	50	50	50	50	50	1406
12	12	12	12	12	12	12	12	12	12	12	12	342
7	7	7	7	7	9	9	9	9	9	9	9	243
41	43	45	47	47	47	47	47	47	47	47	47	1363
131	133	135	137	139	141	145	151	145	143	141	141	4001
352	356	359	364	369	372	376	380	372	351	343	331	9660
15	17	19	21	21	25	25	25	25	25	25	25	555
854	873	890	914	942	975	1007	1040	1043	1020	1006	994	25213

TRIBUTARY AND RETURN FLOW TO BOISE
IRRIGATION SEASON OF 1956

		AUGUST														
NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	DRAINAGE DISTRICT #3	27	27	27	27	27	27	27	26	25	25	25	25	25	25	25
2.	DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3.	THURMAN DRAIN	22	22	22	24	24	24	24	24	28	28	28	28	28	32	32
4.	BOISE SEWER	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15
5.	EAGLE DRAIN	56	56	56	56	56	54	54	54	56	56	56	56	56	56	60
6.	SOUTH MIDDLETON DRAIN	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
7.	NORTH MIDDLETON DRAIN	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
8.	HARTLEY DRAIN	50	50	50	50	50	50	51	52	53	54	55	56	57	56	59
9.	PHYLLIS WASTE	14	14	13	13	12	12	12	12	12	12	12	12	12	12	12
10.	MASON CREEK	12	12	12	12	12	12	13	13	13	13	13	14	14	14	14
11.	WILLOW CREEK	23	23	23	23	23	23	23	21	21	21	21	21	21	21	21
12.	MASON DRAIN	180	180	179	179	179	179	179	179	170	178	178	178	178	178	177
13.	INDIAN CREEK	262	262	258	258	258	260	260	263	267	271	274	278	282	286	290
14.	HARTLEY GULCH	17	17	17	17	17	16	16	16	16	16	17	17	17	18	18
TOTALS		830	828	824	826	825	824	826	827	836	841	846	854	859	870	876

SEPTEMBER

1.	DRAINAGE DISTRICT NO. 3	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
2.	DAVIS DRAIN	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
4.	BOISE SEWER	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14
5.	EAGLE DRAIN	58	58	56	56	55	55	55	55	55	53	53	53	53	53	53
6.	SOUTH MIDDLETON DRAIN	85	85	85	85	85	86	86	86	86	87	87	89	89	91	93
7.	NORTH MIDDLETON DRAIN	53	53	53	53	53	53	53	53	52	53	51	49	49	47	47
8.	HARTLEY DRAIN	65	65	65	65	65	63	63	61	61	58	53	49	45	45	52
9.	PHYLLIS WASTE	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
10.	MASON CREEK	9	12	15	15	15	15	11	11	11	11	11	9	9	9	9
11.	WILLOW CREEK	19	21	23	25	27	27	27	27	29	31	33	35	35	35	45
12.	MASON DRAIN	216	214	212	210	208	206	204	202	200	198	196	194	192	190	188
13.	INDIAN CREEK	353	353	349	345	341	337	333	329	325	321	311	305	298	298	298
14.	HARTLEY GULCH	24	24	25	25	26	26	27	26	29	30	31	32	34	34	34
TOTALS		956	959	957	953	949	941	932	925	922	915	899	890	879	877	894

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1955

AUGUST

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
25	25	25	25	25	25	25	25	25	25	25	24	24	24	24	24	24	24
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	28	28	28	32	32	32	32	36	36	36	36	32	32	28	28	24	24
14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15
56	56	56	56	58	60	60	60	62	62	64	64	64	64	64	58	58	58
86	86	86	86	86	86	84	82	90	78	74	74	74	76	76	76	80	80
64	64	64	64	64	64	62	60	57	54	50	50	50	51	51	51	51	52
54	55	56	57	58	59	60	61	62	63	65	65	65	65	65	65	65	65
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	10
13	13	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12	12
21	21	21	21	21	21	21	17	17	14	14	14	14	17	17	17	17	17
178	178	178	178	178	177	181	185	189	187	191	194	198	201	205	208	212	215
271	274	278	282	285	290	290	290	290	290	290	290	291	291	294	307	315	323
16	17	17	17	18	18	19	19	20	21	22	22	22	22	22	23	23	23
841	846	854	859	870	876	878	875	892	872	873	875	876	885	895	901	909	921

SEPTEMBER

24	24	24	24	24	24	23	23	23	23	23	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
24	24	24	24	24	24	24	24	22	22	22	22	22	22	22	22	22	22
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
53	53	53	53	53	53	53	53	53	53	51	51	49	49	49	49	47	47
87	87	89	89	91	93	95	97	99	101	105	105	105	111	111	111	111	111
53	51	49	49	47	47	45	45	43	41	39	39	39	39	39	39	39	39
58	53	49	45	45	52	52	52	52	52	52	52	52	52	52	52	52	52
8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
31	33	35	35	35	45	45	47	47	47	47	47	47	47	47	47	47	47
198	196	194	192	190	188	186	184	182	180	178	175	174	172	170	168	166	164
321	311	305	298	298	298	298	299	299	299	299	303	303	311	311	311	311	311
30	31	32	34	34	34	31	31	31	29	27	25	21	19	19	19	19	19
915	899	890	879	877	894	868	891	887	883	879	879	871	881	879	877	873	871

CHART NO. 8-8

Aug

10	21	22	23	24	25	26	27	28	29	30	31	
25	24	24	24	24	24	24	24	26	26	26	26	787
3	3	3	3	3	3	3	3	3	3	3	3	93
36	36	32	32	28	28	24	24	22	22	22	22	854
15	15	15	15	15	15	15	15	15	15	15	15	452
54	64	64	64	64	58	58	58	58	58	58	58	1814
74	74	74	76	76	76	80	80	82	82	84	84	2560
50	50	50	51	51	51	51	52	52	52	52	52	1607
55	65	65	65	65	65	65	65	65	65	65	65	1821
12	12	12	12	12	12	10	10	10	8	8	8	360
12	12	12	12	12	12	12	12	12	9	9	9	382
14	14	14	17	17	17	17	17	17	17	17	17	593
91	194	198	201	205	208	212	215	219	222	220	218	5924
90	290	291	291	299	307	315	323	332	341	350	350	8966
22	22	22	22	22	23	23	23	23	23	23	23	602
73	875	876	885	895	901	909	921	936	943	952	950	27015

Sept

23	23	23	23	23	23	23	23	23	23	23	23	705
3	3	3	3	3	3	3	3	3	3	3	3	90
22	22	22	22	22	22	22	22	22	22	22	22	604
14	14	14	14	14	14	14	14	14	14	14	14	425
51	51	49	49	49	49	47	47	47	47	47	47	1566
105	105	105	111	111	111	111	111	111	111	111	111	2900
39	39	39	39	39	39	39	39	39	39	39	39	1376
52	52	52	52	52	52	52	52	52	52	52	52	1655
10	10	10	10	10	10	10	10	10	10	10	10	278
9	9	9	9	9	9	9	9	9	9	9	9	307
47	47	47	47	47	47	47	47	47	47	47	47	1142
176	175	174	172	170	168	166	164	162	160	158	158	5610
299	303	303	311	311	311	311	311	311	311	311	311	9484
27	25	21	19	19	19	19	19	19	19	19	19	776
579	579	571	581	579	577	573	571	569	567	565	565	27008

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)

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

IRRIGATION SEASON 1956

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
BOISE RIVER AT DIVERSION DAM	159676	531484	415886	299512	271340	221834	2199732
DELIVERIES TO CANALS	493826	612808	510540	381462	360678	302638	2668952
TRIBUTARY GAIN	24890	50426	50502	49104	54030	54216	283168
SEEPAGE GAIN	9260	37898	44152	32846	35308	26588	186052
NET GAIN	34150	88324	94654	81950	89338	80804	469220

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	7661	8572	6931	4831	4376	3697
DELIVERIES TO CANALS	8230	9996	8507	6153	5817	5044
TRIBUTARY GAIN	415	813	842	792	871	904
SEEPAGE GAIN	154	611	736	530	570	443
NET GAIN	569	1424	1578	1322	1441	1347

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

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

SECTION 1

1956

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT DIVERSION DAM	299512	271340	221834	792686
X DELIVERIES TO CANALS	312546	295770	238990	847306
TRIBUTARY GAIN	7862	8000	6960	22822
SEEPAGE GAIN	5172	15430	10196	31798
NET GAIN	13034	24430	17156	54620

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	4831	4376	3697
X DELIVERIES TO CANALS	5011	4770	3983
TRIBUTARY GAIN	127	129	113
SEEPAGE GAIN	83	265	170
NET GAIN	210	394	286

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

1956

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT CALDWELL HIGH LINE	4448	1620	1568	7636
X DELIVERIES TO CANALS	73364	66528	65216	205108
TRIBUTARY GAIN	41242	46030	47056	134328
SEEPAGE GAIN	27674	18879	15572	63144
NET GAIN	68916	64708	63648	197472

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 2

	JULY	AUGUST	SEPTEMBER
BOISE RIVER AT CALDWELL HIGH LINE	71	26	26
X DELIVERIES TO CANALS	1193	1073	1087
TRIBUTARY GAIN	565	743	784
SEEPAGE GAIN	447	304	277
NET GAIN	1112	1047	1061

X INCLUDED BOISE RIVER AT NOTUS.

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 12

BOARD OF CONTROL (NEW YORK)

NEW YORK IRRIG. DIST.	17,826	
BOISE-KUNZ IRRIG. DIST.	48,060	
NAMPA & MERIDIAN IRRIG. DIST.	40,265	
WILKER IRRIG. DIST.	56,558	
BIG BEND IRRIG. DIST.	1,724	
TOTAL - BOARD OF CONTROL	165,033	ACRES
RIDENBAUGH	26,747	"
PENITENTIARY	112	"
BUBB (SOUTH BOISE)	1,057	"
NEEVES	90	"
ROSSI MILL	500	"
MANVILLE-LEONARD	139	"
DAVIS AND LITTLE (DAVIS)	634	"
SETTLERS	12,282	"
THURMAN MILL	1,799	"
CRUZEN (CONSUMERS)	2,500	"
BOISE CITY	1,828	"
FARMERS UNION	8,300	"
BOISE VALLEY	2,729	"
CAPITOL VIEW	600	"
NEW UNION	688	"
NEW CRY CREEK	3,359	"
BALLANTINE	763	"
MIDDLETON WATER	5,180	"
MIDDLETON MILL	4,400	"
LITTLE PIONEER	1,286	"
CANYON COUNTY	4,037	"
LEMP DITCH (EAGLE ISLAND)	300	"

WARM SPRINGS SLOUGH	441	ACRES
JOPLIN	94	"
CONWAY & HAMMING	259	"
THOS. AIKEN	236	"
CATLIN & MACE	496	"
HART & DAVIS	453	"
GRAHAM & GILBERT	220	"
SEVEN SLOKERS	58	"
PIONEER IRRIG. DIST.	35,117	"
EUREKA WATER CO.	1,800	"
CALWELL HIGH LINE	3,960	"
FARMERS CO-OP DITCH CO.	15,500	"
CANYON DITCH CO.	802	"
SIEBENBERG	646	"
RIVERSIDE IRRIG. DIST.	10,645	"
PIONEER LIXIE	2,030	"
EUREKA DITCH CO.	2,625	"
UPPER CENTER POINT	641	"
LOWER CENTER POINT	880	"
BOWMAN & SWISHER	424	"
MAMMON	538	"
HAAS	750	"
ISLAND HIGH LINE	945	"
LARSON, BAXTER, LEMP	200	"
BOONE	517	"
ANDREWS	1,068	"
PARMA DITCH CO.	562	"
O'CONNELL	120	"
MACE & MACE	80	"

TOTAL 326,160 "

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

BLACK CANYON IRRIGATION DISTRICT	6,500	ACRES
CALWELL IRRIGATION DISTRICT	850	"
MORILLANT & VAIL (LIXIE DRAIN)	640	"
	7,990	"
GRAND TOTAL	334,150	"

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).

