

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1957**

REPORT ON

CANAL DELIVERIES FROM

BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1957

(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 1957 was the same that it has been for several years past. It includes a Chairman and Secretary, a Watermaster, one Assistant for a few months during the summer, and a part-time stenographer.

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

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

T. M. DeCoursey, Chairman
O. L. Greer, Secretary
Ernest Anderson
O. W. Bunton
John Demond
Wm. Wymer
George M. Olsen
Estel Putman
M. A. Watkins

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

Cooperative assistance is also rendered by the U. S. Geological Survey in current meter work and compiling records of Boise River at Lucky Peak, Notus, Middle Fork at Twin Springs, More's Creek and Robie Creek.

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

DECREES

Stewart Decree:

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

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

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

Bryan Decree:

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

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

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

Chart 26-C shows the decreed rights contained in the Bryan Decree or Flood Water Decree. It shows the date of priority, name of wateruser, to whom decree was issued, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Flood Water Decree to 60 percent, 75 percent and 100 percent.

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total annual flow for the calendar year 1957 was 2,390,834 acre feet and for the irrigation year was 2,424,790 acre feet. Precipitation was light and the outlook poor as of March 1. March and April precipitation was heavy in the mountains and April and May were wet over the Valley. There was no irrigation demand in April and not much until the last 10 days in May when demand increased and was strong the balance of the season. Some water was wasted and there was some damage from erosion

several places along the river. The river went above 10,000 second feet from May 2 to June 10, except for 4 days in May. The highest flow was 15,921 second feet on June 6 and the lowest 603 second feet on August 23. The outflow at Lucky Peak Dam was cut to 70 second feet on October 19 and that amount of water was released the balance of the year in accordance with a temporary agreement with the Fish and Game Commission.

CANAL REGULATIONS

It was necessary to begin canal regulations July 1.

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

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

Chart 7 is a table showing the return flow, canal diversions, winter diversions and winter waste for the entire Boise Valley for each season beginning 1940 to date. Previous reports show the same information, 1915 to 1939 inclusive.

TRIBUTARY GAIN

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

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

NET GAIN

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

RIVER FLUCTUATION

The river flow was very steady, there being practically no fluctuations. A change of gates at Lucky Peak sometimes resulted in a slightly changed

discharge. A gaging station below Diversion Dam is being installed for trial this season and if it is found to be of value, it will be made permanent with a constant level gage in the control room at Lucky Peak Dam.

CLASSIFICATION OF RIVER

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

SECTION I

Chart 10 shows the condition that existed in this section during the period July 1 to September 30 inclusive. The average net gain in this section per day during this period was 297 second feet.

SECTION II

Chart II is a table showing the condition that existed in this section during the period July 1 to September 30 inclusive. The average return flow per day during this period to this section was 1073 second feet. A considerable amount of water from the Black Canyon project has come into this section of the river since 1950 and the return flow has now become a sufficient quantity so this section requires practically no regulation.

SECTION III

The return flow to Section III was sufficient to take care of all rights in this section during the entire season, and therefore no 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 forty years, has proven very satisfactory when the entire valley is taken into consideration. This court order is given in full on Page 2 of this report.

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

Chart 14 is a table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1939. A similar record showing the acre-feet per acre diverted for 18 principal canals in the Boise Valley, beginning 1916, may be found in previous annual reports. The amount shown under the column "Acre Feet Per Acre" cannot be construed as a duty of water for the lands of the Boise Valley, due to the large and varying quantities of return flow water picked up by many of these canals.

DRAINAGE

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

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

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

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

INTERVENORS

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

CHANGES IN POINT OF DIVERSION

Chart 22 is a table showing the change in the point of diversion of decreed rights on the Boise River as recorded in the office of the State Reclamation Engineer.

TRANSFERS

Charts 23 and 23-A are tables showing the transfer of decreed rights

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

STEWART DECREE

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

Charts 26, 26-A and 26-B are tables showing decreed rights contained in the Stewart Decree and the natural flow at the Diversion Dam necessary to fill the same.

STEWART AND BRYAN DECREES GROUPED BY CANAL HEADINGS

These tables, Charts 25-A to 25-H inclusive, have been compiled for the benefit of those canal companies which have more than one date of priority. These tables also include the transfers and changes in point of diversion. They show the date and amount of each priority and the total amount decreed.

BRYAN DECREE

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

WATERSHED

The following is quoted from the 1947 report:

"The question of watershed protection will always be a paramount importance to the waterusers of Boise Valley. It is regrettable, however, that matters of this kind the people of the valley generally are too much inclined to take the attitude of 'Let George Do It'. The preservation and protection of this great natural resource, not only for the benefit of present day waterusers but for generations yet to come, should

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

STORAGE WATER

As of March 1, there was 232,481 acre feet of water in Anderson Ranch Reservoir, 243,920 acre feet in Arrowrock and 145,508 acre feet in Lucky Peak. 1,000 second feet is being released from Anderson Ranch Reservoir, approximately 7500 second feet from Arrowrock Reservoir and 2500 second feet from Lucky Peak Reservoir in anticipation of a near normal run-off.

FLOOD CONTROL

Lucky Peak Dam is completed and flood damage should be held to a minimum. There will still be some damage along the river from erosion until such time as protecting levees can be built in certain places on both banks of the river.

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

COST REPORT - 1957

Watermaster Salary	\$5,400.00
Assistant Watermaster Salary	954.00
Car Mileage	1,153.68
Miscellaneous	466.68
Telephone	257.01
Office Rent	240.00
Stenographic Services	211.25
Insurance	107.22
Social Security Tax	120.09
Snow Survey	<u>297.03</u>
Sub-total	\$9,186.96

Services rendered by Boise Project Board of Control . . .	\$ 780.00
TOTAL COSTS TO WATER DISTRICT 12-A FOR 1957	\$9,966.96

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.

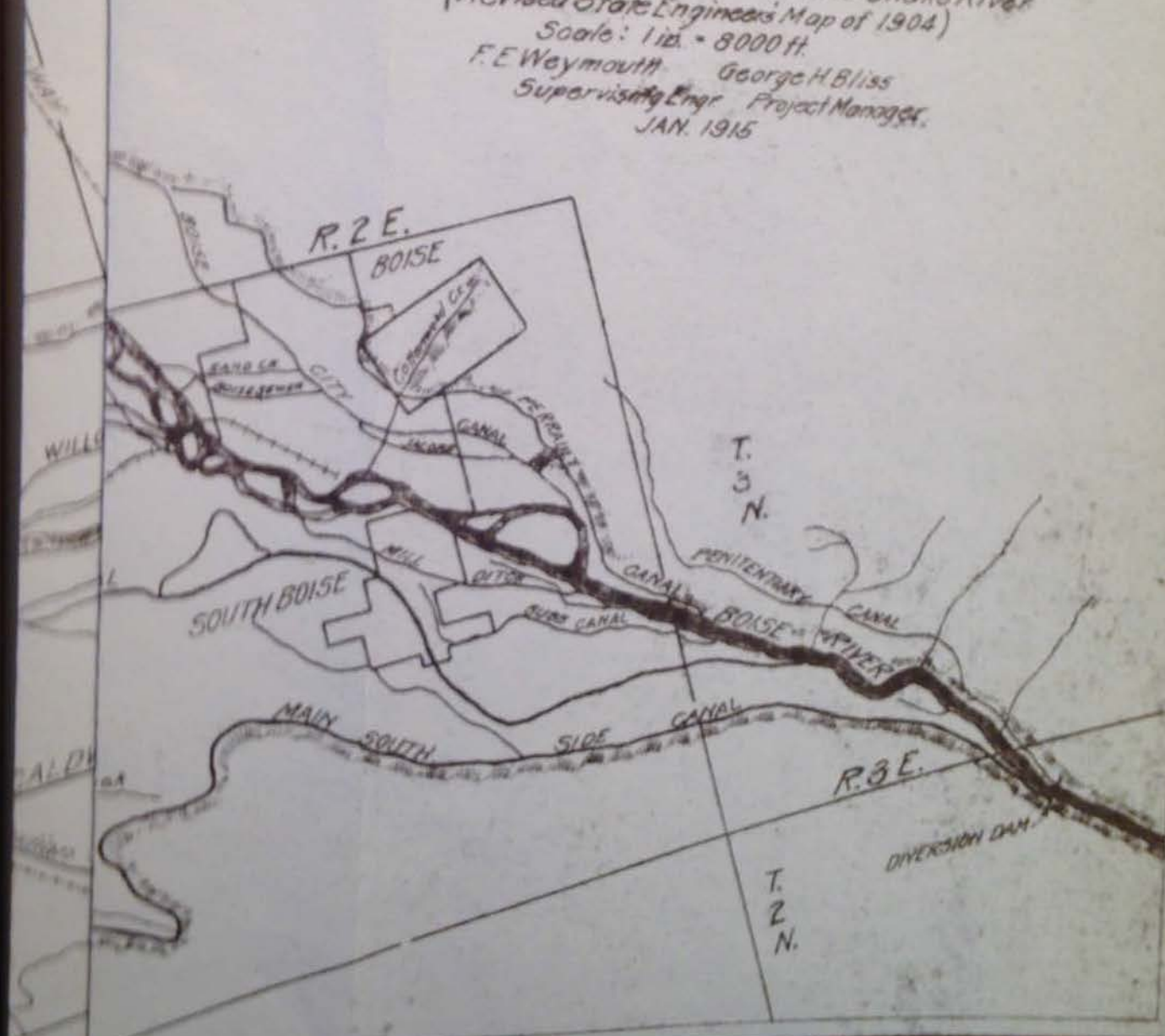
13. That if the so-called "sliding scale" should be fixed by the Court as a permanent duty of water for the Boise Valley, then an exception to said "sliding scale" should be made in the case of certain river bottom lands.

