

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1955**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1955

(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 1955 was the same that it has been for several years past. It includes a Chairman and Secretary, a Water-master, one Assistant for a few months during the summer, and a part-time stenographer.

The Advisory Committee, made up of nine members including the Chairman and Secretary of the 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
W. W. Rhodenbaugh

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 1955 was 1,643,972 acre feet and for the irrigation year 1,467,468 acre feet. Precipitation was quite a way below normal and the snow pack was light as of April 1. April was very wet. May and June were about normal in temperature and precipitation. Irrigation did not start in any amount until after May 10. Demand was strong from the middle of May through the entire season. The river flow went above 10,000 second feet on June 9 for 4 days. The highest flow

was 10,478 second feet on June 10 and the lowest was 554 second feet on September 10. The gates at Lucky Peak Dam were closed October 15. 1

CANAL REGULATIONS

It was necessary to begin canal regulations June 26.

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 many due to inability to properly regulate the outlet gates at Lucky Peak Dam. Mechanical difficulties and the rapid erosion of the concrete on the flip buckets were responsible for most of the fluctuations. The operating personnel at Lucky Peak were very cooperative and did all they could to hold the flow even. It was necessary

to run extra water in order to maintain a sufficient flow at all times in the lower part of the river. However, the benefit derived from the storage water from Lucky Peak far outweighed the inconvenience caused by the fluctuations.

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 411 second feet.

SECTION II

Chart 11 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 1027 second feet. A considerable amount of water from the Black Canyon project has come into this section of the river since 1950 and the return flow has now become a sufficient quantity so this section requires practically no regulation.

SECTION III

The return flow to Section III was sufficient to take care of all rights in this section during the entire season, and therefore no regulations were required. In fact, during all the years on record on the

distribution of the waters of Boise River, beginning with 1914, there has been only one year--1931--during which it was necessary to regulate diversions from this section of the river, and during that year it was not necessary to run water past the Notus Bridge to supply the rights below.

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

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

2. "A duty, if established now, should be construed to mean a head-gate duty, or duty at the point of diversion.

3. "The best information at hand today would indicate that a duty, if established, should conform very closely to the so-called 'sliding

scale', as provided in the order issued by Judge Ed. L. Bryan on May 31, 1919. That if the present law does not permit the court to render a decision on the duty of water conforming closely with the above suggestions, the 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 thirty 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, how-

ever, 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 173,838 acre feet in Anderson Ranch Reservoir, 247,560 acre feet in Arrowrock and 156,422 acre feet in Lucky Peak. Approximately 1000 second feet is being released from Anderson Ranch Reservoir for generation of power and 6000 second feet is being released from Lucky Peak Reservoir in anticipation of a very heavy 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.

COST REPORT - 1955

Watermaster Salary	\$5,400.00	
Assistant Watermaster Salary	940.50	
Car Mileage	1,007.23	
Miscellaneous	617.79	
Telephone	325.36	
Office Rent	240.00	
Stenographic Services	156.50	
Insurance	90.41	
Social Security Tax	106.76	
Snow Survey	<u>215.36</u>	
Sub-total		\$9,099.91
Services rendered by Boise Project Board of Control		\$780.00
TOTAL COSTS TO WATER DISTRICT 12-A FOR 1955		\$9,879.91

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.

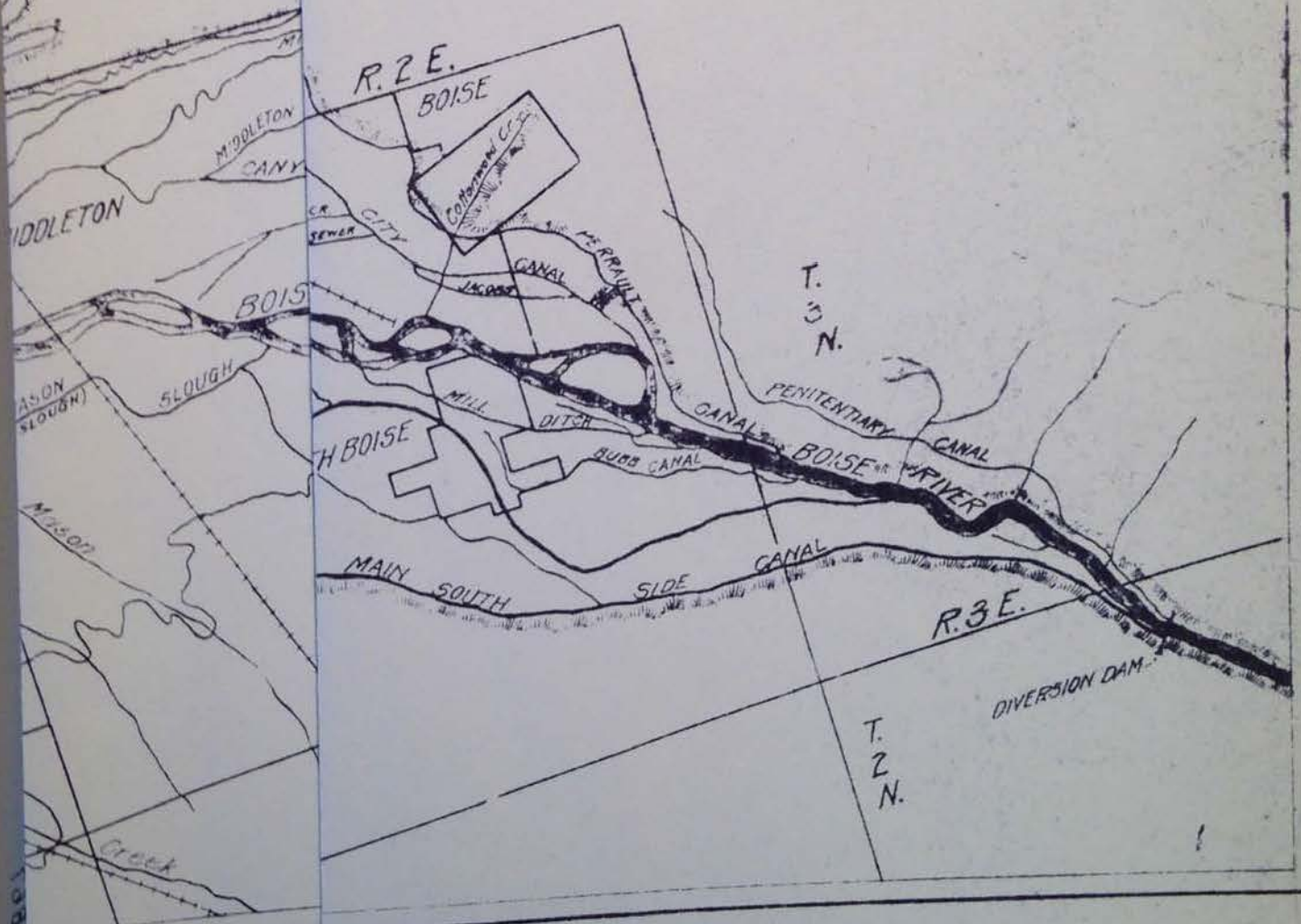
14. That mining operations within the bed of the Boise River and its tributaries should not be permitted.

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

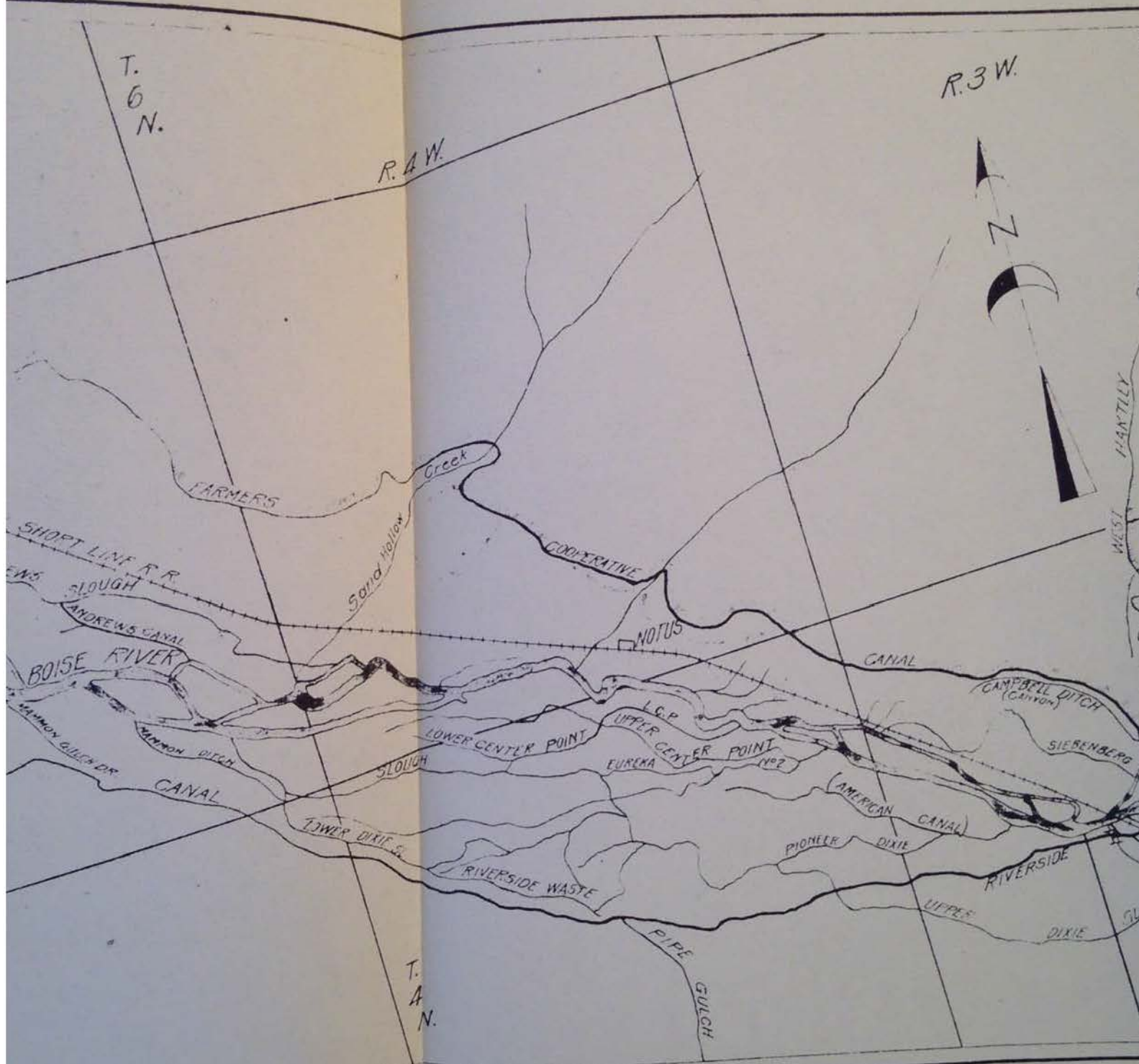


T.
A
N

T.
6
N.

R. 4 W.

R. 3 W.



SHORT LINE R.R.
SLOUGH

FARMERS

Creek

CO-OPERATIVE

NOTUS

CANAL

CAMPBELL DITCH
(CAUTION)

SIEBENBERG

(AMERICAN CANAL)

RIVERSIDE

DIXIE

PIPE
GULCH

RIVERSIDE WASTE

LOWER DIXIE

SLOUGH

LOWER CENTER POINT

UPPER CENTER POINT

EUREKA

L.C.P.

BOISE RIVER

CANAL

MINNION DITCH

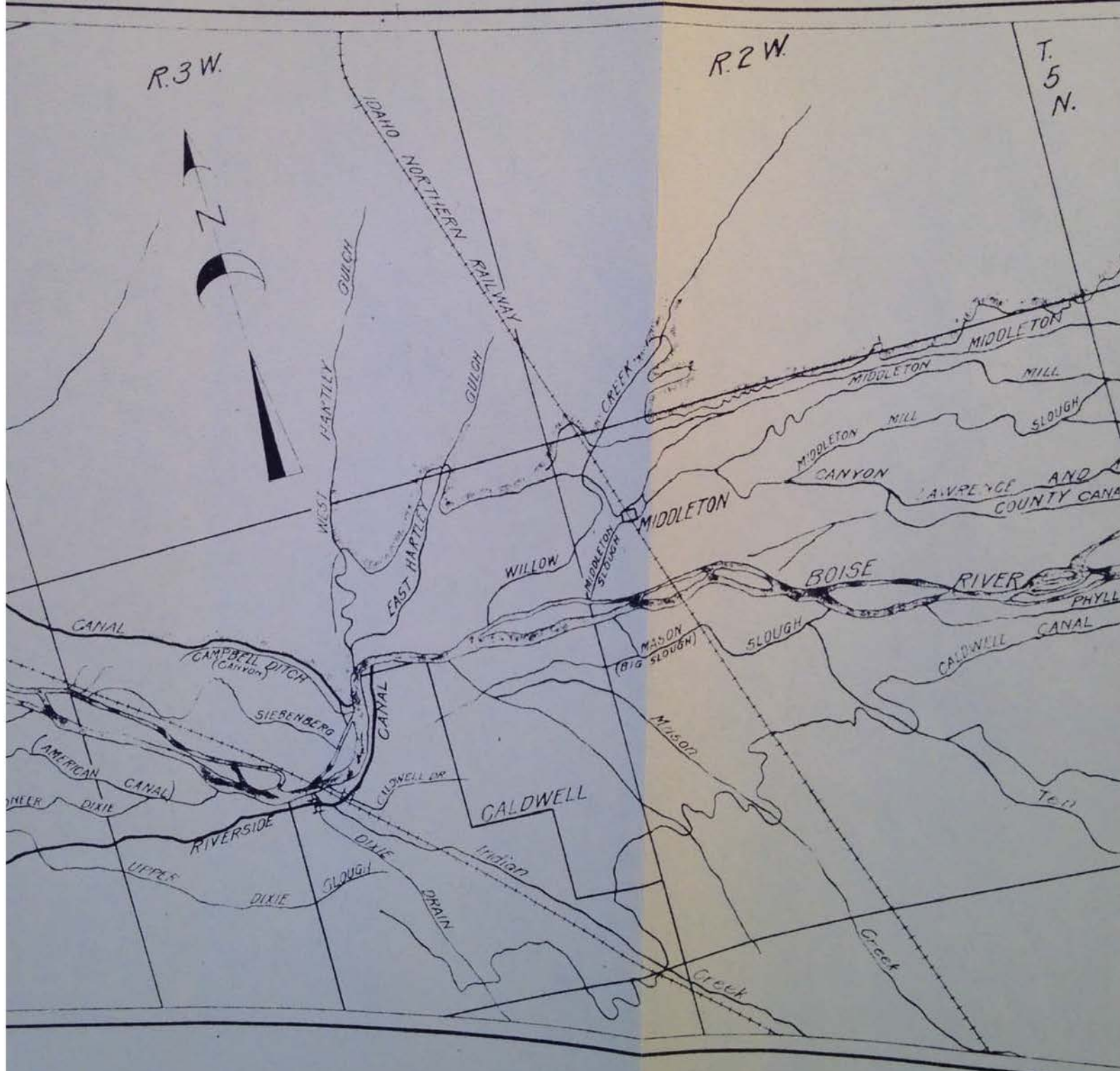
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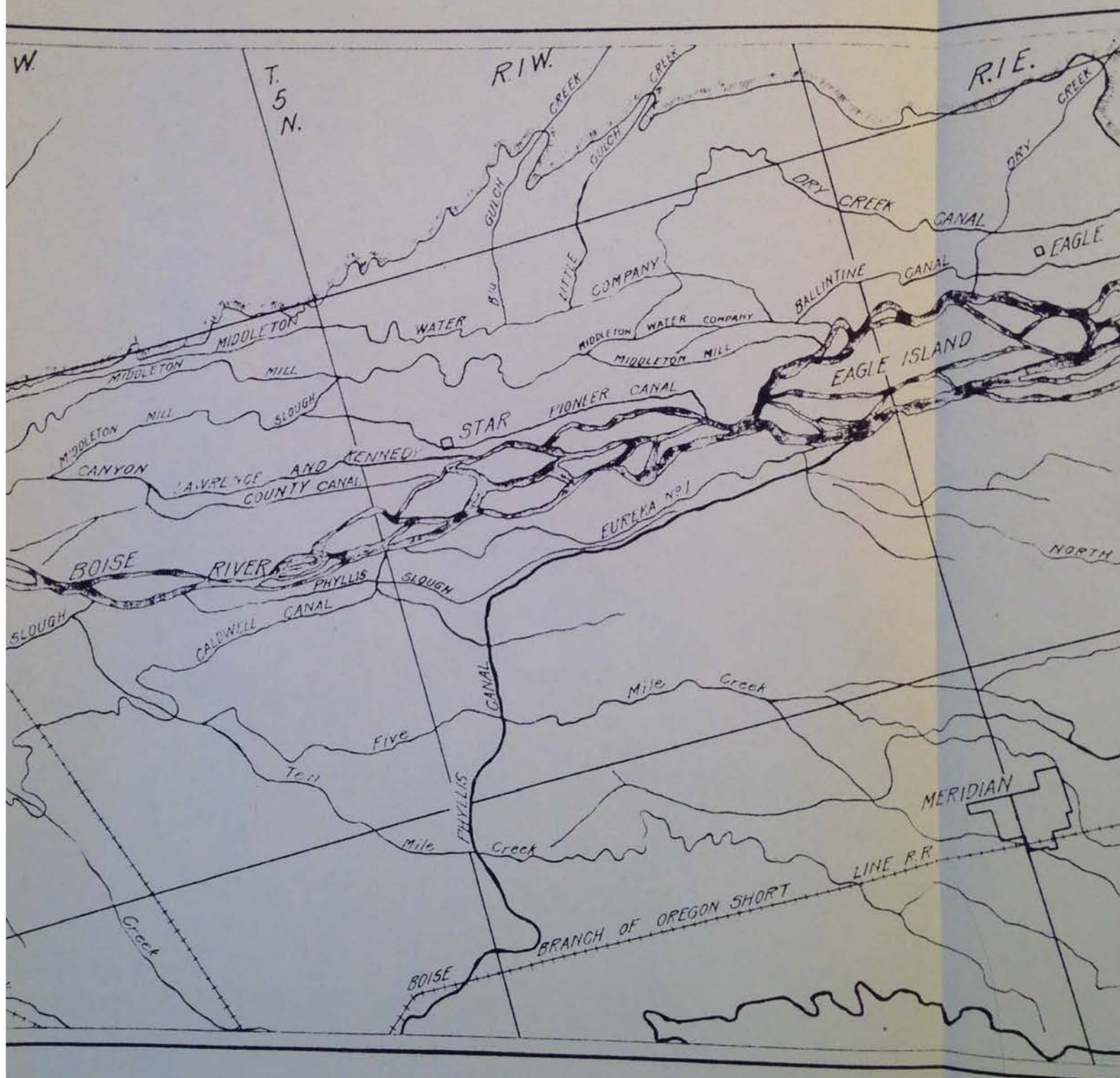
ANDREWS CANAL

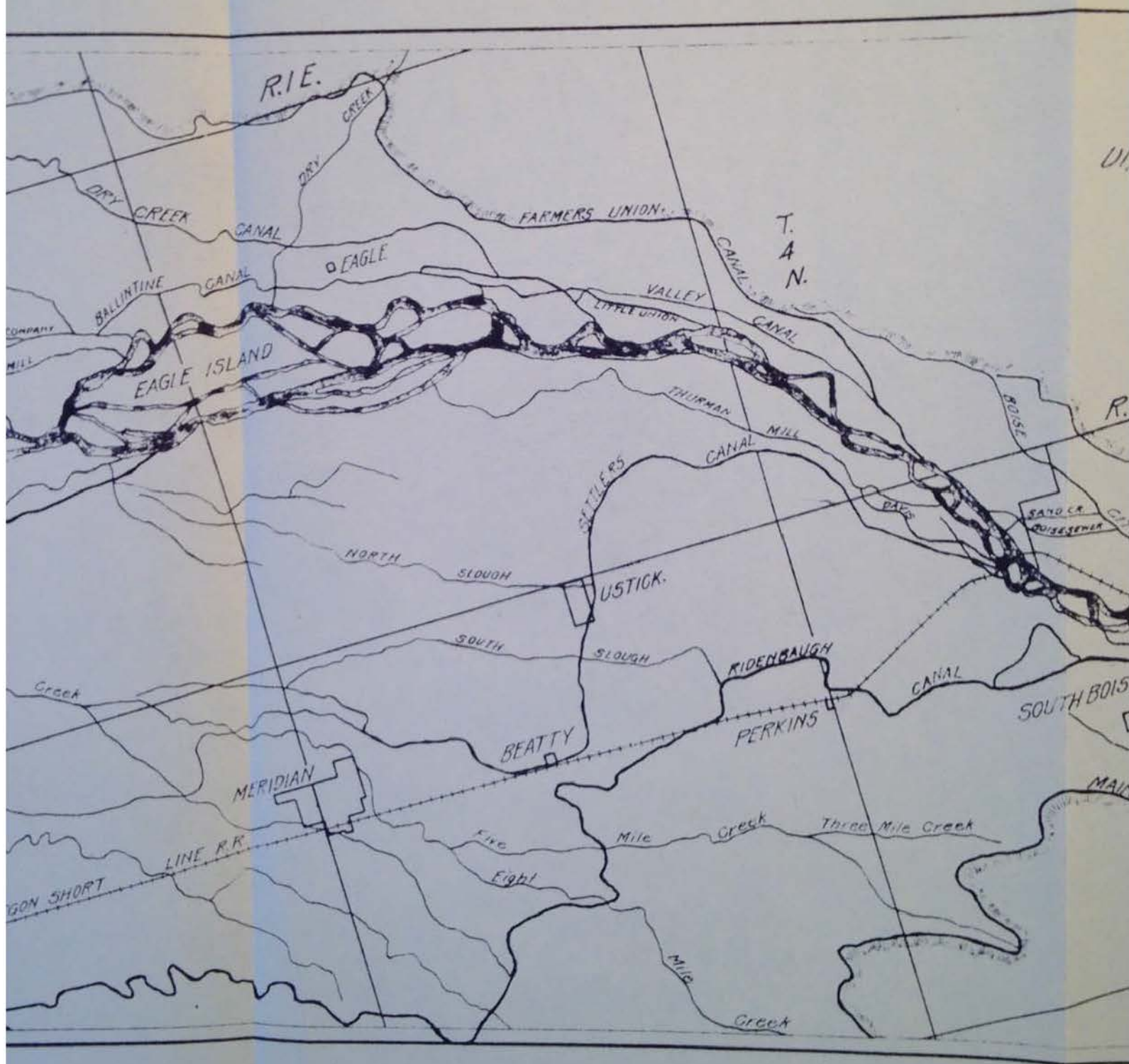
R.3W.

R.2W.

T.5
N.



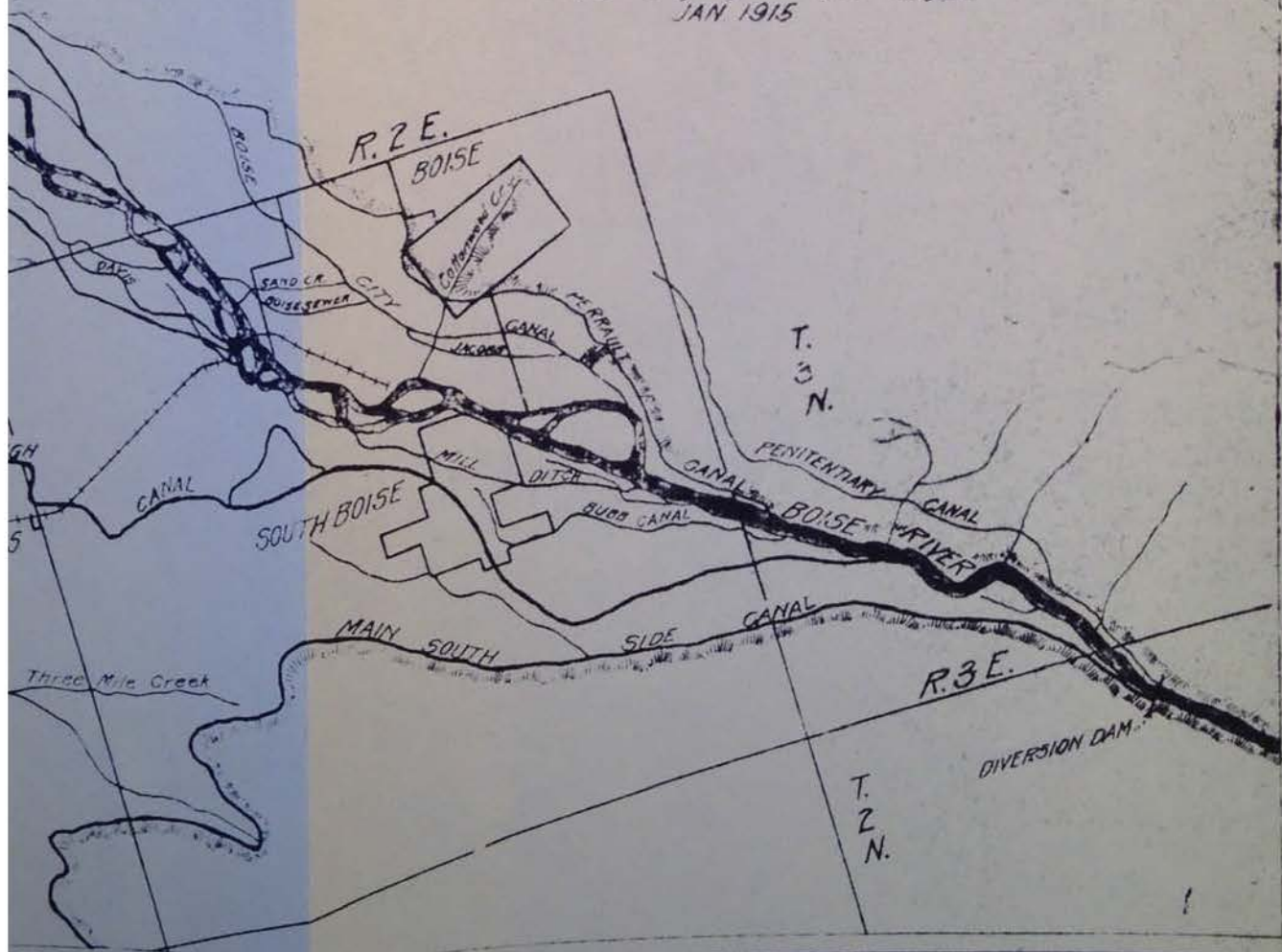




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NATURAL FLOW

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	8
1942	612	612	612	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	731	13
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1550	1636	1300	11
1944	998	895	979	759	575	685	876	673	670	671	674	676	684	688	962	934	945	10
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1205	1169	10
1946	2583	2012	2128	1723	1881	1631	1219	1544	1292	1045	1240	920	878	1057	983	866	1214	12
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052	788	753	786	7
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842	940	5
1949	866	878	818	730	730	825	800	322	861	868	773	760	777	824	830	850	841	81
1950	641	735	654	772	509	645	847	894	903	955	952	707	558	884	624	760	832	71
1951	1120	993	1241	1259	997	1017	1000	748	949	1120	1234	1188	1361	1167	1124	1230	1404	116
1952	799	526	852	469	1009	989	898	1152	1046	936	1195	1463	1735	904	1285	1544	1618	58
1953	776	694	1345	786	691	810	1165	731	1103	1275	1657	1090	1736	2377	1738	1741	1662	230
1954	809	936	940	954	954	962	997	945	910	893	860	955	911	874	846	824	831	81
1955	853	737	700	698	698	724	736	741	744	746	752	754	755	754	758	774	791	81

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	817	843	852	957	831	879	1140	1215	1100	1102	1241	1435	1460	1238	1123	1153	1093	991
1942	1198	1073	1400	1427	1432	1446	1326	1362	1271	1261	1285	1152	1118	861	997	1179	1011	892
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550
1946	1093	1162	1061	1049	1186	986	1102	1004	914	891	1026	1132	941	961	1074	1366	1261	1232
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937
1948	878	983	1021	857	836	842	747	912	727	917	666	601	670	902	970	981	917	886
1949	759	801	827	862	873	802	885	890	862	832	801	770	734	659	682	594	582	691
1950	833	747	675	1415	1134	1344	1272	1181	1267	1258	1091	990	1165	917	1112	1199	1205	1202
1951	757	835	945	1261	2237	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2105	2301
1952	900	1762	2068	1842	1607	1437	1290	1466	1611	1620	918	1342	1323	1272	921	1187	1743	1714
1953	1127	1301	1834	2664	2942	2320	2082	2300	1921	1761	1697	1535	1515	1455	1550	1329	1416	1404
1954	1482	1472	1434	1434	1347	1290	1290	1329	1329	1406	1431	1654	2038	2230	2218	2103	1966	2002
1955	614	502	451	422	495	563	734	968	962	898	795	721	718	721	725	754	823	779