TABLE SHOWING ACRE FEET

FOR EACH

NAME OF CANAL	ACRES IRRIGATED	1939	1940	1941	1942	1943	1944	1945	1946	ACRES IRRIGATED	1947
BOARD OF CONTROL PENITENTIARY	164,761	4.09	4.38	4.71	4.92	5.52	4.63	5.05	4.38	164,332	4.7
BUBB (SOUTH BOISE)	429	4.67	4.07	3.59	3.66	4.81	4.11	3.86	5.16	427	6.5
BIDENBAUGH	745	5.74	5.26	6.36	5.58	6.54	5.82	7.14	6.94	1,057	4.9
SETTLERS	27,000	5.47	5.51	5.96	5.35	5.98	4.67	4.81	5.72	26,747	5.8
	12,300	3.52	3.29	3.79	3.50	4.07	3.26	3.42	3.83	12,300	4.0
THURMAN MILL	1,858	6.21	5.16	5.06	6.25	4.90	5.20	6.33	4.89	1,799	5.81
CONSUMERS	2,500	3.33	2.73	2.26	2.65	2.75	2.36	2.83	2.69	2,500	2.63
BOISE CITY	1,903	5.23	4.79	5.30	4.88	5.24	4.70	4.45	4.91	1,828	5.14
FARMERS UNION	8,900	4.17	3.33	4.40	4.27	4.53	3.56	3.94	4.54	8,900	4.57
BOISE VALLEY	2,729	6.46	5.96	6.41	6.11	5.79	4.98	5.49	6.46	2,729	6.18
NEW UNION	688	5.07	5.67	6.66	5.13	5.66	5.58	5.84	5.79	688	6.36
NEW CRY CREEK	2,720	5.61	5.33	6.61	6.53	6.65	6.46	7.39	7.07	3,059	6.14
BALLANTINE	700	5.28	5.09	4.64	4.74	5.66	5.16	5.29	5.82	763	6.60
MIDDLETON IRRIG. ASSOC.	5,704	5.52	5.89	6.05	5.31	6.77	5.73	5.11	5.02	5,640	4.89
MIDDLETON MILL	4,400	3.42	3.56	3.31	3.15	3.81	4.09	3.35	4.34	4,400	4.18
LITTLE PIONEER	1,286	6.47	5.48	6.16	5.53	6.22	5.64	7.16	8.31	1,286	8.23
CANYON COUNTY	3,790	5.27	4.72	5.36	4.88	5.27	4.94	5.25	5.37	4,007	5.40
EAGLE ISLAND CANALS	2,363	5.25	4.34	5.22	5.38	4.62	5.27	5.10	5.63	2,637	5.21
PHYLLIS	23,500	4.17	3.94	4.46	3.98	4.58	3.63	3.60	4.59	23,500	4.56
ELREKA WATER	1,666	5.05	4.55	5.61	5.04	5.01	4.78	4.82	5.00	1,666	5.70
* CALDWELL HIGH LINE	4,010	5.35	5.23	5.01	4.45	4.39	5.09	5.17	4.70	3,960	4.13
FARMERS CO-OP.	15,500	4.45	4.46	5.06	5.17	6.32	4.57	5.01	6.01	15,897	5.26
CANYON (CAMPBELL)	802	7.94	4.77	5.33	6.29	6.87	5.51	6.44	7.41	802	6.75
SIEBENBERG	646	5.05	4.43	4.29	3.25	3.56	3.85	3.64	4.11	646	4.40
RIVERSIDE	10,645	4.55	4.43	5.64	4.90	5.08	3.92	4.58	4.10	10,645	4.74
PIONEER DIXIE	2,015	6.57	6.05	5.95	6.73	6.31	7.61	7.43	6.69	2,030	8.09
ELREKA #2	2,595	5.88	5.94	5.68	4.97	6.28	4.56	5.71	7.58	2,670	8.89
UPPER CENTER POINT	621	5.59	5.70	6.06	5.78	6.09	6.64	6.59	7.15	641	6.85
LOWER CENTER POINT	845	4.67	5.44	5.79	4.97	3.96	5.81	4.48	4.48	880	5.01
MISCELLANEOUS	1,493	5.60	4.59	5.58	5.55	5.22	4.71	5.31	5.24	1,444	5.37
TOTAL	309,114	4.09	4.47	4.89	4.84	5.46	4.51	4.94	4.73	309,880	4.92

ACREAGE TABLE WAS REVISED IN 1947 & 1956

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

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1939

1942	1943	1944	1945	1946	ACRES IRRIGATED	1947	1948	1949	1950	1951	1952	1953	1954	1955	ACRES IRRIGATED
4.92	5.58	4.63	5.05	4.39	164,332	4.70	4.42	4.90	5.83	5.21	5.25	5.11	5.75	4.81	154,824
3.66	4.81	4.11	3.86	5.16	427	6.57	5.78	7.84	6.19	6.48	6.40	5.52	6.50	5.80	321
5.58	6.54	5.82	7.14	6.94	1,057	4.92	3.87	4.05	4.08	4.34	3.88	4.13	5.20	3.96	1,057
5.35	5.98	4.67	4.81	5.72	26,747	5.85	4.93	5.83	6.22	6.50	6.42	6.61	7.21	6.22	26,747
3.50	4.07	3.26	3.42	3.83	12,300	4.01	3.55	4.29	4.23	4.35	4.27	4.06	4.50	3.93	12,300
6.25	4.00	5.20	6.33	4.89	1,799	5.81	5.36	4.84	5.78	5.84	5.36	4.94	4.88	4.33	1,799
2.65	2.75	2.36	2.83	2.69	2,500	2.63	2.25	2.79	2.73	2.22	2.70	2.50	3.15	2.75	2,500
4.88	5.24	4.70	4.45	4.91	1,828	5.14	3.33	4.95	5.22	5.70	5.10	5.06	5.53	4.91	1,828
4.27	4.53	3.56	3.94	4.54	8,900	4.57	3.68	5.15	6.05	6.10	5.52	5.61	6.12	5.92	8,900
6.11	5.79	4.98	5.49	6.48	2,729	6.18	5.57	6.93	6.75	7.18	7.11	8.40	8.73	7.03	2,729
5.13	5.66	5.58	5.84	5.79	688	6.36	5.50	5.71	6.13	7.59	6.00	6.59	8.63	6.18	688
6.53	6.65	6.46	7.39	7.07	3,059	6.14	5.05	6.45	6.25	6.52	5.49	6.31	6.58	5.95	3,059
4.74	5.66	5.16	5.29	5.82	763	6.60	5.87	6.29	7.01	6.98	6.87	7.68	8.96	7.08	763
5.31	6.77	5.73	5.11	5.02	5,640	4.89	3.81	5.48	5.30	5.81	5.51	5.69	5.90	4.20	5,640
3.15	3.81	4.09	3.35	4.34	4,400	4.18	4.46	4.69	4.53	4.97	4.71	4.86	5.04	4.23	4,400
5.53	6.22	5.64	7.16	8.31	1,286	8.23	6.40	7.64	8.80	8.51	9.06	8.60	9.54	8.33	1,286
4.88	5.27	4.94	5.25	5.37	4,007	5.40	4.53	4.76	5.81	5.61	6.08	5.98	6.48	5.46	4,007
5.38	4.82	5.27	5.10	5.83	2,637	5.21	4.95	5.56	5.78	5.84	6.35	6.16	6.07	5.18	2,637
3.98	4.58	3.83	3.60	4.59	23,500	4.56	4.21	4.78	4.96	4.85	4.86	4.42	5.04	4.53	23,500
5.04	5.01	4.78	4.82	5.00	1,666	5.70	4.80	5.39	5.79	6.18	5.81	5.92	6.56	5.95	1,666
4.45	4.39	5.09	5.17	4.70	3,960	4.13	3.31	3.59	3.95	3.76	3.37	4.00	4.88	3.89	3,960
5.17	6.32	4.57	5.01	6.01	15,897	5.36	5.00	5.22	5.86	6.45	6.78	6.57	7.54	6.72	15,897
6.29	6.87	5.51	6.44	7.41	802	6.79	5.74	6.27	6.98	7.99	7.69	7.61	7.98	7.61	802
3.25	3.56	3.85	3.64	4.11	646	4.40	4.89	4.47	4.53	4.83	5.07	5.46	6.08	5.10	646
4.90	5.08	3.92	4.58	4.10	10,645	4.74	5.50	5.11	6.09	6.54	6.43	5.97	6.57	6.34	10,645
6.73	6.31	7.61	7.43	6.69	2,030	8.09	6.39	9.13	9.06	10.37	10.39	9.30	12.06	11.80	2,030
4.57	6.28	4.56	5.71	7.58	2,670	8.88	7.76	8.45	9.84	9.61	9.25	10.39	11.11	9.72	2,670
5.78	6.09	6.64	6.59	7.15	641	6.85	7.12	8.41	9.09	9.35	9.31	11.06	10.81	8.02	641
4.97	3.96	5.81	4.48	4.48	880	5.01	6.63	5.93	6.52	6.73	6.57	7.05	7.43	6.90	880
5.55	5.22	4.71	5.31	5.24	1,444	5.37	5.08	5.72	5.75	5.84	5.95	6.01	5.93	4.95	1,444
4.84	5.46	4.51	4.94	4.73	309,180	4.92	4.56	5.09	5.75	5.53	5.51	5.43	6.05	5.19	310,447