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.

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



R. 6 W.

R. 5 W.

T. 6 N.

PARMA

OREGON SHORT LINE R. R.

STOCTON

ANDREWS

SLOUGH

ANDREWS CANAL

HAAS

BOISE RIVER

MINNIE GULCH

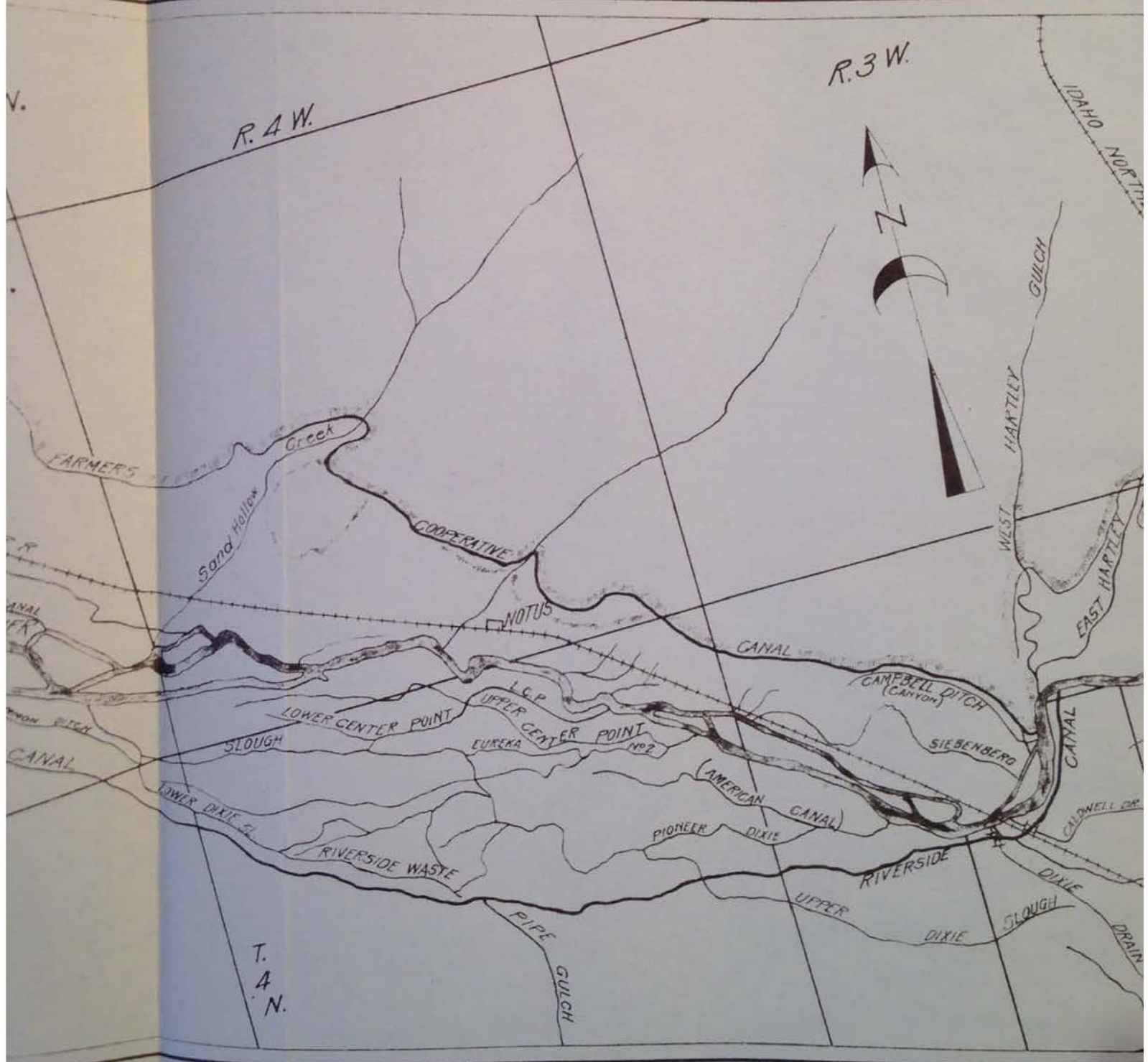
MINNIE RICH

CANAL

RIVERSIDE

OREGON IDAHO
BOUNDARY LINE

13857



R. 3 W.

R. 2 W.

T. 5 N.



IDAHO NORTHERN RAILWAY

WEST HARTLEY GULCH

EAST HARTLEY

GULCH

CREEK

WILLOW

MIDDLETON

MIDDLETON SLOUGH

MASON (BIG SLOUGH)

BOISE

RIVER

SLOUGH

CALDWELL CANAL

CAMPBELL DITCH (CANYON)

SIEBENSBERG

CANAL

CALDWELL DR.