NATURAL FLOW OF BOISE RIVER

CHART NO. 2-L

BEGINNING 1941

JANUARY

2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
990	622	926	1076	929	927	878	884	888	890	886	954	917	1030	1215	1172	942	811	808	911
251	841	946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281
137	1344	1519	1550	1636	1310	1100	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006
576	684	688	962	934	945	1042	827	824	822	722	730	940	627	828	823	733	748	744	752
99	902	1300	1481	1305	1169	1052	1034	1035	704	830	739	663	815	806	737	774	772	684	876
20	878	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1065
033	1074	1052	788	753	786	733	1073	1245	1132	1276	865	1113	1114	1125	1157	913	921	986	908
494	1005	866	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909
760	777	824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738
707	558	884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1237	1251	1182	1271	1019	833
168	1361	1167	1134	1230	1404	1165	1098	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	1118
463	1735	904	1285	1544	1618	581	1254	1132	974	966	1375	1249	1257	987	1452	976	1089	1109	1379
090	1736	2377	1738	1741	1662	2309	4536	3814	2852	2266	1732	1452	1546	1525	1085	1647	1698	1258	1544
955	911	874	846	824	831	862	885	897	967	942	919	1023	1023	1127	1219	1272	1327	1422	1482
754	755	754	758	774	731	805	818	815	851	846	821	826	804	752	745	740	721	738	744

FEBRUARY

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1435	1469	1238	1123	1153	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342			
1152	1118	861	997	1179	1011	892	739	753	306	1477	1051	1150	952	922	941	1079			
1359	1648	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2631	2870	2759			
785	773	785	906	1053	867	858	979	842	847	622	916	794	919	796	797	954	780		
1353	1599	3131	2857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056			
1132	911	961	1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609			
1250	2090	2423	2099	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578			
601	670	902	970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203		
770	734	659	682	594	692	691	753	792	841	846	846	871	901	916	929	945			
990	1165	917	1112	1159	1205	1202	1207	1299	1223	1221	1410	1412	1935	2020	1996	1975			
3946	3147	3254	3175	2295	2109	2301	2334	2198	1937	2059	1829	1815	1678	2314	1528	2020			
1342	1323	1272	921	1187	1743	1714	1215	1310	1183	1269	1206	1264	942	1120	949	1511	721		
1535	1516	1455	1550	1329	1416	1404	1398	1550	1008	1069	1316	1356	1257	811	1271	1116			
1654	2038	2230	2218	2103	1966	2002	1715	1663	1529	1410	1514	1627	1714	1886	1904	2120			
721	718	721	725	754	823	779	795	764	721	730	730	738	760	760	763	767			

CHART NO. 2-L

0	21	22	23	24	25	26	27	28	29	30	31	TOTAL
88	890	886	894	917	1030	1215	1172	942	811	808	911	27,130
56	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
110	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
24	822	722	730	940	827	828	823	733	748	744	752	24,706
35	704	830	739	663	815	806	737	774	772	684	876	28,135
111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
345	1132	1276	865	1119	1114	1125	1157	913	921	986	908	30,181
27	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
780	788	806	811	793	732	686	719	722	727	765	738	24,519
379	1300	1874	2235	2173	1789	1237	1251	1182	1271	1019	833	31,594
107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	1118	35,328
132	974	986	1375	1249	1257	987	1452	976	1089	1109	1379	34,200
814	2852	2366	1732	1452	1546	1525	1085	1647	1698	1258	1544	50,641
897	967	942	919	1023	1023	1127	1219	1272	1327	1422	1482	30,768
815	851	846	821	826	804	752	745	740	721	738	744	23,741

20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
753	806	1477	1051	1150	952	922	941	1079				31,581
2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
842	847	622	916	794	919	796	797	954	780			26,305
1329	1302	1115	1086	1077	1051	836	969	1056				40,062
1237	1239	1219	1257	1287	1482	1546	1607	1609				32,902
1786	1741	1834	1951	2029	1572	1832	1961	1578				43,639
1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
792	841	846	846	871	901	916	929	945				22,637
1299	1223	1221	1410	1412	1935	2020	1996	1975				35,705
2168	1937	2059	1828	1815	1678	2314	1528	2020				63,068
1310	1183	1269	1206	1264	942	1120	949	1511	721			38,754
1550	1008	1069	1316	1356	1257	811	1271	1116				44,260
1663	1529	1410	1514	1627	1714	1886	1904	2120				46,637
764	721	730	730	738	760	760	763	767				20,223

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	1678	1858	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1272	1495	1480	1218	1384	1712
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1208	1103	1593	1652	1860	1479	1688	1527	1468
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	661	1156	1442
1945	903	1024	1056	1012	816	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519
1946	1733	1580	1379	1595	1565	1948	1957	2033	2090	2342	2000	3811	4148	4131	3566	3217	2843	2526
1947	1651	1539	1661	1803	1607	1600	1312	1485	1118	1844	2758	2251	2114	2004	2490	2946	3095	3940
1948	1087	1173	1121	1056	966	976	973	994	927	978	994	1005	1015	1087	1060	1126	1145	1137
1949	1113	1343	1606	1746	1823	1874	1915	1912	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890
1950	2698	2310	2377	2328	2154	2618	2476	2333	2750	2232	1925	1679	1486	1615	1505	1502	2181	3680
1951	1694	1714	1419	1608	2076	1084	1520	1110	995	1322	1138	1412	1368	1360	1491	2022	1527	1587
1952	1276	1325	916	1271	956	864	668	1288	1202	1187	1670	901	1329	853	1346	1688	1028	1861
1953	1423	1403	1427	1099	1394	1165	1474	976	1628	1622	1895	1871	2153	1965	1655	1796	1786	1337
1954	1774	1611	1518	1518	1427	1321	1754	1924	3798	5880	5016	4112	3737	2692	2544	2454	2946	2226
1955	760	812	673	913	1005	1026	994	993	969	912	859	821	805	764	779	819	833	638

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3466	3201	3339	3509	3396	3665	3364	3243	29
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6061	7073	8215	8731	9411	8204	6527	6620	60
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	233
1944	1584	1786	2125	2665	2726	3114	2693	2599	2622	2605	2376	3042	3326	2841	2721	2302	2377	2310	20
1945	2671	2430	2242	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	34
1946	6008	4982	4552	4717	4841	5215	6160	6164	6222	5947	5216	5919	7556	10216	12352	13581	14780	17389	186
1947	4810	4145	4006	3747	3576	3468	3305	3129	2984	2778	2635	2907	3063	3230	4470	5633	6148	6379	64
1948	1740	2024	2660	2967	2723	2292	2269	1957	1837	2190	2201	2152	2155	2437	2518	3724	5472	16555	852
1949	2433	2670	3339	3556	4184	5078	5780	5966	6176	6527	6860	7876	7761	8943	5790	5856	7130	7765	941
1950	2888	3787	4626	1125	4107	3894	4251	4659	5177	4867	5831	5720	6521	7446	7513	7141	8013	6715	928
1951	3624	3474	4934	5892	7194	8125	9860	10722	10962	10861	10650	9941	9844	11505	11254	13094	10778	11156	1161
1952	3257	3410	3389	3710	4755	6639	8222	9276	7782	6988	6943	7144	8421	9827	10983	9842	10395	12428	1496
1953	4682	3871	3824	4380	4381	4103	4956	3346	3502	3669	2958	2560	2634	2480	1840	2636	2255	3181	390
1954	1904	1625	1758	2259	3169	4883	5109	4388	4362	4285	4049	4072	4879	6936	7451	7233	7499	9196	1006
1955	1161	1221	1221	1230	1285	1641	1927	2300	2080	2297	2591	2482	2364	2264	2054	1886	1821	1952	210

CHART 2-4

MARCH

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	1480	1318	1381	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
	1479	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1960	2250	43,902
	3899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
	1012	681	1156	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
	1707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,500
	3566	3217	2643	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
	2490	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
	1060	1126	1145	1137	1121	1086	1063	1001	1117	1133	1421	1342	1344	1381	1543	2076	2080	36,698
	2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
5	1505	1502	2181	3680	4755	3658	3185	3006	2879	2729	2772	2856	2715	2552	2323	1969	2237	77,279
0	1491	2022	1527	1567	1719	1817	1816	2533	2602	2415	2518	3130	2454	4455	4220	3470	3782	64,079
3	1348	1688	1028	1861	1725	1653	1838	2779	2086	1330	810	2856	2991	3509	3384	3961	2586	53,141
5	1655	1796	1786	1337	1793	1977	1871	1495	2015	1876	2659	2967	2939	2966	3409	3928	5376	63,355
2	2544	2454	2346	2226	2219	2014	2091	2050	1988	1943	1880	1942	2143	2397	2149	2104	2086	74,858
4	779	819	833	838	850	851	781	742	817	817	852	894	992	1061	1102	1134	1158	27,846

APRIL

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429			94,150
9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353			170,811
21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13618	12110	11161	14952	13643			503,266
2721	2302	2377	2310	2015	2274	2185	2848	2613	2821	3624	3471	3330	3282	3712	4231			82,000
2296	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622			101,184
12352	13521	14780	17389	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167			319,902
4470	5633	6148	6379	6440	6284	6171	6313	6123	6002	5480	5356	5760	6191	6991	7300			144,699
2518	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5185			132,212
5790	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046			208,274
7513	7141	8013	8713	9288	8968	9687	11164	11175	11063	8717	8276	7747	7186	6576	6012			204,893
11254	13094	10778	11156	11617	11612	9103	9634	8658	7951	8088	7476	7865	8281	11574	11017			276,856
10983	9842	10395	12428	14861	14611	12836	12801	13075	13849	16380	16536	22122	23239	21444	18794			335,949
1840	2636	2255	3181	3909	3581	6259	7202	9882	9941	10534	9021	9668	11656	12779	9568			165,098
7451	7233	7499	9196	10069	9628	8428	8032	8010	8131	8461	8924	8890	9496	9340	8555			191,021
2054	1886	1821	1952	2105	2166	2375	2690	2892	3215	2826	2489	2241	2489	2624	2802			64,911

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5127	7386	8408	7496	6193	5543	5536
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815
1943	13118	14472	15282	15085	15650	14752	21884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009
1944	4472	4415	3900	3741	3793	4412	5143	5800	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208
1946	11798	10583	10259	10837	12416	13481	12844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056
1948	4839	4538	3728	4393	4204	4307	5353	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024
1949	8043	7824	7289	6740	6507	6212	6294	7196	8178	9129	9835	10188	11441	11785	12313	12729	11484	11045
1950	5296	6068	5497	6494	5131	5004	4335	4258	5085	4557	5345	5562	6933	9553	11897	13385	13675	12924
1951	9164	8318	7239	7238	7299	8201	9732	12301	11580	12087	12460	13367	12371	10540	11714	8739	9745	10377
1952	14338	14047	16513	18001	18954	15799	16476	15533	15390	15081	14556	13358	16047	16502	16169	14231	12343	11652
1953	7935	6442	5512	5136	4791	6975	7413	8286	7592	6106	6086	5339	5084	5266	5493	5817	6208	7529
1954	7364	6445	5803	6282	6125	8165	8936	9704	10855	11776	13308	12853	11978	11087	9993	10824	11422	12411
1955	3286	3601	4040	4105	4134	5011	6697	7086	8417	8309	7939	7918	7917	7326	6984	5892	4734	4318

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6100	6171	6105	6822	6402	5525	5420
1943	15587	14754	12962	11286	10258	9909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	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	7164	9114	10131	9775	8965	8249	7785	7505	7573	6965	6209	6199	6482	6365	5913	5539	5244
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4395	4743	4539	4785	4962	8051	5334
1948	10513	10900	11606	12316	11286	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	3728
1950	10066	10139	10220	10932	10648	10879	11713	11063	9479	8073	7511	8098	8915	7834	8115	8634	9085	9759	8926
1951	9487	8497	7265	6970	6227	7755	6914	6277	5708	5396	5479	6034	7203	7536	8584	9851	10513	9960	9533
1952	12410	11936	11735	13212	13470	13830	13581	13783	12050	12664	10948	10452	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	4115	4803	4695	4456	4422	4339	4657	4615	4424	4644	5219	6412	6807	5971	5393
1955	6794	6665	6080	6046	6573	7172	8291	9501	10435	10478	10018	10212	9799	9361	7923	7971	6687	6108	5760

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	4890	5166	5018	5531	5646	5678	4968	4609	4612	4308	4367	5127	7386	8408	7496	6193	5543	5536
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815
1943	13119	14472	15282	15085	15650	14752	21584	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009
1944	4472	4415	3900	3741	3793	4412	5143	5800	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208
1946	11798	10583	10259	10837	12416	13481	12844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056
1948	4839	4538	3728	4393	4204	4307	5353	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024
1949	8043	7824	7289	6740	6507	6212	6294	7196	8178	9129	9835	10188	11441	11785	12313	12729	11484	11045
1950	5296	6068	5497	6494	5131	5004	4335	4258	5085	4557	5345	5562	6933	9553	11897	13385	13675	12924
1951	9164	8318	7239	7238	7299	8201	9732	12301	11580	12087	12160	13367	12371	10540	11714	8739	9745	10377
1952	14338	14047	16513	18001	18954	15799	16476	15533	15390	15081	14556	13358	16047	16502	16169	14231	12343	11652
1953	7935	6442	5512	5126	4791	6975	7413	8286	7592	6106	6086	5339	5084	5266	5493	5817	6208	7529
1954	7364	6445	5803	6282	6125	8165	8936	9704	10855	11776	13308	12853	11978	11087	9993	10824	11422	12411
1955	3246	3601	4040	4105	4134	5011	6697	7088	8417	8309	7939	7918	7917	7326	6984	5892	4734	4318

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	5676	5273	4713	4985	5028	4865	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8457	7225	6100	6171	6105	5822	6402	5525	5420
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11671
1944	5751	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	5539	5244
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4395	4743	4539	4785	4962	8051	5334
1948	10513	10900	11606	12316	11286	11163	11210	10962	10860	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	3728
1950	10066	10139	10220	10932	10648	10879	11713	11063	9479	8073	7511	8098	8915	7834	8115	8634	9085	9759	8926
1951	9487	8497	7265	6970	6227	7755	6914	6277	5708	5396	5479	6034	7203	7536	8584	9851	10513	9960	9533
1952	12410	11938	11735	13212	13470	13830	13581	13783	12050	12664	10948	10452	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	4115	4803	4695	4456	4422	4339	4657	4615	4424	4644	5219	6412	6807	5471	5393
1955	6794	6665	6080	6046	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760

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	3815	3906	3693	4044	4664	6595	9166	8745	10606	10690	8987	7899	6931	6560	162,838
8131	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	151,60
8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6452	6932	7120	236,573
806	9563	9170	9087	9537	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
8173	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	449,787
5084	5266	5493	5817	6208	7529	7120	9541	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	5763	5228	4974	298,066
7917	7326	6984	5892	4734	4318	4549	5889	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712	158,635

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	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
6100	6171	6105	6822	6402	5525	5470	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	3606	3689	3732	3741	3684	3228	3001		123,863
6696	6727	6164	5678	5343	5416	5806	6460	7051	7319	7317	7137	6538	6633	5948	5117	4311	3963		202,958
6209	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3468	3540	3407		189,412
1395	4743	4539	4785	4862	5051	5334	5103	4813	4215	3548	3683	3798	3631	3738	3439	2971	2842		148,619
9047	8398	7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4162	4086	3875	3657	3476		220,853
6908	6266	5531	4828	4980	4145	3728	3705	3597	3301	3091	3292	3073	3074	2560	2558	2418	2328		150,554
8615	7834	8115	8634	9085	9794	8026	9710	9794	10313	10051	8979	7663	6895	5212	6531	7034	8135		270,405
7203	7536	8584	9851	10513	9966	9533	8704	8506	7928	7135	6406	6370	5833	6263	5806	5649	5651		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	6372	6267	9415	9046	7988	6975	6975	6805	7246		291,782
4424	4644	5219	6412	6807	5471	5393	5339	5530	6370	6893	7728	7691	7579	9807	8406	6267	6387		171,559
9799	9361	7923	7971	6687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4004		209,580

CHART NO. 2-N

19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	162,668
3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,838
5906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
5688	5076	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
5601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6452	6932	7120	236,573
0750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
1750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
1133	10828	10219	9157	8361	8248	7608	8249	8084	9373	9402	9520	9017	283,431
2287	9602	8307	10851	12138	12535	13021	11443	11009	11542	11799	11588	11627	279,748
1258	11542	11650	11353	12580	12793	13796	12825	12596	13931	14035	12879	10811	344,921
2801	12544	13861	13676	12967	11778	13056	14007	15740	13838	14449	13520	12560	449,787
7120	9544	9170	7865	7045	6758	5485	5115	4725	4821	8049	6183	6898	201,788
12226	13404	14699	13747	11000	9763	9044	8390	7863	6614	5783	5228	4974	298,066
4549	5689	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712	198,635

19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
11871	12584	11249	10070	10855	10635	9768	9435	9483	9715	9920	9755		313,877
3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
5806	6460	7091	7319	7317	7137	6538	6633	5948	5117	4311	3963		202,998
5244	5054	5103	5241	4827	5035	4566	3994	3917	3468	3540	3407		189,412
5334	5103	4813	4215	3548	3663	3798	3631	3738	3439	2971	2842		148,619
5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
3728	3705	3597	3301	3091	3292	3073	3074	2960	2558	2418	2328		150,554
8026	9710	9794	10313	10051	8978	7663	6895	5212	6531	7034	8135		270,405
9533	8704	8506	7928	7125	6406	6370	5833	6263	5806	5949	5691		219,788
5654	6755	6336	5380	5598	5239	5328	5419	5276	5236	4724	5238		259,400
12700	11478	10079	6372	9267	9415	9046	7988	6975	6975	6895	7246		291,782
5393	5339	5530	6370	6843	7728	7691	7579	9807	8406	6267	6387		171,559
5760	5810	6345	6853	6163	6245	5718	4168	4196	3926	3926	4004		209,580

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	3084	2814	2736	2424	2238	2108	2075	1899	1811
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5906	5338	5040	5053
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1857	1658	1642	1590	1519	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	2365	2246	1949	1915	1811	1658
1947	2727	2594	2681	2701	2632	2476	2407	2450	2533	2120	2258	2132	1840	1871	1856	1816
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1736	1500	1565
1949	2345	2243	2200	2079	2070	2094	2268	2117	1900	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	2560	2432	2283	2303	2361	2751	2133	2506	2465	2116	2312

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	809	830	8
1942	1051	1009	1000	1009	967	972	930	893	929	862	878	784	756	742	745	729	6
1943	2477	2514	2409	2330	2308	2173	2044	1875	1856	2060	1656	1539	1630	1644	1636	1618	15
1944	1012	1000	1042	1027	1002	956	859	783	814	790	770	767	687	650	619	638	6
1945	1063	1020	1077	1025	961	978	949	1246	915	915	970	924	912	882	814	795	7
1946	1283	1251	1282	1219	1224	1116	1099	1089	1088	963	934	931	856	854	811	847	8
1947	1040	1022	973	900	909	872	838	748	790	737	721	714	644	654	663	672	6
1948	870	957	887	823	745	684	935	836	848	825	848	859	792	745	734	737	7
1949	838	785	764	646	564	604	587	571	625	625	608	662	707	727	767	764	8
1950	1656	1530	1525	1401	1582	1840	1590	1597	1274	1350	1471	1447	1300	1400	1136	1127	10
1951	1515	1605	1521	1630	1721	1769	1389	1309	1260	1341	1150	1379	927	1130	968	867	9
1952	1300	2104	1336	1564	1181	1213	1262	1487	1344	1243	1214	1188	998	1393	1495	805	8
1953	1536	1670	1617	1409	1502	1490	1432	1230	1207	1197	1105	1105	1103	1102	1228	1123	11
1954	1337	1312	1238	1240	1200	1192	1129	1206	1204	1180	1151	1134	1134	1141	1170	1180	11
1955	1282	1188	1107	971	955	864	993	930	942	994	1000	983	934	902	933	911	9

JULY

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1296	1213	1239	1233	1251	1217	1219	1147	1113	1090	1041	994	966	947	900	891	1141	107
2238	2108	2075	1899	1811	1790	1656	1591	1530	1473	1450	1417	1356	1337	1280	1290	1158	116
6508	5906	5339	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	314
1658	1642	1590	1519	1482	1511	1455	1401	1317	1284	1347	1321	1293	1251	1259	1179	1149	111
2409	2555	2355	2179	2136	2081	1791	1789	1709	1623	1644	1504	1535	1447	1328	1282	1212	120
2246	1949	1915	1811	1698	1687	1744	1645	1532	1456	1553	1504	1382	1342	1286	1333	1380	141
2132	1840	1871	1856	1816	1783	1801	1678	1494	1436	1402	1356	1253	1209	1146	1140	1105	100
1818	1814	1736	1500	1565	1577	1467	1354	1350	1365	1348	1296	1181	1125	1020	920	914	969
1663	1639	1500	1431	1360	1295	1296	1155	1083	1083	1080	1099	1043	973	927	925	945	930
4039	3874	3507	3215	3369	3035	2818	2518	2402	2319	2270	2040	2003	1953	1902	1736	1862	1755
3409	3003	2998	2845	2941	2681	2766	2443	2407	2338	2136	2153	1912	1688	1946	1715	2222	1676
3534	3350	3127	2507	2564	2220	2354	2504	2121	2195	1904	2106	1990	1964	1658	1702	1727	1595
5022	4683	4618	4453	3795	3274	3260	2872	2699	2313	2436	2277	2097	2154	1909	1883	1881	1785
3120	2958	2706	2848	2893	2686	2509	2463	2045	1967	2100	1813	1838	1833	1802	1693	1692	1664
2133	2506	2465	2116	2312	2027	2196	1563	1824	1660	1616	1597	1624	1628	1422	1295	1371	1444

AUGUST

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1339	1262	1140	809	839	852	890	1240	962	832	879	800	714	860	776	781	787	749
764	756	742	745	729	674	688	648	611	596	625	597	623	626	596	605	568	578
1539	1630	1644	1636	1619	1564	1521	1514	1457	1400	1366	1315	1304	1280	1278	1244	1234	1211
767	687	650	619	638	631	634	626	616	581	542	536	547	534	523	529	518	537
926	912	882	814	799	769	750	759	726	727	710	714	720	679	646	623	584	588
901	896	853	844	847	814	764	753	780	735	768	802	804	635	861	868	876	874
714	644	654	663	672	637	619	613	589	579	586	569	555	586	567	546	521	510
859	792	745	734	737	758	742	723	679	690	670	679	654	660	677	667	652	644
662	707	727	767	764	828	831	763	718	654	611	594	572	560	551	566	544	539
1447	1300	1400	1136	1127	1017	1026	949	1001	994	1019	945	1009	1094	893	863	960	801
1379	927	1130	968	867	817	1110	825	759	841	1061	1072	835	1197	994	933	806	840
1188	998	1393	1495	805	823	1074	943	1015	1137	960	1305	992	532	572	850	904	633
1105	1103	1102	1221	1193	1190	1049	1056	1075	1095	1115	1035	1035	930	924	924	993	994
1134	1144	1141	1170	1180	1158	1055	996	995	931	1016	1009	1072	997	893	906	884	903
983	934	902	933	911	902	859	850	839	962	977	946	848	797	721	705	711	733

CHART NO. 2-0

19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1147	1113	1090	1041	994	966	947	900	891	1141	1079	1040	920	41,666
1591	1530	1473	1450	1417	1356	1337	1280	1290	1158	1161	1151	1045	68,726
4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
1401	1317	1284	1347	1321	1293	1251	1259	1179	1149	1118	1029	1024	53,191
1789	1709	1623	1644	1504	1535	1447	1328	1282	1212	1209	1232	1191	69,904
1645	1532	1456	1553	1504	1382	1342	1286	1333	1380	1414	1356	1285	63,597
1678	1494	1436	1402	1356	1253	1209	1146	1140	1105	1006	1052	1092	57,047
1354	1350	1365	1348	1296	1181	1125	1020	920	914	969	968	864	53,489
1155	1083	1083	1080	1099	1043	973	927	925	945	930	894	878	45,949
2518	2402	2319	2270	2040	2003	1953	1902	1736	1862	1755	1678	1559	120,856
2443	2407	2338	2136	2153	1912	1688	1946	1715	2222	1676	2212	1541	97,845
2504	2121	2195	1904	2106	1990	1964	1658	1702	1727	1595	1745	1668	86,232
2872	2699	2313	2436	2277	2097	2154	1909	1883	1881	1785	1593	1679	127,172
2463	2045	1967	2100	1813	1838	1833	1802	1693	1692	1664	1442	1369	89,478
1563	1824	1660	1616	1597	1624	1628	1422	1295	1371	1444	1444	1424	65,969

	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
90	1240	962	832	879	800	714	860	776	781	787	749	724	686	26,603
58	648	611	596	625	597	623	626	596	605	568	578	593	603	23,487
21	1514	1457	1400	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,878
34	626	616	581	542	536	547	534	523	529	518	537	539	503	21,842
50	759	726	727	710	714	720	679	646	623	584	586	590	588	25,658
54	753	780	735	768	802	804	835	861	868	876	874	834	829	29,187
19	613	589	579	586	569	555	586	567	546	521	510	553	598	21,525
42	723	679	690	670	679	684	680	677	667	652	644	636	628	23,529
31	763	718	654	611	594	572	560	551	566	544	539	556	541	20,262
26	949	1001	994	1049	945	1009	1094	893	863	960	801	730	724	37,251
10	825	759	841	1061	1072	835	1197	994	933	806	840	766	971	35,348
74	943	1015	1137	980	1305	992	532	572	850	904	633	372	1099	34,368
118	1056	1076	1055	1115	1035	1035	939	924	924	993	994	989	855	36,447
555	996	995	931	1016	1009	1072	997	893	906	884	903	863	809	33,708
850	850	839	962	977	946	848	797	721	705	711	733	786	739	28,271

SEPTEMBER

YEAR	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	650	653	642	669	649	742	747	740	737
1942	617	631	604	595	598	598	553	524	515	500	530	554	592	624	632	638	623	623
1943	1173	1175	1155	1130	1132	1079	1040	1022	1043	957	922	914	902	917	926	889	862	817
1944	476	473	485	551	571	627	650	643	645	603	562	567	517	504	487	456	477	474
1945	610	613	606	604	565	586	584	577	609	569	575	611	570	514	563	557	579	580
1946	934	741	722	720	681	710	724	714	865	865	824	778	717	695	654	661	670	725
1947	553	614	596	570	625	590	545	610	517	645	652	640	704	705	686	656	637	601
1948	621	612	606	610	616	623	616	620	620	559	560	670	630	603	592	581	595	507
1949	1544	545	525	513	490	414	437	431	450	524	541	613	639	621	637	568	576	557
1950	811	711	621	643	504	510	496	541	1024	1753	1077	921	756	584	932	513	836	804
1951	756	581	1034	1017	775	717	704	623	765	648	643	613	602	504	596	546	735	604
1952	674	711	1072	1001	600	697	612	321	630	655	674	743	716	2173	1067	756	1032	587
1953	885	962	976	943	934	867	813	803	850	843	823	811	811	801	800	770	725	729
1954	757	742	714	683	679	637	635	617	576	628	644	699	697	664	773	774	754	845
1955	709	631	674	569	558	609	575	561	575	574	663	663	663	549	604	608	586	741

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	716	654	674	665	671	724	752	757	732	715	591	676	763	801	618	802	2513	1754	1766
1942	567	748	645	562	697	605	650	684	455	501	459	605	740	744	814	563	683	714	642
1943	656	761	752	839	675	450	1043	864	845	786	907	1228	940	1122	939	927	1105	876	1012
1944	571	583	702	630	554	716	635	636	549	646	652	635	617	611	652	642	621	607	673
1945	353	745	778	774	726	715	715	727	581	601	570	773	696	542	865	740	689	777	846
1946	672	1566	1714	1217	1151	974	940	1004	1013	975	961	991	931	898	932	865	905	512	995
1947	536	646	559	703	619	638	645	613	632	876	903	947	941	671	777	822	2133	1453	1233
1948	631	615	536	601	715	779	728	755	791	617	698	742	742	750	740	751	778	743	710
1949	513	562	575	793	753	948	943	896	835	560	606	840	858	813	827	851	825	834	746
1950	1349	1161	967	968	1327	945	1027	1097	1056	1262	1146	973	950	630	967	671	971	971	971
1951	919	1440	1748	1285	992	1114	1240	1236	691	918	1358	808	1352	1521	941	1751	1485	560	1347
1952	645	583	1315	748	554	548	1020	715	1177	563	603	793	404	802	948	837	747	966	776
1953	701	682	673	665	635	676	694	795	683	867	581	854	766	630	931	955	941	922	971
1954	732	733	736	736	742	757	791	806	833	841	863	873	884	854	906	995	1054	1004	996
1955	684	639	621	702	782	793	793	842	815	860	931	922	916	922	863	868	865	876	875