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

FOR EACH IRRIGATION SEASON FROM 1939

D	1947	1948	1949	1950	1951	1952	1953	1954	1955	ACRES IRRIGATED	1956
	4.70	4.42	4.90	5.83	5.21	5.25	5.11	5.75	4.81	154824	5.94
	6.57	5.78	7.84	6.19	6.48	6.40	5.52	6.50	5.80	321	7.26
	4.92	3.87	4.05	4.08	4.24	3.68	4.13	5.20	3.95	1057	4.45
	5.88	4.93	5.83	6.22	6.50	6.42	6.61	7.21	6.22	26747	6.68
	4.01	3.55	4.29	4.23	4.35	4.27	4.06	4.50	3.93	12282	4.48
	5.81	5.36	4.84	5.78	5.84	5.36	4.94	4.88	4.83	1799	5.20
	2.63	2.25	2.79	2.73	2.22	2.70	2.50	3.15	2.75	2603	2.82
	5.14	3.33	4.95	5.22	5.70	5.10	5.06	5.53	4.94	1828	5.40
	4.57	3.88	5.15	6.05	6.10	5.52	5.61	6.12	5.62	8900	6.54
	6.18	5.57	6.93	6.75	7.18	7.11	8.40	8.73	7.03	2729	8.12
	6.36	5.50	5.71	6.13	7.59	6.00	6.59	8.63	6.18	688	7.71
	6.14	5.05	6.15	6.25	6.52	5.49	6.31	6.58	5.95	3059	6.43
	6.60	5.87	6.20	7.01	6.98	6.87	7.68	8.96	7.06	763	7.96
	4.89	3.81	5.48	5.30	5.81	5.51	5.69	5.90	4.20	5132	5.75
	4.18	4.46	4.69	4.53	4.97	4.71	4.86	5.04	4.23	4400	4.90
	8.23	6.40	7.64	8.60	8.51	9.06	8.60	9.54	8.33	1286	9.77
	5.40	4.53	4.76	5.81	5.81	6.08	5.98	6.48	5.46	4007	6.46
	5.21	4.95	5.56	5.78	5.84	6.35	6.16	6.07	5.18	2637	6.37
	4.56	4.21	4.78	4.96	4.85	4.66	4.42	5.04	4.63	21362	4.82
	5.70	4.80	5.39	5.79	6.18	5.81	5.92	6.56	5.95	1800	5.57
	4.13	3.31	3.59	3.55	3.76	3.37	4.00	4.88	3.89	3960	5.18
	5.36	5.00	5.22	5.86	6.45	6.78	6.57	7.54	6.72	15500	7.19
	6.79	5.54	6.27	6.98	7.99	7.69	7.61	7.98	7.61	802	7.77
	4.40	4.89	4.47	4.53	4.83	5.07	5.46	6.08	5.10	646	5.84
	4.74	5.50	5.11	6.09	6.54	6.43	5.97	6.57	6.34	10615	6.23
	8.09	6.39	9.13	9.06	10.37	10.39	9.30	12.06	11.80	2030	11.75
	8.88	7.76	8.45	9.64	9.61	9.25	10.39	11.11	9.72	2625	11.31
	6.85	7.12	8.48	9.09	9.35	9.31	11.06	10.81	8.02	641	9.02
	5.01	6.63	5.43	6.52	6.73	6.57	7.00	7.43	6.80	869	7.73
	5.37	5.08	5.72	5.75	5.84	5.95	6.01	5.93	4.95	1444	6.13
FE0	4.92	4.56	5.09	5.75	5.53	5.51	5.43	6.05	5.49	310447	6.04

CALDWELL HIGH LINE ARE IRRIGATED WITH WATER DIVERTED FROM MASON DRAIN AND 5 MILE CREEK.

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

10⁶[illegible]

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

1956

SUMMARY TABLE IN SECOND FEET
SHOWING RETURN FLOW TO BOISE RIVER
RETURN FLOW TO ENTIRE RIVER

	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
APRIL	758	533	370	217	161	570	17	479	712	1003	973	891	757	515	560
MAY	1051	491	891	770	872	1098	680	1212	1018	1223	1555	1896	1444	905	1424
JUNE	1000	776	1223	972	1028	1265	701	1168	1326	1456	1456	1141	1814	1177	1579
JULY	648	685	657	914	895	916	924	893	1203	1381	1436	1253	1483	1330	1322
AUG.	637	891	589	675	776	742	894	765	1185	1262	1205	1307	1325	1211	1441
SEPT.	661	945	652	697	843	951	980	832	1112	1296	1495	1367	1507	1349	1347
AVERAGE	766	754	680	711	812	925	699	892	1053	1267	1352	1312	1368	1081	1260

RETURN FLOW TO SECTION ONE

JULY	92		139	250	228	331	214	282	313	460	411	369	301	379	210
AUG.	227	170	196	186	294	316	350	287	378	426	330	373	306	307	394
SEPT.	190	219	200	303	198	317	310	271	331	360	293	342	457	330	286
AVERAGE	166	195	178	213	240	321	291	280	351	415	345	362	411	338	297

RETURN FLOW TO SECTION TWO

JULY	556		518	664	666	591	732	611	860	921	1025	894	1092	951	1112
AUG.	409	567	393	489	529	459	564	478	807	936	875	934	939	901	1047
SEPT.	491	536	452	493	645	657	679	561	781	936	1202	1025	1050	1019	1001
AVERAGE	485	552	454	549	613	569	658	550	816	931	1037	947	1027	958	1073

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

DRAINAGE DISTRICT NO. 2

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

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

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

DRAINAGE DISTRICT NO. 3

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

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

DRAINAGE DISTRICT NO. 4

	INCHES
THORMAN MILL	570.98
RIDENBAUGH	51.34
WARM SPRINGS SLOUGH	127.68

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

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF REC. FILE NO.
				SEC. FT.	INCHES	
66-A	4-1-1878	J. S. KRAUS	BALLANTINE	.80	40	373
129-A	4-1-1897	H. E. PLAIN	ERY CREEK	.54	27	373
66-C	4-1-1878	J. W. KOLANDER	BALLANTINE	1.40	70	373
66-D	4-1-1878	M. T. GRIFFITH	BALLANTINE	.80	40	373
73-A	4-1-1880	GOBLE & SONGER	ERY CREEK	.54	27	373
75-A	6-1-1880	C. B. FRANK	ERY CREEK	.816	40.80	380
136	5-1-1906	H. E. WYMER	BALLANTINE	.356	17.80	325
85-A	6-1-1882	LED MARSTERS	WARM SPRINGS	1.60	80	324
137	5-1-1909	B. P. WEAVERLING	MACE & MACE	1.60	80	294
138	6-14-1912	WESLEY A. MACE	CATLIN & MACE	.40	20	293
85-C	5-1-1883	WM. HUCKBA	ERY CREEK	.203	10.15	321
85-L	5-1-1883	C. H. SCHMELZER	BALLANTINE	.7506	37.53	320
85-E	5-1-1883	C. W. MCOLLUG	ERY CREEK	.35	17.50	319
124-A	5-1-1893	W. D. CHARTERS	ERY CREEK	.625	37.50	318
85-B	4-1-1883	JACOB BINGHAM	SETTLERS	1.00	50	317
77-A	4-15-1882	ROC HELMS	RIVERSIDE IRRIG. DIST.	3.674	183.70	295
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	412
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	412
35-A	6-1-1867	RALPH T. KNIGHT	CANYON COUNTY	1.76	88	419
116-A	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	12-A MISC.
116-B	6-1-1890	WILLIS S. SPENCER	" " "	.10	5	" "
116-C	6-1-1890	REBECCA BELL	" " "	.40	20	" "
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	466
114-B	5-1-1889	GUS A. BARTH	" "	.80	40	467
77-A	6-1-1881	" "	PARMA DITCH CO.	1.60	80	467
77-B	6-1-1881	CHARLES JURRIES	" " "	.34	17	467
77-C	6-1-1881	JAMES FINLAY	" " "	.80	40	467
77-D	6-1-1881	LESTER J. SHIPPY	" " "	1.30	65	467
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	482
31-B	6-1-1866	MINNIE & JERRY COUZENS	MIDDLETON WATER	.60	30	482
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	482
71-A	4-1-1879	ISLAND HIGHLINE DITCH CO.	" " "	3.00	150	491
137-A	4-1-1910	" " " "	" " "	7.00	350	491
139	4-1-1915	" " " "	" " "	10.00	500	491
75-A	1880	ALBERT LEMP ET AL	LARSEN-BAXTER & LEMP	3.20	160	496
29-A	1865	LOUISE SLOMONSON	LEMP DITCH-EAGLE ISLAND	6.00	300	496
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	497
29-B	1865	S. G. HARDIES & AMELIA EISLEY	BUBB	.50	25	498
51-A	1870	" " " "	"	1.00	50	498
116-A	1889	" " " "	"	.84	42	498

TABLE SHOWING CHANGE IN P

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DATE OF CHANGE	PRIORITY		NO. OF ACRES
	FROM	TO		NO.	DATE	
3	EUREKA NO. 2	EUREKA NO. 2	4-2-1912	96	10-1-17	80
9	PIONEER DIXIE	PIONEER DIXIE	7-31-1912			
29	CALDWELL HIGH LINE	CANYON COUNTY	8-26-1918			50
32	DAVIS	DAVIS DITCH	7-15-1919			
35	PIONEER DIXIE	RIVERSIDE	4-3-1919			160
36	CANYON COUNTY	MIDDLETON WATER	4-12-1918	35	6-1-57	
38	HART & DAVIS	SEVEN SUCKERS	6-24-1915			
39	HART & DAVIS	SEVEN SUCKERS	6-12-1918			
48	PIONEER DIXIE	PIONEER DIXIE	9-26-1919			
50	LOWER GEN. POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-65	
51	LOWER GEN. POINT	BOWMAN & SWISHER	3-31-1920	20	6-1-65	
54	CANYON COUNTY	MIDDLETON MILL	4-24-1920	35	6-1-67	
57	MIDDLETON WATER	BALLANTINE	12-2-1920	65	6-1-77	35
59	KENNEDY	CANYON COUNTY	3-18-1921	31	6-1-66	
61	KENNEDY & LAWRENCE	MIDDLETON WATER	6-27-1921	31-B	6-1-66	
64	BALLANTINE	DRY CREEK	12-21-1921	102	6-1-88	
75	MIDDLETON MILL	CANYON COUNTY	11-25-1924			
76	SETTLERS	SETTLERS	3-12-1925	85-B	4-1-83	
77	BUBB	BAHLER	4-26-1925	8-A	4-1-65	80
77	BUBB	BAHLER	4-26-1925	47-A	4-1-70	
83	WARM SPRINGS	SETTLERS	4-29-1926			
84	MIDDLETON WATER	FARMERS UNION	3-2-1926	65	6-1-77	
85	UPPER GEN. POINT	EUREKA NO. 2	5-7-1925			
91	BALLANTINE	DRY CREEK	6-23-1926	103		
103	PARMA DITCH	PARMA DITCH	10-3-1929			
126	LAWRENCE & KENNEDY	MIDDLETON WATER	3-25-1931	31-A	6-1-80	
127	BOWMAN & SWISHER	LARSEN, BAXTER & LEMP	8-15-1930		6-1-65	
131	EUREKA NO. 2	LOWER CENTER POINT	1-10-1932	85	11-9-83	
140	BALLANTINE	NEW DRY CREEK	4-23-1934	85-C	5-1-83	
141	FISCHER POWER	FISCHER POWER	12-18-1934		7-5-12	
147	MIDDLETON MILL	CANYON COUNTY	1-8-1936		6-1-67	
148	PIONEER DIXIE	UPPER GEN. POINT NO. 1	4-17-1936	96	10-1-87	
151	NEW DRY CREEK	BALLANTINE	2-18-1937		5-1-93	
152	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-70	
153	REIN-KEOGH-BAHLER	RIDENBAUGH	5-15-1937		5-1-95	
154	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-65	
159	UPPER CENTER POINT	EUREKA NO. 2	5-27-1939		6-1-65	
161	BALLANTINE	NEW DRY CREEK	5-5-1940	103	6-1-88	
174	BALLANTINE	NEW DRY CREEK	3-28-1944	103	6-1-88	
175	RIVERSIDE	EUREKA	4-11-1944		6-1-83	
176	MAMMOK DITCH	HAAS DITCH	4-16-1944		6-1-78	
179	CATLIN-MAGE	SEVEN SUCKERS	3-31-1945	5)	6-1-64)	
				52)	6-1-71)	
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-83	
227	O'DONNELL		12-17-54	114-A	5-1-89	