CALDWELL

RIVERSIDE

DIXIE

Indian

DIXIE SLOUGH

DRAIN

Creek

Creek

Terri

MIDDLETON

MIDDLETON

MILL

MILL

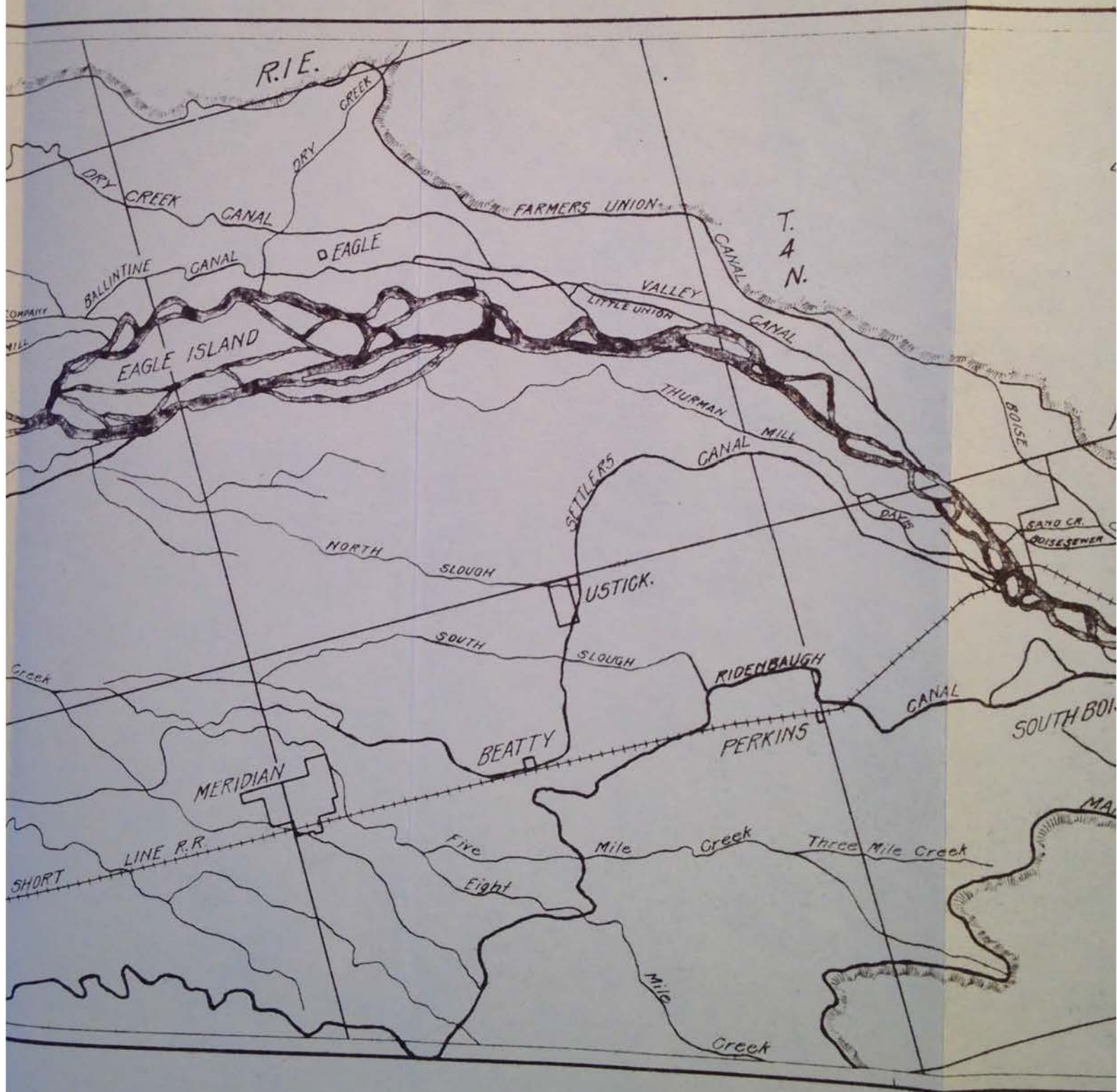
SLOUGH

MIDDLETON CANYON

LAWRENCE AND COUNTY CANAL

PHYLLIS







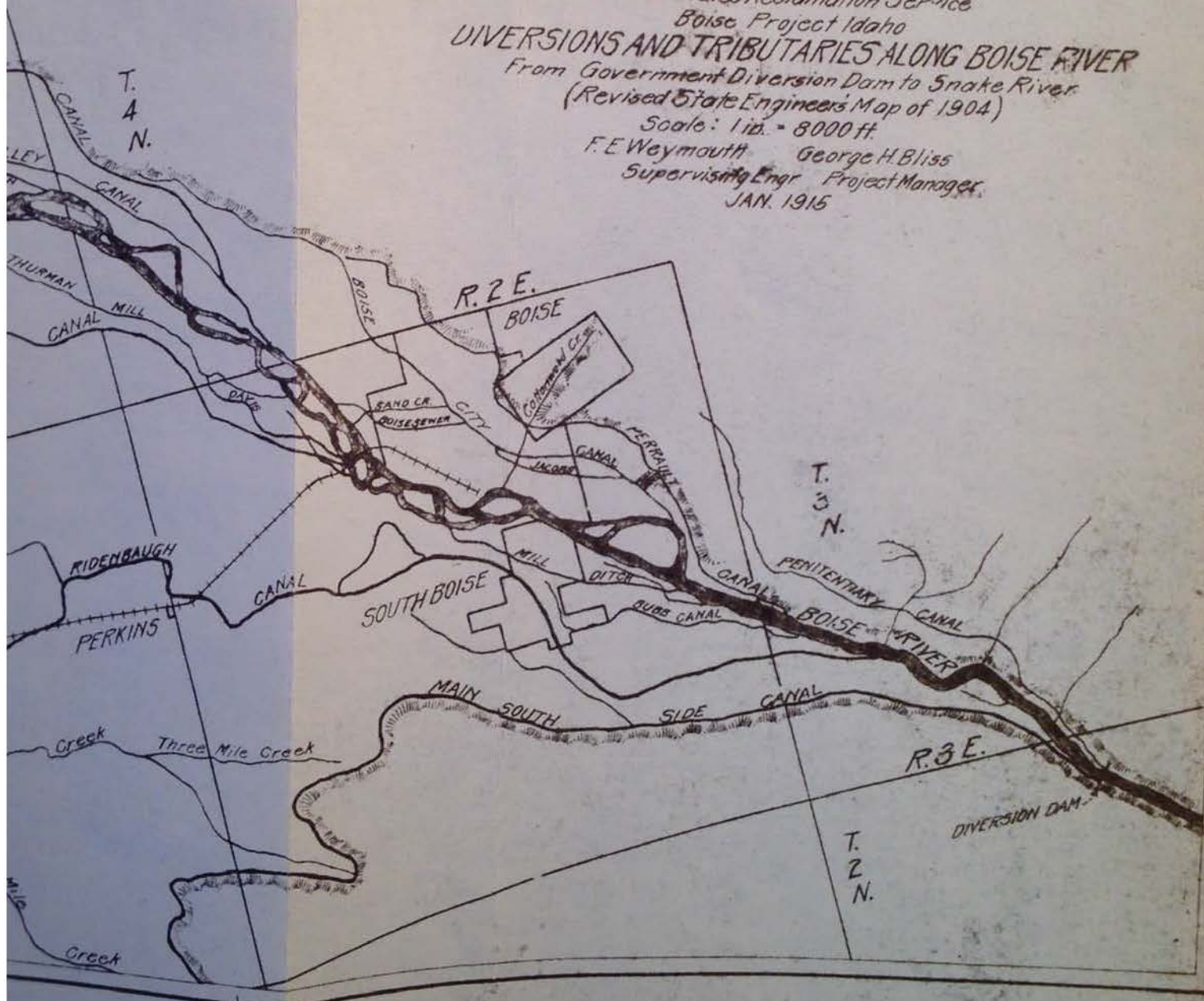
Department of the Interior
United States Reclamation Service
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DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER

From Government Diversion Dam to Snake River
(Revised State Engineers Map of 1904)

Scale: 1 in. = 8000 ft.

F.E. Weymouth George H. Bliss
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 JAN. 1915



NATURAL FLOW OF IN

BEGINNING IN

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	876
1942	612	612	612	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	721	1326
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1550	1636	1300	1100
1944	998	895	979	759	575	685	876	673	670	671	674	676	684	668	962	934	945	1042
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1305	1169	1052
1946	2583	2012	2128	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057	983	866	1214	1246
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052	788	753	786	733
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842	940	948
1949	866	878	818	730	730	825	800	322	861	868	773	760	777	824	830	850	841	814
1950	641	735	654	772	509	645	847	894	903	955	952	707	558	884	624	760	832	706
1951	1120	993	1241	1259	997	1017	1000	748	949	1120	1294	1188	1361	1167	1124	1230	1404	1165
1952	799	526	852	469	1009	989	898	1152	1046	936	1195	1463	1735	904	1285	1544	1616	581
1953	776	694	1345	786	691	810	1165	731	1103	1275	1657	1090	1736	2377	1738	1741	1662	2309
1954	809	936	940	954	954	962	997	945	910	893	860	955	911	874	846	824	831	862
1955	853	737	700	698	698	724	736	741	744	746	752	754	755	754	758	774	721	805
1956	2721	2662	2611	2605	2454	2272	1972	1955	1790	1787	1638	1702	1855	1891	2179	2652	3282	4416
1957	943	963	1057	768	720	714	741	747	748	790	817	882	985	1079	969	930	880	821

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	817	843	852	957	831	879	1140	1215	1100	1102	1241	1435	1469	1238	1123	1163	1093	994	1041
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	1179	1011	892	739
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	970
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1590	1396
1946	1093	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2099	1886	1847	1937	2145
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227
1949	759	801	827	862	873	803	885	890	862	832	801	770	734	659	682	504	682	691	753
1950	833	747	675	1415	1134	1344	1272	1181	1267	1258	1091	990	1165	917	1112	1199	1205	1202	1207
1951	757	835	945	1261	2237	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334
1952	900	1762	2068	1842	1607	1437	1290	1466	1611	1620	918	1342	1323	1272	921	1187	1743	1714	1215
1953	1127	1301	1834	2664	2912	2320	2082	2300	1921	1761	1697	1535	1515	1455	1550	1329	1416	1404	1398
1954	1482	1472	1434	1434	1347	1290	1290	1329	1329	1406	1431	1654	2038	2230	2218	2103	1966	2032	1715
1955	644	502	451	422	495	563	734	968	982	898	795	721	718	721	725	754	823	779	795
1956	1201	1210	1211	1358	1774	2202	2563	2693	2863	3147	2463	2120	2017	1798	1686	1358	1311	1380	1402
1957	850	924	924	935	942	954	972	981	939	901	938	957	966	967	1040	1047	1055	1079	1039

NATURAL FLOW OF BOISE RIVER

CHART NO. 2-L

BEGINNING 1941

JANUARY

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
22	926	1076	929	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
41	946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
44	1519	1551	1636	1300	1100	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
34	688	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752	24,706
2	1300	1461	1305	1169	1052	1034	1035	704	830	739	663	815	806	737	774	772	684	876	28,125
78	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
74	1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	913	921	986	908	30,181
05	866	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
77	824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
58	884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1237	1251	1182	1271	1019	833	31,594
61	1167	1124	1230	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	1118	35,328
35	904	1285	1544	1618	581	1254	1132	974	966	1375	1249	1257	987	1452	976	1089	1109	1379	34,200
36	2377	1738	1741	1662	2309	1536	3814	2852	2266	1732	1452	1546	1525	1065	1647	1698	1258	1544	50,641
11	674	846	824	831	862	885	897	967	942	919	1023	1023	1127	1219	1272	1327	1422	1462	30,768
55	754	758	774	791	805	818	815	851	846	821	826	804	752	745	740	721	738	744	23,741
55	1891	2179	2652	3282	4416	3354	3066	2933	2838	2771	2743	2568	2359	2215	2149	1652	1435	1220	73,757
85	1079	969	930	880	821	792	837	856	882	949	945	915	847	749	737	743	741	774	26,324

FEBRUARY

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
69	1238	1123	1153	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
18	861	997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
48	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2631	2870	2759				58,282
73	785	906	1053	867	858	979	842	847	622	916	794	919	796	797	954	780			26,305
99	3121	2857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
41	961	1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,902
90	2423	2059	1586	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,539
70	902	970	981	917	886	1227	1411	1132	1326	1819	1458	1222	1309	1509	1340	1203			30,240
34	659	682	594	682	691	753	792	841	846	846	871	901	916	929	945				22,837
65	917	1112	1159	1205	1202	1207	1269	1223	1221	1410	1412	1935	2020	1596	1975				35,705
47	3254	3175	2295	2409	2301	2334	2198	1937	2059	1829	1815	1678	2314	1528	2020				63,068
323	1272	921	1167	1743	1714	1215	1310	1183	1269	1206	1264	942	1120	949	1511	721			38,754
515	1455	1550	1329	1416	1404	1398	1550	1008	1069	1316	1356	1257	811	1271	1116				44,280
038	2230	2218	2103	1966	2032	1715	1663	1529	1410	1514	1627	1714	1866	1904	2120				46,637
718	721	725	754	823	779	795	764	721	730	730	738	760	760	763	767				20,223
017	1798	1686	1358	1311	1380	1402	1448	1590	1615	1650	1690	1703	1588	1590	1842	1772			52,295
966	967	1040	1047	1095	1079	1039	1073	1183	1198	1403	2437	3446	4399	6586	6265				46,440