SEPTEMBER

11	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
549	742	747	743	727	686	599	710	726	726	728	729	731	727	711	714	715		20,656
521	632	638	623	623	601	620	635	652	666	615	604	572	557	575	536	544		17,670
517	526	589	502	517	793	787	754	828	858	840	851	815	850	874	882	859		26,049
505	487	475	477	474	517	606	663	707	689	672	658	636	624	630	620	561		17,384
514	563	557	578	586	624	630	644	691	629	675	951	963	782	675	681	656		19,573
575	654	661	670	725	793	857	853	863	869	852	827	783	742	681	682	681		22,967
705	686	656	637	551	636	627	636	637	615	617	617	615	552	594	582	590		15,604
503	592	581	585	587	495	474	501	483	504	539	562	590	725	757	806	760		17,873
521	637	598	596	957	502	505	489	474	485	503	508	507	503	465	472	534		15,567
581	902	813	836	804	841	850	846	764	715	712	678	700	750	801	852	938		24,632
604	596	606	736	609	534	348	635	358	729	717	771	833	734	524	706	512		21,275
2173	1067	756	1132	687	716	1311	1000	613	823	525	825	356	1466	1050	576	592		25,554
801	800	775	725	729	756	754	773	622	783	774	708	551	506	504	604	617		23,814
604	773	774	754	849	671	824	793	723	685	682	753	660	650	625	653	711		21,182
595	604	608	586	711	824	643	725	693	698	651	804	821	862	844	768	745		20,397

OCTOBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
801	648	942	2511	1754	1566	1420	1187	922	936	850	894	863	958	909	675	1000	871	31,500
744	844	563	843	719	692	895	720	761	720	760	651	626	732	792	737	835	699	21,282
1122	939	927	1135	876	1012	863	1121	1064	1085	1054	1188	1148	1232	1264	1460	1451	1301	30,901
611	652	642	621	607	673	632	598	664	671	674	693	659	958	430	669	638	718	20,414
542	865	746	680	777	846	792	814	538	768	777	776	785	800	781	802	813	924	22,911
808	932	865	995	510	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
871	777	822	2138	1253	1233	1063	981	1002	977	947	915	850	813	954	995	1113	1120	28,122
750	748	751	778	783	790	781	792	727	738	741	735	726	734	675	686	685	735	22,321
813	827	851	825	834	746	748	753	812	826	825	852	818	642	689	752	835	780	24,612
930	967	971	971	971	971	971	971	974	973	972	972	991	1158	1274	1525	1685	1832	33,760
1581	941	1751	1485	565	1347	1924	1634	513	702	1189	1316	1347	1594	2001	1125	1178	1302	38,636
892	948	837	747	960	779	863	795	1325	1016	743	807	592	862	1259	1335	621	461	25,892
930	931	935	941	922	974	972	956	501	760	727	896	898	858	735	783	731	683	24,928
854	906	995	1054	1004	996	973	872	809	821	803	799	863	642	852	861	852	623	26,366
102	893	888	895	878	875	837	842	798	798	792	805	805	1009	1112	812	848	876	25,311

	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
729	686	689	710	726	726	728	729	731	727	711	714	715		20,656
823	682	680	635	652	666	615	604	572	557	575	536	544		17,670
817	703	747	759	826	858	840	891	815	850	874	882	896		26,049
821	547	606	663	707	689	672	658	630	624	630	620	567		17,384
820	624	630	644	691	629	675	951	963	782	675	681	656		19,573
825	727	657	813	863	789	852	827	783	712	681	682	681		22,967
826	636	629	606	607	615	617	617	619	562	564	582	590		18,604
827	828	471	501	483	504	539	562	590	725	757	806	760		17,873
828	548	505	461	471	485	503	506	507	503	466	472	534		15,567
829	634	856	846	768	715	713	678	700	750	801	852	838		24,632
830	634	318	825	258	720	717	771	833	704	824	706	812		21,275
831	716	1311	1000	613	823	525	825	356	1366	1050	576	592		25,554
832	716	751	773	622	780	774	708	651	606	604	604	617		23,814
833	871	824	793	723	685	682	753	660	650	625	653	711		21,182
834	824	640	725	693	608	651	804	821	862	841	768	745		20,397

	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
729	686	689	710	726	726	728	729	731	727	711	714	715		20,656
823	682	680	635	652	666	615	604	572	557	575	536	544		17,670
817	703	747	759	826	858	840	891	815	850	874	882	896		26,049
821	547	606	663	707	689	672	658	630	624	630	620	567		17,384
820	624	630	644	691	629	675	951	963	782	675	681	656		19,573
825	727	657	813	863	789	852	827	783	712	681	682	681		22,967
826	636	629	606	607	615	617	617	619	562	564	582	590		18,604
827	828	471	501	483	504	539	562	590	725	757	806	760		17,873
828	548	505	461	471	485	503	506	507	503	466	472	534		15,567
829	634	856	846	768	715	713	678	700	750	801	852	838		24,632
830	634	318	825	258	720	717	771	833	704	824	706	812		21,275
831	716	1311	1000	613	823	525	825	356	1366	1050	576	592		25,554
832	716	751	773	622	780	774	708	651	606	604	604	617		23,814
833	871	824	793	723	685	682	753	660	650	625	653	711		21,182
834	824	640	725	693	608	651	804	821	862	841	768	745		20,397

NOVEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	781	821	822	930	1393	1076	1022	894	905	852	802	903	780	894	1387	2533	1954	1566
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888
1946	1031	1033	929	844	934	927	1063	971	983	972	1028	937	841	850	944	936	856	947
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928
1948	813	1214	1689	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883
1949	805	710	716	824	700	690	700	779	995	1043	1022	821	885	840	906	817	846	715
1950	1399	2008	1950	1257	1357	1273	1471	1657	1649	1368	1257	1343	1126	1303	1186	1129	1172	1419
1951	1151	906	1003	1365	1001	1305	1093	827	1116	747	810	810	1072	1368	952	895	587	1272
1952	756	753	751	748	748	736	741	749	752	767	831	976	1145	1394	1378	1152	906	804
1953	678	952	844	716	853	868	863	858	860	868	877	926	915	759	889	942	775	684
1954	812	767	764	752	728	712	703	704	716	728	742	864	885	965	972	1048	1167	1070
1955	824	813	806	806	811	814	816	821	830	854	875	934	1051	1074	967	853	834	798

DECEMBER

YEAR	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	1637	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1836	1871
1942	1854	1741	1365	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920
1943	939	1182	1062	1062	977	1055	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	856	664	571	568	707	645	1040	833
1946	1395	1386	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

NOVEMBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
894	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
842	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
975	860	870	745	682	577	656	681	731	722	699	802	716	741	727	600	581		26,099
840	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,797
912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
840	906	817	846	715	809	684	841	645	804	1409	1474	1367	1290	1347	1205	917		27,606
1303	1186	1129	1172	1419	1649	1540	1597	1879	1277	1272	1388	1383	1359	1278	1232	1298		42,476
1368	952	895	587	1272	1198	1198	1200	1279	1051	953	831	863	1518	1231	1330	1210		32,142
1394	1378	1152	906	804	658	650	666	700	724	696	656	652	652	650	648	647		24,066
759	889	942	775	684	731	740	752	871	1990	2112	1272	1102	1310	1344	1291	1130		29,772
965	972	1048	1167	1070	1037	1026	946	905	861	824	769	762	757	754	749	746		25,235
1074	967	853	834	798	838	944	1506	1922	2120	1863	1830	1862	1713	1604	1330	1230		34,343

DECEMBER

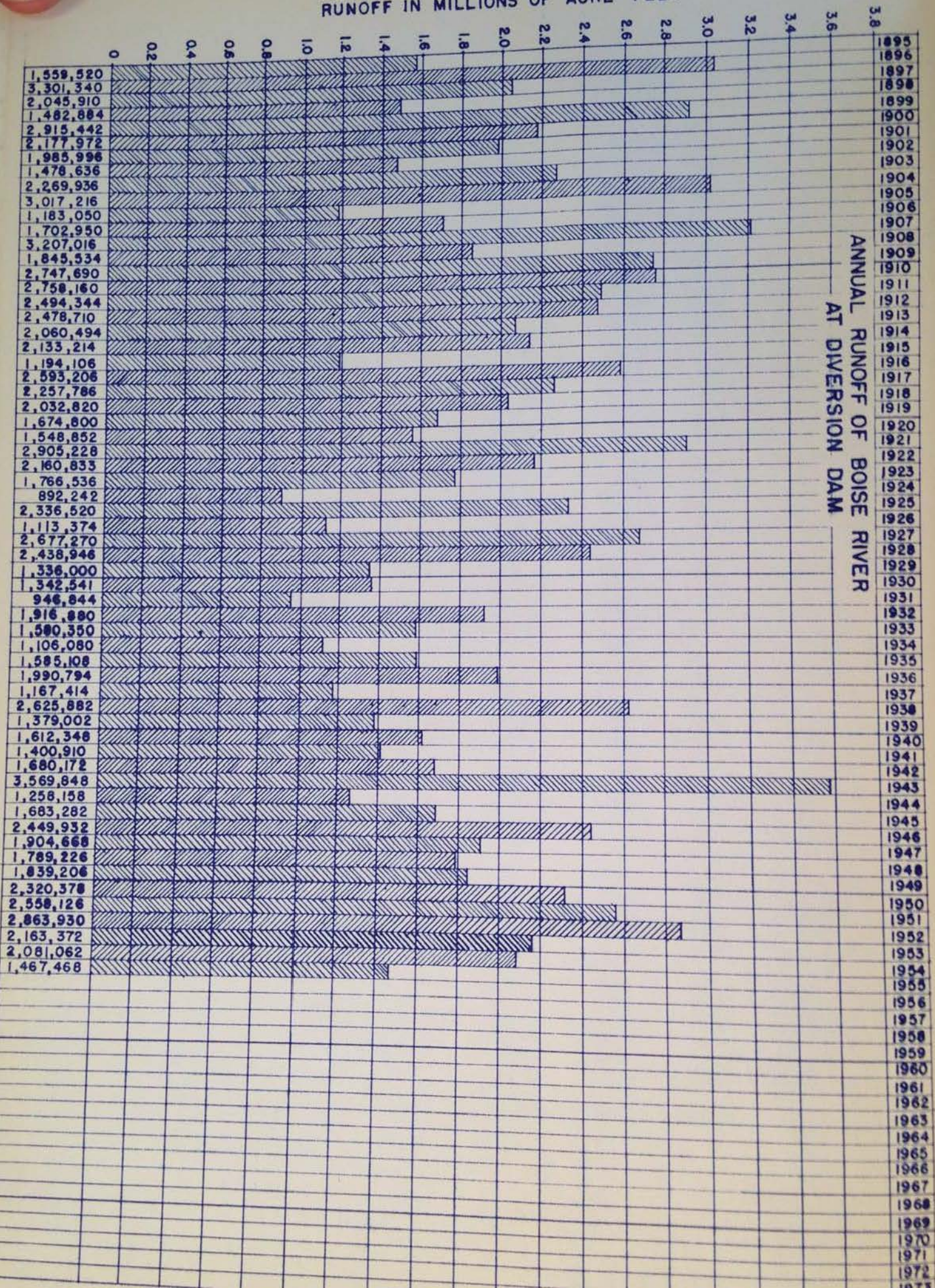
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1406	1372	1694	1560	1836	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
746	770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,884
406	464	505	765	610	640	866	1052	818	1137	906	839	763	615	621	588	906	826	21,451
571	568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
4053	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696
995	922	901	811	959	991	844	951	798	792	974	746	737	736	779	961	790	513	27,758
999	980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547
903	718	817	809	934	656	565	728	778	931	906	764	779	795	975	775	739	748	25,608
2107	1284	1179	1669	1304	1206	1181	1537	1246	1326	1263	1304	1502	1148	770	907	1599	1440	44,319
1060	1098	754	1072	1273	1362	807	959	2049	2046	1242	1236	629	1253	1145	2220	1393	1332	43,802
1200	1139	1047	972	933	871	842	790	784	784	782	781	793	816	802	820	801	779	54,662
971	900	828	829	841	789	927	1015	1053	1097	1014	1053	901	869	764	692	771	768	28,980
793	772	753	706	688	676	619	612	612	605	601	600	622	674	714	792	906	957	22,560
919	785	971	897	1439	1641	2250	2222	4106	16700	20551	11314	7381	5053	4416	3637	2728	2721	102,759

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

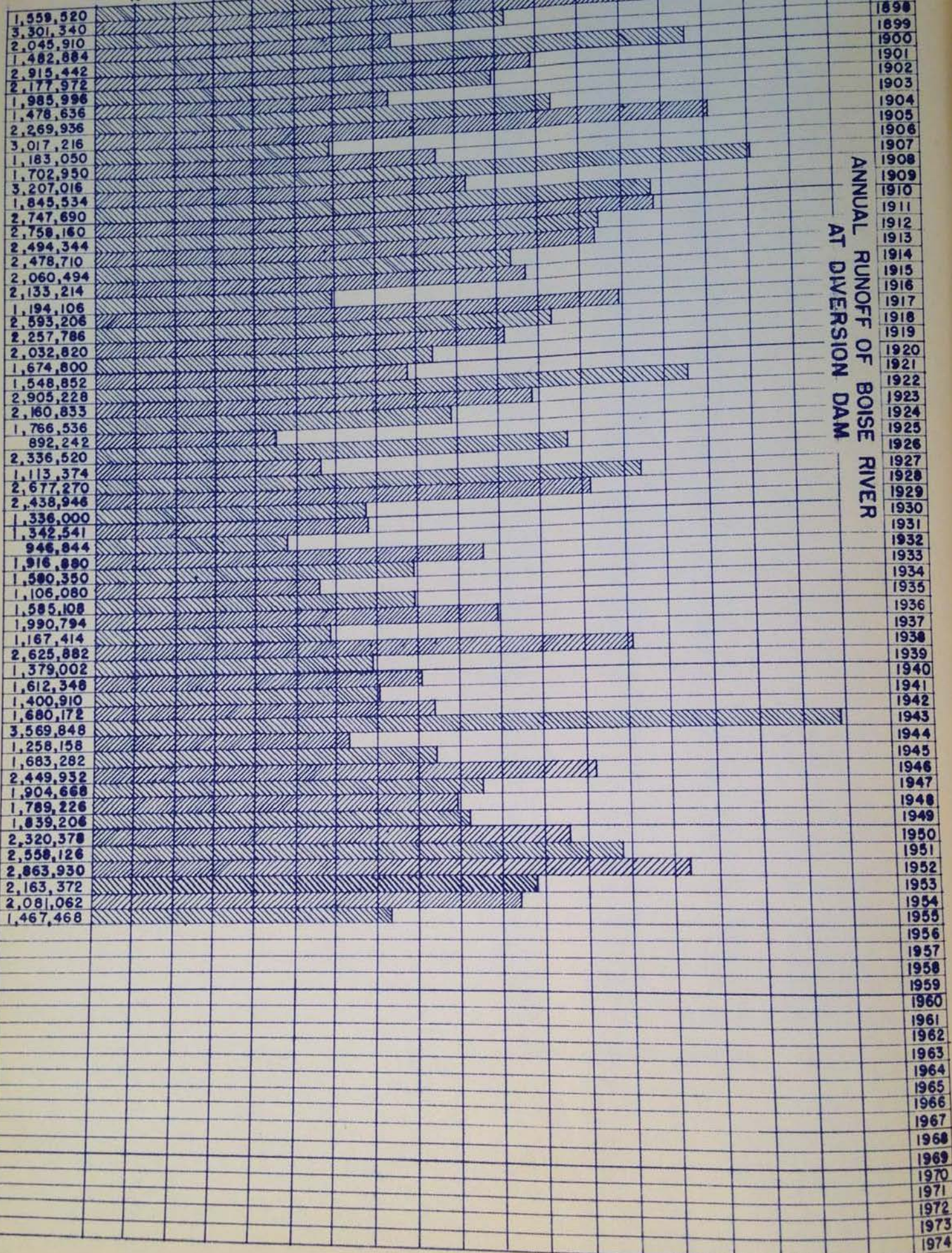
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1142	1077	1572	3704	7213	8306	4297	1220	745	748	906	1158
2.	1101	1099	1593	3366	7240	8197	4173	1175	746	802	933	1184
3.	1123	1143	1637	4049	7320	8151	4006	1155	748	826	979	1139
4.	1078	1174	1644	4158	7595	8067	3856	1134	726	816	921	1160
5.	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.	1085	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	1382	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



ANNUAL RUNOFF OF BOISE RIVER AT DIVERSION DAM



TOTAL MONTHLY FLOW OF BQ154

FOR IRRIGATION YEARS BEG

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	15238
1895-96	57040	54980	50980	73440	67660	157560	295040	555380	1464280	38552
1896-97	54220	61300(3)	64600	50520	55240	87960	476000(5)	508000(6)	415000(5)	14330
1897-98	53440	64100	61500(7)	34100	67200	119280	251900	320280	299360	11664
1898-99	53262	56240	151640	160600	79640	113900	425740	606020	731400	35616
1899-00	83664	90000	97000	125420	96440	305220	380020	510720	300640	8415
1900-01	63570	61880	65060	79440	98340	179320	305940	626460	287420	11640
1901-02	56464	53892	76400	61300	90440	88920	211470	353460	287160	106720
1902-03	45630	54498	63474	81760	63570	143360	448220	520620	601880	14758
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	671840	828600	521060	201920
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	225820	247660	7886
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	162900
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673380	683520	534560	335640
1907-08	57890	55778	63300	67230	63282	141130	382540	370360	324880	198500
1908-09	68440	59280	58000	138160	110680	232840	472120	605240	655220	226800
1909-10	63140	200560	124760	79900	66600	566900	605980	513560	310360	110040
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	233040
1911-12	66570	66700	63520	78420	76120	99580	342620	684180	677560	173980
1912-13	66560	67820	60680	53800	51400	101800	374960	573740	413420	158660
1913-14	63524	80180	61380	71196	74968	216040	469040	553660	307700	124130
1914-15	69680	56368	44800	59580	59726	94782	176564	274130	191900	83978
1915-16	42410	45626	53346	49930	63262	197486	555062	563720	54764	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	49116	50532	52844	114916	395854	509192	240872	69736
1919-20	47968	56548	52610	66528	66774	89234	189044	449730	333460	117328
1920-21	59966	75678	67106	112422	94098	271472	394484	824032	718728	175390
1921-22	55492	39088	44979	60982	53180	113692	319642	552674	656854	149066
1922-23	52172	48886	52372	62100	50860	92700	273726	454010	376208	192504
1923-24	61592	52930	51286	48954	72446	63550	136450	243200	76792	35206
1924-25	39218	53662	42912	48416	129386	192378	501862	700486	367370	152598
1925-26	58400	51394	63522	48414	64264	140448	232672	247704	105072	41132
1926-27	34882	67640	84790	63200	104630	188084	378928	665294	725602	233700
1927-28	69014	144162	97842	90008	79354	272846	316812	852194	305656	118202
1928-29	49852	50792	46212	45514	49720	101904	179094	355418	215896	98288
1929-30	39356	36848	69543	44774	64388	103616	274178	295246	247382	79234
1930-31	54512	45418	44108	44818	45298	91246	177172	251538	110862	34670
1931-32	31424	31224	36376	38612	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	426528	363262	97334
1935-36	33616	38248	37352	44612	47356	100060	577594	625906	319284	82558
1936-37	39772	36600	41556	37568	41728	80870	207358	381192	178996	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 ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

IL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	
40	395220	225700	152380	63620	58000	1,559,520	
40	555380	1464280	385520	81960	57500	3,301,340	
00(5)	508000(6)	415000(5)	143300	67250	62520	2,045,910	
00	320280	299360	116848	45708	39168	1,482,864	(1) MEAN OF 4 HIGH YE
40	606020	731400	356160	109940	68900	2,915,442	
20	510720	300640	84156	53496	51196	2,177,972	(2) SUBSTITUTED FROM I
40	626460	287420	116400	52222	49944	1,985,996	(3) SUBSTITUTED FROM I
70	353460	287160	106720	49496	40914	1,478,636	
20	520620	601880	147580	53000	46344	2,269,936	(4) MISSING DAYS SUBST
40	828600	521060	201920	71972	43830	3,017,216	
100	229820	247660	78860	39870	34660	1,183,050	(5) MISSING DAYS SUBST YEAR MEAN.
20	428100	346980	162900	52410	41090	1,702,950	
80	683520	534560	335640	101600	62066	3,207,016	(6) MISSING MONTHS SUBS YEAR MEAN.
40	370360	324880	198500	64920	55524	1,845,534	
120	605240	655220	226800	63690	57220	2,747,690	
80	513560	310360	110040	55970	56390	2,758,160	(7) INTERPOLATED
60	549120	740860	233040	74506	59726	2,494,344	(8) AVERAGE OF 5 SHORT
20	684180	677560	173980	83380	66080	2,478,710	
60	573740	413420	158660	82964	54290	2,060,494	
40	553660	307700	124130	58742	52654	2,133,214	
64	274130	191900	83978	40626	39672	1,194,106	
62	563720	544764	293818	80102	53680	2,593,206	
62	654106	643322	260216	65224	43950	2,257,786	
40	409954	461268	112120	56300	49922	2,032,820	
54	509192	240872	69736	36404	34262	1,674,800	
44	449730	333468	117328	40586	39034	1,548,652	
484	824032	718728	175390	63068	48784	2,905,228	
542	552674	659854	148066	65210	47974	2,160,833	
726	454010	376208	192504	67552	42046	1,766,536	
150	243200	76792	35296	24426	25320	852,242	
62	700486	367370	152598	60730	47302	2,336,520	
572	247704	105072	41132	30872	29480	1,113,374	
228	665294	725602	233700	74786	55734	2,677,270	
12	852194	305656	118292	51462	41304	2,438,946	
94	359418	205896	98288	36822	32488	1,336,000	
178	295246	257382	79234	43256	34720	1,342,541	
172	251538	110862	34670	23156	24046	946,841	
006	564176	458224	154298	52212	41746	1,916,880	
342	341610	538198	99610	40282	35556	1,580,350	
548	229216	86240	37252	22622	24966	1,106,080	
158	428528	363262	97334	39022	30052	1,585,108	
594	625906	319284	82558	43272	40936	1,990,794	
358	381192	178996	60820	25996	25958	1,167,414	
100	711314	558138	201292	71190	46910	2,625,882	
918	341836	136300	60358	38454	30436	1,379,002	
942	434480	227258	64468	31480	38986	1,612,348	

- IN ACFT FEET

1954 ± 1965

AUGUST	SEPTEMBER	TOTAL
68620	58000	1,555,520
81160	57500	3,301,340
67980	62520	2,045,910
45728	38168	1,482,884
125440	68900	2,915,442
53496	51196	2,177,972
50000	49044	1,985,996
49096	40914	1,478,636
53000	46344	2,269,936
71572	43830	3,017,216
34970	34660	1,183,050
52410	41080	1,732,950
101600	62066	3,207,016
64920	55524	1,845,534
63690	57220	2,747,690
55970	56390	2,758,160
74006	59728	2,494,344
63880	66080	2,478,710
82964	54290	2,060,494
58742	52654	2,133,214
40628	39672	1,154,106
80100	53680	2,543,206
65224	43950	2,257,786
56300	49522	2,032,620
36424	34262	1,574,800
47596	39034	1,548,652
63088	48764	2,905,228
65210	47974	2,160,838
67592	42046	1,766,536
24426	25320	882,242
60730	47302	2,336,520
30872	29480	1,113,374
74786	55734	2,677,270
51462	41304	2,438,946
36822	32488	1,336,000
43296	34720	1,342,544
23156	24046	946,844
52212	41746	1,916,880
40282	39556	1,580,350
22622	24966	1,106,080
39022	30052	1,585,108
43272	40936	1,990,794
25996	25598	1,167,414
71190	46910	2,625,882
38454	30436	1,379,002
31480	38986	1,612,348

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906.

(3) SUBSTITUTED FROM 1900.

(4) MISSING DAYS SUBSTITUTED FROM 1900.

(5) MISSING DAYS SUBSTITUTED FROM 21 YEAR MEAN.

(6) MISSING MONTHS SUBSTITUTED FROM 21 YEAR MEAN.

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS.