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

DATE OF CHANGE	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	REMARKS
	NO.	DATE				
4-2-1912	96	10-1-17	80		THOS. T. JOHNSTON	
7-31-1912					ALBERT F. CLEMONS	
9-26-1912			50	50	J. C. HUGHES	
7-15-1919					ED. DAVIS	
4-3-1919			160	100	REBECCA BELL	
4-12-1918	35	6-1-57		79	DRAPER & OTHERS	
9-24-1915				52	SHAVER & OTHERS	
6-12-1918					GEORGE RAMBO	
9-26-1918					JAS. T. RUARK	TO INDIAN CREEK
3-31-1920	19	6-1-65		144	JOHN S. SWISHER	
3-31-1920	20	6-1-65		320	GERT BOWMAN	
4-24-1920	35	6-1-67		54 1/2	H. G. DUDLEY	FOOTE & WISEMAN
12-2-1920	65	6-1-77	35	30	EDWARD MCCLINTICK	
3-18-1921	31	6-1-66		130	W. KENNEDY	
6-27-1921	31-B	6-1-66		30	MINNIE COUZENS	
12-21-1921	102	6-1-66		10	HARRY SEAVEY	
11-25-1924				25	DETWEED ETC. BANK	
3-12-1925	85-6	4-1-83		50	JACOB BINGHAM	
4-26-1925	8-A	4-1-65	80	40	ADOLPH BAHLER	
4-26-1925	47-A	4-1-70		40	ADOLPH BAHLER	
4-29-1926				36	LEO MARSTERS	
3-9-1926	65	6-1-77		40	J. C. RALPH	
5-7-1926				25	J. C. BRUCE	
6-23-1926	103			32 1/2	IRA E. BARBER	NOT APPROVED BY SECRETARY
10-3-1928					CHARLES JURRIES	
3-25-1931	31-A	6-1-60		115	WM. MUSSER	
8-15-1930		6-1-65		40	WM. BAXTER	
1-16-1932	85	11-2-83		35	R. E. MCQUIRE	
4-23-1934	85-C	5-1-83		3	CHAS. H. SCHWELZER	
12-18-1934		7-2-12			FISCHER POWER ONLY	BELOW FAIRVIEW
1-8-1936		6-1-67		10	CORA M. CLIFTON	
4-17-1936	96	10-1-87		75	CORA GREER	DECREE TO AME
2-18-1937		5-1-73		6.75	J. H. DONE	
5-15-1937		4-1-70		40	ADOLPH BAHLER	
5-15-1937		5-1-65		50	ADOLPH BAHLER	
5-15-1937		4-1-65		40	ADOLPH BAHLER	
5-27-1939		6-1-65		5	RAYMOND T. BRESHEARS	
5-5-1940	103	6-1-88		32 1/2	SID BARBER	
3-28-1943	103	6-1-88		12	FRANK M. RAY	
4-11-1944		6-1-83		85	WILBUR BRESHEARS	
4-18-1944		6-1-73		440	CHARLOTTIE E. ALLEN	
3-31-1945	5)	6-1-64)		12	IDAHO FISH & GAME DEPT.	
	52)	6-1-71)				
9-3-1954	89	11-9-83		45	J. E. HOUSTON	
12-17-54	114-A	5-1-89		80	ARNOLD C. CRAWFORTH	TO BE PUMPED F

NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	REMARKS
80		THOS. T. JOHNSTON	
50	50	ALBERT F. CLEMONS	
		J. C. HUGHES	
		ED DAVIS	
160	100	REBECCA BELL	
	19	DRAPER & OTHERS	
	52	SHAVER & OTHERS	
		GEORGE RAMBO	
		JAS. E. RUARK	TO INDIAN CREEK
	144	JOHN S. SWISHER	
	320	GIRE BOWMAN	
	55 ¹ / ₂	H. G. DUDLEY	FOOTE & WISEMAN
35	30	EDWARD MCCLINTOCK	
	130	W. KENNEDY	
	30	MINNIE COUZENS	
	10	HARRY SEAVEY	
	25	DETWEED ETC. BANK	
	50	JACOB BINGHAM	
80	40	ADOLPH BAHLER	
	40	ADOLPH BAHLER	
	70	LEO MAHSTERS	
	40	J. C. RALPH	
	25	J. C. BRUCE	
	32 ¹ / ₂	IRA E. BARBER	NOT APPROVED BY LITCH 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	DORA M. CLIFTON	
	75	DORA UPEER	DECREEED TO AMERICAN DITCH ASSOC.
	6.75	J. H. CONE	
	40	ADOLPH BAHLER	
	50	ADOLPH BAHLER	
	40	ADOLPH BAHLER	
	5	RAYMOND T. BRESHEARS	
	32 ¹ / ₂	SID BARBER	
	12	FRANK W. RAY	
	85	WILBUR BRESHEARS	
	410	CHARLOTTIE L. ALLEN	
	12	IDAHO FISH & GAME DEPT.	
	45	J. E. HOUSTON	
	80	ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER DIRECT

TRANSFERS OF DECEDED RIGHTS

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO					
34	SETTLERS	SETTLERS	92	10-17-44	3-16-1909	15	WALTER S.
34	"	"	122	6-1-61	3-16-1909		
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100	C. H. ROSE
38	AMERICAN DITCH ASSN.	CANYON LITCH	96	10-1-87	9-1-1909	605	W. V. MES
45	SETTLERS	SETTLERS			2-5-1910	10	J. E. MOOR
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-66	2-5-1910	112	BARBER LUM
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	1475	AMERICAN D.
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210	NICHOLS & S
50	SETTLERS	SETTLERS			6-7-1910	20	J. P. CLEEN
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	50	J. A. CARTER
71	UPPER CEN. POINT	EUREKA NO. 2	24	6-1-65	3-14-1911	40	J. T. ROLAN
105	STEEBENBERG	CANYON LITCH	9	6-1-65	9-19-1912	25	H. E. WEEK
111	EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	60	H. L. RANDA
111	PIONEER DIXIE	HILLCREST	8	9-1-64	11-25-1912	1017	H. L. RANDA
111	"	"	45	6-1-69	11-25-1912		
136	JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	1000	BOISE FRUIT
215	PIONEER IRR. DIST.	PIONEER IRR. DIST.			7-15-1918	432	PIONEER IRR.
300	MIDDLETON MILL	DRY CREEK			4-20-1921	17.5	EMMA M. FOWL
301	MIDDLETON MILL	DRY CREEK			4-20-1921	77	JOHN F. GROC
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
380	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	CARL A. GISH
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5-1-1925	10	NELLIE B. WH
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2	HENRY A. BAR
373	BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	18.7	L. A. RICE
374	MIDDLETON WATER # 1	FARMERS UNION	65	6-1-77	5-6-1926	20	H. D. PARKS
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10	A. D. WING
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	MARY F. LEACH
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13.3	H. E. MCCONNE
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	H. W. BARTLET
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
392	"	"	54)	6-1-71			
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20	FRED EDGERS
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)	6-1-51			
395	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25	G. R. MCQUIRE
412	THURMAN	SETTLERS	81	6-1-62	12-2-1927	20	CHAS. P. MADE
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5	O. E. ALLISON
466	RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	445	W. P. TULLER
466	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5	C. O. WOOD
477	SETTLERS	SETTLERS	92	10-17-84	11-16-1929	10	CHASE N. WALKER
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3	FRANK P. WEASEL
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50	W. SCOTT ANDER
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25	FARMERS UNION
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 B
555	JACOBS CANAL	NAMPA-MERITIAN	1	6-1-64	9-9-1938	10	BOISE TRUST CO
555	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10	BOISE TRUST CO
606	RIVERSIDE	PIONEER DIXIE	88	6-1-63	4-25-1940	50	W. F. TRACY
644	RIVERSIDE	PIONEER DIXIE	88	6-1-63	11-12-1942	35	S. E. SMITH
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	50	W. W. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

CHART A

<u>DATE OF TRANSFER</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
1-16-1909)	15	WALTER S. BRUCE	
1-16-1909)			
1-19-1909	100	C. H. ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
2-1-1909	605	WM. M. MESSLER	
2-5-1910	10	J. E. MOORE	
2-4-1910	112	BARDER LUMBER CO.	
1-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
3-1-1910	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
5-7-1910	20	J. P. CLEEK	
1-14-1910	50	J. A. CARTRIGHT	
1-14-1911	40	J. I. ROLAND	CHANGE IN POINT OF DIVERSION ONLY
1-18-1912	25	H. E. MEER	
2-25-1912	60	H. L. RANDALL & OTHERS	
2-25-1912)	1017	H. L. RANDALL & OTHERS	
2-25-1912)			
6-8-1914	1000	BOISE FRUIT TRACT CO.	
1-15-1918	432	PIONEER IRR. DIST.	LICENSED RIGHT INDIAN CREEK
1-20-1921	17.5	EMMA M. FOWLER	
1-20-1921	77	JOHN F. GROOME	
2-6-1925	7	C. E. WHITE	
2-6-1925	7	FRANK WEASEL	
2-6-1925	7	CARL A. UISH	
5- -1925	10	NELLIE B. WHITAKER	
3-16-1926	56.2	HENRY W. BARTLETT	
1-26-1926	18.7	L. A. RICE	
5-6-1926	20	H. D. PARKS	
5-6-1926	10	A. G. WING	
7-8-1926	20	MARY F. LEACH	
7-8-1926	13.3	H. E. 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. BOWERMAN	
1-16-1926	25	G. R. MCCLURE	
12-2-1927	20	CHAS. P. MACE	
7-2-1928	12.5	D. E. ALLISON	FORMERLY MIDDLETON WATER
7-6-1929	445	W. H. TULLER	
7-12-1929	5	C. C. WOOD	
1-18-1929	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	
2-31-1934	34.37	FEDERAL LAND BANK	
9-9-1938	10	BOISE TRUST CO.	SOWERMEIR
9-9-1938	10	BOISE TRUST CO.	FALK
4-29-1940	50	W. F. TRACY	
1-12-1942	35	S. E. SMITH	
0-18-1943	25	W. W. HOWELL	LARSON TRACT
0-18-1943	50	W. W. HOWELL	HAMMING TRACT
0-18-1943	25	W. W. HOWELL	BUDGE TRACT