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	1678	1908	1741	1823	1679	1615	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1698	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	681	1196	1142
1945	903	1024	1056	1012	812	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519
1946	1733	1580	1379	1595	1565	1948	1997	2033	2170	2342	2900	3811	4148	4121	3566	3217	2843	2526
1947	1551	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2104	2490	2946	3095	3940
1948	1687	1173	1121	1096	966	976	973	994	997	978	994	1005	1015	1087	1060	1126	1145	1137
1949	1113	1343	1506	1746	1623	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890
1950	2698	2310	2377	2328	2154	2618	2476	2333	2250	2232	1929	1679	1486	1615	1505	1502	2181	3890
1951	1694	1714	1411	1608	2176	1084	1520	1110	995	1322	1138	1413	1368	1360	1471	2022	1927	1587
1952	1278	1325	916	1271	956	864	668	1288	1202	1187	1670	901	1329	853	1348	1688	1028	1861
1953	1423	1403	1427	1049	1399	1165	1474	976	1629	1622	1895	1871	2153	1965	1655	1796	1716	1337
1954	1774	1611	1518	1518	1427	1521	1754	1924	3798	5860	5016	1112	3737	2692	2544	2454	2346	2226
1955	760	812	873	913	1005	1026	994	993	969	912	859	821	805	764	779	819	833	838
1956	2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	1314	1314	1473	1789	1791	1952	2158	2508
1957	4123	3591	3195	2692	2752	2647	2741	2633	3376	3625	2272	3425	3264	2610	2484	2356	2937	2692

MARCH

CHART 2-M

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1480	1318	1384	1712	1567	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
1479	1690	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
3820	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
1012	801	1196	1142	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	49,580
3566	3217	2843	2526	2903	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
2400	2046	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
1060	1128	1145	1137	1121	1086	1063	1001	1117	1133	1421	1342	1344	1381	1543	2076	2080	36,698
2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
1505	1502	2181	3890	4755	3658	3185	3106	2879	2729	2772	2856	2715	2552	2323	1969	2237	77,279
1491	2022	1927	1587	1719	1817	1816	2533	2602	2415	2518	3130	2451	4455	4220	3470	3782	64,079
1348	1688	1028	1861	1725	1653	1838	2779	2086	1330	810	2856	2991	3509	3384	3961	2566	53,141
1655	1726	1716	1337	1783	1697	1871	1495	2015	1876	2659	2967	2939	2966	3409	3928	5376	63,355
2514	2451	2346	2226	2219	2014	2091	2050	1988	1943	1880	1942	2143	2397	2149	2134	2086	74,858
779	819	833	838	850	851	781	742	817	817	852	894	992	1081	1102	1134	1158	27,846
1791	1952	2158	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7304	6699	6295	6332	114,129
2184	2356	2937	2692	2435	2677	3212	3828	3741	3487	3167	3046	3121	2881	2564	3572	4101	97,346

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1941	2764	3078	3018	3047	3476	3237	2958	2613	2631	2830	3468	3201	3339	3509	3396	3665	33
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	65
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18206	16138	16191	17504	20265	21625	22310	232
1944	1584	1786	2125	2865	2726	3144	2693	2529	2622	2605	2376	3092	3326	2841	2721	2302	23
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2196	2082	27
1946	6008	4982	4552	4717	4841	5215	6160	6164	6222	5847	5218	5919	7596	10219	12352	13581	1471
1947	4810	4145	4006	3747	3576	3468	3305	3129	2951	2778	2635	2807	3063	3230	4470	5633	614
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	547
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6960	7696	7761	5943	5790	5886	713
1950	2888	3787	4628	4125	4107	3894	4251	4659	5177	4667	5832	5720	6521	7448	7513	7141	801
1951	3624	3474	4934	5892	7194	8135	9860	10722	10962	10961	10650	9941	9814	11505	11254	13004	10771
1952	3257	3410	3389	3710	4755	6639	8222	9276	7782	6988	6543	7144	8421	9827	10763	9342	10391
1953	4682	3871	3824	4380	4361	4103	4956	3346	3502	3669	2548	2560	2634	2480	1940	2836	2752
1954	1504	1625	1758	2259	3169	4983	5105	4388	4362	4285	4049	4072	4879	6936	7451	7233	7499
1955	1161	1221	1221	1230	1265	1641	1927	2300	2290	2297	2591	2412	2364	2264	2054	1986	1821
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11064	12390	13489
1957	4004	3798	3834	3820	4137	6579	6486	5638	5107	5772	6513	6589	6591	6719	6943	6944	6696

APRIL

CHART NO. 2-M

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,15
8215	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,81
18504	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,26
3326	2841	2721	2302	2377	2310	2015	2274	2185	2848	2613	2821	3624	3471	3330	3282	3712	4231		82,00
2045	1985	2296	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		101,18
7596	10219	12352	13581	14780	17389	18612	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,90
3063	3230	4470	5633	6148	6379	6440	6284	6171	6313	6123	6002	5480	5356	5760	6191	6991	7300		144,69
2155	2437	2518	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,21
7761	5943	5790	5886	7130	7765	9113	10308	5503	7089	8258	8197	10223	9325	8906	9226	9241	9046		208,27
6521	7448	7513	7141	8013	8713	9288	8968	9687	11164	11175	11063	8717	8276	7747	7186	6576	6012		204,89
9844	11505	11254	13094	10778	11156	11617	11612	9103	9634	8658	7951	8088	7476	7865	8281	11574	11017		276,85
8421	9827	10583	9142	10395	12428	14861	14111	12836	12801	13075	13849	16380	18536	22122	23239	21444	18794		335,94
2634	2480	1840	2836	2255	3181	3909	3581	6299	7202	9882	9941	10534	9021	9668	11656	12779	9568		165,09
4879	6936	7451	7233	7499	9196	10069	9628	8428	8032	8010	8131	8461	8924	8890	9496	9340	8555		191,02
2364	2284	2051	1886	1821	1952	2105	2166	2375	2690	2892	3215	2526	2489	2241	2489	2624	2802		64,91
9577	10213	11064	12380	13489	12607	12497	14959	15071	16139	17221	16150	15141	13577	15057	13854	13131	11892		318,25
6591	6719	6943	6944	6696	6323	6122	6122	6532	6317	6556	6892	6880	6234	5500	5385	5949	7427		180,62

CHART NO. 2-W

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
6620	6098	5058	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
5040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
2310	2015	2274	2185	2848	2613	2821	3624	3471	3330	3282	3712	4231		82,000
2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		101,184
7389	16812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
6379	6440	6284	6171	6313	6123	6002	5480	5356	5760	6191	6991	7300		144,699
10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
7765	9413	10308	8503	7089	8258	8197	1023	9325	8906	9226	9241	9046		208,274
8713	9288	8968	9687	11164	11175	11063	8717	8276	7747	7186	6576	6012		204,893
11156	11617	11612	9103	9634	8658	7951	8088	7476	7865	8281	11574	11017		276,856
12428	14861	14111	12836	12801	13075	13849	16380	18536	22122	23239	21444	18794		335,949
3181	3909	3581	6299	7202	9882	9941	10534	9021	9668	11656	12779	9568		165,098
9196	10069	9628	8428	8032	8010	8131	8461	8924	8890	9496	9340	8555		191,021
1952	2105	2166	2375	2690	2892	3215	2826	2489	2241	2489	2624	2802		64,911
12607	12497	14959	15071	16039	17221	16150	15141	13577	15057	13654	13131	11892		318,251
6323	6122	6122	65321	6317	6556	6862	6880	6234	5500	5365	5949	7427		180,628

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1941	4860	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5127	7386	8408	7496	6193	5543	5536
1942	4040	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3915
1943	13118	14472	15282	15085	15650	14752	21584	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009
1944	4472	4415	3906	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542
1945	5894	6978	8661	10592	11644	10720	9978	9101	9062	9218	10489	9101	8230	8448	7555	6677	7216	7208
1946	11706	10583	10259	10937	12416	13481	12844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011
1947	8899	7767	10917	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056
1948	4830	4536	3728	4393	4204	4307	5353	6539	6472	5757	5101	4613	5081	5451	6409	7046	8026	10024
1949	6043	7824	7289	6740	6507	6212	6294	7196	8178	9129	9835	10188	11441	11785	12313	12729	11454	11045
1950	5236	6068	5497	6494	5131	5001	4335	4258	5085	4557	5345	5562	6933	9553	11897	13385	13675	12924
1951	5164	5318	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	7412	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	3146	3601	4040	4105	4134	5011	6667	7088	8417	8309	7939	7918	7917	7326	6984	5892	4734	4318
1956	10218	10800	9871	10211	10496	10626	11384	10732	11394	11328	10238	9987	8960	9698	7933	8258	9716	11258
1957	9110	10872	11712	11176	10375	9666	11186	12224	12850	12759	13083	12804	13328	13687	13505	13044	13377	13270

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	5976	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	5470
1943	15917	14754	12062	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9018	9978	11671
1944	5791	5580	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4127	4007	4063	4095	4112	3762	3506
1945	7248	7594	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806
1946	7050	7533	7764	9114	10131	9775	8965	8249	7785	7505	7573	6965	6209	6199	6482	6365	5912	5539	5244
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4395	4743	4535	4785	4962	5051	5334
1948	10813	10000	11606	12316	11288	11163	11210	10562	10880	10534	10150	9669	9047	8398	7682	7075	6428	5872	5405
1949	8708	7602	6441	5588	5222	5867	5323	6598	6795	7171	7009	7447	6508	6266	5531	4828	4980	4145	3728
1950	10068	10139	10220	10932	10648	10879	11713	11063	9479	8073	7511	8098	8915	7834	8115	8634	9085	9759	8026
1951	9487	8407	7265	6870	6227	7755	6914	6277	5708	5396	5479	6034	7203	7536	8584	9851	10513	9906	9533
1952	12110	11638	11735	13212	13470	13830	13581	13783	12050	12664	10948	10492	7839	7768	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	4156	4422	4339	4657	4615	4424	4644	5219	6412	6807	5971	5393
1955	6794	6665	6080	6046	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	5418	5760
1956	18157	18206	16978	15324	13954	11825	10740	10140	10421	11121	11715	11500	10650	13277	9793	9618	7847	7102	6561
1957	12986	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7867	6622	6285	5575	5046	5124