TOTAL MONTHLY FLOW OF BOISE R

FOR IRRIGATION YEARS BEGINN

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST
1940-41	53168	59764	56634	54260	65368	113448	188300	365336	266776	83332	53206
1941-42	48552	63200	106838	62182	62162	87804	341662	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
1946-47	67394	72214	109392	60362	87278	181276	289398	545764	297238	114094	43050
1947-48	56244	57582	55516	65522	60480	73396	264424	505792	459706	109372	44612
1948-49	44642	53918	51094	49038	45674	146834	416548	566862	301108	91898	40464
1949-50	49224	55212	51216	63188	71410	154558	409786	559496	540810	241712	74502
1950-51	67520	84952	88638	70656	126136	128158	553712	689842	439576	195690	70696
1951-52	77272	64284	87604	68400	77508	106282	671898	899574	518800	172464	68736
1952-53	51784	48172	54662	101282	88560	126710	330196	403576	583564	254344	72894
1953-54	49856	59544	57108	61536	93274	149716	382042	596132	343118	178956	67416
1954-55	52732	50470	45120	47482	40446	55692	129822	397270	119160	131238	56542

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1	365336	266776	83332	53206	41318	1,400,910
2	325676	362374	137452	46974	35340	1,680,172
3	722804	627754	359598	103756	56098	3,569,848
4	303208	247726	106382	43684	34768	1,258,158
5	473146	405946	139808	51316	39146	1,683,282
6	651660	378824	137194	58374	45934	2,449,932
7	545764	297238	114094	43050	37208	1,904,668
8	505792	459706	109372	44612	36580	1,789,226
9	566862	301108	91898	40464	31126	1,839,206
0	559496	540810	241712	74502	49264	2,320,378
1	689842	439576	195690	70696	42550	2,558,126
2	899574	518800	172464	68736	51108	2,863,930
3	403576	583564	254344	72694	47628	2,163,372
4	596132	343118	173956	67416	42364	2,081,062
5	397270	119160	131938	56542	40794	1,467,468

DISCHARGE IN SECOND FEET
BY DAYS DURING THE IRRIGATION SEASON

	APRIL													
NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW YORK CANAL	862	980	1040	1040	1040	1040	1040	0		0	847	1300	933	977
PENITENTIARY	0													
BUBB (SOUTH BOISE)	0													
RIDENBAUGH	65	120	32	32	42	42	38	0		0	80	75	114	114
SETTLERS														
THURMAN MILL	0													
CRUZEN (CONSUMERS)	12	12	12	12	12	12	12	12	12	9	9	9	9	9
BOISE CITY	0													
FARMERS UNION & B. V.										0	64	64	72	75
NEW UNION	0													
NEW DRY CREEK	0													
BALLANTINE	0													
WIDDELETON CANALS	0													
LITTLE PIONEER	0													
CANYON COUNTY														
EAGLE ISLAND CANALS	0													
PHYLLIS											0	85	85	115
EUREKA #1	0													100
CALDWELL HIGH LINE	0													
SEBREE (FARMERS CO-OP)							0	50	50	50	80	80	108	107
CAMPBELL	0													
SIEBENBERG	0													
RIVERSIDE #2						0	82	121	134	141	148	157	157	157
PIONEER DIXIE														
EUREKA #2												0	80	80
UPPER CENTER POINT														
LOWER CENTER POINT	0									0	8	8	10	10
MISCELLANEOUS	0													
TOTAL CANAL DIVERSIONS	939	1112	1064	1064	1091	1094	1172	183	202	206	1094	1487	1544	1528
RIVER AT NOTUS	432	481	525	481	450	415	324	303	236	131	115	134	120	153
TOTALS	1371	1593	1609	1565	1541	1510	1496	515	438	337	1249	1621	1664	1681

DISCHARGE IN SECOND FEET
BY DAYS DURING THE IRRIGATION SEASON

NAME OF CANAL	APRIL														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
NEW YORK CANAL	862	980	1040	1040	1040	1040	1040	0		0	647	1000	933	977	98
PENITENTIARY	0														
BUBB (SOUTH BOISE)	0														
RIDENBAUGH	65	120	32	32	42	42	38	0		0	80	75	114	114	11
SETTLERS															
THURMAN MILL	0														
CRUZEN (CONSUMERS)	12	12	12	12	12	12	12	12	12	9	9	9	9	9	
BOISE CITY	0														
FARMERS UNION & B. V.										0	64	64	72	78	70
NEW UNION	0														
NEW DRY CREEK	0														
BALLANTINE	0														
MIDDLETON CANALS	0														
LITTLE PIONEER	0														
CANYON COUNTY															
EAGLE ISLAND CANALS	0														
PHYLLIS											0	86	86	116	100
EUREKA #1	0														
CALDWELL HIGH LINE	0														
SEBREE (FARMERS CO-OP)							0	50	56	56	80	88	103	107	111
CAMPBELL	0														
SIEBENBERG	0														
RIVERSIDE #2						0	82	121	134	141	148	157	157	157	157
PIONEER DIXIE															
EUREKA #2												0	60	60	51
UPPER CENTER POINT															
LOWER CENTER POINT	0									0	6	8	10	10	12
MISCELLANEOUS	0														
TOTAL CANAL DIVERSIONS	939	1112	1084	1084	1094	1094	1172	183	202	206	1034	1487	1544	1628	1523
RIVER AT NOTUS	432	481	525	481	450	416	324	333	236	131	115	134	120	153	144
TOTALS	1371	1593	1609	1565	1544	1510	1496	516	438	337	1149	1621	1664	1781	1667

CHART NO. 5

APR 11

	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
		0	647	1000	933	977	900	827	1024	1030	335	0								0
		0	80	75	114	114	113	100	94	70 0	63 34	80 34	76 26	76 26	0 26	26	26	26	26	26
2	12	9	9	9	9	9	9	9	9	9	5	5	5	5	5	5	5	5	5	7
		0	64	64	72	78	70	70	61	70	61	38	38	64	50	36	36	45	28	28
			0	86	86	116	100	116	119	115	92	75	57	59	57	57	56	48	44	54
0	56	56	80	88	103	107	111	119	122	115	107	107	100	103	100	100	100	100	100	96
1	134	141	148	157	157	157	157	146	146	134	134	134	134	146	157	157	169 0	148 28	141 35	113 46
				0	60	60	51	51	51	51	51	51	42	42	35	35	35	35	35	35
		0	6	8	10	10	12	12	8	8	4	4	4	4	4	4	4	4	4	4
3	202	206	1034	1487	1544	1628	1523	1450	1634	1503	886	528	482	525	434	420	431	439	418	409
3	236	131	115	134	120	153	144	83	77	162	288	272	214	313	378	297	232	217	203	165
5	438	337	1149	1621	1664	1781	1667	1533	1711	1765	1174	800	696	838	812	717	663	656	621	574

VALLEY DRILLS

CHART NO. 5

, INCLUDING STORAGE

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
1324	1230	335	0								0	372	385		15472
94	70	63	80	76	76	0									1426
	0	34	34	26	26	26	26	26	26	26	26	26	26		328
9	9	5	5	5	5	5	5	5	5	5	7	7	7		255
61	70	61	38	38	64	50	36	36	45	28	28	20	20		1013
5	119	115	92	75	57	59	57	57	56	46	44	54	52	50	1440
9	122	115	137	107	100	103	100	100	100	100	100	96	96	103	2219
5	146	134	134	134	146	157	157	169	148	141	113	113	99		3325
								0	28	35	46	46	46		201
1	51	51	51	51	42	42	35	35	35	35	35	35	35	35	790
2	8	8	4	4	4	4	4	4	4	4	4	4	4	4	122
3	1634	1503	866	528	482	525	434	420	431	439	418	409	771	775	26591
5	77	162	288	272	214	313	378	297	232	217	203	165	150	125	7651
1	1711	1765	1174	800	696	838	812	717	663	656	621	574	921	900	34242

DISCHARGE IN SECOND FEET OF
BY DAYS DURING THE IRRIGATION SEASON

NAME OF CANAL	MAY														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	815	815	806	800	800	1196	1190	1507	1642	1843	1549	2295	2529	2707	2886
PENITENTIARY								0	3	3	3	0	0	6	6
BLOBB (SOUTH BOISE)								0	7	7	7	7	7	7	7
RILEYBAUGH	0	70	77	84	103	118	134	161	202	246	275	309	471	451	439
SETTLERS	26	26	26	26	26	26	26	26	34	48	64	81	93	93	107
THURMAN MILL															
CRUZEN (CONSUMERS	9	9	9	9	9	0	15	15	15	15	15	15	15	15	15
BOISE CITY						10	10	11	11	12	12	13	13	14	14
FARMERS UNION & B. V.	20	56	56	56	56	56	56	56	72	0	21	23	24	27	27
NEW UNION	3	3	3	3	3	3	3	3	3	90	116	133	158	180	180
NEW DRY CREEK										4	5	6	7	8	10
BALLANTINE									0	27	27	51	55	71	73
MIDDLETON CANALS										0	12	12	12	18	20
LITTLE PIONEER							0	9	0	63	53	134	158	174	176
CANYON COUNTY			0	10	26	32	38	48	12	15	21	26	28	36	36
EAGLE ISLAND CANALS									48	50	63	78	92	91	97
PHYLLIS					0	55	55	55	55	55	55	55	55	55	55
EUREKA #1	44	46	50	50	50	90	90	113	113	159	146	291	301	350	315
CALDWELL HIGH LINE										0	20	20	20	35	35
SEBREE (FARMERS CO-OP	111	122	126	122	153	194	225	202	234	185	272	291	301	293	305
CAMPBELL			0	12	12	12	18	18	23	26	26	21	19	22	22
SIEBENBERG										0	8	8	8	11	11
RIVERSIDE #2	99	94	94	94	117	117	92	92	84	84	70	90	129	134	144
PIONEER DIXIE	46	40	40	40	40	40	42	42	42	42	56	57	82	101	97
EUREKA #2	35	35	35	35	35	35	35	35	35	35	35	56	95	119	109
UPPER CENTER POINT	4	4	4	6	6	6	6	4	4	4	8	12	21	23	22
LOWER CENTER POINT	2	2	2	2	2	2	6	9	12	15	15	16	16	17	17
MISCELLANEOUS					0	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	1214	1322	1328	1349	1438	2021	2097	2462	2707	3084	3019	4181	4780	5129	5291
RIVER AT NOTUS	98	103	150	171	156	90	64	42	20	15	29	71	50	42	135
TOTALS	1312	1425	1478	1520	1594	2111	2161	2504	2727	3099	3048	4257	4830	5171	5426

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 5-A

BY DAYS DURING THE IRRIGATION SEASON OF 1955, INCLUDING STORAGE

MAY

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
542	1843	1549	2295	2529	2707	2886	2886	2718	2550	2601	2740	2802	2852	2896	2896	2896	2896	2896	2896	2896
3	3	3	0	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5
7	7	7	7	7	7	7	7	9	10	11	12	13	15	17	17	17	17	18	19	20
202	246	275	309	471	451	439	439	327	409	456	452	523	543	577	577	596	613	610	596	593
34	48	64	81	93	93	107	107	119	144	171	178	185	197	202	202	202	202	202	202	202
15	15	15	15	15	15	15	15	17	17	19	19	21	21	23	25	25	26	26	27	28
11	12	12	13	13	14	14	14	15	16	17	18	19	20	20	20	20	20	20	20	21
72	0	21	23	24	27	27	30	23	22	24	29	31	33	33	33	33	33	33	33	33
3	90	116	133	158	180	180	190	190	191	191	200	220	180	244	260	262	273	250	251	255
0	4	5	6	7	8	10	12	14	14	14	14	15	15	15	16	16	17	17	18	18
0	27	27	51	55	71	73	73	72	70	70	65	65	65	65	65	69	69	70	70	70
0	0	12	12	12	18	20	20	22	22	22	22	22	22	22	22	22	22	22	22	22
12	63	53	138	158	174	176	181	157	153	146	166	163	158	163	178	190	192	180	183	173
48	15	21	28	28	36	36	36	36	21	21	21	28	28	37	37	37	37	37	37	37
55	50	63	78	92	91	97	79	79	79	84	78	75	75	79	79	79	79	79	79	79
13	159	146	291	301	356	315	291	263	272	312	301	303	322	341	348	343	368	416	412	416
27	0	20	20	20	35	35	33	25	28	28	32	36	38	38	36	36	38	38	38	36
234	27	36	36	36	36	37	38	38	38	38	38	38	38	38	54	75	73	69	67	67
23	185	272	291	301	293	305	305	309	307	311	311	321	321	332	332	338	332	343	327	325
64	26	26	21	19	22	22	21	21	21	20	20	20	17	15	17	19	19	17	15	15
42	0	8	8	8	11	11	13	13	11	11	14	14	14	14	14	15	15	15	13	13
35	84	70	90	129	134	144	193	154	137	157	176	176	177	148	141	141	146	176	190	174
4	42	56	57	82	101	97	97	87	82	87	88	88	93	93	96	96	94	94	94	102
12	35	35	56	95	119	109	109	95	83	83	94	94	99	95	82	72	76	82	94	99
29	4	8	12	21	23	22	21	18	17	17	17	17	17	16	15	14	14	12	12	14
707	15	15	16	16	17	17	17	17	17	18	18	18	21	21	22	23	23	23	23	18
20	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
727	3084	3019	4181	4780	5129	5291	5317	4928	4821	5019	5213	5396	5470	5633	5675	5725	5803	5834	5827	5815
20	15	29	71	50	42	135	455	621	302	221	200	134	71	96	88	96	141	394	320	276
727	3099	3048	4257	4830	5171	5426	5772	5549	5123	5240	5413	5530	5541	5729	5763	5821	5944	6228	6147	6091

CANALS

CHART NO. 5-A

DRAINING STORAGE

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
2550	2601	2740	2802	2852	2896	2896	2896	2896	2896	2896	2896	2896	2896	68593
6	6	6	5	5	5	5	5	5	5	5	5	5	5	112
10	11	12	13	15	17	17	17	17	18	19	20	21	22	294
409	456	452	523	543	577	577	596	613	610	596	593	584	586	11621
144	171	178	185	197	202	202	202	202	202	202	202	203	203	3649
17	19	19	21	21	23	25	25	26	26	27	28	29	30	503
16	17	18	19	20	20	20	20	20	20	20	21	21	21	467
22	24	29	31	33	33	33	33	33	33	33	33	34	34	613
191	191	200	220	180	244	260	262	273	250	251	255	257	262	5017
14	14	14	15	15	15	16	16	17	17	18	18	19	19	320
70	70	65	65	65	65	65	69	69	70	70	70	69	69	1400
22	22	22	22	22	22	22	22	22	22	22	22	22	22	424
153	146	166	163	158	163	178	190	192	180	183	173	174	176	3495
21	21	21	28	28	37	37	37	37	37	37	37	40	40	715
79	84	78	75	75	79	79	79	79	79	79	79	79	79	1933
55	55	55	55	55	55	55	55	55	55	55	55	55	55	1430
272	312	301	303	322	341	348	343	368	416	412	416	428	424	7794
28	28	32	36	38	38	36	36	38	38	38	36	36	32	680
38	38	38	38	38	38	54	75	73	69	67	67	65	81	1144
307	311	311	321	321	332	332	338	332	343	327	325	319	325	8294
21	20	20	20	17	15	17	19	19	17	15	15	17	19	524
11	11	14	14	14	14	14	15	15	15	13	13	13	13	261
137	157	176	176	177	148	141	141	146	176	190	174	174	190	4184
82	87	88	88	93	93	96	96	94	94	94	102	102	102	2312
83	83	94	94	99	95	82	72	76	82	94	99	107	101	2229
17	17	17	17	17	16	15	14	14	12	12	14	14	14	383
17	18	18	18	21	21	22	23	23	23	23	18	16	15	446
29	29	29	29	29	29	29	29	29	29	29	29	29	29	754
4821	5019	5213	5396	5470	5633	5675	5725	5803	5834	5827	5815	5828	5865	129,591
302	221	200	134	71	96	88	96	141	394	320	276	276	228	5,155
5123	5240	5413	5530	5541	5729	5763	5821	5944	6226	6147	6091	6104	6093	134,746

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

NAME OF CANAL	JUNE														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2830	2830	2830	2830	2774	2774	2774	2774	2774	2774	2774	2774	2774	2662	2662
PENITENTIARY	5	6	6	8	9	12	12	12	12	12	12	12	12	12	12
BURG (SOUTH BOISE)	21	21	21	21	21	21	21	21	20	20	18	18	17	16	16
RIDENBAUGH	586	590	610	632	638	638	641	646	648	648	649	648	651	649	641
SETTLERS	203	203	205	205	205	205	205	204	203	202	203	202	200	200	195
THURMAN MILL	31	32	33	34	35	37	39	39	39	39	39	39	39	39	39
ORUEN (CONSUMERS)	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
BOISE CITY	34	34	34	34	34	34	34	35	35	35	35	35	35	35	34
FARMERS UNION & B. V.	261	261	268	273	273	275	279	279	279	277	277	280	280	280	276
NEW UNION	18	18	18	18	18	18	19	19	19	19	19	19	19	17	17
NEW TRY CREEK	70	72	72	77	77	77	77	77	78	78	78	80	80	82	80
BALLANTINE	24	24	25	25	26	26	26	26	27	27	28	28	29	29	29
MIDDLETON CANALS	179	179	181	181	184	198	203	205	208	203	205	205	204	198	197
LITTLE PIONEER	40	40	42	42	44	44	45	46	47	48	49	51	53	53	45
CANYON COUNTY	78	79	81	83	85	87	90	93	96	99	103	107	111	108	101
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHYLLIS	442	450	458	468	481	468	478	491	501	513	488	466	486	486	469
EUREKA #1	32	32	32	32	31	30	28	27	27	27	58	60	60	58	57
CALDWELL HIGH LINE	77	76	74	67	66	70	65	63	60	58	56	53	50	44	54
SEUREE (FARMERS CO-OP)	330	338	338	346	343	350	317	359	361	365	365	370	370	365	357
CAMPBELL	15	15	17	17	19	24	27	31	31	31	27	27	19	15	12
SIEBENBERG	13	13	13	14	14	14	15	18	18	18	15	12	9	7	5
RIVERSIDE #2	168	175	166	166	166	167	163	196	206	218	218	218	206	210	210
PIONEER DIXIE	104	92	92	92	92	91	95	102	104	102	102	102	102	102	102
EUREKA #2	99	93	82	78	72	82	79	79	79	79	79	78	78	52	52
UPPER CENTER POINT	12	16	16	14	14	12	12	10	12	15	15	15	14	12	0
LOWER CENTER POINT	18	16	16	16	17	17	17	17	18	18	18	19	19	19	20
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5817	5816	5837	5880	5843	5878	5898	5976	6009	6032	6037	6045	6024	5857	5796
RIVER AT NOTUS	184	147	115	108	88	98	86	66	46	86	168	263	450	475	512
TOTALS	6001	5963	5952	5988	5931	5976	5984	6042	6055	6116	6205	6308	6474	6332	6308

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 5-8

BY DAYS DURING THE IRRIGATION SEASON OF 1955, INCLUDING STORAGE

JUNE

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2774	2774	2774	2774	2774	2662	2662	2662	2606	2606	2606	2568	2568	2568	2568	2568	2568	2568	2568	2568
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
20	20	18	18	17	16	16	16	16	16	16	16	16	16	16	18	17	16	15	14
648	648	649	648	651	649	644	645	638	626	626	622	615	627	633	632	628	634	634	630
203	202	203	202	200	200	199	197	198	197	197	196	196	195	193	193	192	190	190	187
39	39	39	39	39	39	39	39	40	40	40	41	41	42	42	43	43	43	41	39
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24	24	24	24	24
35	35	35	35	35	35	34	34	35	35	35	35	35	35	34	34	34	34	34	34
279	277	277	280	280	280	276	276	276	276	280	280	280	284	286	282	275	276	277	272
19	19	19	19	19	17	17	16	16	16	14	14	14	15	15	16	16	16	16	16
78	78	78	80	80	82	80	77	74	74	74	74	77	77	77	80	80	80	84	84
27	27	28	28	29	29	29	28	28	28	28	28	27	27	27	26	26	25	24	23
208	203	205	205	204	198	197	196	192	191	185	184	167	173	181	184	185	178	176	171
47	48	49	51	53	53	45	45	45	37	37	31	31	31	35	35	35	35	44	44
96	99	103	107	111	108	101	91	87	83	79	76	73	75	77	79	81	83	83	85
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
501	513	488	486	486	486	469	489	388	417	421	427	419	413	431	446	419	425	428	437
27	27	58	60	60	58	57	53	49	47	45	43	41	53	53	52	49	49	50	51
60	58	56	53	50	44	54	56	57	60	66	92	111	111	104	121	118	67	64	59
361	365	365	370	370	365	357	356	356	357	361	358	365	365	366	363	361	358	361	356
31	31	27	27	19	15	12	12	12	12	13	13	13	13	13	15	15	17	17	19
18	18	15	12	9	7	5	7	7	9	9	9	9	9	11	11	11	11	11	11
206	218	218	218	206	210	210	218	213	213	165	192	192	212	211	211	215	211	211	235
104	102	102	102	102	102	102	102	99	95	91	84	84	81	82	82	82	82	82	82
79	79	79	78	78	52	52	78	86	92	95	90	96	92	92	92	92	92	92	92
12	15	15	15	14	12	0	11	14	16	16	17	16	16	18	18	18	21	21	21
18	18	18	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
6009	6032	6037	6045	6024	5857	5796	5846	5671	5682	5658	5638	5627	5671	5703	5741	5699	5651	5663	5670
46	86	168	263	450	475	512	481	398	259	217	228	153	94	86	110	217	174	139	101
6055	6116	6205	6308	6474	6332	6308	6327	6059	5941	5875	5866	5780	5765	5789	5851	5916	5825	5802	5771

CANALS

CHART NO. 5-B

DING STORAGE

	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
2606	2606	2568	2568	2568	2568	2568	2568	2568	2568	2568	2568	2568	2584		80,354
12	12	12	12	12	12	12	12	12	12	12	12	8	8		326
16	16	16	16	16	16	16	18	17	16	15	14	13	12		526
626	626	622	615	627	633	632	628	634	634	634	630	616	616		16,944
157	197	196	196	195	193	193	192	190	190	190	187	187	186		5,938
40	40	41	41	42	42	43	43	43	41	39	37	37	35		1,159
23	23	23	23	23	23	24	24	24	24	24	24	24	24		697
35	35	35	35	35	34	34	34	34	34	34	34	34	34		1,033
276	280	280	280	284	286	282	275	276	277	272	256	260	260		8,254
16	14	14	14	15	15	16	16	16	16	16	16	16	16		507
74	74	74	77	77	77	80	80	80	84	84	84	84	84		2,335
28	28	28	27	27	26	26	25	25	24	23	23	23	23		788
191	185	184	167	173	181	184	185	178	176	171	181	181	181		5,655
37	37	31	31	31	35	35	35	35	44	44	44	44	44		1,260
83	79	76	73	75	77	79	81	83	83	85	85	85	85		2,623
55	55	55	55	55	55	55	55	55	55	55	55	55	55		1,650
417	421	427	419	413	431	446	419	425	428	437	375	348	348		13,448
47	45	43	41	53	53	52	49	49	50	51	51	51	50		1,327
60	66	92	111	111	104	121	118	67	64	59	57	50	50		2,126
357	361	358	365	365	366	363	361	358	361	356	346	344	344		10,677
12	13	13	13	13	13	15	15	17	17	19	19	19	19		553
9	9	9	9	9	11	11	11	11	11	11	9	9	9		341
213	185	192	192	212	211	211	215	211	211	235	235	232	232		6,059
95	91	84	84	81	82	82	82	82	82	82	82	82	85		2,771
92	95	99	96	92	92	92	92	92	92	92	92	90	90		2,531
16	16	17	16	16	16	16	18	21	21	21	21	21	21		461
20	20	20	20	20	20	20	20	20	20	20	20	20	20		565
29	29	29	29	29	29	29	29	29	29	29	29	29	29		870
5602	5658	5638	5627	5671	5703	5741	5699	5651	5663	5670	5567	5546	5546		173,776
259	217	228	153	94	86	110	217	174	139	101	286	438	438		6,263
5941	5875	5866	5780	5765	5789	5851	5916	5825	5802	5771	5853	5984	5984		180,041

DISCHARGE IN SECOND FEET OF BOISE
BY DAYS DURING THE IRRIGATION SEASON OF 1955

NAME OF CANAL	JULY															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NEW YORK CANAL	2697	2735	2729	2646	2734	2763	2763	2741	2730	2763	2763	2763	2914	2914	2914	2914
PENITENTIARY	8	9	9	9	9	9	12	12	12	12	12	12	12	12	12	13
BOBB (SOUTH BOISE)	10	11	12	13	14	15	15	16	16	17	17	18	18	18	18	18
RITTENBAUGH	615	615	615	615	610	606	601	612	613	614	612	609	619	616	630	630
SETTLERS	186	185	185	185	184	185	185	185	183	184	185	181	180	183	185	186
THURMAN MILL	33	33	33	33	33	34	34	34	34	34	34	34	34	31	29	27
CRUZEN (CONSUMERS)	19	19	20	21	22	23	23	23	22	22	21	21	21	22	22	23
BOISE CITY	33	33	33	33	34	32	32	33	34	34	34	35	34	34	35	34
FARMERS UNION & B. V.	259	259	260	260	261	261	267	267	267	267	269	269	269	268	268	267
NEW UNION	15	15	15	15	15	14	14	13	12	11	11	12	13	14	15	16
NEW DRY CREEK	77	77	72	65	61	62	62	65	71	71	78	88	87	83	82	74
BALLANTINE	22	22	22	22	21	21	22	22	23	23	24	24	24	24	23	23
MIDDLETON CANALS	175	170	167	178	181	180	179	178	177	175	171	167	158	157	158	165
LITTLE PIONEER	37	37	37	37	55	44	28	48	48	48	52	52	52	52	52	52
CANYON COUNTY	81	78	78	78	74	74	66	67	72	72	76	76	65	65	69	76
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHYLLIS	331	341	326	320	317	319	317	314	318	353	366	372	424	418	382	428
EUREKA #1	39	40	41	43	43	43	40	41	42	42	37	37	36	36	37	38
CALDWELL HIGH LINE	47	47	45	44	47	47	47	48	42	42	47	47	52	56	51	68
SEBREE (FARMERS CO-OP)	340	338	333	338	340	344	357	358	357	360	359	363	351	353	340	354
CAMPBELL	19	19	19	19	19	17	17	17	17	17	19	19	19	19	22	24
SIEBENBERG	9	9	9	9	9	9	12	15	18	18	22	22	22	19	19	17
RIVERSIDE #2	220	219	218	212	216	220	318	214	236	228	233	225	216	216	215	221
PIONEER LIXIE	85	83	82	82	78	74	0	74	78	84	83	87	94	94	91	91
EUREKA #2	90	88	86	84	82	80	78	86	86	86	86	72	64	60	72	72
UPPER CENTER POINT	19	19	19	19	18	18	18	16	14	14	14	14	14	14	16	16
LOWER CENTER POINT	19	19	19	19	19	19	18	18	18	21	21	25	29	33	29	29
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5569	5604	5568	5483	5580	5597	5609	5631	5624	5696	5730	5728	5905	5905	5871	5900
RIVER AT NOTUS	358	297	294	320	353	328	240	150	118	106	118	98	71	68	73	59
TOTALS	5927	5901	5852	5803	5933	5925	5849	5781	5742	5802	5848	5826	5976	5963	5944	6019

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 54

DAYS DURING THE IRRIGATION SEASON OF 1955, INCLUDING STORAGE

JULY

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2763	2763	2763	2914	2914	2914	2914	2914	2914	2914	2914	2914	2914	2914	2914	2914	2914	2914	2930	2914
12	12	12	12	12	12	13	13	12	12	12	12	13	13	13	13	13	13	11	11
17	17	18	18	18	18	18	18	18	17	17	16	16	16	15	15	15	15	15	15
614	612	609	619	616	630	630	629	629	628	628	628	628	628	623	619	618	623	618	621
184	185	181	180	183	186	186	186	187	190	187	185	184	181	180	180	177	176	180	172
34	34	34	34	31	29	27	25	23	21	21	21	21	21	21	21	21	15	27	29
22	21	21	21	22	22	23	23	24	24	24	24	24	24	24	24	24	24	24	24
34	34	35	34	34	35	34	36	35	35	35	35	34	34	34	35	34	38	38	37
267	269	269	269	268	268	267	267	269	267	230	228	226	226	225	223	227	226	229	228
11	11	12	13	14	15	16	17	18	18	18	20	20	20	20	20	20	20	20	20
71	78	88	87	83	82	74	78	66	64	68	69	62	62	62	62	68	73	76	74
23	24	24	24	24	23	23	23	22	22	22	21	21	20	20	19	19	19	19	18
175	171	167	158	157	158	165	165	161	158	157	163	170	166	162	158	158	151	151	146
48	52	52	52	52	52	52	52	54	54	54	54	46	46	46	46	46	37	37	37
72	76	76	65	65	69	76	83	97	93	89	84	84	82	82	80	80	78	78	76
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
353	366	372	424	418	382	428	435	432	445	441	444	437	421	411	391	390	365	448	421
42	37	37	36	36	37	38	37	36	38	39	40	41	41	39	40	41	45	38	39
42	47	47	52	56	51	68	63	59	61	64	60	52	52	49	49	47	46	37	41
360	359	363	351	353	340	354	354	378	340	381	376	381	381	376	374	372	374	374	376
17	19	19	19	19	22	24	24	24	24	24	24	27	27	27	27	27	27	29	29
18	22	22	22	19	19	17	17	15	15	14	14	14	12	12	12	9	9	9	9
228	233	225	216	216	215	221	224	224	225	225	218	220	220	222	224	220	224	226	226
84	83	87	94	94	91	91	88	88	88	88	88	86	86	86	84	84	84	82	82
86	86	72	64	60	72	72	72	74	78	82	82	82	81	81	80	80	79	78	80
14	14	14	14	14	16	16	18	18	18	23	21	18	18	18	18	17	17	17	18
21	21	25	29	33	29	29	27	27	27	27	27	28	28	28	28	29	29	29	29
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
5606	5730	5728	5905	5895	5871	5960	5973	5988	5981	5966	5952	5933	5904	5874	5840	5832	5803	5804	5862
106	118	98	71	68	73	59	68	113	103	88	77	86	134	197	207	131	96	86	142
5802	5840	5826	5976	5963	5944	6019	6041	6101	6084	6056	6029	6019	6038	6071	6017	5963	5899	5990	6004

SE VALLEY CANALS

CHART NO. 54

55, INCLUDING STORAGE

6	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
114	2914	2914	2914	2914	2914	2914	2914	2914	2914	2914	2914	2930	2914	2902	2628	87,811
13	13	12	12	12	12	13	13	13	13	11	11	11	11	11	11	353
18	18	18	17	17	16	16	16	15	15	15	15	15	15	15	15	484
330	629	629	628	628	628	628	628	623	619	618	623	618	621	614	616	19,182
186	186	187	190	187	185	184	181	180	180	177	176	180	172	171	169	5,653
27	25	23	21	21	21	21	21	21	21	21	15	27	29	31	33	875
23	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	703
34	36	35	35	35	35	34	34	34	35	34	38	38	37	36	37	1,070
267	267	269	267	230	228	226	226	225	223	227	226	229	228	227	226	7,762
16	17	18	18	18	20	20	20	20	20	20	20	20	20	20	20	511
74	78	66	64	68	69	62	62	62	62	68	73	76	74	76	68	2,203
23	23	22	22	22	21	21	20	20	19	19	19	19	18	18	18	663
165	160	161	156	157	163	170	166	162	158	158	151	151	146	143	141	5,087
52	52	54	54	54	54	46	46	46	46	46	37	37	37	37	37	1,414
76	83	97	93	89	84	84	82	82	80	80	78	76	76	76	76	2,405
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	1,705
428	435	432	446	441	444	437	421	411	391	390	365	448	421	404	425	11,357
38	37	36	38	39	40	41	41	39	40	41	45	38	39	40	37	1,226
68	63	59	61	64	60	52	52	49	49	47	46	37	41	41	39	1,537
354	354	376	340	381	376	381	381	376	374	372	374	374	376	372	372	11,186
24	24	24	24	24	24	27	27	27	27	27	27	29	29	29	27	696
17	17	15	15	14	14	14	12	12	12	9	9	9	9	9	9	417
221	224	224	225	225	218	220	220	222	224	220	224	226	226	226	222	7,003
91	88	88	88	88	88	86	86	86	84	84	84	82	82	82	82	2,538
72	72	74	78	82	82	82	81	81	80	80	79	78	86	86	86	2,479
16	18	18	18	23	21	18	18	18	18	17	17	17	18	19	19	539
29	27	27	27	27	27	28	28	28	28	29	29	29	29	29	29	776
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	899
560	5973	5988	5981	5968	5952	5933	5904	5874	5840	5832	5803	5704	5662	5722	5550	179,136
59	68	113	103	88	77	86	134	197	207	131	96	86	142	214	210	4,993
619	6041	6101	6084	6056	6029	6019	6038	6071	6017	5963	5899	5990	6004	5936	5760	164,129