TRANSFERS OF DECREE RIGHT

NO. OF TRANSFER	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WH TRANSFER
	FROM	TO	NO.	DATE			
680	RIVERSIDE	PIONEER DIXIE	88	6-1-23	4-11-1944	30	L. W. B.
684	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	8	W. J. H.
694	"	"	30	5-1-66	4-29-1946	6	"
694	"	"	30	5-1-66	4-29-1946	7	"
701	"	"	30	5-1-66	4-29-1946	13	"
702	"	NEW YORK	30	5-1-66	12-20-1946	100	"
712	"	SETTLERS	30	5-1-66	12-20-1946	30	"
712	"	"	30	5-1-66	6-14-1947	10	"
712	"	"	30	5-1-66	6-14-1947	10	"
713	"	"	30	5-1-66	6-14-1947	25	"
717	STELLENBERG	NEW TRY CREEK	30	5-1-66	6-14-1947	27	"
720	CONSUMERS	FARMERS CO-OP	9	6-1-65	11-25-1947	32	R. V. TUL
720	"	SETTLERS	30	5-1-66	5-4-1948	10	R. V. HEN
720	"	"	30	5-1-66	5-4-1948	10	"
720	"	"	30	5-1-66	5-4-1948	7	"
720	"	"	30	5-1-66	5-4-1948	10	"
720	"	"	30	5-1-66	5-4-1948	20	"
736	THURMAN MILL	"	30	5-1-66	5-4-1948	10	"
736	CONSUMERS	"	37	6-1-68	3-9-1949	50	WITCHAMPTON
739	"	"	30	5-1-66	3-9-1949	55	R. V. HEN
753	"	"	30	5-1-66	4-2-1949	7.5	"
754	"	"	30	5-1-66	4-14-1950	23	J. R. FIEL
750	"	MIDDLETON MILL	30	5-1-66	4-14-1950	20	J. R. FIEL
790	HILLCREST	NEW YORK	8	9-1-64	3-28-1952	1000	FOREST SON
790	"	"	45	6-1-69	3-28-1952	17	"
790	"	"	96	10-1-67	3-28-1952	60	"
823	CONSUMERS	"	30	5-1-66	7-13-1954	300	G. S. TAYL
829	"	SETTLERS	30	5-1-66	9-3-1954	24	"
871	THURMAN MILL	"	30	6-1-68	1-2-1956	13.4	J. FRANK B
872	"	"	30	6-1-68	1-2-1956	11	WITCHAMPTON
873	CONSUMERS	"	30	6-1-68	1-2-1956	10	G. S. TAYL

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

CHART NO. 23-A

<u>DATE OF TRANSFER</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
1-1944	30	L. W. BALDWIN	
9-1946	8	A. A. HOWELL	KENNETH O. EARL
9-1946	6	"	L. R. FEAKES
9-1946	7	"	D. O. STARK
9-1946	13	"	D. W. KYLE
10-1946	100	"	REX JENSON (BOISE-KUNA IRRIG. DIST.)
11-1946	30	"	MRS. ELITH CURTIS
14-1947	10	"	CLYDE SIMPSON
14-1947	10	"	JOHN DEVONE
14-1947	25	"	LEN SIMPSON
14-1947	27	"	J. S. BEEDE
25-1947	32	R. M. TUCKER	
1-1948	10	A. A. HOWELL	W. E. DOTY
4-1948	10	"	TOM ERELIAGA
4-1948	7	"	LOUIS ODERMOTT
4-1948	10	"	W. H. CALDWELL
3-1948	20	"	NORMAN C. STELLE
4-1948	10	"	GEORGE LERT ROYLAND
9-1949	50	AIRCRAFT SERVICE CO.	
1-1949	95	A. A. HOWELL	
1-1949	7.5	"	
1-1950	23	J. R. FIELL	8" HAGER TRACT, 15" KIMBLE TRACT
1-1950	20	J. R. FIELL	GRINK TRACT
25-1952	1000	FIREST SOWER	
28-1952	17	"	
25-1952	60	"	
13-1954	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
3-1954	24	"	10" TO THE GOLDEN KENT TRACT AND 14" TO THE ELMOND BUCKLE
2-1956	13.4	J. FRANK BRUCE	
2-1956	11	GEORGE C. KLYLER, JR.	
2-1956	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT

BY WHOM
TRANSFERRED

REMARKS

L. W. SALWIN
W. W. HOWELL

KENNETH O. EARL
L. R. FEWES
D. O. STARK
G. W. KYLE
REX JENSON (BOISE-KUNA IRRIG. DIST.)
MRS. EDITH CURTIS
CLYDE SIMPSON
JOHN DEVONE
LEN SIMPSON
J. C. BEEDE

R. W. TUCKER
W. W. HOWELL

W. E. DOTY
TOM ERCTAGA
LOUIS OGERNOTT
W. H. CALDWELL
NORMAN C. STEELE
GEORGE BERT ROYLAND

AIRCRAFT SERVICE CO.
W. W. HOWELL

8" HAVER TRACT, 15" KIMBLE TRACT
BRINK TRACT

J. R. FIEHL
J. R. FIEHL
FREDERICK SOWER

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

G. S. TAYLOR

J. FRANK BRUCE
GEORGE L. KESLER, JR.
G. S. TAYLOR

THEODORE L. JOHNSON TRACT

NO.	DATE	NAME	AMOUNT DECREED		NO.	DATE	NAME	AMOUNT
			SEC. FT.	INCHES				SEC
1.	X6-1-64	THOMAS DAVIS	2.20	110	46.	6-1-69	MASON CREEK DITCH CO.	3.
2.	X6-1-64	JACOBS CANAL CO.	20.00	1000	47.	X6-1-69	T. W. BOONE	3.
3.	X6-1-64	MIDDLETON MILL DITCH	12.80	640	48.	6-1-70	W. J. HAMMING	2.
4.	X6-1-64	THOMAS ANDREWS	3.30	165	49.	6-1-70	PIONEER CANAL	25.
5.	X6-1-64	CATLIN & MACE	2.86	143	50.	6-1-69	BARBER LUMBER CO.	2.
6.	X6-1-64	T. C. CATLIN	3.30	165	51.	X6-1-70	THOMAS ANDREWS	1.
7.	X6-1-64	C. C. HAVIRI	3.30	165	52.	6-1-71	CATLIN & MACE	7.
8.	X6-1-64	PIONEER DIXIE DITCH CO.	20.00	1000	53.	6-1-71	PETER MEEVES	1.
9.	X6-1-65	STIEBERBERG DITCH CO.	13.42	671	54.	6-1-71	MIDDLETON MILL DITCH CO.	33.
10.	X6-1-65	ALLEN V. WEBSTER	1.20	60	55.	6-1-72	J. F. VARYAN	.
11.	X6-1-65	J. F. VARYAN	.66	33	56.	6-1-72	J. F. VARYAN	1.
12.	X6-1-65	GRAHAM & GILBERT	4.40	220	57.	6-1-72	MARY C. DAVIS	4.
13.	X6-1-65	EUREKA WATER CO.	33.32	1666	58.	6-1-72	EDWARD N. HART	3.
14.	X6-1-65	NEW UNION DITCH CO.	13.76	688	59.	X6-1-74	J. W. BOONE	2.2
15.	X6-1-65	BOISE VALLEY IRRIG. DITCH CO.	54.58	2729	60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	10.0
16.	X6-1-65	RIDENBAUGH & ROSSI	9.20	460	61.	6-1-76	EDWARD & MARY CLARK	2.36
17.	X6-1-65	RIDENBAUGH & ROSSI (POWER)	265.80	13290	62.	6-1-76	JOHN CEDIL	.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	H. H. DONAHAY	.90
20.	X6-1-65	BIRD BOWMAN	6.40	320	65.	6-1-77	MIDDLETON WATER CO.	114.08
21.	X6-1-65	G. W. GESS	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	NAZPA-MERILIAN IRRIG. DIST.	170.00
23.	X6-1-65	G. W. COOPER	3.20	160	68.	X6-1-78	JOHN MAMMO	4.70
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	8.90
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	1.56	79	72.	6-1-79	NEW ERY CREEK DITCH CO.	31.32
28.	X6-1-65	J. N. TUCKER	7.00	350	73.	X6-1-79	E. MUMFORD	4.00
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 GABLE	.90
32.	X6-1-66	MANVILLE & LEONARD	3.50	175	77.	10-20-80	FRANKLIN DITCH CO.	27.60
33.	X6-1-66	BOISE CITY CANAL CO.	38.06	1903	78.	6-1-82	ALLEN V. WEBSTER	.90
34.	X6-1-66	FRANKLIN DITCH CO.	15.40	770	79.	6-1-82	SUSIE CAMPBELL	.60
35.	X6-1-67	CANYON CO. WATER CO.	75.80	3790	80.	6-1-82	J. T. BARBER	1.60
36.	X6-1-68	MARTHA E. MCCARTHY	14.10	705	81.	6-1-82	SONORA JOPLIN	3.40
37.	X6-1-68	H. L. & LORA GOODMAN	3.70	185	82.	6-1-82	S. W. HUTCHINSON	.44
38.	X6-1-68	T. T. JOHNSON	3.20	160	83.	6-1-82	JOHNSON	.44
39.	X6-1-68	ROSS, ALLEN, TILLEY & ROSS	8.54	427	84.	6-1-82	ANDREW J. JOPLIN	2.66
40.	X6-1-68	S. S. GRAY	1.40	70	85.	6-1-82	JAMES L. GRAHAM	2.20
41.	X6-1-69	JOHN MAMMON	1.80	90	86.	X6-1-83	FARMERS COOP. DITCH	20.00
42.	X6-1-69	ISAAC BECAL	1.60	80	87.	6-1-83	FRANCIS M. JOPLIN	.90
43.	X6-1-69	FREDERICK ODE	3.60	180	88.	X6-1-83	W. A. BLACK	12.00
44.	X6-1-69	PRIOR BURNETT	8.50	425	89.	X11-83	EUREKA DITCH CO. NO. 2	21.70
45.	X6-1-69	PIONEER DIXIE DITCH CO.	35.44	1772	90.	6-1-84	PIONEER IRRIG. DIST.	53.10