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	182,
4144	4097	4044	4151	4093	3815	3906	3693	4044	4664	6595	9166	8745	10606	10690	8987	7899	6931	6560	162,
8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494	13458	14525	16433	15362	15465	16213	16835	361,
5509	6077	7059	7632	7270	6542	5688	5076	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,
8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6536	6147	6452	6932	7120	236,
9306	9563	9170	9087	9507	10011	10750	10740	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,
8473	7965	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,
5081	5491	6409	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	11185	15260	13357	11342	252,
11441	11785	12313	12729	11184	11045	11133	10828	10219	9157	8361	8249	7608	8249	8084	9373	9402	9520	9017	283,
6933	9553	11847	13385	13675	12924	12287	9602	8307	10851	12138	12535	13021	11443	11009	11542	11799	11588	11627	279,
12371	10540	11714	8739	5745	10377	11258	11542	11650	11353	12580	12793	13796	12825	12596	13931	14035	12879	10811	344,
16047	16502	16169	14231	12343	11652	12601	12544	13961	13676	12967	11778	13056	14007	15740	13838	14449	13520	12560	449,
5064	5266	5493	5817	6208	7529	7120	9541	9170	7865	7045	6758	5485	5115	4725	4621	8049	6183	6098	201,
11978	11087	9993	10824	11422	12411	12226	13404	14699	13747	11000	9763	9044	8390	7863	6614	5763	5228	4574	298,
7917	7326	6984	5842	4734	4318	4149	5889	7548	9405	2657	8668	7661	6974	6166	5930	5467	5763	6712	158,
8960	9698	7033	3258	9716	11258	14370	15740	15976	18860	19591	20134	22440	20931	19423	19484	17432	15500	16889	420,
13328	13687	13505	13014	13317	13270	16619	16231	16930	12150	11422	10232	9262	8974	9657	10360	111241	12253	12790	376,

JUNE

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5120	5417	5474	5217	4716	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
6100	6171	6105	6822	6432	5825	5470	5117	4751	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
11513	11171	10305	10063	9048	9670	11871	12584	11249	10070	10856	10635	9768	9435	9483	9715	9420	9755		313,877
4127	4007	4063	4095	4112	3762	3506	3562	3898	3933	3974	3606	3629	3732	3741	3684	3228	3001		123,863
6696	6727	6164	5678	5343	5416	5806	6460	7091	7319	7317	7137	6535	6633	5948	5117	4311	3963		202,598
6209	6199	6492	6365	5913	5539	5244	5764	5103	5241	4827	5035	4566	3904	3917	3468	3540	3107		189,412
1395	4743	4534	4785	4962	5051	5334	5103	4813	4215	3548	3663	3798	3231	3736	3434	2971	2842		148,619
9047	8398	7682	7075	6428	5872	5495	4918	5009	5523	4938	4634	4327	4162	4086	3875	3657	3476		229,853
6908	6266	5531	4828	4980	4145	3728	3705	3597	3301	3091	3242	3073	3074	2960	2558	2418	2328		150,554
8915	7834	8115	8634	9085	9759	8026	9710	9754	10013	10051	8979	7663	6825	5212	6531	7034	8135		270,405
7203	7536	8584	9851	10513	9966	9533	8704	8506	7928	7125	6408	6370	5833	6263	5806	5649	5661		219,788
7839	7768	7471	7157	6311	6638	5654	6755	6336	5380	5598	5239	5328	5416	5276	5230	4724	5238		259,400
13803	14870	12978	11011	10254	12398	12700	11478	10079	9372	9257	9415	9048	7988	6975	6875	6808	7246		291,782
4424	4644	5219	6412	6807	5971	5393	5339	5530	6370	6893	7128	7691	7579	9807	8406	6267	6387		171,559
9799	9361	7923	7971	6687	5408	5760	5910	6345	6853	6153	6245	5718	4168	4196	3926	3926	4004		209,580
10650	10277	9793	9618	7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5095	6042	5607		291,292
8409	7867	6022	6285	5575	5046	5144	5582	5463	5551	5085	4971	5504	4940	5019	5141	5358	5073		259,006

CHART NO. 24

	22	23	24	25	26	27	28	29	30	31	TOTAL
39	4875	5676	6613	7222	7181	8861	8155	6497	5834	5620	162,668
44	4664	6515	9166	8745	10636	10690	8987	7899	6931	6560	162,838
41	8851	10237	12454	14458	14525	16433	15352	15465	16213	16835	361,402
61	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
82	5033	4993	5600	6638	6372	6535	6147	6452	6432	7120	236,573
34	9995	10297	9414	8760	8863	10514	10528	10264	9346	7956	325,830
03	7622	7782	7407	7316	7548	7862	8080	7846	6706	6457	272,182
58	9708	9317	9066	9469	11787	12502	11185	15260	13357	11342	252,896
18	9157	8361	8241	7638	8219	8084	9373	9402	9520	9017	283,431
17	10851	12138	12535	13021	11143	11009	11542	11799	11588	11627	279,746
50	11353	12580	12793	13796	12825	12996	13931	14035	12679	10811	344,921
61	13076	12967	11778	13056	14007	15740	13838	14449	13520	12560	445,787
170	7665	7045	6758	5485	5115	4725	4621	8049	6183	6098	201,786
699	13747	11000	9763	9044	8390	7863	6614	5783	5228	4974	296,066
548	9105	8657	8068	7661	6774	6186	5930	5467	5763	6712	196,635
076	19860	17951	20134	22541	20531	19423	19484	17472	15330	16889	420,677
950	12150	11422	10232	9262	8874	9657	10360	11241	12253	12750	376,969

	22	23	24	25	26	27	28	29	30	31	TOTAL
067	3541	3436	3300	3016	3077	2668	2626	2656	2468		123,388
791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
249	10070	10156	10635	9768	9435	9483	9745	9920	9755		313,877
898	3933	3924	3636	3689	3732	3741	3684	3228	3004		123,863
051	7319	7317	7137	6535	6633	5948	5117	4311	3963		202,598
111	5741	4827	5085	4566	3904	3917	3468	3540	3407		189,412
813	4215	3548	3663	3798	3831	3736	3439	2971	2842		148,619
009	5523	4638	4634	4327	4182	4086	3875	3657	3476		229,853
587	3301	3291	3242	3073	3074	2960	2558	2418	2328		150,554
094	10113	10051	8978	7663	6805	5212	6531	7034	8135		270,405
506	7928	7125	6408	6370	5833	6263	5806	5949	5691		219,788
336	5380	5598	5239	5328	5419	5276	5236	4724	5238		259,400
079	6372	6267	9415	9046	7988	6975	6975	6805	7246		291,782
830	6370	6803	7728	7691	7579	9807	8406	6267	6387		171,559
1345	6553	6153	6245	5718	4168	4166	3928	3926	4004		200,580
7256	7356	6144	6500	5871	6087	5776	5695	6042	5603		291,292
563	5551	5085	4971	5504	4690	5019	5141	5358	5073		259,006

YEAR	JULY														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1941	2322	2243	2039	1927	1952	1710	1674	1575	1513	1437	1337	1296	1213	1239	1233
1942	4013	4240	4155	3775	3793	3472	3324	3064	2814	2736	2424	2238	2108	2075	1899
1943	10045	9693	9157	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5339	5040
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1857	1698	1642	1590	1515
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555	2355	2179
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2373	2385	2246	1949	1915	1811
1947	2727	2594	2681	2701	2632	2476	2407	2450	2533	2120	2258	2132	1840	1871	1856
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1736	1500
1949	2345	2243	2200	2079	2070	2094	2268	2117	1900	1699	1705	1663	1639	1500	1431
1950	8217	8402	7729	7180	6707	6330	6036	5799	5235	4788	4579	4039	3874	3507	3215
1951	5444	5457	5231	5184	5226	4489	4507	4060	3758	3821	3636	3409	3003	2998	2845
1952	5148	4151	3933	4258	3817	3764	3846	3333	3218	3076	3153	3534	3350	3127	2507
1953	7247	7169	6740	6586	6778	6462	6786	6035	6033	5369	5284	5022	4683	4618	4453
1954	5059	4927	4530	4360	4450	4445	4158	4178	3573	3417	2920	3120	2958	2706	2648
1955	3573	3184	2743	2676	3036	2560	2432	2283	2303	2361	2751	2133	2506	2465	2116
1956	5241	4804	4459	4281	3976	3925	3941	3803	4020	3267	3584	3421	3858	3354	3340
1957	4756	4563	4422	3840	3605	3351	3239	2994	2949	2714	2453	2702	2577	2036	2372