DISCHARGE IN SECOND FEET OF BOISE
BY DAYS DURING THE IRRIGATION SEASON OF 195

NAME OF CANAL	AUGUST															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NEW YORK CANAL	2321	0	0	0	0	0	592	1993	2472	2472	2524	2550	2606	2632	2662	2718
PENITENTIARY	11	11	11	11	11	9	9	8	8	8	8	8	8	6	6	6
BUBB (SOUTH BOISE)	15	15	15	14	14	14	12	12	12	12	12	12	12	12	12	13
RIDENBAUGH	522	619	619	617	616	616	611	611	614	611	614	609	606	606	589	589
SETTLERS	173	172	173	171	173	173	172	173	173	173	169	169	169	169	171	171
THURMAN MILL	35	35	35	36	37	38	39	40	41	40	39	38	37	36	35	34
CRUZEN (CONSUMERS)	24	24	24	24	24	23	23	22	22	22	22	22	22	22	22	21
BOISE CITY	36	36	35	32	32	32	32	31	32	32	32	31	31	30	31	30
FARMERS UNION & B. V.	229	229	228	227	224	224	230	231	229	227	227	227	227	227	228	232
NEW UNION	22	22	20	18	16	14	14	14	15	16	17	18	18	17	16	16
NEW TRY CREEK	67	63	61	57	64	63	66	67	56	54	56	56	55	54	54	58
BALLANTINE	16	16	16	16	16	16	17	17	17	18	18	20	20	20	22	22
MIDDLETON CANALS	140	137	133	135	107	105	98	97	100	98	125	137	132	132	132	143
LITTLE PIONEER	37	37	37	37	37	37	35	35	35	35	35	35	47	44	29	29
CANYON COUNTY	73	73	73	73	73	73	65	65	65	65	65	65	73	73	72	72
EAGLE ISLAND CANALS	55	41	41	33	33	33	33	33	33	33	33	33	33	33	33	33
PHYLLIS	430	387	430	400	409	385	370	365	375	378	408	394	429	406	456	420
EUREKA #1	38	36	38	37	37	36	35	40	37	38	30	31	33	34	36	36
CALDWELL HIGH LINE	38	47	46	46	44	61	61	70	70	70	67	75	75	64	59	52
SEBREE (FARMERS CO-OP)	375	375	375	380	372	373	372	369	375	375	374	372	372	372	374	374
CAMPBELL	14	14	14	14	14	17	17	19	19	22	22	19	19	19	19	19
SIEBENBERG	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
RIVERSIDE #2	222	224	227	239	225	227	227	231	228	237	228	220	225	221	218	218
PIONEER LIXIE	86	84	81	72	81	81	81	81	84	84	84	84	83	83	82	82
EUREKA #2	62	62	62	73	73	73	73	73	73	78	82	83	84	85	86	87
UPPER CENTER POINT	16	16	15	15	15	16	16	17	17	18	19	19	18	18	18	18
LOWER CENTER POINT	28	28	28	27	27	25	23	22	21	20	19	19	21	21	23	23
MISCELLANEOUS	29	22	22	17	17	17	17	17	17	17	17	17	17	17	17	17
TOTAL CANAL DIVERSIONS	5123	2834	2868	2830	2800	2790	3349	4762	5249	5262	5355	5372	5481	5462	5511	5542
RIVER AT NOTUS	228	194	106	77	106	120	103	77	70	92	101	118	106	101	64	81
TOTALS	5351	3028	2974	2907	2906	2910	3452	4839	5319	5354	5456	5490	5587	5563	5675	5623

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 5-D

BY DAYS DURING THE IRRIGATION SEASON OF 1955, INCLUDING STORAGE

AUGUST

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2472	2472	2524	2550	2606	2632	2662	2718	2774	2774	2774	2774	2774	2774	2774	2774	2790	2800	2815	2815	2815
8	8	8	8	6	6	6	6	7	7	8	9	8	9	5	5	5	5	5	5	5
12	12	12	12	12	12	12	13	13	14	14	15	15	16	17	17	16	15	15	14	14
614	611	614	609	606	606	589	589	589	588	585	585	585	585	593	592	590	540	583	581	581
173	173	169	169	169	169	171	171	171	170	170	170	0	153	153	173	173	172	169	168	168
41	40	39	38	37	36	35	34	34	34	34	34	34	34	35	35	35	35	35	35	35
22	22	22	22	22	22	22	21	21	21	21	21	21	21	22	22	22	22	21	21	21
32	32	32	31	31	30	31	30	30	31	31	30	28	31	32	30	30	29	29	30	29
229	227	227	227	227	227	229	232	232	232	232	232	232	232	231	232	231	230	229	227	227
15	16	17	18	18	17	16	16	15	15	14	14	13	13	13	13	13	13	13	13	13
56	54	56	56	55	54	54	58	58	58	58	58	58	58	51	56	57	56	59	58	58
17	18	18	20	20	20	22	22	20	18	16	14	12	11	11	11	11	11	11	11	11
100	98	125	137	132	132	132	143	143	138	137	136	132	133	136	136	135	135	136	136	136
35	35	35	35	47	44	29	29	29	29	28	28	28	44	52	44	44	44	44	44	44
65	65	65	65	73	73	72	72	72	72	64	64	72	72	79	79	79	72	72	72	72
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
375	378	408	394	429	406	456	420	428	426	416	410	395	396	411	398	398	395	388	389	385
37	38	30	31	33	34	36	36	32	32	32	32	28	33	31	30	30	29	28	28	27
70	70	67	75	75	64	59	52	54	54	54	54	46	45	45	45	45	42	42	42	48
375	375	374	372	372	372	374	374	373	378	379	380	386	390	386	380	385	392	386	387	384
19	22	22	19	19	19	19	19	19	19	21	21	21	23	23	23	25	25	25	24	24
9	9	9	9	9	9	9	9	9	11	11	11	11	11	11	11	14	14	14	14	15
228	237	228	220	225	221	218	219	219	223	224	225	227	224	229	231	229	228	233	233	233
84	84	84	84	83	83	82	82	81	81	80	79	77	76	75	73	71	69	69	69	69
73	78	82	83	84	85	86	87	89	91	91	91	91	89	89	0	0	0	85	90	95
17	18	19	19	18	18	18	18	18	18	19	20	21	22	23	25	26	27	27	27	21
21	20	19	19	21	21	23	23	23	26	0	0	21	26	29	33	36	36	32	29	21
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
5249	5262	5355	5372	5481	5462	5511	5542	5601	5610	5563	5557	5394	5574	5606	5518	5540	5539	5615	5612	5563
70	92	101	118	106	101	64	81	75	81	108	68	52	75	86	168	203	187	136	106	125
5319	5354	5456	5490	5587	5563	5575	5623	5676	5691	5671	5645	5446	5649	5692	5686	5743	5726	5751	5720	5718

E. VALLEY DRILLS

CHART NO. 5-D

MS, INCLUDING STORAGE

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
18	2774	2774	2774	2774	2774	2774	2774	2774	2790	2800	2815	2815	2815	2815	2815	67,399
6	7	7	8	9	8	9	5	5	5	5	5	5	9	12	13	251
13	13	14	14	15	15	16	17	17	16	15	15	14	14	12	12	427
85	588	588	585	585	585	585	593	592	590	590	583	581	569	570	566	18,420
71	171	170	170	170	0	153	153	173	173	172	169	168	167	165	165	5,094
34	34	34	34	34	34	34	35	35	35	35	35	35	34	34	34	1,111
21	21	21	21	21	21	21	22	22	22	22	21	21	21	20	20	680
80	30	31	31	30	28	31	32	30	30	29	29	30	29	30	30	965
102	232	232	232	232	232	232	231	232	231	230	229	227	226	227	227	7,098
16	15	15	14	14	13	13	13	13	13	13	13	13	13	13	13	474
58	58	58	58	58	58	58	51	56	57	56	59	58	58	56	56	1,806
20	16	16	14	12	11	11	11	11	11	11	11	11	11	10	10	475
143	138	137	136	132	133	136	136	136	135	135	136	136	133	133	124	3,974
28	28	28	28	28	44	52	44	44	44	44	44	44	44	52	52	1,187
72	72	64	64	72	72	79	79	79	72	72	72	72	72	72	72	2,203
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	1,061
428	425	416	410	395	398	411	398	398	395	388	388	388	385	390	385	12,454
32	32	32	32	28	33	31	30	30	29	28	28	27	27	27	27	1,018
52	54	54	54	54	46	45	45	45	45	42	42	42	48	48	48	1,567
373	373	378	379	380	386	390	386	383	385	392	386	387	384	386	388	11,739
19	19	19	21	21	21	23	23	23	25	25	25	24	24	24	24	622
9	9	11	11	11	11	11	11	11	14	14	14	14	15	15	15	331
219	219	223	224	225	227	224	229	231	229	228	233	233	233	229	229	7,033
81	81	80	79	77	76	75	73	71	69	69	69	69	69	69	69	2,420
89	89	91	91	91	91	89	89	0	0	0	85	90	95	103	103	2,310
18	18	18	19	20	21	22	23	25	26	27	27	27	21	18	18	601
23	23	26	0	0	21	26	29	33	36	36	32	29	27	25	23	741
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	549
5601	5610	5563	5557	5394	5574	5606	5518	5540	5539	5615	5612	5563	5606	5588		154,106
75	81	108	68	52	75	86	168	203	187	136	108	125	110	96		3,442
5676	5651	5671	5645	5446	5649	5692	5686	5743	5726	5751	5720	5718	5716	5684		157,548

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

NAME OF CANAL	SEPTEMBER														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2920	2920	2920	2900	2920	2920	2920	2920	2920	2920	2920	2920	2920	2707	2707
PENITENTIARY	13	13	12	12	12	12	12	12	9	8	8	5	5	5	4
BIGGS (SOUTH BOISE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
RIDENBAUGH	569	564	562	567	566	567	565	562	555	553	520	526	513	442	441
SETTLERS	163	163	162	161	161	160	161	160	161	160	159	157	157	122	121
THORMAN MILL	32	32	30	30	29	29	29	29	28	28	28	28	26	23	23
CRUZEN (CONSUMERS)	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
BOISE CITY	30	30	31	31	31	27	28	28	29	29	29	29	25	30	30
FARMERS UNION & B. V.	224	212	211	211	205	205	205	200	200	200	200	193	194	195	186
NEW UNION	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11
NEW TRY CREEK	54	54	66	74	72	72	70	55	55	51	51	51	56	62	54
BALLANTINE	12	12	12	15	15	15	15	15	15	12	12	12	12	12	12
MIDDLETON CANALS	133	132	131	129	125	125	125	127	127	120	120	112	114	105	95
LITTLE PIONEER	44	44	46	46	46	46	37	24	24	24	24	22	22	14	14
CANYON COUNTY	68	68	68	68	74	74	74	67	67	67	67	57	57	68	68
FAULE ISLAND CANALS	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
PHYLLIS	380	377	390	377	363	356	368	342	325	325	318	306	290	295	268
EUREKA #1	27	27	26	26	25	25	25	26	25	25	24	22	22	20	20
CALDWELL HIGH LINE	50	50	53	52	56	56	56	56	56	56	56	39	40	39	30
SEEDS (FARMERS CONOP)	385	379	390	373	373	366	361	349	350	350	350	340	345	346	327
CAMPBELL	24	24	24	24	24	23	23	23	23	23	23	23	24	24	24
SIEBENBERG	12	12	12	12	12	12	12	10	10	10	10	10	10	9	9
RIVERSIDE #2	214	214	218	218	225	225	230	230	228	224	220	216	212	212	206
PIONEER EXHIB	69	69	65	65	69	69	54	54	51	54	54	54	54	56	56
EUREKA #2	114	114	114	114	114	114	114	103	103	103	101	99	95	95	89
UPPER CENTER POINT	16	16	17	17	16	19	20	19	19	16	16	17	17	17	16
LOWER CENTER POINT	22	22	21	20	19	19	18	17	16	16	16	16	16	16	16
MISCELLANEOUS	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
TOTAL CANAL DIVERSIONS	5070	4953	5066	5045	4941	4920	4916	5411	5416	5389	5337	5265	5226	5025	4717
RIVER AT NOTUS	96	90	101	150	177	171	177	207	200	214	247	280	315	333	493
TOTALS	5666	5643	5667	5675	5721	5691	5693	5648	5616	5603	5584	5545	5541	5318	5210

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

NAME OF CANAL	SEPTEMBER														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2920	2820	2820	2800	2820	2820	2820	2820	2820	2820	2820	2820	2820	2707	2707
RENTENTARY	13	13	12	12	12	12	12	12	9	8	8	5	5	5	4
BLISS (SOUTH BOISE)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
HITENBAUGH	569	564	562	567	566	567	565	562	555	553	520	526	513	442	441
SETTLERS	163	163	162	161	161	160	161	160	161	160	159	157	157	122	121
THURMAN MILL	32	32	30	30	28	28	28	28	28	28	28	28	25	23	23
OPUZEN (CONSUMERS)	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
BOISE CITY	30	30	31	31	31	27	28	28	29	29	29	29	25	30	30
FARMERS UNION & B. V.	224	212	211	211	205	205	205	204	204	204	204	193	194	195	196
NEW UNION	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11
NEW TRY CREEK	54	54	66	74	72	72	70	55	55	51	51	51	56	62	54
BALLANTINE	12	12	12	15	15	15	15	15	15	12	12	12	12	12	12
MIDDLETON CANALS	133	132	131	129	125	125	125	127	127	120	120	112	114	108	85
LITTLE PIONEER	44	44	45	46	46	46	37	24	24	24	24	22	22	14	14
CANYON COUNTY	68	68	68	68	74	74	74	67	67	67	67	57	57	68	67
EALE ISLAND CANALS	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
PHILLIS	380	387	390	377	363	356	368	342	329	325	318	306	290	295	268
EUREKA #1	27	27	26	26	25	25	25	26	25	25	24	22	22	22	20
CALDWELL HIGH LINE	50	50	53	52	56	56	56	56	56	56	56	34	40	39	30
GEORGE (FARMERS CO-OP)	385	379	380	373	373	360	361	349	359	359	354	340	345	316	337
CAMPBELL	24	24	24	24	24	23	23	23	23	23	23	23	24	24	21
SIEBENBERG	12	12	12	12	12	12	12	10	10	10	10	10	10	9	9
RIVERSIDE #2	214	214	218	218	225	225	230	230	228	224	220	216	212	212	206
PIONEER CREEK	69	69	65	65	59	59	54	54	51	54	54	54	54	58	58
EUREKA #2	114	114	114	114	114	114	114	103	103	103	101	99	95	95	89
UPPER CENTER POINT	16	16	17	17	16	16	20	19	19	18	18	17	17	17	16
LOWER CENTER POINT	22	22	21	20	19	19	18	17	16	16	16	16	16	16	16
MISCELLANEOUS	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
TOTAL CANAL DISCHARGES	5570	5553	5566	5545	5541	5520	5516	5441	5416	5384	5377	5265	5226	5085	4940
RIVER AT NOTUS	96	90	101	152	177	171	177	207	200	214	247	260	315	333	453
TOTALS	5666	5643	5667	5697	5718	5691	5693	5648	5616	5643	5644	5545	5541	5390	5388

CHART NO. 5-E

SEPTEMBER

[illegible]

LEY CANALS

CHART NO. 5-E

INCLUDING STORAGE

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
539	2456	2368	2316	2255	2230	2190	2140	2140	2140	2115	2140	2150	2140		75,976
4	4	4	4	4	4	4	4	4	4	4	4	4	4		202
12	12	12	12	12	12	12	12	12	12	12	12	12	12		360
438	409	396	392	380	363	336	330	330	330	330	342	349	359		13,620
100	98	89	88	72	72	72	72	72	72	72	72	56	56		3,494
21	19	18	18	18	18	18	18	18	18	18	18	18	18		696
21	21	21	21	21	21	21	21	21	21	21	21	21	21		630
28	28	21	24	24	24	27	27	27	26	26	26	26	26		830
152	165	176	166	156	156	145	145	145	145	145	145	140	140		5,469
9	9	9	9	9	9	9	9	9	9	9	9	9	9		314
36	35	34	34	34	32	32	32	32	23	23	23	23	23		1,358
12	12	9	9	9	9	9	9	9	11	11	11	11	11		352
87	89	85	85	85	86	75	65	66	66	66	66	66	66		2,951
14	14	21	24	24	24	24	24	21	21	18	18	18	18		777
72	54	44	44	44	52	52	52	44	44	44	44	44	44		1,766
33	33	33	33	33	33	33	33	33	33	33	33	33	33		990
127	175	172	146	140	129	124	125	132	128	127	138	138	138		7,330
14	11	20	20	20	18	27	27	27	27	26	26	26	26		704
42	31	32	32	32	32	32	32	30	30	30	30	30	30		1,223
307	303	281	257	243	238	234	229	229	225	243	243	243	234		9,264
23	22	22	21	19	19	19	19	19	19	19	19	19	19		654
9	9	9	9	9	9	9	9	9	9	9	9	9	9		297
202	232	232	196	196	196	196	188	188	178	178	171	171	171		6,133
56	56	56	56	56	56	56	56	56	56	56	56	56	56		1,734
83	76	69	66	66	66	66	66	66	66	66	66	66	66		2,635
15	15	14	12	12	12	12	12	12	14	14	14	14	14		486
15	15	14	14	12	12	12	12	12	12	12	12	12	12		464
17	17	17	17	17	17	17	17	17	17	17	17	17	17		510
408	4109	4251	4125	4012	3949	3863	3786	3780	3756	3746	3759	3785	3776		141,199
658	642	586	572	572	539	487	450	436	410	348	302	276	268		10,430
5256	5051	4637	4697	4584	4488	4350	4236	4218	4166	4094	4091	4061	4044		151,629

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1955

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
BOARD OF CONTROL (MC #2)	30944	137186	160708	175622	134798	151552	791210
PENITENTIARY		224	652	706	502	404	2488
BUBB (SOUTH BOISE)		588	1052	968	854	720	4182
RIDENBAUGH	2852	23242	37888	38364	36840	27240	166426
SETTLERS	656	7298	11876	11306	10168	6988	48292
THURMAN MILL		1006	2318	1750	2222	1392	8686
CONSUMERS	510	934	1394	1406	1360	1260	6864
BOISE CITY		1226	2066	2140	1930	1660	9022
FARMERS UNION	1554	7812	13574	12734	11612	8944	50037
BOISE VALLEY	472	2222	2934	2790	2584	1994	19189
NEW UNION		640	1014	1022	948	628	4252
CRY CREEK		2800	4670	4406	3612	2716	18204
BALLANTINE		848	1576	1326	950	704	5404
MIDDLETON CANALS		6990	11310	10174	7948	5902	42324
LITTLE PIONEER		1430	2520	2628	2374	1554	10706
CANYON COUNTY		3866	5246	4810	4406	3532	21860
EAGLE ISLAND CANALS		2860	3300	3410	2122	1980	13672
PHYLLIS	2880	15588	26896	23914	24908	14660	108846
EUREKA #1		1360	2654	2452	2036	1408	9910
CALDWELL HIGH LINE		2288	4252	3074	3334	2446	15094
FARMERS CO-OP	4438	16588	21354	22372	23478	18528	106758
CAMPBELL		1048	1106	1396	1244	1308	6102
SEIBENBERG		522	682	834	662	594	3294
RIVERSIDE	6650	8308	12118	14006	14066	12266	67474
PIONEER IIXIE	402	4624	9542	5076	4640	3468	23952
EUREKA #2	1580	4158	5062	4958	4632	5270	25960
UPPER CENTER POINT	244	766	922	1078	1202	932	5144
LOWER CENTER POINT		892	1130	1552	1482	928	5984
MISCELLANEOUS		1508	1740	1798	1098	1020	7164
TOTALS	53182	259182	347556	358272	306212	282398	1608802

BOISE RIVER CANAL DIVERSIONS

BEGINNING 1940

	1940	1941	1942	1943	1944	1945	1946	1947	
BOARD OF CONTROL	567126	600416	660248	767530	616514	681738	721472	772628	7
PENITENTIARY	1746	1582	1570	2062	1764	1656	2212	2806	
BURB	3918	4740	4154	4874	4338	5316	5172	5204	
RIDENBAUGH	148658	160804	144804	161430	126146	129942	154442	157198	
SETTLERS	40520	46556	43064	50092	40062	42006	47080	49380	
THURMAN MILL	9532	9410	11612	9098	9670	11770	9086	10456	
CONSUMERS WATER CO.	6826	5658	6630	6884	5888	7078	6726	6566	
BOISE CITY	9114	10006	9206	9966	8940	8468	9352	9398	
FARMERS UNION	26168	35618	35736	36190	29700	32990	38252	38616	
CAPITAL VIEW IRR. DIST.	3468	3560	2262	2174	2022	2120	2190	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	3250	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	19920	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	17852	17618	20424	20730	18832	16348	
FARMERS CO-OP.	69200	78736	80164	98038	70786	77654	93136	85200	
CAMPBELL (CANYON)	3824	4272	5040	5510	4422	5164	5944	5446	
SIEBENBERG	2862	2774	2102	2298	2488	2350	2658	2644	
RIVERSIDE	47128	60012	52152	54118	41694	48758	43604	50496	
PIONEER DIXIE	12184	11994	13566	12706	15336	15078	13472	16430	
EUREKA NO. 2	15416	14750	12896	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	14
NEW YORK CANAL DIVERSIONS									
OCTOBER 1 TO MARCH 31	172234	175014	151154	152266	145568	151102	153260	166220	14
IRRIGATION REQUIREMENTS BELOW									
DIVERSION DAM DURING OCTOBER	19562	22856	28638	25370	25074	14858	18364	22846	3
AMOUNT PASSING DIVERSION DAM									
FROM NOVEMBER 1 TO APRIL 1	35898	29972	39348	437346	32026	29302	69026	115740	2
TOTAL	1454312	1563068	1563780	2150636	1451664	1539552	1703586	1829808	162
SUMMER RETURN FLOW	263936	334394	281650	275886	248672	264190	291322	339546	256
TOTAL AMOUNT AVAILABLE	1718248	1897462	1845430	2426522	1700336	1803742	1994908	2169354	1877

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

CHART

BEGINNING 1940

1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
1738	721472	772628	725750	806420	820502	856926	863356	839026	945306	791210
1656	2212	2806	2470	3350	2642	2766	2732	2356	2778	2488
5316	5172	5204	4090	4286	4310	4586	3890	4368	5494	4182
9942	154442	157198	131982	155814	166250	173836	171742	176828	192808	166426
2006	47080	49390	43716	52782	52044	53446	52510	49936	55290	48292
1770	9086	10456	9642	8714	10402	10500	9644	8880	8788	6688
7078	6726	6566	5632	6978	6828	5562	6756	6260	7876	6664
8468	9352	9398	7914	9034	9512	10412	9328	9254	10114	9022
2990	38252	38616	30678	43591	51276	58274	46696	47750	52309	48161
2120	2180	2076	2040	2286	2556	2554	2470	2198	2198	1876
4976	17686	16866	15208	18915	18420	13068	19404	22920	23821	19189
4016	3984	4376	3784	3932	4218	5224	4180	4534	5938	4252
0094	19218	18772	15442	19736	19120	19954	16782	19298	20136	18204
3706	4076	5036	4478	4802	5346	5328	5242	5858	6638	5404
9456	28628	27582	25136	30932	29866	32773	31067	32089	33263	23701
4728	19084	18388	16758	20622	19924	21849	20711	21393	22175	18623
9202	10692	10586	8228	9828	11322	10944	11666	11062	12276	10706
9900	20354	21648	18170	19068	23262	23282	24374	23948	25984	21860
2060	13772	13746	13056	14674	15244	15400	16744	16256	16006	13672
4672	107768	107128	98968	112320	116662	113870	114114	103862	118430	108846
8034	8332	9502	7964	8982	9654	10300	9662	9864	10938	9910
0730	18832	16348	13130	14210	14068	14906	13330	15824	19310	15394
7664	93136	85200	79448	82910	93470	102484	107814	105996	119806	106758
5164	5944	5446	4440	5032	5596	6406	6168	6102	6400	6102
2350	2658	2644	3158	2890	2926	3120	3272	3528	3930	3294
3758	43604	50496	69160	54346	68812	66594	68458	63526	69950	67174
5078	13472	16430	12978	18544	18388	21046	21098	18876	24476	23952
4818	19674	23718	20724	22568	25752	25668	24708	27754	29656	25960
4090	4438	4392	4758	5438	5824	5994	5970	7088	6930	5144
3784	3788	4410	5832	5216	5736	5920	5790	6206	6534	5584
7926	7822	7760	7338	8258	8344	8432	8592	8676	8556	7164
4290	1462936	1525002	1412102	1578478	1644296	1714424	1708290	1681518	1874314	1,508802
102	153260	166220	149012	123492	137978	133610	104267	154382	147710	103968
858	18364	22846	31464	17398	6728	33224	15098	19962	21910	22198
302	69026	115740	28056	204000	40612	168678	651928	151184	170776	622
552	1703586	1829808	1620634	1923368	1829614	2049936	2479584	2007046	2214710	1,735590
190	291322	339546	256714	330110	400206	471172	494974	480208	508274	396138
742	1994908	2169354	1877348	2253478	2229820	2521106	2974558	2487254	2722984	2,131728

IN ACRE FEET

CHART NO. 7

	1949	1950	1951	1952	1953	1954	1955
808420	820502	856426	863356	839026	945306	791210	
3350	2642	2766	2732	2356	2778	2488	
4286	4310	4586	3890	4368	5494	4182	
155811	166250	173836	171742	176828	192808	166426	
52792	52041	53446	52510	49936	55290	48292	
8714	10402	10500	9644	8880	8788	6688	
6979	6828	5562	6756	6260	7876	6664	
9034	9512	10412	9328	9254	10114	9022	
43591	51276	58274	46696	47750	52309	48161	
2286	2556	2554	2470	2198	2198	1876	
18615	18420	13068	19404	22920	23621	19189	
3932	4218	5224	4180	4534	5938	4252	
19736	19120	19954	16782	19298	20136	18204	
4802	5346	5328	5242	5858	6838	5404	
30432	29886	32773	31067	32089	33263	23701	
20622	19024	21849	20711	21393	22175	18623	
9828	11322	10944	11666	11062	12276	10706	
19068	23262	23282	24374	23948	25984	21860	
14674	15244	15400	16744	16256	16006	13672	
112320	116662	113870	114114	103952	118430	108846	
8582	9654	10300	9682	9864	10938	9910	
14210	14068	14906	13330	15824	19310	15394	
82910	93470	102484	107814	105996	119806	106758	
5032	5996	6406	6168	6102	6400	6102	
2850	2926	3120	3272	3528	3930	3294	
54346	68812	69594	68458	63526	69950	67474	
18544	18388	21046	21098	18876	24476	23952	
22568	28752	25608	24708	27754	29656	25960	
5438	5824	5944	5970	7088	6930	5144	
5216	5736	5920	5790	6208	6534	5984	
5258	8344	8432	8592	8676	8556	7164	
1578478	1644296	1714424	1708290	1681518	1874314	1,608802	
123452	137978	133610	104267	154382	147710	103968	
17388	6728	33224	15098	19962	21910	22198	
204000	40612	168678	651928	151184	170776	622	
1823368	1629614	2049936	2479584	2007046	2214710	1,735590	
330110	400206	471172	494974	480208	508274	396138	
2253478	2229820	2521108	2974558	2487254	2722984	2,131728	