X INDICATES RIGHTS SUPPLIED BY RETURN FLOW TO RIVER

STEWART DECREE

NO.	DATE	NAME	AMOUNT DECREEED SEC. FT.	INCHES	NO.	DATE	NAME	AMOUNT SEC. FT.
46.	6-1-69	MASON CREEK DITCH CO.			91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00
47.	X6-1-69	T. W. BOONE	37.20	1860	92.	10-17-84	SETTLERS CANAL CO.	99.06
48.	6-1-70	W. J. HAMMING	3.50	175	93.	6-1-86	NEW DRY CREEK DITCH	15.22
49.	6-1-70	PIONEER CANAL	2.50	130	94.	6-1-86	THOMAS DAVIS	13.40
50.	6-1-69	BARBER LUMBER CO.	25.72	1266	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00
			2.24	112				
51.	X6-1-70	THOMAS ANDREWS			96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80
52.	6-1-71	CATLIN & MACE	1.30	65	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86
53.	6-1-71	PETER MEEVES	7.86	393	98.	6-1-88	A. V. LINDER	4.00
54.	6-1-71	MIDDLETON MILL DITCH CO.	1.80	90	99.	6-1-88	LEVI SMITH	1.30
55.	6-1-72	J. F. VARYAN	33.70	1685	100.	6-1-88	CHARLOTTE CALHOUN	1.40
			.70	35				
56.	6-1-72	J. F. VARYAN	1.40	70	101.	6-1-88	ED. J. LINDER	1.45
57.	6-1-72	MARY C. DAVIS	4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20
58.	6-1-72	EDWARD N. HART	3.30	165	103.	6-1-88	JESSIE WILSON	1.40
59.	X6-1-74	J. W. BOONE	2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90
60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00
61.	6-1-76	EDWARD & MARY CLARK	2.30	115	106.	8-20-88	NAMPA-MERIDIAN IRRIG. DIST.	370.84
62.	6-1-76	JOHN CECIL	.43	22	107.	5-1-89	CHAS. S. MILLER	.06
63.	6-1-77	THOMAS AIKENS	5.20	260	108.	5-1-89	LOUIS S. HOSELEY	.02
64.	6-1-77	W. H. CONWAY	.60	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40
65.	6-1-77	MIDDLETON WATER CO.	114.08	5734	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00
66.	7-1-77	PERRAULT & JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94
67.	5-1-78	NAMPA-MERIDIAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOWARTY	.05
68.	X6-1-78	JOHN MAMMOI	4.20	210	113.	5-1-89	GRACE GALL	.10
69.	X6-1-78	JULIA MAMMOI	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03
70.	X6-1-78	CHARLES ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN	.06
71.	X6-1-78	R. H. STOCKTON	1.40	220	116.	6-1-89	SONORA JOPLIN	1.20
72.	6-1-79	NEW DRY CREEK DITCH CO.	31.32	1566	117.	6-1-90	PIONEER IRRIG. DISTRICT	200.00
73.	X6-1-79	D. MUMFORD	4.00	200	118.	6-1-91	W. H. CONWAY	2.20
74.	X6-1-80	SMITH STOCKTON	1.75	88	119.	6-1-91	THOMAS DAVIS	.54
75.	6-1-80	ISHAM JOPLIN	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00
76.	10-20-80	JOSEPH GABLE	.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50
77.	10-29-80	FRANKLIN DITCH CO.	27.50	1375	122.	6-1-91	SETTLERS CANAL CO.	73.41
78.	6-1-82	ALLEN V. WEBSTER	.90	45	123.	6-1-91	THOMAS AIKEN	.60
79.	6-1-82	SUSIE CAMPBELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00
80.	6-1-82	J. T. BARBER	1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76
81.	6-1-82	SONORA JOPLIN	3.40	170	126.	7-2-91	FARMERS UNION DITCH CO.	110.00
82.	6-1-82	S. W. HUTCHINSON	.44	22	127.	5-1-95	CHARLES REID & JANE KEOGH	1.00
83.	6-1-82	JOHNSON	.44	22	128.	7-1-95	MATHEW CASEY	.60
84.	6-1-82	ANDREW J. JOPLIN	2.56	128	129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50
85.	6-1-82	JAMES L. GRAHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00
86.	X6-1-83	FARMERS COOP. DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10
87.	6-6-83	FRANCIS M. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00
88.	X6-1-83	W. A. BLACK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00
89.	X11-2-83	EUREKA DITCH CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54
90.	6-1-84	PIONEER IRRIG. DIST.	53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34

A. V. TALLMAN
IRRIG. ENGR.

REED				AMOUNT DECREED	
INCHES	NO.	DATE	NAME	SEC. FT.	INCHES
1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000
175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4953
130	93.	6-1-86	NEW LRY CREEK DITCH	15.22	761
1286	94.	6-1-86	THOMAS DAVIS	13.40	670
112	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393
90	98.	6-1-88	A. V. LINDER	4.00	200
1685	99.	6-1-88	LEVI SMITH	1.30	65
35	100.	6-1-88	CHARLOTTE GATHOUN	1.40	70
70	101.	6-1-88	ED. J. LINDER	1.45	73
220	102.	6-1-88	LIZZIE EVERETT	1.20	60
165	103.	6-1-88	JESSIE WILSON	1.40	70
110	104.	X6-1-88	THOMAS ANDREWS	.90	45
500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
115	106.	8-20-88	NAMPA-MERIDIAN IRRIG. DIST.	370.84	18542
22	107.	5-1-89	CHAS. S. MILLER	.06	3
260	108.	5-1-89	EDMUND S. HOSELEY	.02	1
45	109.	5-1-89	S. J. UTTER & C. E. TAYLOR	2.40	120
5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
8500	112.	5-1-89	ANNA H. FOLARTY	.05	2
210	113.	5-1-89	GRACE CALL	.10	5
168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1
440	115.	6-1-89	SONORA JOPLIN	.06	3
220	116.	6-1-89	SONORA JOPLIN	1.20	60
1566	117.	6-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
200	118.	6-1-91	W. H. CONWAY	2.20	110
88	119.	6-1-91	THOMAS DAVIS	.54	27
120	120.	6-1-91	MIDDLETON WILL DITCH CO.	17.00	850
45	121.	X6-1-91	THOMAS ANDREWS	3.80	175
1380	122.	6-1-91	SETTLERS CANAL CO.	73.41	3672
45	123.	6-1-91	THOMAS ALKEN	.80	40
30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	60.00	4000
80	125.	X6-1-94	B. H. STOCKTON	1.76	88
120	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
22	127.	5-1-95	CHARLES REID & JANE KEOGH	1.00	50
22	128.	7-1-95	MATHEW CASEY	.66	33
143	129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50	4175
110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277
2655	135.	4-1-03	PIONEER IRRIG. DIST.	56.34	2817

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

CHART NO. 25

CHANGE IN		PRIORITY		INTERVENORS		BRYAN DECREE	INCHES	TOTAL SEC. FT.
NAME OF CANAL	P. OF C.	TRANSFER	NO.	DATE	STEWART DECREE	STEWART DECREE		
NEW YORK			131	3-23-1900	219.10		10955	
				3-23-1900		58.86	2943	
				12-14-1903		1354.58	67729	
				6-16-1909		926.50	46325	
		111	8	6-1-1864	20.34		1017	
			45	6-1-1869				
		111	96	10-1-1887	1.20		60	
		465	106	8-20-1888	8.90		445	
		701	30	5-1-1866	2.00		100	2891.48
		823	30	5-1-1866	6.00		300	2597.48
NANPA & MERIDIAN			67	5-1-1878	170.00		8530	
			106	9-20-1888	370.84		18542	
		392	65	6-1-1877	.40		20	
	152		47-A	4-1-1870		.80	40	
	153		127	5-1-1895	1.00		50	
	154		8-A	4-1-1865		.80	40	
		466*	106	8-20-1888	8.90*		445*	
		595	1	6-1-1864	.20		10	535.14
			107	5-1-1889	.06		3	
			108	5-1-1889	.02		1	
BUBB (SOUTH BOULE)			109	5-1-1889	2.40		120	
			110	5-1-1889	6.00		300	
			111	5-1-1889	2.24		147	
			112	5-1-1889	.05		2	
			113	5-1-1889	.10		5	
			114	5-1-1889	.03		2	
			8-B	4-1-1865		1.80	90	
			29-B	4-1-1865		.50	25	
			51-A	1870		1.00	50	
			116-A	4-1-1889		.84	42	
				4-1-1905			270	21.14
						5.40		
							90	1.80
							460	
MEEVES			16	6-1-1865	9.20		40	10.00
ROSSI MILL			18	6-1-1865	.80			
MANVILLE-LEONARD			32	6-1-1866	3.50		175	3.50
							670	13.40
DAVIS			94	6-1-1886	13.40			
LITTLE DAVIS			119	6-1-1891	.54		27	.54

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-A

NAME OF CANAL	CHANGE IN P. OF L.	TRANSFER	PRIORITY		STEWART DEGREE	INTERVENORS		INCHES	TOTAL SEC. FT.
			NO.	DATE		STEWART DEGREE	BRYAN DEGREE		
SETTLERS			92	10-17-1894	99.06			4953	
			122	6-1-1891	73.44			3672	
		347	3	6-1-1854	.14			7	
		349	3	6-1-1854	.14			7	
		350	3	6-1-1854	.14			7	
		397	65	6-1-1877	.20			10	
		412	81	6-1-1882	.40			20	
	76		85-B	4-1-1883		1.00		50	
	93		85-A	6-1-1882		.72		36	
		430	65	6-1-1877	.25			12.5	
		525	1	6-1-1854	.20			10	
		654	30	5-1-1855	.50			25	
		654	30	5-1-1855	1.00			50	
		654	30	5-1-1855	.50			25	
		654	30	5-1-1855	.15			8	
		694	30	5-1-1855	.12			6	
		694	30	5-1-1855	.14			7	
		694	30	5-1-1855	.26			13	
		712	30	5-1-1855	.60			30	
		712	30	5-1-1855	.20			10	
		712	30	5-1-1855	.20			10	
		712	30	5-1-1855	.50			25	
		720	30	5-1-1855	1.34			67	
		736	37	6-1-1868	1.00			50	
		737	30	5-1-1855	1.10			55	
		739	30	5-1-1855	.15			7.5	
		753	30	5-1-1855	.46			23	183.92
		829	30	5-1-1855	.48			24	184.40
		871	36	6-1-1868	.298			14.4	
		872	36	6-1-1868	.22			11	184.908
		873	30	5-1-1855	.20			10	185.108
TURNER HILL			7	6-1-1854	3.30			155	
			10	6-1-1855	1.20			60	
			11	6-1-1855	.65			33	
			36	6-1-1855	14.10			705	
			37	6-1-1855	3.70			185	
			42	6-1-1855	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	
			129	7-1-1895	.66			33	
		412*	61	6-1-1882	.40*			20*	37.16
		736*	37	6-1-1858	1.00*			50*	36.16
		871*	36	6-1-1858	.298*			14.4*	
		872*	36	6-1-1858	.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			
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL SEC. FT.
PENITENTIARY	46		50	6-1-1866	2.24			
							112	2.24
GRUEN (CONSUMERS)			30	5-1-1866	50.00			
		654*	30	5-1-1866	.50*		2500	
		654*	30	5-1-1866	1.00*		25*	
		654*	30	5-1-1866	.50*		50*	
		694*	30	5-1-1866	.16*		25*	
		694*	30	5-1-1866	.12*		8*	
		694*	30	5-1-1866	.14*		6*	
		694*	30	5-1-1866	.26*		7*	
		701*	30	5-1-1866	2.00*		13*	
		702*	30	5-1-1866	.60*		100*	
		712*	30	5-1-1866	.20*		30*	
		712*	30	5-1-1866	.20*		10*	
		712*	30	5-1-1866	.50*		10*	
		713*	30	5-1-1866	.54*		25*	
		720*	30	5-1-1866	1.34*		27*	43.28
		737*	30	5-1-1866	1.10*		67*	41.94
		739*	30	5-1-1866	.15*		55*	
		753*	30	5-1-1866	.46*		7.5*	
		754*	30	5-1-1866	.40*		23*	
		823*	30	5-1-1866	6.00*		20*	39.83
		829*	30	5-1-1866	.48*		300*	33.83
		873*	30	5-1-1866	.20*		24*	33.35
BOISE CITY			33	6-1-1866	38.06		10*	33.15
		370*	33	6-1-1866	1.124*		1903	
		373*	33	6-1-1866	.374*		56.2*	
							18.7*	36.562
FARMERS UNION			126	7-2-1894	110.00			
		136	2	6-1-1864	20.00		5500	
		370	33	6-1-1866	1.124		1000	
		373	33	6-1-1866	.374		56.2	
		374	65	6-1-1877	.40		18.7	
		375	65	6-1-1877	.20		20	
		384	65	6-1-1877	.40		10	
		385	65	6-1-1877	.266		20	
		386	65	6-1-1877	.40		13.3	
		387	65	6-1-1877	.40		20	
		391	3)	6-1-1864				
		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	
	84	512	1	6-1-1864	1.00		50	
		513	1	6-1-1864	.50		25	
		530	1	6-1-1864	.30		15	
				7-2-1894		54.46	2723	191.312