YEAR	AUGUST															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1941	943	873	856	848	786	713	736	738	716	702	682	1339	1262	1140	806	830
1942	1051	1009	1000	1009	967	972	930	893	929	862	878	784	756	742	745	729
1943	2477	2514	2409	2330	2308	2173	2044	1875	1896	2060	1656	1539	1630	1644	1636	1618
1944	1012	1000	1042	1027	1002	956	859	783	814	790	770	767	687	650	649	636
1945	1093	1020	1077	1025	961	978	919	1246	915	915	970	924	912	882	814	799
1946	1263	1251	1282	1245	1224	1116	1069	1089	1088	963	934	901	896	851	841	847
1947	1040	1022	973	900	909	872	838	748	790	737	721	711	644	654	663	672
1948	870	957	887	823	745	684	935	836	848	825	848	859	792	745	734	737
1949	838	785	764	646	594	604	557	571	625	625	608	662	707	727	767	764
1950	1656	1530	1525	1401	1552	1840	1590	1597	1274	1350	1471	1447	1300	1400	1136	1127
1951	1515	1605	1521	1630	1721	1769	1389	1309	1260	1341	1190	1379	927	1130	968	867
1952	1300	2104	1336	1564	1186	1213	1262	1487	1344	1243	1214	1188	998	1353	1406	805
1953	1536	1670	1619	1409	1502	1490	1492	1230	1207	1197	1105	1105	1103	1102	1228	1193
1954	1337	1312	1238	1240	1200	1192	1129	1206	1204	1180	1151	1134	1144	1141	1170	1180
1955	1282	1188	1107	971	955	864	903	930	942	904	1009	983	934	902	933	911
1956	1501	1476	1406	1438	1397	1350	1250	1234	1067	1036	1001	925	1009	909	841	809
1957	1343	1251	1170	1072	956	962	969	961	950	955	953	901	841	834	749	789

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	1079
2238	2108	2075	1899	1811	1790	1696	1591	1530	1473	1450	1417	1356	1337	1280	1290	1198	1161
6508	5908	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4066	3455	3563	3448	3226	3148
1698	1642	1590	1515	1482	1511	1455	1401	1317	1264	1347	1321	1293	1251	1259	1179	1149	1118
2409	2555	2355	2179	2136	2081	1791	1789	1709	1623	1644	1504	1535	1447	1328	1282	1212	1209
2246	1949	1915	1811	1658	1687	1744	1645	1532	1456	1553	1504	1382	1342	1286	1333	1380	1414
2132	1840	1871	1856	1816	1783	1801	1678	1494	1436	1402	1356	1253	1209	1146	1140	1105	1006
1816	1814	1736	1500	1565	1577	1497	1354	1350	1365	1348	1296	1181	1125	1020	920	914	969
1663	1639	1500	1431	1390	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	2067	2154	1909	1883	1881	1785
3120	2958	2706	2648	2893	2686	2509	2463	2045	1967	2100	1813	1838	1833	1802	1693	1692	1664
2133	2506	2465	2116	2312	2027	2196	1963	1824	1660	1616	1597	1624	1628	1422	1265	1371	1444
3423	3858	3354	3340	3070	2439	2619	2617	2203	2504	2517	2361	1953	1953	1952	1933	1975	1902
2702	2577	2036	2372	2286	1967	1815	1697	1672	1751	1647	1567	1464	1439	1373	1373	1348	1344

AUGUST

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1339	1262	1140	899	839	852	890	1240	962	832	879	800	714	860	776	781	787	749
784	756	742	745	729	674	688	648	611	596	625	597	623	626	596	605	568	578
1539	1630	1644	1636	1618	1594	1521	1514	1457	1400	1366	1315	1304	1280	1278	1244	1234	1211
767	687	650	649	638	631	634	626	616	581	542	536	547	534	523	529	518	537
926	912	882	814	709	769	750	759	726	727	710	711	720	679	646	623	584	588
901	896	851	844	847	814	794	753	780	735	768	802	804	835	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	753	742	723	679	690	670	679	654	680	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	1049	945	1009	1094	893	863	960	801
1379	927	1130	968	867	817	1110	825	756	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	1228	1193	1180	1048	1056	1076	1095	1116	1035	1035	536	924	924	903	964
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
925	1009	999	841	809	841	794	841	748	780	841	817	893	931	928	841	841	714
901	891	834	759	789	725	745	724	675	720	708	603	647	603	685	740	641	764

CHART NO. 2-3

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1219	1147	1113	1090	1041	994	966	947	900	891	1141	1079	1040	920	41,666
1696	1591	1530	1473	1450	1417	1356	1337	1280	1290	1198	1161	1151	1045	68,726
4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
1455	1401	1317	1284	1347	1321	1293	1251	1259	1179	1149	1118	1029	1024	53,191
1791	1786	1709	1623	1644	1504	1535	1447	1328	1282	1212	1209	1232	1191	69,904
1744	1645	1532	1456	1553	1504	1382	1342	1286	1333	1380	1414	1356	1285	63,597
1901	1678	1494	1436	1402	1356	1253	1209	1146	1140	1105	1006	1052	1092	57,047
1497	1354	1350	1365	1348	1296	1181	1125	1020	920	914	969	968	864	53,489
1296	1155	1083	1083	1080	1099	1043	973	927	925	945	930	894	878	45,949
2818	2518	2402	2319	2270	2040	2003	1953	1902	1736	1862	1755	1678	1559	120,856
2766	2443	2407	2338	2136	2153	1912	1688	1946	1715	2222	1676	2212	1541	97,845
2354	2504	2121	2195	1904	2106	1990	1964	1658	1702	1727	1595	1745	1668	86,232
3260	2872	2699	2313	2436	2277	2097	2154	1909	1883	1881	1785	1593	1679	127,172
2509	2463	2045	1967	2100	1813	1838	1833	1802	1693	1692	1664	1442	1369	89,478
2196	1963	1824	1660	1616	1597	1624	1628	1422	1295	1371	1444	1444	1424	65,969
2619	2617	2203	2504	2517	2361	1953	1953	1952	1933	1975	1902	1896	1778	94,948
1815	1697	1672	1751	1647	1587	1464	1439	1373	1373	1348	1344	1395	1422	74,153

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
890	1240	962	832	879	800	714	860	776	781	787	749	724	686	26,603
688	648	611	596	625	597	623	626	596	605	568	578	593	603	23,487
1521	1514	1457	1400	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,878
634	626	616	581	542	536	547	534	523	529	518	537	539	503	21,842
750	759	726	727	710	714	720	679	646	623	584	586	590	586	25,658
764	753	780	735	768	802	804	835	861	868	876	874	834	829	29,187
619	613	589	579	586	569	555	586	567	546	521	510	553	598	21,525
742	723	679	690	670	679	684	680	677	667	652	644	636	628	23,529
831	763	718	654	611	594	572	560	551	566	544	539	556	541	20,262
1026	949	1001	994	1049	945	1009	1094	893	863	960	801	730	724	37,251
1110	825	759	841	1061	1072	835	1197	994	933	806	840	766	971	35,348
1074	940	1015	1137	980	1305	992	532	572	850	904	633	372	1099	34,368
1048	1056	1076	1065	1115	1035	1035	939	924	924	903	994	969	855	36,447
1055	996	995	931	1016	1009	1072	997	893	906	884	903	863	809	33,708
850	850	839	962	977	946	848	797	721	705	711	733	784	739	28,271
794	841	748	780	841	817	893	931	928	841	841	714	783	776	31,208
745	724	675	720	708	603	647	603	685	740	641	764	632	624	25,972

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1981	688	634	632	650	640	655	646	627	643	655	653	642	669	698	742	747	740
1982	817	831	599	595	588	558	553	521	515	500	530	554	592	624	632	638	623
1983	1173	1175	1155	1136	1120	1075	1046	1022	1013	957	922	914	882	917	926	989	862
1984	476	473	489	551	574	627	650	640	645	603	568	557	517	509	487	455	477
1985	810	813	806	604	569	586	584	577	609	568	575	611	579	594	563	557	578
1986	804	741	722	720	681	710	724	794	869	865	824	778	717	695	654	661	670
1987	983	914	956	970	605	589	585	630	617	645	652	640	701	705	686	656	637
1988	620	612	606	610	616	620	616	620	620	559	560	570	630	603	592	581	525
1989	544	544	528	513	489	434	437	433	450	524	541	613	630	621	637	568	556
1990	111	714	821	642	508	516	496	541	1024	1752	1297	929	756	984	902	913	839
1991	750	841	1124	617	775	617	709	570	768	848	643	615	692	904	596	696	736
1992	834	711	1072	997	666	955	692	321	630	655	874	783	756	2173	1067	756	1032
1993	885	982	976	943	934	897	893	883	850	840	823	811	811	801	800	776	725
1994	767	742	704	683	679	637	635	617	576	628	644	699	697	664	773	774	754
1995	709	631	574	569	598	609	575	591	575	554	663	663	663	599	604	608	686
1996	838	800	885	830	982	862	900	1008	990	1003	1061	1055	1050	1054	1091	1050	967
1997	743	793	843	950	1013	1006	980	851	905	916	872	899	868	866	864	851	836