TRIBUTARY AND RETURN
IRRIGATION SEAS

APRIL

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	DRAINAGE DISTRICT #3	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
2.	DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3.	THURMAN DRAIN	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
4.	BOISE SEWER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5.	EAGLE DRAIN	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13
6.	SOUTH MIDDLETON DRAIN	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
7.	NORTH MIDDLETON DRAIN	25	25	25	31	31	37	37	37	40	40	40	40	30	30	30
8.	HARTLEY DRAIN	5	5	5	5	5	5	5	5	5	5	5	5	36	36	36
9.	PHYLLIS WASTE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10.	MASON CREEK	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11.	WILLOW CREEK	4	4	4	4	4	4	4	4	4	4	4	4	5	12	23
12.	INDIAN CREEK	151	154	157	160	163	166	169	172	172	186	198	208	208	202	196
13.	MASON DRAIN	35	35	35	35	35	35	35	42	42	42	42	56	56	56	56
14.	HARTLEY GULCH	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TOTALS		304	307	310	319	322	331	334	344	347	361	374	398	395	396	401

MAY

1.	DRAINAGE DISTRICT #3	12	12	14	14	14	14	16	16	16	16	19	19	19	19	19
2.	DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3.	THURMAN DRAIN	11	11	11	12	12	12	13	13	13	15	16	16	17	17	15
4.	BOISE SEWER	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
5.	EAGLE DRAIN	14	14	16	18	22	26	31	33	33	33	36	36	36	38	38
6.	SOUTH MIDDLETON DRAIN	41	41	41	41	41	43	46	51	53	57	65	65	65	65	85
7.	NORTH MIDDLETON DRAIN	27	27	25	25	25	25	25	25	25	25	25	25	25	25	29
8.	HARTLEY DRAIN	9	9	9	9	9	9	9	9	9	11	15	21	26	30	37
9.	PHYLLIS WASTE	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
10.	MASON CREEK	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11.	WILLOW CREEK	15	15	15	15	21	21	21	66	52	30	29	21	12	8	8
12.	MASON DRAIN	37	37	37	37	29	29	29	29	29	29	29	29	21	21	21
13.	INDIAN CREEK	119	114	109	105	99	95	91	87	83	79	93	106	119	142	164
14.	HARTLEY GULCH	2	2	2	2	2	2	3	4	5	6	8	10	12	12	21
TOTALS		309	304	301	300	296	298	306	355	340	323	357	370	374	399	462

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

CHART NO. 8

IRRIGATION SEASON OF 1955

APRIL

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
11	11	11	11	11	11	11	14	14	14	14	14	14	12	12	12	12
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9
13	13	13	13	13	13	13	13	13	14	14	14	14	12	12	12	12
30	30	30	30	30	30	30	30	30	32	32	32	32	32	32	32	32
40	40	36	36	36	36	36	36	36	32	32	32	32	29	29	29	29
5	5	5	5	5	7	7	7	7	7	7	7	7	7	7	7	7
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
4	4	5	12	23	35	42	56	56	60	60	60	35	35	25	23	23
198	208	208	202	196	190	184	178	172	165	169	174	178	163	187	192	174
42	56	56	56	56	56	65	65	65	65	65	65	65	65	65	56	56
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
374	398	395	396	401	409	419	430	424	420	425	430	409	408	402	396	378

MAY

19	19	19	19	19	19	19	21	21	21	21	21	21	21	19	19	19
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	16	17	17	16	18	19	19	19	21	21	22	22	23	23	24	24
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
36	36	36	38	38	38	38	42	42	46	46	48	48	52	52	56	56
65	65	65	65	85	95	98	101	101	101	106	106	111	111	111	111	101
25	25	25	25	29	35	38	43	43	43	43	43	43	43	43	43	43
15	21	26	30	37	42	42	42	42	42	42	47	47	47	47	47	47
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	9	9
4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6
29	21	12	8	8	42	34	39	39	39	44	44	15	8	8	12	12
29	29	21	21	21	21	21	21	35	35	42	42	42	56	56	64	64
93	106	119	142	164	189	177	164	165	166	167	168	169	170	171	172	173
8	10	12	12	21	30	30	30	25	25	25	18	18	12	12	12	18
357	370	374	399	462	551	539	545	555	562	580	582	559	566	565	586	583

OW TO BOISE RIVER

CHART NO. 8

OF 1955

A

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
11	11	14	14	14	14	14	14	12	12	12	12	12	12	12		355
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		60
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		330
8	8	8	8	8	8	8	8	9	9	9	9	9	9	9		247
13	13	13	13	14	14	14	14	12	12	12	12	12	12	12		377
30	30	30	30	32	32	32	32	32	32	32	32	36	38	38		938
36	36	36	36	32	32	32	32	29	29	29	29	27	27	27		985
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		180
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		150
3	3	3	3	3	4	4	4	4	4	4	4	4	4	4		100
35	42	56	56	60	60	60	35	35	25	23	23	23	22	20		663
190	184	178	172	165	169	174	178	183	187	192	174	156	138	119		5,221
56	65	65	65	65	65	65	65	65	65	56	56	42	42	42		1,516
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		60
409	419	430	424	420	425	430	409	408	402	396	378	346	331	310		11,182

M

19	19	21	21	21	21	21	21	21	19	19	19	19	19	19	19	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	557
18	19	19	19	21	21	22	22	23	23	24	24	24	24	24	24	62
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	558
38	38	42	42	46	46	48	48	52	52	56	56	56	56	56	56	280
95	98	101	101	101	106	106	111	111	111	111	101	101	101	101	101	1,212
35	38	43	43	43	43	43	43	43	43	43	43	43	43	43	43	2,457
42	42	42	42	42	42	47	47	47	47	47	47	47	47	47	47	1,058
7	7	7	7	7	7	7	7	7	7	9	9	11	11	11	11	943
4	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	237
42	34	39	39	39	44	44	15	8	8	12	12	19	57	57	57	145
21	21	21	35	35	42	42	42	56	56	64	64	72	84	90	90	875
189	177	164	165	166	167	168	169	170	171	172	173	174	176	178	180	1,278
30	30	30	25	25	25	18	18	12	12	12	18	18	24	24	24	4,364
551	539	545	555	562	580	582	559	566	565	586	583	601	659	667	670	14,464

TRIBUTARY AND RETURN
IRRIGATION SE

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	JUN
1.	DRAINAGE DISTRICT #3	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22
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	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
5.	EAGLE DRAIN	58	58	58	58	58	60	60	60	60	60	60	60	60	60	60
6.	SOUTH MIDDLETON DRAIN	98	103	106	106	111	111	115	115	121	121	121	131	131	131	131
7.	NORTH MIDDLETON DRAIN	42	42	42	42	42	45	45	45	45	45	47	47	47	47	47
8.	HARTLEY DRAIN	51	51	51	51	51	51	51	51	51	51	59	64	64	64	64
9.	PHYLLIS WASTE	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
10.	MASON CREEK	8	8	8	8	8	8	9	9	9	10	10	10	10	11	11
11.	WILLOW CREEK	59	59	59	59	59	35	35	35	35	35	44	44	44	50	50
12.	MASON DRAIN	90	90	90	90	90	90	90	90	90	90	90	90	91	91	91
13.	INDIAN CREEK	182	184	186	188	189	190	191	192	198	204	210	216	223	229	236
14.	HARTLEY GULCH	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
TOTALS		686	693	698	700	706	688	695	696	708	715	740	761	771	784	788

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	JUL
1.	DRAINAGE DISTRICT #3	24	24	24	24	24	24	24	24	24	24	24	24	26	26	26
2.	DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3.	THURMAN DRAIN	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
4.	BOISE SEWER	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5.	EAGLE DRAIN	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
6.	SOUTH MIDDLETON DRAIN	120	120	120	111	111	111	97	97	97	92	92	92	87	87	87
7.	NORTH MIDDLETON DRAIN	67	67	67	67	67	70	70	70	70	70	70	70	70	70	65
8.	HARTLEY DRAIN	71	71	71	71	71	71	63	63	63	63	63	63	51	51	51
9.	PHYLLIS WASTE	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
10.	MASON CREEK	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
11.	WILLOW CREEK	28	28	28	28	23	23	23	23	23	23	23	23	23	23	23
12.	MASON DRAIN	150	148	146	144	142	140	138	135	132	129	126	126	130	132	134
13.	INDIAN CREEK	256	259	262	264	266	268	270	269	268	267	266	265	264	258	251
14.	HARTLEY GULCH	25	25	25	21	21	21	18	18	18	16	16	16	14	14	14
TOTALS		867	868	869	856	851	854	829	825	821	810	806	807	791	787	777

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

CHART NO. B-4

IRRIGATION SEASON OF 1955

JUNE

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
22	22	22	22	22	22	22	22	22	22	22	22	21	21	21	22	22
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	24	24	24	24	24	24	24	24	24
11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12
60	62	62	62	62	62	62	62	62	62	62	62	62	62	62	60	60
131	131	131	131	131	131	131	131	135	135	135	135	132	128	128	128	120
47	47	47	47	51	51	51	51	51	59	59	59	59	59	67	67	67
64	64	64	64	64	64	64	64	64	67	67	67	67	71	71	71	71
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
10	10	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12
44	44	50	50	55	55	50	44	44	44	44	35	35	35	28	28	28
90	91	91	91	95	99	103	107	111	115	119	123	127	131	135	139	143
216	223	229	236	242	238	234	229	224	219	214	219	225	230	235	240	245
27	27	27	24	24	24	24	24	24	24	24	24	24	24	24	24	25
761	771	784	788	807	807	802	795	798	808	808	808	814	823	834	842	844

JULY

24	26	26	26	26	26	26	26	26	26	24	24	24	24	24	24	24
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	23	23	23	23	23	23	21	21	21	21	21	21	23	23	23	23
12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13
61	61	61	61	61	61	61	61	61	61	61	61	61	62	62	62	62
92	87	87	87	87	87	87	87	87	87	87	87	87	87	87	86	86
70	70	70	65	65	61	57	57	51	51	46	46	39	39	39	32	32
63	51	51	51	51	51	51	51	51	51	51	56	56	56	56	56	56
14	14	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12
13	13	13	13	13	9	9	9	9	9	7	7	7	7	7	11	11
23	23	23	23	23	23	23	23	23	29	29	29	29	29	29	29	29
126	130	132	134	136	138	140	142	144	146	146	150	151	151	151	149	147
265	264	258	251	244	237	230	230	230	234	238	242	246	251	256	261	256
16	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	16
807	791	787	777	772	759	750	750	746	759	756	767	765	772	777	776	770

June

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
22	22	22	22	22	22	22	21	21	21	22	22	22	22		651
3	3	3	3	3	3	3	3	3	3	3	3	3	3		90
24	24	24	24	24	24	24	24	24	24	24	24	24	24		720
11	11	11	11	11	11	11	11	11	12	12	12	12	12		335
62	62	62	62	62	62	62	62	62	62	60	60	60	60		1,818
131	131	131	135	135	135	135	132	128	128	128	120	120	120		3,692
51	51	51	51	59	59	59	59	59	67	67	67	67	67		1,555
64	64	64	64	67	67	67	67	71	71	71	71	71	71		1,839
12	12	12	12	12	12	12	12	12	12	12	12	12	12		360
11	11	11	11	11	12	12	12	12	12	12	12	12	12		311
55	50	44	44	44	44	35	35	35	26	26	26	26	26		1,283
96	103	107	111	115	119	123	127	131	135	139	143	147	152		3,199
238	234	229	224	219	214	219	225	230	235	240	245	250	253		6,515
24	24	24	24	24	24	24	24	24	24	24	25	25	25		765
807	802	795	798	806	808	808	814	823	834	842	844	853	861	23,133	

July

26	26	26	26	26	24	24	24	24	24	24	24	24	24	24	762
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
23	23	21	21	21	21	21	21	23	23	23	23	23	23	23	701
12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	379
61	61	61	61	61	61	61	61	62	62	62	62	62	62	62	1,898
87	87	87	87	87	87	87	87	87	87	86	86	86	86	86	2,908
61	57	57	51	51	46	46	39	39	39	32	32	32	32	32	1,741
11	51	51	51	51	51	56	56	56	56	56	56	56	56	56	1,818
14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	420
9	9	9	9	9	7	7	7	7	7	11	11	11	11	11	343
23	23	23	23	29	29	29	29	29	29	29	29	29	29	29	799
138	140	142	144	146	146	150	151	151	151	149	147	145	144	144	4,380
237	230	230	230	234	238	242	246	251	256	261	256	251	246	241	7,846
14	14	14	14	15	15	15	15	15	15	15	16	16	18	18	525
756	750	750	746	759	756	767	765	772	777	776	770	763	759	754	24,613

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	DRAINAGE DISTRICT #3	24	24	24	24	24	24	24	24	22	22	22	22	22	25	25
2.	DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3.	THURMAN DRAIN	23	23	23	23	23	23	23	23	23	25	25	25	25	25	25
4.	BOISE SEWER	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5.	EAGLE DRAIN	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
6.	SOUTH MIDDLETON DRAIN	86	86	86	86	86	86	86	86	86	74	74	74	74	74	74
7.	NORTH MIDDLETON DRAIN	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
8.	HARTLEY DRAIN	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
9.	PHYLLIS WASTE	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10.	MASON CREEK	13	13	13	15	15	15	15	15	15	15	15	15	15	15	15
11.	WILLOW CREEK	23	23	23	23	23	23	23	23	23	23	24	24	24	24	24
12.	MASON DRAIN	143	142	141	140	139	138	137	136	135	134	134	135	136	137	138
13.	INDIAN CREEK	236	232	228	224	230	236	242	248	254	260	265	269	273	277	281
14.	HARTLEY GULCH	20	20	20	20	20	20	20	20	20	20	20	20	20	18	18
	TOTALS	743	738	733	730	735	740	745	750	753	748	764	769	774	780	784

1.	DRAINAGE DISTRICT #3	25	25	25	25	25	23	23	23	23	23	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	23
4.	BOISE SEWER	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
5.	EAGLE DRAIN	56	56	56	56	56	56	56	56	56	56	54	54	52	52	50
6.	SOUTH MIDDLETON DRAIN	76	76	76	76	76	72	76	85	92	101	115	121	121	121	121
7.	NORTH MIDDLETON DRAIN	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
8.	HARTLEY DRAIN	74	74	74	74	74	61	61	61	61	61	61	61	61	61	61
9.	PHYLLIS WASTE	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
10.	MASON CREEK	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
11.	WILLOW CREEK	24	24	24	24	24	29	29	29	29	29	29	35	35	54	54
12.	MASON DRAIN	154	155	157	158	159	170	171	171	171	171	171	171	171	171	171
13.	INDIAN CREEK	282	289	296	303	310	317	324	332	340	339	338	337	335	337	339
14.	HARTLEY GULCH	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	TOTALS	813	822	830	838	846	840	852	869	884	892	903	914	910	931	930

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

CHART NO. 8-8

IRRIGATION SEASON OF 1955

AUGUST

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
22	22	25	25	25	25	25	25	25	25	25	23	23	23	23	23	23
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	25	25	25	25	27	27	27	25	25	25	25	25	25	25	25	25
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11
61	61	61	60	60	60	58	58	58	58	54	54	54	54	54	54	54
74	74	74	74	74	74	74	74	74	74	74	74	76	76	76	76	76
34	34	34	34	34	34	38	38	38	38	38	38	38	35	35	35	35
66	66	66	66	66	74	74	74	74	74	74	89	89	89	89	89	89
9	9	9	9	12	12	12	12	12	12	12	12	12	12	12	12	12
15	15	15	15	15	15	15	15	15	12	12	12	12	12	10	10	10
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
135	136	137	138	139	140	141	142	143	144	145	146	147	147	147	150	153
269	273	277	281	285	289	293	297	291	285	279	273	267	261	255	259	263
20	20	18	18	16	16	16	16	16	13	13	13	13	13	13	13	13
769	774	780	784	790	805	812	817	810	799	790	798	795	786	778	784	791

SEPTEMBER

23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	22	22
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	24	24	23	23	23	23	23	23	23	23	23	23	23	23	22	22
11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10
54	52	52	50	50	50	46	46	46	46	46	46	46	46	46	46	46
121	121	121	121	121	121	121	121	121	121	121	121	121	121	115	108	108
35	35	35	35	35	35	35	38	38	38	38	38	38	38	31	31	31
61	61	61	61	61	61	61	61	61	61	61	54	54	54	54	54	54
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
15	15	15	15	15	15	15	15	15	12	12	12	12	12	9	9	9
35	35	54	54	64	64	64	64	64	66	66	66	66	66	66	35	35
171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171
337	335	337	349	341	343	345	347	349	351	351	351	351	349	347	347	345
12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13
914	910	931	930	942	944	942	947	949	950	950	942	942	935	917	879	877

1958

CHART NO. 8-8

 A_{eff}

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
25	25	25	25	25	25	23	23	23	23	23	23	23	25	25	738
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
27	27	27	25	25	25	25	25	25	25	25	25	25	25	25	763
12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	367
60	58	58	58	58	54	54	54	54	54	54	54	54	54	54	1,806
74	74	74	74	74	74	74	76	76	76	76	76	76	76	76	2,418
34	38	38	38	38	38	38	38	35	35	35	35	35	35	35	1,059
74	74	74	74	74	74	89	89	89	89	89	89	89	89	89	2,231
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	327
15	15	15	15	12	12	12	12	12	10	10	10	10	10	10	414
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	734
140	141	142	143	144	145	146	147	147	147	150	153	156	159	162	4,426
290	293	297	291	285	279	273	267	261	255	259	263	267	272	277	8,168
16	16	16	16	13	13	13	13	13	13	13	13	13	13	13	519
805	812	817	810	799	790	798	795	716	778	784	791	798	808	816	24,063

22	22	22	22	22	22	22	22	22	22	22	22	22	22	686
3	3	3	3	3	3	3	3	3	3	3	3	3	3	90
23	23	23	23	23	23	23	23	18	18	18	18	18	18	674
15	11	11	11	11	11	11	10	10	10	10	10	10	10	322
50	46	46	46	46	46	46	46	46	46	46	46	46	46	1,520
121	121	121	121	121	121	121	121	121	115	108	108	108	108	3,162
35	35	38	38	38	38	38	38	38	31	31	31	31	31	1,051
61	61	61	61	61	61	54	54	54	54	54	54	54	54	1,839
12	12	12	12	12	12	12	12	12	12	12	12	12	12	360
15	15	15	15	12	12	12	12	12	9	9	9	9	9	405
64	64	64	64	66	66	66	66	66	66	35	35	35	35	1,328
171	171	171	171	171	171	171	171	171	171	171	171	171	171	5,108
343	345	347	349	351	351	351	351	349	347	347	345	345	345	10,025
13	13	13	13	13	13	13	13	13	13	13	13	13	13	374
941	942	947	949	950	950	942	942	935	917	879	877	877	877	26,944

1955

CHART NO. 8-8

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
25	25	25	25	25	25	23	23	23	23	23	23	23	25	25	738
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
27	27	27	25	25	25	25	25	25	25	25	25	25	25	25	763
12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	367
60	58	58	58	58	54	54	54	54	54	54	54	54	54	54	1,806
74	74	74	74	74	74	74	76	76	76	76	76	76	76	76	2,418
34	38	38	38	38	38	38	36	35	35	35	35	35	35	35	1,059
74	74	74	74	74	74	89	89	89	89	89	89	89	89	89	2,231
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	327
15	15	15	15	12	12	12	12	12	10	10	10	10	10	10	414
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	734
140	141	142	143	144	145	146	147	147	147	150	153	156	156	162	4,426
260	263	267	261	265	279	273	267	261	255	259	263	267	272	277	8,168
16	16	16	16	13	13	13	13	13	13	13	13	13	13	13	519
805	812	817	810	799	790	798	795	786	778	784	791	798	808	816	24,063

22	22	22	22	22	22	22	22	22	22	22	22	22	22	686
3	3	3	3	3	3	3	3	3	3	3	3	3	3	90
23	23	23	23	23	23	23	23	18	18	18	18	18	15	674
11	11	11	11	11	11	10	10	10	10	10	10	10	10	322
50	46	46	46	46	46	46	46	46	46	46	46	46	46	1,520
121	121	121	121	121	121	121	121	121	115	108	108	108	108	3,162
35	35	38	38	38	38	38	38	38	31	31	31	31	31	1,051
61	61	61	61	61	61	54	54	54	54	54	54	54	54	1,839
12	12	12	12	12	12	12	12	12	12	12	12	12	12	360
15	15	15	15	12	12	12	12	12	9	9	9	9	9	405
64	64	64	64	66	66	66	66	66	66	35	35	35	35	1,328
171	171	171	171	171	171	171	171	171	171	171	171	171	171	5,108
343	343	347	349	351	351	351	351	349	347	347	345	345	345	10,025
13	13	13	13	13	13	13	13	13	13	13	13	13	13	374
941	942	947	949	950	950	942	942	935	917	879	877	877	877	26,944

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
 CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)
 TRIBUTARY GAIN-SEEPAGE GAIN-NET GAIN-MONTHS IN ACRE FEET
 IRRIGATION SEASON 1955

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
BOISE RIVER AT DIVERSION DAM	37556	213422	289420	205700	240316	222316	1268532
DELIVERIES TO CANALS	68464	269402	360082	368258	315036	303258	1684670
TRIBUTARY GAIN	22364	29426	46266	49226	48126	53688	248798
SEEPAGE GAIN	8564	27142	24396	33237	26952	27054	147340
NET GAIN	30926	56070	70662	82158	75078	80942	396138

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

IRRIGATION SEASON 1955

BOISE RIVER AT DIVERSION DAM	626	3442	4824	4610	3871	3705
DELIVERIES TO CANALS	1141	4347	6001	5640	5062	5054
TRIBUTARY GAIN	372	467	771	794	776	898
SEEPAGE GAIN	143	438	406	536	435	451
NET GAIN	515	905	1177	1330	1211	1349

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

SECTION I

1955

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT DIVERSION DAM	285600	240018	222316	748134
DELIVERIES TO CANALS	309274	259093	242126	810450
TRIBUTARY GAIN	7666	7534	6584	21784
SEEPAGE GAIN	15908	11498	13226	40532
NET GAIN	23474	19032	19810	62316

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION I

BOISE RIVER AT DIVERSION DAM	4609	3871	3705
DELIVERIES TO CANALS	4988	4178	4035
TRIBUTARY GAIN	124	122	110
SEEPAGE GAIN	255	185	220
NET GAIN	379	307	330

* 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

1953

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT CALDWELL HIGH LINE	2274	2444	3022	7740
DELIVERIES TO CANALS	61258	58490	64154	183902
TRIBUTARY GAIN	41560	40592	47304	129456
SEEPAGE GAIN	17424	15454	13828	46706
NET GAIN	58981	56046	61132	176162

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	37	39	50
DELIVERIES TO CANALS	988	943	1069
TRIBUTARY GAIN	670	655	789
SEEPAGE GAIN	281	249	230
NET GAIN	951	904	1019

X INCLUDES BOISE RIVER AT NOTUS.

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 12

BOARD OF CONTROL (NEW YORK)

NEW YORK IRRIG. DIST.	17,826	
BOISE-KUNT IRRIG. DIST.	18,060	
NAMPA & MERIDIAN IRRIG. DIST.	40,265	
WILDER IRRIG. DIST.	50,558	
BIG BEND IRRIG. DIST.	1,724	
TOTAL - BOARD OF CONTROL	165,033	ACRES
RIDENBAUGH	20,747	"
PENITENTIARY	112	"
BOBB (SOUTH BOISE)	1,057	"
NEEVES	90	"
ROSSI MILL	500	"
MAVILLE-LEONARD	159	"
DAVIS AND LITTLE DAVIS	634	"
SETTLERS	12,252	"
THURMAN MILL	1,799	"
CRUZEN (CONSUMERS)	2,500	"
BOISE CITY	1,028	"
FARMERS UNION	8,300	"
BOISE VALLEY	2,739	"
CAPITOL VIEW	600	"
NEW UNION	689	"
NEW TRY RECK	3,059	"
BALLANTINE	753	"
MIDDLETON WATER	5,190	"
MIDDLETON MILL	4,400	"
LITTLE PIONEER	1,246	"
CANYON COUNTY	4,037	"
LEMP DITCH (LAULE ISLAND)	300	"

WARM SPRINGS SLOUGH	441	ACRES
JUPLIN	54	"
CONWAY & HAMMING	259	"
THOS. AIKEN	236	"
CATLIN & MACE	496	"
HART & DAVIS	453	"
GRAHAM & GILBERT	220	"
SEVEN SUCKERS	58	"
PIONEER IRRIG. DIST.	35,117	"
EUREKA WATER CO.	1,800	"
CALDWELL 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	"
MANNION	530	"
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)

CLACK CANYON IRRIGATION DISTRICT	6,500	ACRES
CALDWELL IRRIGATION DISTRICT	850	"
MORLEY & VAIL (LIXIE DAM)	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, BUT IS THE BEST INFORMATION AVAILABLE AT THE PRESENT TIME. IT WAS ORIGINALLY COMPILED FEBRUARY 14, 1941, BUT HAS BEEN AGAIN REVISED (JULY, 1948), PARTICULARLY TO REFLECT 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 PER ACR
FOR EACH IRRIGATION

NAME OF CANAL	ACRES IRRIGATED	1939	1940	1941	1942	1943	1944	1945	1946	ACRES IRRIGATED	1947	1948
BOARD OF CONTROL	164,761	4.09	4.38	4.71	4.92	5.58	4.63	5.05	4.38	164,332	4.70	4.4
PENITENTIARY	429	4.67	4.07	3.69	3.66	4.81	4.11	3.86	5.16	427	6.57	5.7
LUBB (SOUTH BOISE)	745	5.74	5.26	6.36	5.58	6.54	5.82	7.14	6.94	1,057	4.92	3.8
RIDENBAUGH	27,000	5.47	5.51	5.96	5.35	5.98	4.67	4.81	5.72	26,747	5.88	4.9
SETTLERS	12,300	3.52	3.29	3.79	3.50	4.07	3.26	3.42	3.83	12,300	4.01	3.5
THURMAN MILL	1,858	6.21	5.16	5.06	6.25	4.90	5.20	6.33	4.89	1,799	5.81	5.3
CONSUMERS	2,500	3.33	2.73	2.26	2.65	2.75	2.36	2.83	2.69	2,500	2.63	2.2
BOISE CITY	1,903	5.23	4.79	5.30	4.88	5.24	4.70	4.45	4.91	1,828	5.14	3.3
FARMERS UNION	8,900	4.17	3.33	4.40	4.27	4.53	3.56	3.94	4.54	8,900	4.57	3.6
BOISE VALLEY	2,729	6.46	5.96	6.41	6.11	5.79	4.98	5.49	6.46	2,729	6.16	5.5
NEW UNION	688	5.87	5.67	6.66	5.13	5.66	5.58	5.84	5.79	688	6.36	5.2
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	5.0
BALLANTINE	700	5.28	5.09	4.64	4.74	5.66	5.16	5.29	5.82	763	6.60	5.8
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	3.8
MIDDLETON MILL	4,400	3.42	3.56	3.31	3.15	3.81	4.09	3.35	4.34	4,400	4.18	4.4
LITTLE PIONEER	1,286	6.47	5.48	6.16	5.53	6.22	5.64	7.16	8.31	1,286	8.23	6.4
CANYON COUNTY	3,790	5.27	4.72	5.36	4.86	5.27	4.94	5.25	5.37	4,007	5.40	4.5
EAGLE ISLAND CANALS	2,363	5.25	4.34	5.22	5.38	4.62	5.27	5.10	5.83	2,637	5.21	4.9
PHYLLIS	23,500	4.17	3.94	4.46	3.98	4.98	3.63	3.60	4.59	23,500	4.56	4.2
EUREKA WATER	1,666	5.05	4.55	5.61	5.04	5.01	4.76	4.82	5.00	1,666	5.70	4.8
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	3.3
FARMERS CO-OP.	15,500	4.45	4.46	5.08	5.17	6.32	4.57	5.01	6.01	15,897	5.36	5.0
CANYON (CAMPBELL)	802	7.94	4.77	5.33	6.29	6.87	5.51	6.44	7.41	802	6.79	5.54
SIEBENBERG	646	5.05	4.43	4.29	3.25	3.56	3.85	3.64	4.11	646	4.40	4.89
RIVERSIDE	10,645	4.55	4.43	5.64	4.90	5.08	3.92	4.58	4.10	10,645	4.74	5.5
PIONEER DIXIE	2,015	6.57	6.05	5.95	6.73	6.31	7.61	7.43	6.69	2,030	8.09	6.39
EUREKA #2	2,595	5.88	5.94	5.58	4.97	6.28	4.56	5.71	7.58	2,670	8.88	7.76
UPPER CENTER POINT	621	5.59	5.70	6.06	5.78	6.09	6.64	6.59	7.15	641	6.85	7.42
LOWER CENTER POINT	845	4.67	5.44	5.79	4.97	3.96	5.81	4.48	4.48	880	5.01	6.63
MISCELLANEOUS	1,493	5.60	4.59	5.58	5.55	5.22	4.71	5.31	5.24	1,444	5.37	5.08
TOTAL	309,114	4.09	4.47	4.89	4.84	5.46	4.51	4.84	4.73	309,880	4.92	4.56