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-C

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DECREE	INTERVENORS		AMOUNT DECREED	
			NO.	DATE		STEWART DECREE	BRYAN DECREE	INCHES	TOTAL SEC. FT.
BOISE VALLEY			15	6-1-1865	54.58			2729	54.58
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	7.96			393	
			129-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		.625		41.25	
		300	3	6-1-1864					
		300	54	6-1-1871	.35			17.5	
		300	120	6-1-1891					
		301	3	6-1-1864					
		301	54	6-1-1871	1.54			77	
		301	120	6-1-1891					
	64		102	6-1-1888	.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	
		713	30	5-1-1866	.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	
			65	6-1-1877	.60			30	
	57		102	6-1-1888	.20*			10*	
	64*		85-D	5-1-1883		.06*		3*	
	140*		124-A	5-1-1893		.135*		6.75	
	151*		103	6-1-1888	.65*			32.5*	
	161*		103	6-1-1888	.24*			12*	15.25
	174*								

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-D

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	INTERVENORS		AMOUNT DECREED		TOTAL SEC. FT.
					STEWART DEGREE	STEWART DEGREE	BRYAN DEGREE	INCHES	
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		.60		30	
	126		65	6-1-1877	.80*			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	.288*			14.4*	
		393*	120)	6-1-1891					62.562
		754	30	5-1-1866	.40			20	62.262
PIONEER			49	6-1-1870	25.72			1286	25.72
LAWRENCE & KENNEDY			31-C	6-1-1866		1.10		55	1.10

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-E

NAME OF CANAL	CHANGE IN P. OF I.	TRANSFER	PRIORITY		STEWART DECREE	AMOUNT DECREE			TOTAL SEC. FT.
			NO.	DATE		INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
CANYON COUNTY			35	6-1-1867	75.80			3790	
	29		35-A	6-1-1867		1.76		86	
	36*				1.00			50	
	54*		35	6-1-1867	.38*			19*	
	59		35	6-1-1867	1.11*			55.5*	
	75		31	6-1-1866	2.60			130	
	147				.50			25	
			35	6-1-1867	.20			10	80.37
LEMP DITCH			29-A	1865		6.00		300	6.00
CONWAY & HAMMING			48	6-1-1870	2.60			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	
			52	6-1-1871	7.86			393	
	179*		5)	6-1-1864					
			52)	6-1-1871	.24*			12*	
			136	6-14-1912		.40		20	10.88
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*)								
	39*)				1.04*			52*	9.96
GRAHAM & GILBERT			12	6-1-1865	4.40			220	4.40
WARM SPRINGS SLOUGH			61	6-1-1876	2.30			115	
			80	6-1-1882	1.60			80	
			82	6-1-1882	.44			22	
			83	6-1-1882	.44			22	
			84	6-1-1882	1.36			68	
			85	6-1-1882	2.20			110	
			85-A	6-1-1882		1.60		80	
	83*		85-A	6-1-1882		.72*		36*	9.22
JOPLIN			81	6-1-1882	.80			40	
			115	6-1-1889	.06			3	
			116	6-1-1889	1.20			60	2.06
SEVEN SUCKERS					1.04			52	
	38								
	39								
	179		5)	6-1-1864	.24			12	1.28
			52)	6-1-1871					

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-F

AMOUNT DECREED

NAME OF CANAL	CHANGE IN P. OF L.	TRANSFER	PRIORITY		INTERVENORS			TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE	
PHYLLIS			90	6-1-1884	53.10			
			117	9-1-1890	200.00			2655
			135	4-1-1904	56.34			10000
				4-1-1905			306.56	2817
				4-1-1908			54.50	15328
								2725
								670.50
ELREKA NO. 1			13	6-1-1865	33.32			1666
								33.32
CALDWELL HIGH LINE			34	6-1-1866	15.40			770
			46	6-1-1869	37.20			1860
			77	10-29-1880	27.60			1380
	25*				1.00*			50*
								79.20
FARMERS CO-OP DITCH			60	6-1-1875	10.00			500
			86	6-1-1883	20.00			1000
			105	7-1-1888	50.00			2500
			125	7-1-1896	83.50			4175
				4-1-1905			154.45	7722
		717	9	6-1-1865	.64			32
								318.59
			132	5-17-1900	10.00			500
			134	10-25-1901	5.54			277
		38	96	10-1-1887	12.10			605
CANYON LITCH CO.		105	9	6-1-1865	.50			25
								28.14
STEEBENBERG			9	6-1-1865	13.12			671
		105*	9	6-1-1865	.50*			25*
		717*	9	6-1-1865	.64*			32*
								12.26
RIVERSIDE			88	6-1-1883	12.00			600
			91	6-1-1884	20.00			1000
			95	1-23-1887	4.00			200
			124	5-1-1893	80.00			4000
			130	10-1-1899	20.00			1000
			133	6-1-1901	70.00			3500
			77-A	4-15-1882		3.674		183.7
			116-A	6-1-1890		.72		36
			116-B	6-1-1890		.10		5
			116-C	6-1-1890		.40		20
				4-1-1910			63.78	3185
				4-1-1914			17.70	885
		608*	88	6-1-1883	1.00*			50*
		644*	88	6-1-1883	.70*			35*
		660*	88	6-1-1883	.60*			30*
					2.00			100
	35		88	6-1-1883	1.70*			85*
	175*							290.374

* SUBTRACT

STEWART AND BRYAN DECREE GROUPS UNDER CANAL HEADINGS

CHART NO. 25-G

NAME OF CANAL	CHANGE IN P. OF C.	TRANSFER	PRIORITY		STEWART DECREE	AMOUNT DECREE			TOTAL SEC. FT.
			NO.	DATE		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	
		52*	96	10-1-1887	1.00*			50*	
		111*	18)	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			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	
	50*		19	6-1-1865	2.88*			144*	
	51*		20	6-1-1865	6.40*			320*	
	131		89	11-9-1883	.70			35	17.60
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.60*			40*	8.48
	224		89	11-9-1883	.90			45	9.38
VAMMON			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 DECREE GROUPED UNDER CANAL HEADINGS

CHART NO. 25-H

NAME OF CANAL	CHANGE IN P. OF C.	TRANSFER	PRIORITY		INTERVENDORS			AMOUNT DECREEED	
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	TOTAL SEC. FT.
HAAS DITCH	176		39	6-1-1868	8.54			427	
			70	6-1-1878	8.80			440	17.34
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150	
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	20.00
LARSEN-BAXTER-LEMP			75-A	1880		3.20		160	
			20	6-1-1865	.80			40	4.00
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	6-1-1888	.90			45	
			121	6-1-1891	3.50			175	23.50
PARMA DITCH			71	6-1-1878	4.40			220	
			74	6-1-1880	1.70			86	
			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

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

CHART NO. 26

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	1386.36
3 MIDDLETON MILL DITCH CO.	1	12.80	9.60	7.68			
4 THOMAS AMERICKS	3	3.30	2.48	1.98		1075.63	1389.56
5 CATLIN & MACE	1	2.86	2.15	1.72			
6 T. C. CATLIN	1	3.30	2.48	1.98		1076.06	1390.27
7 C. C. HAVIRD	1	3.30	2.48	1.98		1076.56	1391.09
8 PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00		1077.06	1391.91
8A ADALPH BAHLER	1	.80	.60	.48			1396.91
8B FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08		1077.18	1397.11
9 STEENBERG	2	13.42	10.07	8.05		1077.45	1397.56
10 ALLEN V. REUSTER	1	1.20	.90	.72			1400.91
11 J. F. YARNAN	1	.66	.50	.40		1077.63	1401.21
12 GRAHAM & GILBERT	1	4.40	3.30	2.64		1077.73	1401.37
13 EUREKA WATER CO.	1	33.32	24.99	19.99		1079.39	1402.47
14 NEW UNION DITCH CO.	1	13.76	10.32	8.26		1083.39	1410.90
15 BOISE VALLEY IRR. CO.	1	54.58	40.94	32.75		1085.45	1411.24
16 RIDENBAUGH & ROSSI	1	9.20	6.90	5.52		1093.64	1427.88
17 RIDENBAUGH & ROSSI (POWER)	1					1095.02	1430.18
18 DENVER & IDAHO LAND CO.	1	.80	.60	.48			
19 MARTHA BOWMAN	2	2.88	2.15	1.73		1095.14	1430.38
20 BIRE BOWMAN	2	6.40	4.80	3.84			1431.10
21 G. W. GESS	2	2.40	2.18	1.74			1432.70
22 ROBERT MCQUIRE	2	3.20	2.40	1.92			1433.42
23 C. W. COOPER	2	3.20	2.40	1.92			1434.22
24 J. W. ROWLAND	2	2.40	1.80	1.44			1435.02
25 CRAPER & WELLS	2	3.94	2.96	2.36			1435.62
26 THOMAS J. PALMER	2	1.50	1.20	.96			1436.60
27 NOAH W. PALMER	2	1.58	1.19	.95			1437.00
28 J. N. TUCKER	3	7.00	5.25	4.20			1437.39
29 THOMAS AMERICKS	3	6.00	4.50	3.60			
29A LOUISE STOMONSON	1	6.00	4.50	3.60		1096.04	1438.89
29B S. G. HARDIES & AMELIA L. LILEY	1	.80	.38	.30		1096.12	1439.01
30 J. PERRAULT & R. JOHNSON*	1	50.00	50.00	50.00			
31 WILLIAM P. KENNELLY	1	2.60	1.95	1.56		1096.51	1439.66
31A WM. MUSSER	1	2.30	1.73	1.38		1096.56	1440.23
31B MINNIE & JERRY COLZENS	1	.90	.45	.36		1096.95	1440.36
31C ALBERT C. BOWERMAN	1	1.10	.83	.66		1097.12	1440.65
32 MANVILLE & LEONARD	1	3.50	2.63	2.10		1097.65	1441.52
33 BOISE CITY CANAL CO.	1	38.95	28.95	22.83		1103.37	1451.03
34 FRANKLIN DITCH CO.	1	15.40	11.55	9.24		1105.68	1454.88
35 CANYON COUNTY WATER CO.	1	75.80	56.85	45.48		1117.05	1473.83
35A RALPH T. KNIGHT	1	1.76	1.32	1.06		1117.31	1474.27
36 MARTHA E. MCCARTHY	1	14.10	10.58	8.46	8.46	1119.43	1477.79
37 H. T. & LORA GOODMAN	1	3.70	2.78	2.22	10.68	1119.99	1478.71
38 T. T. JOHNSON	2	3.20	2.40	1.92			1479.51
39 ROSS, ALLEN, LILLEY & ROSS	3	8.54	6.41	5.12			
40 S. S. GRAY	1	1.40	1.05	.84	11.52	1120.20	1479.86
41 JOHN MANNON	3	1.90	1.35	1.08			
42 ISSAC BETAL	1	1.60	1.20	.96	12.48	1120.44	1480.26
43 FREDERICH OLE	2	3.60	2.70	2.16			1481.16
44 PRIOR BARNETT	3	8.80	6.38	5.10			
45 PIONEER DIXIE DITCH CO.	2	35.44	26.58	21.26			1490.02
46 MASON CREEK DITCH CO.	1	37.20	27.90	22.32	34.90	1126.02	1499.32
47 T. W. BOONE	3	3.50	2.63	2.10			
47A ADOLPH BAHLER	1	.80	.60	.48	35.28	1126.14	1499.52
48 W. J. HAMMING	1	2.60	1.95	1.56	36.94	1126.53	1500.17
49 FIDELITY CANAL	1	25.72	19.29	15.43	52.27	1130.39	1500.60
50 BARBER LUMBER CO.	1	2.24	1.68	1.34	53.61	1130.73	1507.16