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1981	718	694	674	665	671	724	752	797	732	715	591	676	783	804	698	802	2533	1954
1982	807	748	695	662	697	665	659	684	455	501	459	605	740	744	844	563	683	719
1983	676	761	752	808	678	450	1043	864	845	756	907	1228	940	1122	939	927	1075	876
1984	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807
1985	353	745	778	774	726	715	715	722	581	601	570	773	696	542	865	746	689	777
1986	672	1586	1214	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910
1987	536	640	559	703	619	638	645	518	632	876	803	947	941	874	777	822	2138	1453
1988	631	615	536	551	715	779	728	755	791	697	698	742	742	750	748	751	778	783
1989	513	562	575	793	753	948	943	896	835	860	996	849	858	815	827	851	825	834
1990	1019	1161	967	968	1327	995	1027	1090	1056	1262	1146	973	950	930	967	971	971	971
1991	919	1110	1748	1289	992	1114	1240	1236	681	948	1368	808	1358	1565	941	1751	1489	565
1992	645	583	1512	748	654	548	1020	719	1197	561	693	793	494	892	948	837	747	966
1993	701	689	673	666	635	676	694	799	683	867	581	894	756	930	931	955	941	922
1994	732	733	736	736	742	757	791	806	833	841	863	873	884	894	906	995	1054	1004
1995	684	631	621	702	782	793	793	802	815	863	901	922	916	872	883	888	885	878
1996	1102	1175	1138	1138	1134	1096	1092	1092	1090	1088	1056	1065	1082	1096	1112	1025	902	948
1997	801	742	720	731	741	752	779	784	791	799	805	813	819	826	840	851	863	889

SEPTEMBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
698	742	747	740	727	686	699	710	726	726	728	729	731	727	711	714	715		20,659
624	632	638	623	623	601	620	635	652	666	615	604	572	557	575	536	544		17,670
917	926	989	862	817	783	787	758	826	858	840	891	815	850	874	882	899		28,049
509	487	455	477	474	547	606	663	707	689	672	658	636	624	630	620	560		17,384
594	563	557	578	589	624	630	644	691	629	875	951	963	782	675	681	656		19,573
695	654	661	670	725	793	857	893	893	889	892	827	783	742	681	682	681		22,967
705	686	656	637	591	636	627	606	607	615	617	617	619	592	594	582	590		18,604
603	592	581	525	507	199	474	508	483	504	538	562	590	725	757	806	760		17,873
621	637	568	556	557	502	505	489	474	485	503	508	507	503	466	472	534		15,567
984	902	813	839	804	841	850	846	769	716	712	678	700	750	801	852	938		24,632
904	596	696	736	609	534	316	805	298	729	717	778	833	704	924	706	812		21,275
2173	1067	756	1032	687	716	1311	1000	613	823	525	825	356	1466	1050	576	592		25,554
801	800	776	725	729	756	751	773	822	789	774	708	651	606	604	604	617		23,814
664	773	774	754	849	871	824	793	723	685	682	753	660	650	625	653	711		21,182
599	604	608	686	741	824	840	725	693	608	651	804	821	862	844	768	745		20,397
054	1091	1050	967	952	885	839	839	762	731	744	744	822	842	884	935	1057		27,542
868	864	851	836	846	831	877	883	931	962	908	904	915	924	878	883	875		26,685

OCTOBER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
804	698	802	2513	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871	31,600
744	844	563	683	718	692	895	720	764	720	760	651	626	702	792	737	835	699	21,282
1122	939	927	1006	976	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
611	652	642	821	807	673	632	598	664	671	674	693	659	958	436	669	638	718	20,414
542	865	746	689	777	846	792	814	938	768	797	776	795	800	791	802	819	924	22,911
808	932	865	995	910	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
874	777	822	2133	1453	1233	1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
750	748	751	778	783	780	781	782	722	738	741	735	726	734	675	686	685	735	22,321
816	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
1565	941	1751	1489	565	1047	1924	1634	513	702	1189	1316	1347	1554	2001	1425	1178	1302	38,636
892	948	837	747	966	779	863	799	1025	1016	743	807	592	662	1259	1305	621	461	25,892
930	931	955	941	922	974	972	956	911	760	728	896	888	858	735	783	781	683	24,928
894	906	995	1054	1004	996	973	872	809	821	803	799	863	842	852	881	852	823	26,366
872	883	888	885	878	875	837	812	798	798	792	805	805	808	812	812	848	876	25,311
1096	1112	1025	902	948	930	928	910	955	985	993	1025	1044	1153	1338	1220	1201	1190	33,301
826	840	851	863	889	923	966	977	992	995	999	988	980	985	980	978	986	961	27,056

YEAR	NOVEMBER																	
	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
1956	1114	1109	1102	1107	1107	1111	1109	1107	1111	1097	1121	1114	1116	1100	1050	1023	999	962
1957	952	937	916	960	882	820	800	808	741	725	799	844	881	900	943	952	966	952

YEAR	DECEMBER																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	943	947	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1836	1871
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920
1943	939	1182	1062	1062	977	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	1366	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870
1947	1239	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720
1949	1303	1123	1148	775	804	895	790	842	891	780	701	626	650	903	718	817	809	934	656
1950	1403	1398	1485	1441	1551	1450	1561	1878	1631	1645	1759	1651	1474	2107	1284	1179	1669	1304	1206
1951	2369	3435	2251	2024	1569	1335	1117	853	711	916	962	1493	1337	1060	1098	754	1072	1273	1362
1952	723	836	920	915	848	764	755	845	916	947	991	1042	1093	1200	1139	1047	972	933	871
1953	1008	1002	1012	1012	996	925	958	962	969	1013	1025	982	1034	971	900	828	829	841	789
1954	701	705	707	711	712	741	754	777	793	818	825	813	801	793	772	753	706	688	676
1955	1110	920	928	942	958	973	999	1022	1034	1182	1161	923	876	919	785	971	897	1439	1641
1956	897	880	886	853	905	883	952	921	988	1050	1122	1988	2196	2317	1764	1753	1428	1316	1131
1957	877	809	765	746	701	792	884	911	930	941	911	915	839	843	848	854	1001	1023	1052

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		26,635
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		34,066
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	708	838	941	1506	1922	2120	1863	1830	1862	1713	1604	1330	1230		34,313
1100	1050	1023	959	1082	929	1017	1005	964	992	1024	974	997	964	955	936	923		31,227
900	943	952	966	952	873	901	860	821	781	831	828	797	772	916	998	898		26,074

DECEMBER

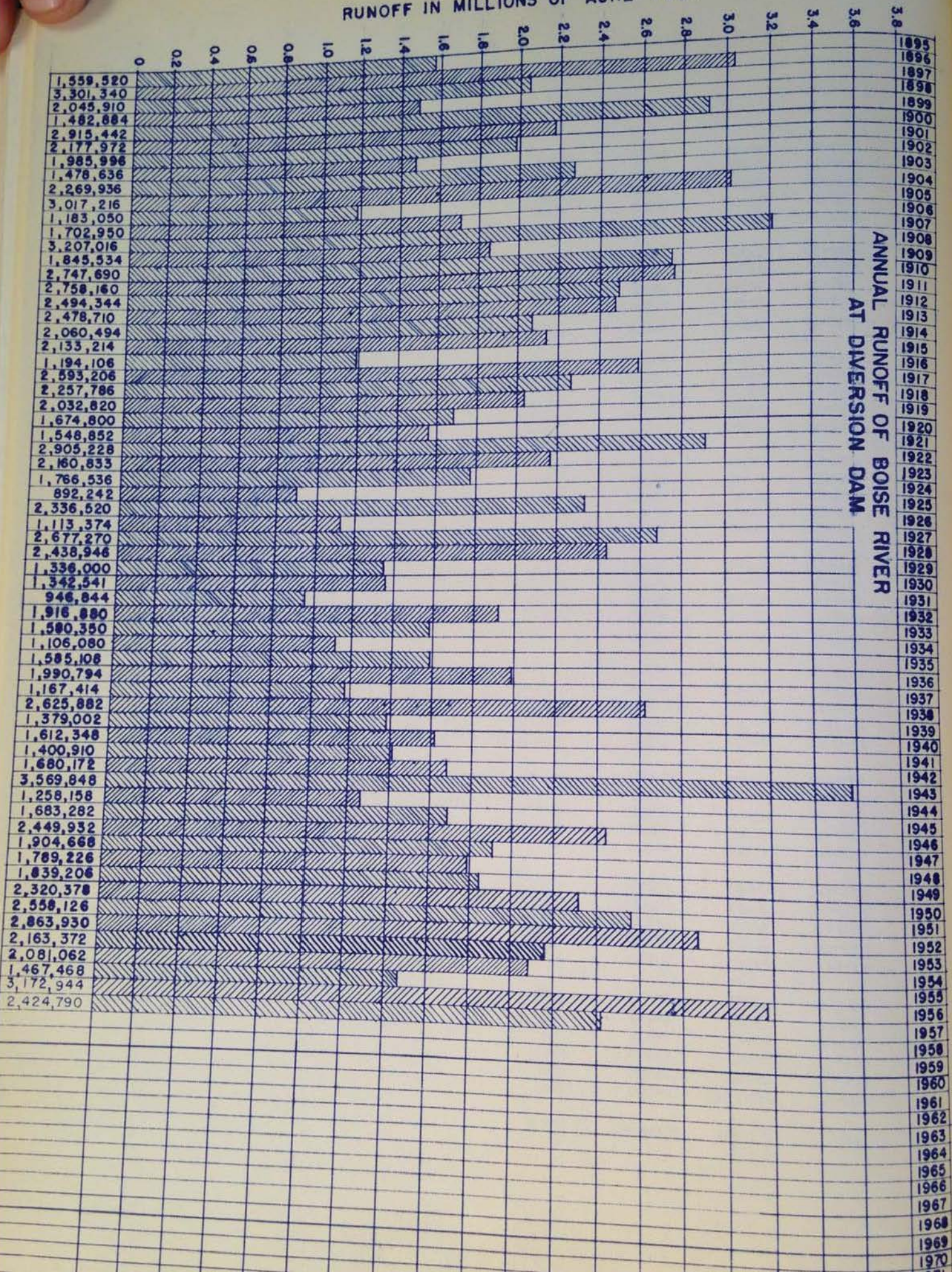
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1406	1372	1694	1580	1836	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
746	770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,804
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	1266	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	1283	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	43,002
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	28,900
793	772	753	706	688	676	619	612	612	605	601	600	622	674	714	792	906	957	22,560
919	785	971	897	1339	1641	2250	2222	4106	16700	20551	11314	7381	5053	4416	3637	2728	2721	100,759
2317	1964	1733	1488	1316	1121	961	957	932	921	917	911	905	823	792	796	709	778	31,611
843	848	854	1001	1023	1052	1045	1042	1064	1063	1022	1036	1048	1053	1044	1064	1025	916	29,064