ACREAGE TABLE WAS REVISED IN 1947

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1939

1945	1946	ACRES IRRIGATED	1947	1948	1949	1950	1951	1952	1953	1954	1955
5.05	4.38	164,332	4.70	4.42	4.90	5.83	5.21	5.25	5.11	5.75	4.81
3.86	5.16	427	6.57	5.78	7.84	6.19	6.48	6.40	5.52	6.50	5.80
7.14	6.94	1,057	4.92	3.87	4.05	4.08	4.34	3.68	4.13	5.20	3.96
4.81	5.72	26,747	5.88	4.93	5.83	6.22	6.50	6.42	6.61	7.21	6.22
3.42	3.83	12,300	4.01	3.55	4.29	4.23	4.35	4.27	4.06	4.50	3.93
6.33	4.89	1,799	5.81	5.36	4.84	5.78	5.84	5.36	4.94	4.88	4.83
2.83	2.69	2,500	2.63	2.25	2.79	2.73	2.22	2.70	2.50	3.15	2.75
4.45	4.91	1,828	5.14	3.33	4.95	5.22	5.70	5.10	5.06	5.53	4.94
3.94	4.54	8,900	4.57	3.68	5.15	6.05	6.10	5.52	5.61	6.12	5.62
5.49	6.48	2,729	6.16	5.57	6.93	6.75	7.18	7.11	8.40	8.73	7.03
5.84	5.79	688	6.36	5.50	5.71	6.13	7.59	6.08	6.59	8.63	6.18
7.39	7.07	3,059	6.14	5.05	6.45	6.25	6.52	5.49	6.31	6.58	5.95
5.29	5.82	763	6.60	5.87	6.29	7.01	6.98	6.87	7.68	8.96	7.09
5.11	5.02	5,640	4.89	3.81	5.48	5.30	5.81	5.51	5.69	5.90	4.20
3.35	4.34	4,400	4.18	4.46	4.69	4.53	4.97	4.71	4.86	5.04	4.23
7.16	8.31	1,286	8.23	6.40	7.64	8.80	8.51	9.06	8.60	9.54	8.33
5.25	5.37	4,007	5.40	4.53	4.76	5.81	5.81	6.08	5.98	6.48	5.46
5.10	5.63	2,637	5.21	4.95	5.56	5.78	5.84	6.35	6.16	6.07	5.18
3.60	4.59	23,500	4.56	4.21	4.78	4.96	4.85	4.86	4.42	5.04	4.53
4.82	5.00	1,666	5.70	4.80	5.39	5.79	6.18	5.81	5.92	6.56	5.95
5.17	4.70	3,960	4.13	3.31	3.59	3.55	3.76	3.37	4.00	4.88	3.89
5.01	6.01	15,897	5.36	5.00	5.22	5.88	6.45	6.78	6.67	7.54	6.72
6.44	7.41	802	6.79	5.54	6.27	6.98	7.99	7.69	7.61	7.98	7.61
3.64	4.11	646	4.40	4.89	4.47	4.53	4.63	5.07	5.46	6.08	5.10
4.58	4.10	10,645	4.74	5.50	5.11	6.09	6.54	6.43	5.97	6.57	6.34
7.43	6.69	2,030	8.09	6.39	9.13	9.06	10.37	10.39	9.30	12.06	11.80
5.71	7.58	2,670	8.88	7.76	8.45	9.64	9.61	9.25	10.39	11.11	9.72
6.59	7.15	641	6.85	7.42	8.48	9.09	9.35	9.31	11.06	10.81	8.02
4.48	4.48	880	5.01	6.63	5.93	6.52	6.73	6.57	7.05	7.43	6.80
5.31	5.24	1,444	5.37	5.08	5.72	5.78	5.84	5.95	6.01	5.93	4.95
4.84	4.73	309,880	4.92	4.56	5.09	5.75	5.53	5.51	5.43	6.05	5.19

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

[illegible]

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

	1955								
	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	TOTAL	ACRE FEET PER ACRE	
AVERAGE DAILY FLOW IN SECOND FEET	11.8	18.0	21.7	24.5	23.8	22.9	20.49	1941	.90
TOTAL MONTHLY FLOW IN ACRE FEET	710	1114	1302	1524	1476	1372	7498	1942	1.04
								1943	1.12
								1944	1.28
								1945	1.10
								1946	1.24
								1947	1.65
ACRE FEET PER ACRE	.17	.27	.31	.36	.35	.33	1.79	1948	1.01
								1949	1.27
								1950	1.25
								1951	1.41
								1952	1.67
								1953	1.64
								1954	1.89
								1955	1.79

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

[illegible]

SUMMARY TABLE IN SECOND FEET

SHOWING RETURN FLOW TO BOISE RIVER

RETURN FLOW TO ENTIRE RIVER

	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
APRIL	547	558	533	370	257	461	579	17	479	712	1003	973	891	757	515
MAY	1269	1041	491	591	779	872	1098	680	1213	1018	1223	1555	1896	1441	905
JUNE	1334	1000	779	1223	972	1028	1265	701	1156	1326	1456	1495	1141	1814	1177
JULY	746	640	885	657	914	895	516	924	893	1203	1381	1435	1253	1483	1330
AUG.	746	637	891	580	675	776	742	854	765	1185	1362	1205	1307	1325	1211
SEPT.	840	681	945	652	697	843	951	980	832	1112	1246	1495	1367	1507	1349
AVERAGE	914	769	754	680	711	812	925	699	892	1093	1237	1352	1312	1368	1081

RETURN FLOW TO SECTION ONE

JULY	200	92		139	250	228	331	214	282	343	460	411	369	391	379
AUG.	269	227	170	196	186	244	316	350	217	378	426	330	373	386	307
SEPT.	267	190	219	200	203	190	317	310	271	331	360	293	342	457	330
AVERAGE	275	169	195	178	213	210	321	291	280	351	415	345	362	411	338

RETURN FLOW TO SECTION TWO

JULY	479	936		518	664	666	971	732	611	860	921	1025	884	1092	951
AUG.	482	409	567	393	489	529	459	564	476	807	936	875	934	939	904
SEPT.	578	401	538	452	493	645	557	679	561	781	936	1202	1025	1050	1019
AVERAGE	513	485	552	451	549	613	569	658	550	816	931	1032	947	1027	958

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	VEEVES	2
BUBB (SOUTH BOISE)	15		

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

DRAINAGE DISTRICT NO. 4

	INCHES
THURMAN MILL	570.98
RIDENBAUGH	51.34
WARM SPRINGS SLOUGH	127.68

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

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

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

TABLE SHOWING CHANGE IN POINT OF

NO. OF CHANGE
OF POINT OF
DIVERSION

POINT OF DIVERSION

FROM

TO

DATE OF
CHANGEPRIORITY
NO. DATENO. OF
ACRES

3	EUREKA NO. 2	EUREKA NO. 2				
9	PIONEER DIXIE	PIONEER DIXIE	4-2-1912	96	10-1-17	80
29	CALDWELL HIGH LINE	CANYON COUNTY	7-31-1912			
32	DAVIS	DAVIS DITCH	8-26-1918			50
35	PIONEER DIXIE	RIVERSIDE	7-15-1919			
36	CANYON COUNTY	MIDDLETON WATER	4-3-1919			160
38	HART & DAVIS	SEVEN SUCKERS	4-12-1918	35	6-1-57	
39	HART & DAVIS	SEVEN SUCKERS	9-24-1915			
48	PIONEER DIXIE	PIONEER DIXIE	6-12-1918			
50	LOWER GEN. POINT	BOWMAN & SWISHER	9-26-1918			
51	LOWER GEN. POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-65	
54	CANYON COUNTY	MIDDLETON MILL	3-31-1920	20	6-1-65	
57	MIDDLETON WATER	BALLANTINE	4-24-1920	35	6-1-67	
59	KENNEDY	CANYON COUNTY	12-2-1920	65	6-1-77	35
61	KENNEDY & LAWRENCE	MIDDLETON WATER	3-18-1921	31	6-1-66	
64	BALLANTINE	DRY CREEK	6-22-1921	31-B	6-1-66	
75	MIDDLETON MILL	CANYON COUNTY	12-21-1921	102	6-1-88	
76	SETTLERS	SETTLERS	11-25-1924			
77	BURN	BAHLER	3-12-1925	85-B	4-1-83	
77	BURN	BAHLER	4-26-1925	8-A	4-1-65	80
83	WARM SPRINGS	SETTLERS	4-26-1925	47-A	4-1-70	
84	MIDDLETON WATER	FARMERS UNION	4-26-1926			
85	UPPER GEN. POINT	EUREKA NO. 2	3-9-1926	65	6-1-77	
91	BALLANTINE	DRY CREEK	5-7-1926			
103	PARMA DITCH	PARMA DITCH	6-23-1926	103		
126	LAWRENCE & KENNEDY	MIDDLETON WATER	10-3-1928			
127	BOWMAN & SWISHER	LARSEN, BAXTER & LEMP	3-25-1931	31-A	6-1-66	
131	EUREKA NO. 2	LOWER CENTER POINT	8-15-1930		6-1-65	
140	BALLANTINE	NEW DRY CREEK	1-16-1932	89	11-9-83	
141	FISCHER POWER	FISCHER POWER	4-23-1934	85-B	5-1-83	
147	MIDDLETON MILL	CANYON COUNTY	12-18-1934		7-1-12	
148	PIONEER DIXIE	UPPER GEN. POINT NO. 1	1-8-1936		6-1-67	
151	NEW DRY CREEK	BALLANTINE	4-17-1936	96	10-1-67	
152	BAHLER DITCH	RIDENBAUGH	2-11-1937		5-1-93	
153	REIN*KEOUGH*BAHLER	RIDENBAUGH	5-16-1937		4-1-70	
154	BAHLER DITCH	RIDENBAUGH	5-15-1937		5-1-95	
159	UPPER CENTER POINT	EUREKA NO. 2	5-15-1937		4-1-65	
161	BALLANTINE	NEW DRY CREEK	5-27-1939		6-1-65	
174	BALLANTINE	NEW DRY CREEK	5-5-1940	103	6-1-88	
175	RIVERSIDE	EUREKA	3-28-1941	103	6-1-88	
176	MAHON DITCH	HAAS DITCH	5-11-1944		6-1-83	
179	CATLIN-MACE	SEVEN SUCKERS	4-18-1944		6-1-78	
			3-31-1945	51	6-1-61	
				52)	6-1-71	
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-63	45
227	O'DONNELL		12-17-54	114-A	5-1-89	80

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

NO.	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	REMARKS
	DATE	DATE				
80	10-1-37		80		THOS. T. JOHNSTON	
			80	80	ALBERT F. CLEMONS	
			100	100	J. G. HUGHES	
35	9-1-37		100	100	ED DAVIS	
			19	19	REBECCA BELL	
			52	52	DRAPER & OTHERS	
					SHAFFER & OTHERS	
					GEORGE RAMBO	
20	9-1-38			144	JAS. E. RUARK	TO INDIAN CREEK
20	9-1-38			320	JOHN S. SWISHER	
20	9-1-38			55 1/2	BIRD BOWMAN	
20	9-1-38		35	30	H. G. DUDLEY	FOOTE & WISEMAN
20	9-1-38			30	EDWARD MCCLINTICK	
20	9-1-38			130	W. KENNEDY	
20	9-1-38			30	MINNIE COUZENS	
20	9-1-38			10	HARRY SEAVEY	
20	9-1-38			25	DETWEED ETC. BANK	
20	9-1-38		2	50	JACOB BINGHAM	
20	9-1-38			40	ADOLPH BAHLER	
20	9-1-38			40	ADOLPH BAHLER	
20	9-1-38			36	LEO MARSTERS	
20	9-1-38			40	J. C. RALPH	
20	9-1-38			25	J. C. BRUCE	
20	9-1-38			32 1/2	IRA E. BARBER	
20	9-1-38			115	CHARLES JURRIES	NOT APPROVED BY DITCH COMPANIES SECRETARY
20	9-1-38			40	WM. MUSSEY	
20	9-1-38			35	WM. BAXTER	
20	9-1-38			3	R. E. MCGUIRE	
20	9-1-38				CHAS. H. SCHMELZER	
20	9-1-38				FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
20	9-1-38			10	CORA M. CLIFTON	
20	9-1-38			75	DORA GREER	
20	9-1-38			6.75	J. H. CONE	DECREEED TO AMERICAN DITCH ASSOC
20	9-1-38			40	ADOLPH BAHLER	
20	9-1-38			50	ADOLPH BAHLER	
20	9-1-38			40	ADOLPH BAHLER	
20	9-1-38			5	RAYMOND T. BRESHEARS	
20	9-1-38			32 1/2	SID BARBER	
20	9-1-38			12	FRANK M. RAY	
20	9-1-38			85	WILBUR BRESHEARS	
20	9-1-38			40	CHARLOTTIE L. ALLEN	
20	9-1-38			12	IDAHO FISH & GAME DEPT.	
20	9-1-38			45	J. E. HOUSTON	
20	9-1-38			80	ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER LIR

NTTY
INCHES

BY WHOM	REMARKS
THOS. T. JOHNSTON	
ALBERT F. CLEMONS	
J. C. HUGHES	
ED DAVIS	
REBECCA BELL	
DRAPER & OTHERS	
SHAFFER & OTHERS	
GEORGE RAMBO	
JAS. D. RUARK	TO INDIAN CREEK
JOHN S. SWISHER	
BIRD BOWMAN	
H. G. DUDLEY	FOOTE & WISEMAN
EDWARD MCCLINTICK	
W. KENNEDY	
MINNIE COUZENS	
HARRY SEAVEY	
DETWEED ETC. BANK	
JACOB BINGHAM	
ADOLPH BAHLER	
ADOLPH BAHLER	
LED MARSTERS	
J. C. RALPH	
J. C. BRUCE	
IRA E. BARBER	NOT APPROVED BY DITCH COMPANIES
CHARLES JURRIES	SECRETARY
WM. MUSSER	
WM. BAXTER	
R. E. MCQUIRE	
CHAS. H. SCHMELZER	
FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
CORA M. CLIFTON	
DORA GREER	DECREE TO AMERICAN DITCH ASSOC.
J. H. CONE	
ADOLPH BAHLER	
ADOLPH BAHLER	
ADOLPH BAHLER	
RAYMOND T. BRESHEARS	
SID BARBER	
FRANK M. RAY	
WILBUR BRESHEARS	
CHARLOTTIE L. ALLEN	
IDAHO FISH & GAME DEPT.	
J. E. HOUSTON	
ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER DIRECT

TRANSFERS OF DECREE RIGHTS ON

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO					
34	SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	15	WALTER S. B
34	"	"	122	6-1-91	3-16-1909)		
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100	C. H. ROSEN
38	AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-87	9-1-1909	605	W. V. MESS
45	SETTLERS	SETTLERS			2-5-1910	10	J. E. MOORE
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-66	2-4-1910	112	BARBER LUMB
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	1475	AMERICAN DI
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210	NICHOLS & C
50	SETTLERS	SETTLERS			6-7-1910	20	J. P. CLECK
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	50	J. A. CARTR
71	UPPER GEN. POINT	EUREKA NO. 2	24	6-1-65	3-14-1911	40	J. L. ROLAN
105	SIEBENBERG	CANYON DITCH	9	6-1-65	9-18-1912	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
219	PIONEER IRR. DIST.	PIONEER IRR. DIST.			7-15-1918	432	PIONEER IRR
300	MIDDLETON MILL	DRY CREEK			4-20-1921	17.5	EMMA V. FOW
301	MIDDLETON MILL	DRY CREEK			4-20-1921	77	JOHN F. GRO
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 VEASE
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	CARL A. LIS
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5- -1925	10	NELLIE B. W
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2	HENRY V. BA
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. L. KING
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	MARY F. LEA
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13.3	H. E. MCCON
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	H. W. BARTL
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	E. E. SMITH
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	8-13-1926	7.5	RUSH CHASE
			54)	6-1-71)			
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20	FRED EGUERS
393	MIDDLETON MILL	FARMERS UNION	3)	6-1-54)	9-15-1926	14.4	A. C. BOWER
393	MIDDLETON MILL	FARMERS UNION	54)	6-1-71)			
393	MIDDLETON MILL	FARMERS UNION	120)	6-1-71)			
395	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25	C. R. MCGLI
412	THURMAN	SETTLERS	81	6-1-62	12-2-1927	20	CHAS. P. MA
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5	D. E. ALLIS
466	RIDENBAUGH	NEW YORK	106	8-20-08	7-6-1929	445	W. P. TULLI
468	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5	C. C. WOOD
477	SETTLERS	SETTLERS	92	10-17-84	11-18-1929	10	CHASE N. WA
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3	FRANK P. WE
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50	W. SCOTT AN
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25	FARMERS UNI
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-1934	15	A. B. WHITIN
542	FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.37	FEDERAL LANI
595	JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	10	BOISE TRUST
595	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10	BOISE TRUST
608	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	50	W. F. TRACY
644	RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35	S. E. SMITH
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	W. F. JONELL
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 DECREEED RIGHTS ON BOISE RIVER

CHART NO. 23

<u>OF</u> <u>TR</u>	<u>QUANTITY</u> <u>IN INCHES</u>	<u>BY WHOM</u> <u>TRANSFERRED</u>	<u>REMARKS</u>
09)	15	WALTER S. BRUCE	
09)			
09	100	C. H. ROSENBERGER	CHANGE IN POINT OF DIVERSION ONLY
09	605	WM. M. MESSLER	
10	10	J. E. MOORE	
10	112	BARGER LUMBER CO.	
10	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
10	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
10	20	J. P. CLECK	
10	50	J. A. CARTRIGHT	
11	40	J. L. ROLAND	CHANGE IN POINT OF DIVERSION ONLY
112	25	H. E. MEIK	
112	60	H. L. RANFALL & OTHERS	
112)	1017	H. L. RANFALL & OTHERS	
112)			
114	1000	BOISE FRUIT TRACT CO.	
116	432	PIONEER IRR. DIST.	LICENSED RIGHT INDIAN CREEK
121	17.5	LUMA V. FOWLER	
121	77	JOHN F. GROOME	
125	7	C. E. WHITE	
125	7	FRANK WEASEL	
125	7	CARL A. LISH	
125	10	NELLIE B. WHITAKER	
126	56.2	HENRY W. BARTLETT	
126	18.7	L. A. RICE	
126	20	H. D. PARKS	
126	10	A. J. KING	
126	20	MARY F. LEACH	
126	13.3	H. E. MCCONNELL	
126	20	H. W. BARTLETT	
126	20	E. E. SMITH	
126	7.5	RUSH CHASE	
126	20	FRED EGGERS	
126	14.4	A. C. BOWERMAN	
126			
126	25	C. R. MCCLURE	
127	20	CHAS. P. MACE	
128	12.5	D. E. ALLISON	FORMERLY MIDDLETON WATER
129	445	W. H. TULLER	
129	5	C. G. WOOD	
129	10	CHASE N. WALKER	
130	3	FRANK P. WEASEL	
132	50	W. SCOTT ANDERSON	
132	25	FARMERS UNION DITCH	
134	15	A. B. WHITNEY	
134	34.37	FEDERAL LAND BANK	
138	10	BOISE TRUST CO.	SOWERMEIR
138	10	BOISE TRUST CO.	FALK
140	50	W. F. TRACY	
142	35	S. E. SMITH	
143	25	W. W. HOWELL	LARSON TRACT
143	50	W. W. HOWELL	HAMMING TRACT
143	25	W. W. HOWELL	BUDGE TRACT

TRANSFERS OF DECREEED RIGHTS

NO. OF TRANSFER	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO	NO.	DATE			
660	RIVERSIDE	PIONEER DIXIE	88	6-1-63	4-11-1944	30	
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	8	L. W. BAL
694	"	"	30	5-1-66	4-29-1946	6	W. W. HOW
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	"	NEW DRY CREEK	30	5-1-66	6-14-1947	27	"
720	STEELENBERG	FARMERS CO-OP	9	6-1-65	11-25-1947	32	R. W. TUG
720	CONSUMERS	SETTLERS	30	5-1-66	5-4-1948	10	W. W. HOW
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	"
720	"	"	30	5-1-66	5-4-1948	10	"
736	THURMAN MILL	"	37	6-1-68	3-9-1949	50	AIRCRAFT
736	CONSUMERS	"	30	5-1-66	3-9-1949	55	W. W. HOW
739	"	"	30	5-1-66	4-2-1949	7.5	"
753	"	"	30	5-1-66	4-14-1950	23	J. R. FIEL
754	"	"	30	5-1-66	4-14-1950	20	J. R. FIEL
790	HILLCREST	MIDDLETON MILL	8	9-1-64	3-28-1952	1000	FOREST SON
790	"	NEW YORK	45	6-1-69	3-28-1952	17	"
790	"	"	96	10-1-87	3-28-1952	60	"
823	CONSUMERS	"	30	5-1-66	7-13-1954	300	G. S. TAYL
829	"	SETTLERS	30	5-1-66	9-3-1954	24	"

TRANSFERS OF DECREEED 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	C. W. BALDWIN	
1-1946	8	W. W. HOWELL	KENNETH O. EARL
1-1946	6	"	L. R. FEWKES
1-1946	7	"	D. G. STARK
1-1946	13	"	G. W. KYLE
1-1946	100	"	REX JENSON (BOISE-KUNA IRRIG. DIST.)
1-1946	30	"	MRS. EDITH CURTIS
1-1947	10	"	CLYDE SIMPSON
1-1947	10	"	JOHN DEMON
1-1947	25	"	LEN SIMPSON
1-1947	27	"	J. S. BEEBE
1-1947	32	R. W. TUCKER	
1-1948	10	W. W. HOWELL	W. E. DOTY
1-1948	10	"	TOM ERQUIAGA
1-1948	7	"	LOUIS ODERMOTT
1-1948	10	"	W. H. CALDWELL
1-1948	20	"	NORMAN C. STEELE
1-1948	10	"	GEORGE LERT ROYLANCE
9-1949	50	AIRCRAFT SERVICE CO.	
9-1949	55	W. W. HOWELL	
2-1949	7.5	"	
1-1950	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
1-1950	20	J. R. FIELD	BRINK TRACT
8-1952	1000	FOREST SOWER	
8-1952	17	"	
8-1952	60	"	
13-1954	300	G. S. TAYLOR	BOISE- KUNA IRRIGATION DIST.
3-1954	24	"	10" TO THE GOLDEN KENT TRACT AND 14" TO THE EDMUND BUCK

REMARKS

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

W. E. DOTY
TOM ERQUIAGA
LOUIS ODERMOTT
W. H. CALDWELL
NORMAN C. STEELE
GEORGE LERT ROYLANCE

8" HAGER TRACT, 15" KIMBLE TRACT
BRINK TRACT

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

NO.	DATE	NAME	AMOUNT DECREEED		NO.	DATE	NAME	AMOUNT SEC. FT
			SEC. FT.	INCHES				
1.	X6-1-64	THOMAS DAVIS	2.20	110	46.	6-1-69	MASON CREEK DITCH CO.	37.20
2.	X6-1-64	JACOBS CANAL CO.	20.00	1000	47.	X6-1-69	T. W. BOONE	3.50
3.	X6-1-64	MIDDLETON MILL DITCH	12.30	640	48.	6-1-70	W. J. HAMMING	2.60
4.	X6-1-64	THOMAS ANDREWS	3.30	165	49.	6-1-70	PIONEER CANAL	25.72
5.	X6-1-64	CATLIN & MACE	2.86	143	50.	6-1-69	BARBER LUMBER CO.	2.24
6.	X6-1-64	T. C. CATLIN	3.30	165	51.	X6-1-70	THOMAS ANDREWS	1.30
7.	X6-1-64	C. C. HAVIRD	3.30	165	52.	6-1-71	CATLIN & MACE	7.86
8.	X6-1-64	PIONEER DIXIE DITCH CO.	20.00	1000	53.	6-1-71	PETER MEEVES	1.80
9.	X6-1-65	SIEBENBERG DITCH CO.	13.42	671	54.	6-1-71	MIDDLETON MILL DITCH CO.	33.70
10.	X6-1-65	ALLEN V. WEBSTER	1.20	60	55.	6-1-72	J. F. YARYAN	.70
11.	X6-1-65	J. F. YARYAN	.66	33	56.	6-1-72	J. F. YARYAN	1.40
12.	X6-1-65	GRAHAM & GILBERT	4.40	220	57.	6-1-72	MARY C. DAVIS	4.40
13.	X6-1-65	EUREKA WATER CO.	33.32	1666	58.	6-1-72	EDWARD N. HART	3.30
14.	X6-1-65	NEW UNION DITCH CO.	13.75	688	59.	X6-1-74	J. W. BOONE	2.20
15.	X6-1-65	BOISE VALLEY IRRIG. DITCH CO.	54.58	2729	60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	10.00
16.	X6-1-65	RIDENBAUGH & ROSSI	9.20	460	61.	6-1-76	EDWARD & MARY CLARK	2.30
17.	X6-1-65	RIDENBAUGH & ROSSI (POWER)	265.80	13290	62.	6-1-76	JOHN CECIL	.41
18.	X6-1-65	DENVER & BEANO LANE CO.	.60	40	63.	6-1-77	THOMAS ATKENS	5.20
19.	X6-1-65	MARTHA BOWMAN	2.88	144	64.	6-1-77	W. H. CONWAY	.90
20.	X6-1-65	BIRD BOWMAN	6.40	320	65.	6-1-77	MIDDLETON WATER CO.	114.08
21.	X6-1-65	G. W. GESS	2.90	145	66.	7-1-77	PERRAULT & JOHNSON (POWER)	200.00
22.	X6-1-65	ROBERT MCGUIRE	3.20	160	67.	5-1-78	NAMPA-MERIDIAN IRRIG. DIST.	170.00
23.	X6-1-65	G. W. COOPER	3.20	160	68.	X6-1-78	JOHN MAMMON	4.20
24.	X6-1-65	J. W. ROLAND	2.40	120	69.	X6-1-78	JULIA MAMMON	3.36
25.	X6-1-65	DRAPER & WELLS	3.94	197	70.	X6-1-78	CHARLES ALLEN	8.90
26.	X6-1-65	THOMAS J. PALMER	1.60	80	71.	X6-1-78	R. H. STOCKTON	4.40
27.	X6-1-65	NOAH W. PALMER	1.58	79	72.	6-1-79	NEW CRY CREEK DITCH CO.	31.32
28.	X6-1-65	J. N. TUCKER	7.00	350	73.	X6-1-79	E. MUMFORD	4.00
29.	X6-1-65	THOMAS ANDREWS	6.00	300	74.	X6-1-80	SMITH STOCKTON	1.76
30.	X6-1-65	J. PERRAULT & R. JOHNSON	50.00	2500	75.	6-1-80	ISHAM JOPLIN	2.40
31.	X6-1-66	WILLIAM P. KENNEY	2.60	130	76.	10-20-80	JOSEPH GOBLE	.90
32.	X6-1-66	MANVILLE & LEONARD	3.50	175	77.	10-29-80	FRANKLIN DITCH CO.	27.60
33.	6-1-66	BOISE CITY CANAL CO.	38.06	1903	78.	6-1-82	ALLEN V. WEBSTER	.90
34.	6-1-66	FRANKLIN DITCH CO.	15.40	770	79.	6-1-82	SUSTE CAMPBELL	.60
35.	6-1-67	CANYON CO. WATER CO.	75.80	3790	80.	6-1-82	J. T. BARBER	1.60
36.	6-1-68	MARTHA E. MCCARTHY	14.10	705	81.	6-1-82	SONORA JOPLIN	3.40
37.	6-1-68	H. C. & FORA 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, GILLEY & ROSS	8.54	427	84.	6-1-82	ANDREW J. JOPLIN	2.06
40.	6-1-68	S. S. GRAY	1.40	70	85.	6-1-82	JAMES L. GRAHAM	2.80
41.	X6-1-69	JOHN MAMMON	1.60	80	86.	X6-1-83	FARMERS COOP. DITCH	20.00
42.	6-1-69	ISAAC BECAL	1.60	80	87.	6-1-83	FRANCIS M. JOPLIN	.90
43.	X6-1-69	FREDERICH ODE	3.60	180	88.	X6-1-83	W. A. BLACK	12.00
44.	X6-1-69	PRIOR BURNETT	8.50	425	89.	X11-9-83	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.	52.10