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

TABLE SHOWING DEGREE RIGHTS (DEPART 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	60% OF DEGREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
51 THOMAS ANDREWS	3	1.30	.98	.78			
51A S. G. HARTIES & AMELIA EISLEY	1	1.00	.75	.60	54.21	1130.58	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	1.08	60.01	1132.33	1509.82
54 MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	80.23	1137.39	1518.24
55 J. F. YARYAN	1	.70	.53	.42	80.55	1137.50	1518.41
56 J. F. YARYAN	1	1.40	1.05	.84	81.49	1137.71	1518.75
57 MARY C. DAVIS	1	4.40	3.30	2.64	81.13	1138.37	1519.26
58 EDWARD M. HART	1	3.30	2.48	1.98	86.11	1138.87	1520.68
59 T. W. BOONE	3	2.20	1.65	1.32			1523.18
60 FARMER'S COOP. DITCH CO.	2	10.00	7.50	6.00			1523.75
61 EDWARD & MARY CLARK	1	2.30	1.73	1.38	87.47	1139.22	1523.85
62 JOHN GEDIL	1	.44	.33	.26	87.75	1139.29	1523.85
63 THOMAS AIKEN	1	5.20	3.90	3.12	90.87	1140.07	1525.16
64 W. H. CONWAY	1	.90	.68	.54	91.41	1140.21	1525.38
65 MIDDLETON WATER CO.	1	114.09	85.56	68.45	159.86	1157.32	1553.90
66 PERRAULT & JOHNSON (POWER)							
66A J. S. KRAUS	1	.80	.60	.48	160.34	1157.44	1554.10
66C J. S. KOLANIER	1	1.40	1.05	.84	151.18	1157.65	1554.45
66D M. T. GRIFFITH	1	.80	.60	.48	151.95	1157.77	1554.65
67 NAMPA, MERIDIAN IRRIG. DIST.	1	170.00	127.50	102.00	203.56	1183.27	1597.15
68 JOHN MAMMON	3	4.20	3.15	2.52			
69 JULIA MAMMON	3	3.36	2.52	2.02			
70 CHARLES ALLEN	3	8.80	6.60	5.28			
71 R. H. STOCKTON	3	4.40	3.30	2.64			
71A ISLAND HIGHLAND DITCH CO.	3	3.00	2.25	1.80			
72 NEW DRY CREEK DITCH CO.	1	31.22	23.46	18.79	282.45	1157.77	1604.98
73 L. MUMFORD	2	4.00	3.00	2.40			1605.98
73A GOBLE & SONGER	1	.54	.41	.32	282.77	1188.06	1606.11
74 SAITH STOCKTON	3	1.76	1.32	1.06			
75 ISHAM JOPLIN	1	2.40	1.80	1.44	284.21	1188.12	1606.71
75A C. B. FRANK	1	.916	.61	.49	284.70	1188.54	1606.92
75A ALBERT LEMP ET AL	3	3.20	2.40	1.92			
76 JOSEPH GOBLE	1	.90	.68	.54	285.34	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	1.60	1.20	.96			
77B CHARLES JORRIES	3	.34	.26	.20			
77C JAMES FINLAY	3	.80	.60	.48			
77D LESTER J. SHIPPY	3	1.30	.98	.78			1614.95
77E ROC HELMS	2	3.674	2.76	2.20			
78 ALLEN V. WEBSTER	1	.90	.68	.54	302.34	1192.06	1615.17
79 SUSIE 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. W. HUTCHINSON	1	.44	.33	.26	305.96	1193.87	1616.68
83 JOHNSON	1	.44	.33	.26	306.22	1193.94	1616.79
84 ANDREW J. JOPLIN	1	2.86	2.15	1.72	307.54	1194.37	1617.50
85 JAMES L. GRAHAM	1	2.20	1.65	1.32	309.26	1194.70	1618.35
85A LEO MARSTERS	1	1.60	1.20	.96	310.22	1194.94	1618.45
85B JACOB BINGHAM	1	1.00	.75	.60	310.82	1195.09	1618.70
85C WM HUCKBA	1	.203	.15	.12	310.94	1195.12	1618.75
85D C. H. SCHMELZER	1	.7506	.56	.45	311.30	1195.23	1618.94
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	.66	.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 DAM 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			1650.94
92 SETTLERS CANAL CO.	1	99.06	74.30	59.44	403.44	1218.25	1675.70
93 NEW DRY CREEK CO.	1	15.22	11.42	9.13	412.57	1220.54	1679.50
94 THOMAS DAVIS	1	13.40	10.05	8.04	420.61	1222.55	1682.85
95 WM. E., L. & E. YOUNG	2	4.00	3.00	2.40			1683.85
96 AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68			1685.60
97 NEW DRY CREEK DITCH	1	7.86	5.90	4.72	425.33	1223.73	1697.76
98 A. V. LINDER	1	4.00	3.00	2.40	427.73	1224.33	1698.76
99 LEVI SMITH	1	1.30	.98	.78	428.51	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			1712.94
105 FARMERS COOP. DITCH	2	50.00	37.50	30.00			1803.42
106 Nampa Meridian Irr. Dist.	1	361.94	271.46	217.16	648.95	1279.65	1805.65
106 BOARD OF CONTROL	1	8.90	6.67	5.34	654.29	1280.98	1805.66
107 CHARLES S. MILLER	1	.06	.05	.04	654.33	1280.99	1805.67
108 LAMNIS L. MOSLEY	1	.02	.015	.01	654.34	1280.99	1806.27
109 S. J. UTTER, & C. B. TAYLOR	1	2.40	1.80	1.44	655.78	1281.35	1807.77
110 SOUTH BOISE MUTUAL IRR. CO.	1	6.00	4.50	3.60	659.38	1282.25	1808.50
111 ESTATE OF J. H. GALLAGHER	1	2.94	2.21	1.76	661.14	1282.70	1808.51
112 ANNA H. FOGARTY	1	.05	.04	.03	661.17	1282.71	1808.53
113 GRACE CALL	1	.10	.08	.06	661.23	1282.73	1808.54
114 SAMUEL H. CANFIELD	1	.03	.02	.02	661.25	1282.73	1808.54
114A NEIL & PATRICK O'CONNELL	3	1.60	1.20	.96			1808.55
114B GUS A. BARTH	3	.80	.60	.48			1808.55
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	1809.06
116A S. G. HARTIES & AMELIA EISLEY	1	.84	.63	.50	662.51	1283.05	1809.24
116A ANNA SPENCER	2	.72	.54	.43			1809.26
116B WILLIS SPENCER	2	.10	.08	.06			1809.36
116C REBECCA BELL	2	.40	.30	.24			1859.36
117 PIONEER IRR. DIST.	1	200.00	150.00	120.00	782.51	1313.05	1859.91
118 W. P. CONWAY	1	2.20	1.65	1.32	783.83	1313.28	1860.04
119 THOMAS DAVIS	1	.54	.41	.32	784.15	1313.47	1864.29
120 MITCHELTON MILL DITCH	1	17.00	12.75	10.20	794.35	1316.02	1862.65
121 THOMAS ANDREWS	3	3.50	2.63	2.10			1862.65
122 SETTLERS CANAL CO.	1	73.44	55.08	44.06	838.41	1327.04	1902.65
123 THOMAS AIKEN	1	.60	.60	.48	838.89	1327.16	1903.06
124 RIVERSIDE IRR. DIST.	2	80.00	60.00	48.00			1930.56
124A W. C. CHARTERS	1	.825	.62	.50	839.39	1327.28	1930.81
125 R. H. STOCKTON	3	1.76	1.32	1.06			1930.97
126 FARMERS UNION DITCH	1	110.00	82.50	66.00	905.39	1343.78	1951.84
127 CHARLES REIN & JAMES KEOGH	1	1.00	.75	.60	905.99	1343.93	1951.97
128 MATHEW CASEY	1	.66	.50	.40	906.39	1344.03	1956.97
129 FARMERS COOP. DITCH	2	83.50	62.63	50.10			2011.74
129A H. E. PLAIN	1	.54	.41	.32	906.71	1344.12	2014.24
130 RIVERSIDE IRR. DIST.	2	20.00	15.00	12.00			2031.74
131 NEW YORK CANAL CO.	1	219.10	164.33	131.46	1038.17	1376.99	2033.12
132 CANYON DITCH CO.	2	10.00	7.50	6.00			2047.20
133 RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2047.29
134 CANYON DITCH CO.	2	5.54	4.16	3.32	1071.97	1385.45	2047.69
135 PIONEER IRR. DIST.	1	56.34	42.26	33.60	1072.18	1385.51	2047.79
136 H. E. WIMER	1	.356	.27	.21	1073.14	1385.75	2047.79
137 B. P. WEAVERLING	1	1.60	1.20	.96			2047.79
137A ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20	1073.38	1385.81	
138 WESLEY A. MACE	1	.40	.30	.24			
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	40.85	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	2928.54	4055.45	4649.10
4-1-05	PIONEER IRRIGATION DIST.	306.56	229.92	183.94	3112.48	4101.43	4725.74
4-1-05	FARMERS COOPERATIVE DITCH CO.	154.45	115.84	92.67	3205.15	4124.60	4764.35
4-1-05	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3208.39	4125.41	4765.70
4-1-08	PIONEER IRRIGATION DIST.	54.50	40.88	32.70	3241.09	4133.59	4779.32
6-1-09	UNITED STATES OF AMERICA	926.50	694.88	555.90	3796.99	4272.57	5010.94
4-1-10	RIVERSIDE IRRIGATION DIST.	63.78	47.84	38.27	3835.26	4282.14	5026.88
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".

TABLE SHOWING DECREEE 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	5026.68
1-13-11*	UNITED STATES OF AMERICA (ARROWROCK STORAGE)	8000.00					13026.86
4-1-14	RIVERSIDE IRRIGATION DIST.	17.70					13044.58

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