X INDICATES RIGHTS SUPPLIED BY RETURN FLOW TO RIVER

NAME	AMOUNT DECREEED		NO.	DATE	NAME	AMOUNT DECREEED	
	SEC. FT.	INCHES				SEC. FT.	INCHES
CREEK DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000
BOONE	3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4953
HAWKING	2.60	130	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761
R. CANAL	25.22	1266	94.	6-1-86	THOMAS DAVIS	13.40	670
LUMBER CO.	2.24	112	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
ANDREWS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
A. & MACE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393
WHEELS	1.80	90	98.	6-1-88	A. V. LINDER	4.00	200
ETON MILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH	1.30	65
YARYAN	.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70
YARYAN	1.40	70	101.	6-1-88	ED. J. LINDER	1.46	73
C. DAVIS	4.80	220	102.	6-1-88	LIZZIE EVERETT	1.20	60
E. N. HART	3.30	165	103.	6-1-88	JESSIE WILSON	1.40	70
BOONE	2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45
RS COOPERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
ED & MARY CLARK	2.30	115	106.	8-20-88	NAMPA-MERIDIAN IRRIG. DIST.	370.84	18542
CECIL	.41	22	107.	5-1-89	CHAS. S. MILLER	.06	3
AS ATKENS	5.20	260	108.	5-1-89	LOMMIS S. HOSELEY	.02	1
CONWAY	.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40	120
ETON WATER CO.	114.98	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
AULT & JOHNSON (OWNER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
AMERICAN IRRIG. DIST.	120.00	6000	112.	5-1-89	ANNA H. FOGARTY	.05	2
MAYMON	4.20	210	113.	5-1-89	GRACE CALL	.10	5
A. MAYMON	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1
LES ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN	.06	3
W. STOCKTON	1.40	220	116.	6-1-89	SONORA JOPLIN	1.20	60
DRY CREEK DITCH CO.	31.32	1566	117.	6-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
UNIFORM	4.00	200	118.	6-1-91	W. H. CONWAY	2.20	110
H. STOCKTON	1.76	88	119.	6-1-91	THOMAS DAVIS	.54	27
M. JOPLIN	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00	850
PH. GIBBLE	.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50	175
KLIN DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	73.41	3672
N. V. WEBSTER	.90	45	123.	6-1-91	THOMAS AIKEN	.80	40
E. CAMPBELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	60.00	4000
C. BARNER	1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76	88
RA. JOPLIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
E. HUTCHINSON	.44	22	127.	5-1-95	CHARLES REIN & JANE KEOGH	1.00	50
ISON	.44	22	128.	7-1-95	MATHEW CASEY	.60	33
NEW J. JOPLIN	2.96	148	129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50	4175
J. L. GRAHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
FARMERS COOP. DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
JOES M. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
A. BLACK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
CANAL DITCH CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277
NEER IRRIG. DIST.	53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34	2817

AMOUNT DECREEED		NO.	DATE	NAME	AMOUNT DECREEED	
FT.	INCHES				SEC. FT.	INCHES
20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000
50	175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4953
50	130	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761
72	1286	94.	6-1-86	THOMAS DAVIS	13.40	670
24	112	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393
80	90	98.	6-1-88	A. V. LINDER	4.00	200
70	1655	99.	6-1-88	LEVI SMITH	1.30	65
70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70
40	70	101.	6-1-88	ED. J. LINDER	1.46	73
40	220	102.	6-1-88	LIZZIE EVERETT	1.20	60
30	165	103.	6-1-88	JESSIE WILSON	1.40	70
20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45
200	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
230	115	106.	8-20-88	NAMPA-AMERICAN IRRIG. DIST.	370.84	18542
11	22	107.	5-1-89	CHAS. S. MILLER	.06	3
5.20	260	108.	5-1-89	LOMAIS S. ROSELEY	.02	1
.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40	120
1.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
0.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
0.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05	2
4.20	210	113.	5-1-89	GRACE CALL	.10	5
3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1
8.90	440	115.	6-1-89	SONORA JOPLIN	.06	3
1.40	220	116.	6-1-89	SONORA JOPLIN	1.20	60
11.32	1566	117.	5-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
4.00	200	118.	6-1-91	W. H. CONWAY	2.20	110
1.76	88	119.	6-1-91	THOMAS DAVIS	.54	27
2.40	120	120.	6-1-91	MIDLETON MILL DITCH CO.	17.00	850
.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50	175
7.50	1380	122.	6-1-91	SETTLERS CANAL CO.	73.41	3672
.90	45	123.	6-1-91	THOMAS AIKEN	.80	40
.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00	4000
1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76	88
3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
.44	22	127.	5-1-95	CHARLES REIN & JANE KEOGH	1.00	50
.44	22	128.	7-1-95	MATHEW CASEY	.60	33
2.76	142	129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50	4175
2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
12.70	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
11.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277
3.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34	2817

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN		PRIORITY NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	TOTAL SEC. FT.
	P. OF C.	TRANSFER				STEWART DECREE	BRYAN DECREE		
NEW YORK			131	3-23-1900	219.10			10955	
				3-23-1900			58.86	2943	
				12-14-1903			1354.58	67729	
				6-16-1909			926.50	46325	
		111	8	6-1-1864	20.34			1017	
			45	6-1-1869					
		111	96	10-1-1887	1.20			60	
		466	106	8-20-1888	8.90			445	
		701	30	5-1-1866	2.00			100	2591.48
		823	30	5-1-1866	6.00			300	2597.48
NAMPA & MERIDIAN			67	5-1-1878	170.00			8500	
			106	8-20-1888	370.64			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
BUSB (SOUTH BOISE)			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
			109	5-1-1889	2.40			120	
			110	5-1-1889	6.00			300	
			111	5-1-1889	2.94			147	
			112	5-1-1889	.05			2	
			113	5-1-1889	.10			5	
			114	5-1-1889	.03			2	
			8-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			5.40	270	21.14
NEEVES			53	6-1-1871	1.80			90	1.80
ROSSI MILL			16	6-1-1865	9.20			460	
			18	6-1-1865	.80			40	10.00
MANVILLE-LEONARD									
			32	6-1-1866	3.50			175	3.50

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-A

NAME OF CANAL	CHANGE IN P. OF L.	TRANSFER	PRIORITY NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	TOTAL SEC. FT.
DAVIS			94	6-1-1886	13.40			670	13.40
LITTLE DAVIS			119	6-1-1891	.54			27	.54
SETTLERS			92	10-17-1884	99.06			4953	
			122	6-1-1891	73.44			3672	
		347	3	6-1-1864	.14			7	
		349	3	6-1-1864	.14			7	
		350	3	6-1-1864	.14			7	
		357	65	6-1-1877	.20			10	
		412	81	6-1-1882	.40			20	
	76		85-B	4-1-1883		1.00		50	
	83		85-A	6-1-1882		.72		36	
		430	65	6-1-1877	.25			12.5	
		595	1	5-1-1864	.20			10	
		654	30	5-1-1866	.50			25	
		654	30	5-1-1866	1.00			50	
		654	30	5-1-1866	.50			25	
		694	30	5-1-1866	.16			8	
		694	30	5-1-1866	.12			6	
		694	30	5-1-1866	.14			7	
		694	30	5-1-1866	.26			13	
		702	30	5-1-1866	.60			30	
		712	30	5-1-1866	.20			10	
		712	30	5-1-1866	.20			10	
		712	30	5-1-1866	.50			25	
		720	30	5-1-1866	1.34			67	
		736	37	6-1-1868	1.00			50	
		737	30	5-1-1866	1.10			55	
		739	30	5-1-1866	.15			7.5	
		753	30	5-1-1866	.46			23	183.92
		829	30	5-1-1866	.48			24	184.40
THURMAN MILL			7	6-1-1864	3.30			165	
			10	6-1-1865	1.20			60	
			11	6-1-1865	.66			33	
			36	6-1-1868	14.10			705	
			37	6-1-1868	3.70			185	
			42	6-1-1869	1.60			80	
			55	6-1-1872	.70			35	
			56	6-1-1872	1.40			70	
			62	6-1-1876	.44			22	
			75	6-1-1880	2.40			120	
			76	10-20-1880	.90			45	
			78	6-1-1882	.90			45	
			79	6-1-1882	.60			30	
			81	6-1-1882	2.60			130	
			84	6-1-1882	1.50			75	
			87	6-1-1883	.90			45	
			128	7-1-1895	.66			33	
		412*	81	6-1-1882	.40*			20*	37.16
		736*	37	6-1-1868	1.00*			50*	36.16

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STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-b

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREE				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
PENITENTIARY	46		50	5-1-1866	2.24			112	2.24
CRUZEN (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
								24*	33.35
BOISE CITY									
			33	6-1-1866	38.06			1903	
		370*	33	6-1-1866	1.124*			56.2*	
		373*	33	6-1-1866	.374*			18.7*	36.562
FARMERS UNION									
			126	7-2-1894	110.00			5500	
		136	2	6-1-1864	20.00			1000	
		370	33	6-1-1866	1.124			56.2	
		373	33	6-1-1866	.374			18.7	
		374	65	6-1-1877	.40			20	
		375	65	6-1-1877	.20			10	
		384	65	6-1-1877	.40			20	
		385	65	6-1-1877	.266			13.3	
		386	65	6-1-1877	.40			20	
		387	65	6-1-1877	.40			20	
		391	3)	6-1-1864					
		391	54)	6-1-1871	.15			7.5	
		393	3	6-1-1864					
		393	54	6-1-1871	.268			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	151.312	

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-C

NAME OF CANAL	CHANGE IN F. OF U.	TRANSFER	PRIORITY		STEWART DECREE	AMOUNT DECREED		
			NO.	DATE		INTERVENORS STEWART DECREE	BRYAN DECREE	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	7.86			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		.825		41.25
		300	3	6-1-1864				
		300	54	6-1-1871	.35			17.5
		300	120	6-1-1891				
		301	3	6-1-1864				
		301	54	6-1-1871	1.54			77
		301	120	6-1-1891				
			102	6-1-1888	.20			10
64			85-D	5-1-1883		.06		3
140			124-A	5-1-1893		.135*		6.75*
151*			103	6-1-1888	.65			32.5
161			103	6-1-1888	.24			12
174		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		.60		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*
174*								15.25

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STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-D

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.
MIDDLETON WATER			65	6-1-1877	114.08				
	36		35	6-1-1867	.38			57.04	
	57*		65	6-1-1877	.60*			19	
	61		31-B	6-1-1866				30*	
	84*		65	6-1-1877	.80*		.60	30	
	126		31-A	6-1-1866				40*	
		357*	65	6-1-1877	.20*	2.30		115	
		374*	65	6-1-1877	.40*			10*	
		375*	65	6-1-1877	.20*			20*	
		384*	65	6-1-1877	.40*			10*	
		385*	65	6-1-1877	.265*			20*	
		386*	65	6-1-1877	.40*			13.3*	
		387*	65	6-1-1877	.40*			20*	
		392*	65	6-1-1877	.40*			20*	
		395*	65	6-1-1877	.50*			20*	
								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			1695	
			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	.285*			14.4*	
		393*	120)	6-1-1891					62.562
		754	30	5-1-1866	.40			20	62.962
PIONEER			49	6-1-1870	25.72			1286	25.72
LAWRENCE & KENNEDY			31-C	6-1-1866		1.10		55	1.10

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-E

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	
CANYON COUNTY			35	6-1-1867	75.00			3790	
			35-A	6-1-1867		1.76		88	
	29							50	
	36*		35	6-1-1867	1.00			19*	
	54*		35	6-1-1867	.38*			55.5*	
	59		31	6-1-1866	1.11*			130	
	75				2.60			25	
	147		35	6-1-1867	.50			10	80.37
					.20				
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*	
			138	6-1-1912		.40		20	10.86
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	1.00			60	
			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	30				1.04			52	
	39								
	179		5)	6-1-1864	.24			12	1.28
			52)	6-1-1871					

* SUBTRACT

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

CHART NO. 25-F

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREE			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS 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				2817	
				4-1-1908			306.56	15328	
							54.50	2725	670.50
EUREKA NO. 1			13	6-1-1865	33.32			1666	33.32
CALEWELL HIGH LINE			34	6-1-1866	15.40			770	
			46	6-1-1869	37.20			1860	
	29*		77	10-29-1880	27.60			1380	
					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	
			129	7-1-1896	83.50			4175	
				4-1-1905				7722	
		717	9	6-1-1865	.64		154.45	32	318.59
CANYON DITCH CO.			132	5-17-1900	10.00			500	
			134	10-25-1901	5.54			277	
		38	96	10-1-1887	12.10			605	
		105	9	6-1-1865	.50			25	28.14
SIEGENBERG			9	6-1-1865	13.42			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			63.7F	3189	
				4-1-1914			17.70	885	
		608*	88	6-1-1883	1.00*			50*	
		644*	88	6-1-1883	.70*			35*	
		660*	88	6-1-1883	.60*			30*	
	35				2.00			100	
	175*		88	6-1-1883	1.70*			85*	290.374

* SUBTRACT

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEATINGS

CHART NO. 25-4

NAME OF CANAL	CHANGE IN P. OF D.	PRIORITY		STEWART DECREE	INTERVENORS		TOTAL SEC. FT.
		TRANSFER	NO. DATE		STEWART DECREE	BRYAN DECREE	
PIONEER LIXIE			8 6-1-1864	20.00			
			45 6-1-1869	35.44			1000
		36	96 10-1-1887	2.00			1772
		48	96 10-1-1887	4.20			100
		62*	96 10-1-1887	1.00*			210
		111*	8) 6-1-1864				50*
			45) 6-1-1869	20.34*			
		608	88 6-1-1883	1.00			1017*
		644	88 6-1-1883	.70			50
		660	88 6-1-1883	.60			35
	35*			2.00*			30
	148*		96 10-1-1887	1.50*			100*
							75*
							39.10
EUREKA NO. 2			89 11-9-1883	21.70			
		47	96 10-1-1887	29.50			1085
		62	96 10-1-1887	1.00			1475
		71	24 6-1-1865	.80			50
	85		6-1-1865	.50			40
		111*	96 10-1-1887	1.20*			25
	131*		89 11-9-1883	.70*			60*
	159		6-1-1865	.10			35*
	175		88 6-1-1883	1.70			5
	224*		89 11-9-1883	.90*			85
UPPER CENTER POINT							53.40
							52.95
			23 6-1-1865	3.20			
			24 6-1-1865	2.40			160
			25 6-1-1865	3.94			120
			26 6-1-1865	1.60			197
			27 6-1-1865	1.58			80
		71*	24 6-1-1865	.80*			79
	85*		6-1-1865	.50*			40*
	148		96 10-1-1887	1.50			25*
LOWER CENTER POINT			6-1-1865	.10*			75
							5*
							12.12
			19 6-1-1865	2.88			
			20 6-1-1865	6.40			144
			21 6-1-1865	2.90			320
			22 6-1-1865	3.20			145
			38 6-1-1868	3.20			160
			43 6-1-1869	3.60			160
			73 6-1-1879	4.00			180
BOWMAN & SKISHER	50*		19 6-1-1865	2.88			200
	51*		20 6-1-1865	6.40			144*
			20 6-1-1865	.80*			320*
	224		89 11-9-1883	.90			35
							17.60
BOWMAN			19 6-1-1865	2.88			
			20 6-1-1865	6.40			144
			20 6-1-1865	.80*			320
			89 11-9-1883	.90			40*
							45
							9.38
BOWMAN			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*
BOWMAN							9.36

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-H

NAME OF CANAL	CHANGE IN F. OF F.	TRANSFER	PRIORITY		INTERVENDORS			AMOUNT DECREED	
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	TOTAL SEC. FT.
HAAS DITCH	176		39	6-1-1868	8.54			427	17.34
			70	6-1-1878	8.80			440	
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150	20.00
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	
LARSEN-BAXTER-LEMP			75-A	1880		3.20		160	4.00
			20	6-1-1865	.80			40	
BOONE DITCH			28	6-1-1865	7.00			350	12.70
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	
ANDREWS DITCH			4	6-1-1864	3.30			165	23.50
			29	6-1-1865	6.00			300	
			41	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	
PARMA DITCH			71	6-1-1878	4.40			220	11.96
			74	6-1-1880	1.76			88	
			125	6-1-1894	1.76			88	
			77-A	6-1-1881		1.60		80	
			77-B	6-1-1881		.34		17	
			77-C	6-1-1881		.80		40	
			77-D	6-1-1881		1.20		65	
O'DONNELL DITCH	227*		114-A	5-1-1889		1.60		80	2.40
			114-B	5-1-1889		.80		40	
			114-A	5-1-1889		1.60*		80*	
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		80	1.60

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

CHART NO. 26

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%
1 THOMAS DAVIS	1	2.20	1.65	1.32		1073.71	1386.36
2 JACOBS CANAL CO.	1	20.00	20.00	20.00			
3 MIDDLETON MILL LITCH CO.	1	12.80	9.60	7.68		1075.63	1389.56
4 THOMAS ANDREWS	3	3.30	2.48	1.98			
5 CATLIN & WACE	1	2.96	2.15	1.72		1076.06	1390.27
6 T. C. CATLIN	1	3.30	2.48	1.98		1076.56	1391.09
7 C. C. HAVIRD	1	3.30	2.48	1.98		1077.06	1391.91
8 PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00			
8A ADALPH BAHLER	1	.80	.60	.48		1077.18	1392.11
8B FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08		1077.45	1392.56
9 STEENBERG	2	13.42	10.07	8.05			
10 ALLEN V. WEBSTER	1	1.20	.90	.72		1077.63	1401.21
11 J. F. YARYAN	1	.66	.50	.40		1077.73	1401.37
12 GRAHAM & GILBERT	1	4.40	3.30	2.64		1078.39	1402.47
13 EUREKA WATER CO.	1	33.32	24.99	19.99		1083.39	1410.80
14 NEW UNION LITCH CO.	1	13.76	10.32	8.26		1085.45	1414.24
15 BOISE VALLEY IRR. CO.	1	54.58	40.94	32.75		1093.64	1427.88
16 RIDENBAUGH & ROSSI	1	9.20	6.90	5.52		1095.02	1430.18
17 RIDENBAUGH & ROSSI (POWER)	1						
18 DENVER & IDAHO LAND CO.	1	.80	.60	.48		1095.14	1430.38
19 MARTHA BOWMAN	2	2.88	2.15	1.73			1431.10
20 BIRD BOWMAN	2	6.40	4.80	3.84			1432.70
21 G. M. GESS	2	2.90	2.18	1.74			1433.42
22 ROBERT MCGUIRE	2	3.20	2.40	1.92			1434.22
23 C. M. COOPER	2	3.20	2.40	1.92			1435.02
24 J. W. ROWLAND	2	2.40	1.80	1.44			1435.62
25 CRAFER & WELLS	2	3.94	2.96	2.36			1436.60
26 THOMAS J. PALMER	2	1.60	1.20	.96			1437.00
27 NOLAN W. PALMER	2	1.58	1.19	.95			1437.39
28 J. N. TUCKER	3	7.00	5.25	4.20			
29 THOMAS ANDREWS	3	6.00	4.50	3.60		1096.04	1438.89
29A LOUISE SIMONSON	1	6.00	4.50	3.60		1096.12	1439.04
29B S. G. HARTZ & AMELIA LISLEY	1	.50	.38	.30			
30 J. PERRAULT & R. JOHNSON	1	50.00	50.00	50.00		1096.51	1439.66
31 WILLIAM P. KENNEDY	1	2.60	1.95	1.56		1096.86	1440.23
31A W. M. MUSSEY	1	2.30	1.73	1.38		1096.95	1440.38
31B M. M. MUSSEY	1	.50	.45	.36		1097.12	1440.55
31C M. M. MUSSEY & JERRY DRIZENS	1	1.10	.83	.66		1097.65	1441.52
32 ALBERT C. BOWERMAN	1	3.50	2.63	2.10		1103.37	1451.03
33 MANVILLE & LEONARD	1	38.06	28.55	22.83		1105.68	1454.86
34 BOISE CITY CANAL CO.	1	15.40	11.55	9.24		1117.05	1473.83
35 FRANKLIN LITCH CO.	1	75.80	56.85	45.48		1117.31	1474.27
35A CANYON COUNTY WATER CO.	1	1.76	1.32	1.06		1119.43	1477.79
36 RALPH T. KNIGHT	1	14.10	10.58	8.46	8.46	1119.99	1478.71
37 MARTHA E. MCCARTHY	1	3.70	2.78	2.22	10.68		1479.51
38 H. L. & LORA LUDMAN	2	3.20	2.40	1.92			
39 T. T. JOHNSON	3	8.54	6.41	5.12	11.52	1120.20	1479.86
40 ROSS, ALLEN, FILLEY & ROSS	1	1.40	1.05	.84			
41 S. G. GRAY	3	1.90	1.35	1.08		1120.44	1480.26
42 JOHN MAMMON	1	1.60	1.20	.96	12.48		1481.16
43 TESSIE BETHAL	2	3.60	2.70	2.16			
44 FRIEDRICH DIF	3	8.50	6.38	5.10			1490.02
45 PRIOR BURNETT	2	35.44	26.58	21.26	34.90	1126.02	1499.32
46 PIONEER DIXIE DITCH CO.	1	37.20	27.90	22.32			
47 MASON CREEK DITCH CO.	3	3.50	2.63	2.10		1126.14	1499.52
48 T. W. BOONE	1	.80	.60	.48	35.28	1126.53	1500.17
49 ADALPH BAHLER	1	2.60	1.95	1.56	36.84	1130.39	1500.60
50 W. J. HAMMING	1	25.72	19.28	15.43	52.27	1130.73	1507.16
51 PIONEER CANAL	1	2.24	1.68	1.34	53.61		
52 BARBER LUMBER CO.	1						

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

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

CHART NO. 26-A

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%
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 GAILIN & MACE	1	7.86	5.90	4.72	58.93	1132.06	1509.37
53 PETER MEELVES	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. VARYAN	1	.70	.53	.42	80.55	1137.50	1518.41
56 J. F. VARYAN	1	1.40	1.05	.84	81.49	1137.71	1518.76
57 MARY C. DAVIS	1	4.40	3.30	2.64	81.13	1138.37	1519.86
58 EDWART N. HART	1	3.30	2.48	1.98	86.11	1138.97	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 EDVARE & MARY CLARK	1	2.30	1.73	1.38	87.49	1139.22	1523.95
62 JOHN CECIL	1	.44	.33	.26	87.75	1139.29	1523.95
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	114.08	85.56	68.45	159.86	1157.32	1553.90
66 FERRAULT & JOHNSON (FOWER)							
66A J. S. KRAUS	1	.80	.60	.48	160.34	1157.44	1554.10
66B J. S. KOLANER	1	1.40	1.05	.84	151.18	1157.65	1554.45
66C M. T. JR FEITH	1	.80	.60	.48	151.56	1157.77	1554.65
67 NAMPA, MERIDIAN IRRIG. DIST.	1	170.00	127.50	102.00	203.66	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 RICHLINE DITCH CO.	3	3.00	2.25	1.80			
72 NEW DRY CREEK DITCH CO.	1	31.22	23.42	18.79	282.45	1187.07	1604.98
73 L. MUMFORD	2	4.00	3.00	2.40			1605.98
73A DOBLE & SONNER	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	1188.42	1606.71
75A C. B. FRANK	1	.916	.61	.49	284.70	1188.54	1606.92
75B ALBERT LEMP ET AL	3	3.20	2.40	1.92			
76 JOSEPH DOBLE	1	.90	.68	.54	285.24	1188.68	1607.14
77 FRANKLIN DITCH CO.	1	27.60	20.70	16.56	301.80	1192.82	1614.04
77A JUS A. BARTH	3	1.60	1.20	.96			
77B CHARLES JURKIES	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			1615.17
78 ALLEN V. WEBSTER	1	.90	.68	.54	302.34	1192.96	1615.32
79 SUSIE CAMPBELL	1	.60	.45	.36	302.70	1193.05	1615.32
80 J. T. BAREER	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	.41	.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	307.04	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	.75	.56	.45	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	311.39	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			1624.08
87 FRANCIS M. JOPLIN	1	.90	.68	.54	312.14	1195.42	1624.25
88 W. A. BLACK	2	12.00	9.00	7.20			1627.25
89 EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1632.67
90 PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	344.00	1203.39	1645.94

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

CHART NO. 26-

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	1216.25	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	1682.65
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			1695.00
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	426.51	1224.53	1699.08
100 CHARLOTTE CALHOUN	1	1.40	1.05	.84	429.35	1224.74	1699.43
101 ED J. LINDER	1	1.46	1.10	.88	430.23	1224.96	1699.79
102 LIZZIE EVERETT	1	1.20	.90	.72	430.95	1225.14	1700.09
103 JESSIE WILSON	1	1.40	1.05	.84	431.79	1225.35	1700.44
104 THOMAS ANDREWS	3	.90	.68	.54			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	646.95	1279.65	1805.65
106 BOARD OF CONTROL	1	8.90	6.67	5.34	654.29	1280.98	1805.65
107 CHARLES S. MILLER	1	.06	.05	.04	654.33	1280.99	1805.66
108 LAMMIS L. MOSLEY	1	.02	.015	.01	654.34	1280.99	1805.67
109 S. J. UTTER, & C. B. TAYLOR	1	2.40	1.80	1.44	655.78	1281.35	1806.27
110 SOUTH BOISE MUTUAL IRR. CO.	1	6.00	4.50	3.60	659.38	1282.25	1807.77
111 ESTATE OF J. H. GALLAGHER	1	2.94	2.21	1.76	661.14	1282.70	1808.50
112 ANNA H. FOGARTY	1	.05	.04	.02	661.17	1282.71	1808.51
113 GRACE CALL	1	.10	.08	.06	661.23	1282.73	1808.53
114 SAMUEL H. CANFIELD	1	.03	.02	.02	661.25	1282.73	1808.54
114A NEIL & PATRICK O'TONNELL	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. HARTLES & 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. H. CONWAY	1	2.20	1.65	1.32	783.83	1313.38	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	1864.29
121 THOMAS ANDREWS	3	3.50	2.63	2.10			1882.65
122 SETTLERS CANAL CO.	1	73.44	55.08	44.06	838.41	1327.04	1882.65
123 THOMAS AITKEN	1	.80	.60	.48	838.89	1327.16	1902.05
124 RIVERSIDE IRR. DIST.	2	80.00	60.00	48.00			1903.06
124A W. C. CHARTERS	1	.825	.62	.50	839.39	1327.28	1930.56
125 R. H. STOCKTON	3	1.76	1.32	1.06			1930.56
126 FARMERS UNION DITCH	1	110.00	82.50	66.00	905.39	1343.78	1930.81
127 CHARLES REIN & JAMES KEOGH	1	1.00	.75	.60	905.99	1343.93	1930.97
128 MATHW CASEY	1	.66	.50	.40	906.39	1344.03	1951.84
129 FARMERS COOP. DITCH	2	83.50	62.63	50.10			1951.97
129A H. E. PLAIN	1	.54	.41	.32	906.71	1344.12	1956.97
130 RIVERSIDE IRR. DIST.	2	20.00	15.00	12.00			2011.74
131 NEW YORK CANAL CO.	1	219.10	164.33	131.46	1036.17	1376.99	2014.24
132 CANYON DITCH CO.	2	10.00	7.50	6.00			2031.74
133 RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2033.12
134 CANYON DITCH CO.	2	5.54	4.16	3.32	1071.97	1385.45	2047.20
135 PIONEER IRR. DIST.	1	56.34	42.26	33.80	1072.16	1385.51	2047.29
136 H. E. WIMER	1	.356	.27	.21	1073.14	1385.75	2047.69
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	2047.79
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 DECREED RIGHTS (BRYAN DECREE) & FLOW IN SECOND FEET

CHART NO. 26-C

NECESSARY AT DIVERSION DAM TO FILL SAME

<u>PRIORITY DATE</u>	<u>NAME</u>	<u>100% OF DECREE</u>	<u>75% OF DECREE</u>	<u>60% OF DECREE</u>	<u>FLOW NECESSARY TO FILL TO 60%</u>	<u>FLOW NECESSARY TO FILL TO 75%</u>	<u>FLOW NECESSARY TO FILL TO 100%</u>
7-2-94	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	5026.68
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".