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

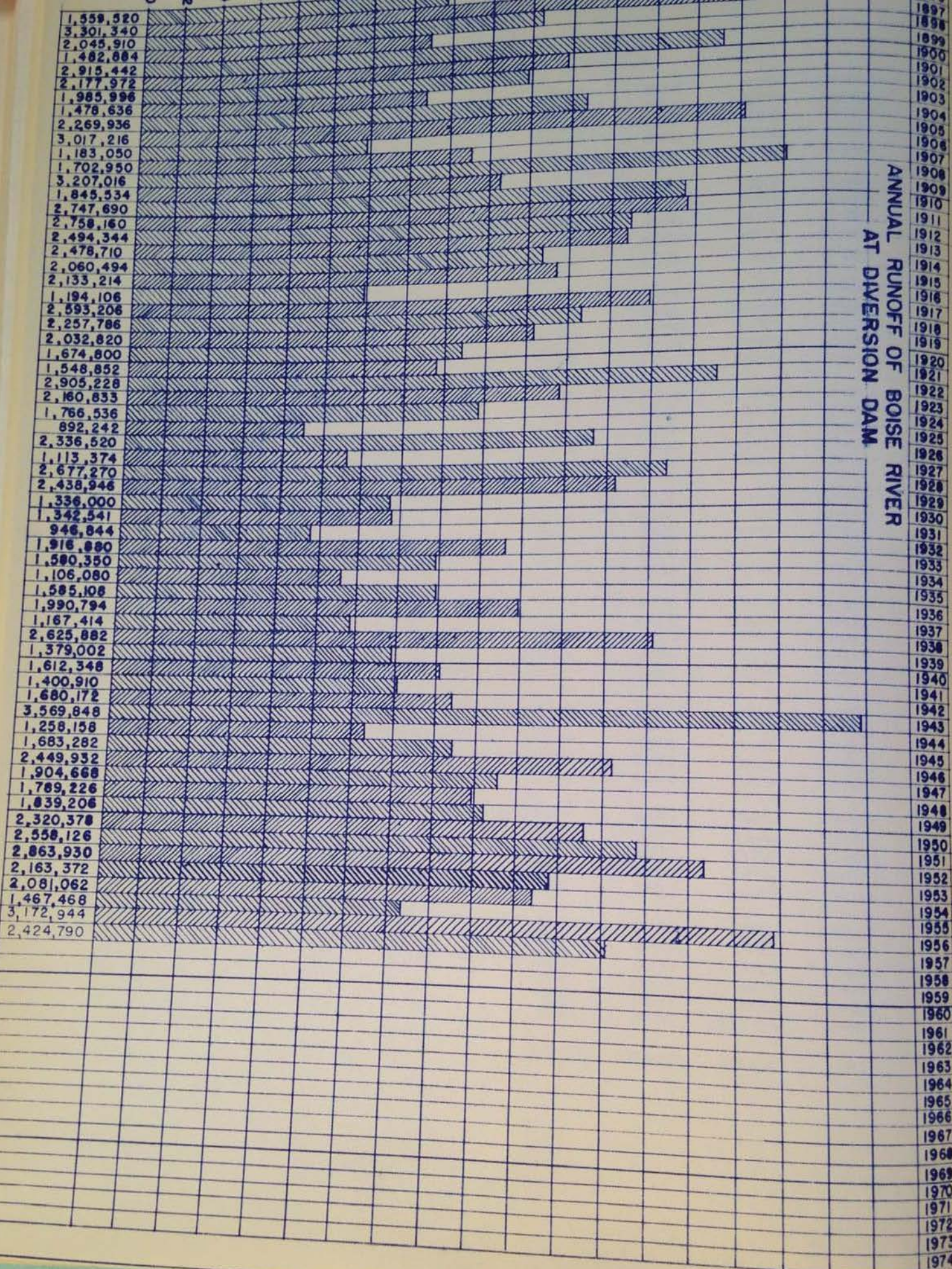
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1142	1077	1572	3704	7213	8306	4297	1220	745	748	906	1158
2.	1101	1099	1593	3366	7240	8197	4173	1175	746	802	933	1184
3.	1123	1143	1637	4049	7320	8151	4006	1155	748	826	979	1139
4.	1078	1174	1644	4158	7595	8067	3856	1134	726	816	921	1160
5.	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	941	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	869	1305	1049
24.	1179	1423	3027	7289	8241	5600	1559	760	740	891	1239	1071
25.	1219	1394	3070	7326	8345	5303	1539	765	750	884	1190	1059
26.	1174	1380	3113	7543	8577	5121	1459	751	729	879	1144	1027
27.	1143	1448	3226	7695	8626	5211	1405	747	754	897	1123	1053
28.	1109	1525	3323	7679	8424	4790	1362	745	747	911	1052	1080
29.	1095		3499	7599	8366	4613	1327	735	739	918	1051	1170
30.	1066		3582	7432	8214	4160	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 F

FOR IRRIGATION

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUN
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	22570
1895-96	57040	54980	50980	73440	67660	157560	295040	555380	146428
1896-97	54220	61300(3)	64600	50520	55240	87960	476000(5)	508000(6)	41500
1897-98	63410	64100	61500(7)	34100	67200	119280	251900	320280	29936
1898-99	53262	56240	151640	160600	79640	113900	425740	606020	73140
1899-00	83664	90000	97000	125420	96140	305220	380020	510720	300640
1900-01	63570	61880	65060	79440	98340	179320	305940	626460	287420
1901-02	56464	53892	76400	61300	90440	88920	211470	353460	287160
1902-03	45630	54498	63474	81760	63570	143360	448220	520620	601880
1903-04	58854	67800(7)	57500	124000(1)	108000(1)	262140	671940	828600	521060
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101500	176200	229820	247660
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673380	683520	534560
1907-08	57890	55978	63300	67230	63282	141130	382540	370360	324880
1908-09	68440	59280	58000	138160	110680	232840	472120	605240	655220
1909-10	63140	200560	124760	79900	66600	566900	609980	513560	310360
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740860
1911-12	66570	66700	63520	78420	76120	99580	342620	684180	677560
1912-13	66960	67820	60680	53800	51400	101800	374960	573740	413420
1913-14	63524	80160	61380	71196	74968	216040	469040	553660	307700
1914-15	69680	58368	44800	59580	59726	94762	176564	274130	191900
1915-16	42410	45626	53346	49930	63262	197486	555062	563720	544764
1916-17	59106	54016	53702	47628	47694	61740	267082	654106	643322
1917-18	46004	49506	126592	113818	77754	181542	346040	409954	461268
1918-19	64492	56578	49118	50532	52844	114916	395854	509192	240872
1919-20	47968	56548	52610	66528	66774	89234	189044	449730	333468
1920-21	59966	75678	67106	112422	94098	271472	394484	824032	718728
1921-22	55492	39088	44979	60982	53160	113692	319642	552674	659854
1922-23	52172	48886	52372	62100	50860	92700	273726	454010	376208
1923-24	61592	52930	51286	48954	72446	63550	136450	243200	76792
1924-25	34218	53862	42912	48416	129386	192378	501862	700486	367370
1925-26	58400	51394	63522	48414	64264	140448	232672	247704	105072
1926-27	34882	67640	84790	63200	104630	188064	378928	665294	725602
1927-28	69014	144162	97842	90008	79354	272846	316812	852194	305656
1928-29	49852	50792	46212	45514	49720	101904	179094	359418	285896
1929-30	39356	36848	69543	44774	64388	103616	274178	295246	257382
1930-31	54512	45418	44108	44818	45298	91246	177172	251538	110862
1931-32	31424	31224	36376	38612	36756	135826	336006	564176	458224
1932-33	39142	56478	40596	43926	41136	64474	239342	341610	538198
1933-34	41276	47684	55652	79680	79948	151896	249648	229216	86240
1934-35	37058	49444	51208	52256	54336	83150	299458	426528	363262
1935-36	33616	38248	37352	44612	47356	100060	577594	625906	319284
1936-37	39772	36600	41556	37568	41728	89870	207358	381192	178996
1937-38	36266	49828	115760	67492	71566	191026	505100	711314	558138
1938-39	60626	67394	60980	52236	47170	164294	328918	341836	136300
1939-40	40474	38998	49268	53858	75724	201512	355842	434480	227258

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

TH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	
90	243140	395220	225700	152380	63620	58000	1,559,520	
80	205040	353380	1464280	365520	81960	57500	3,301,340	
60	476000(5)	500000(6)	415000(5)	143300	67250	62520	2,045,910	
80	251900	320280	299360	116848	45708	39168	1,482,864	(1) MEAN OF
00	425740	606020	731400	356160	106940	68900	2,915,442	
20	303020	510720	300640	84156	53496	51196	2,177,972	(2) SUBSTITU
20	305840	626460	287420	116400	52222	49944	1,985,996	(3) SUBSTITU
20	211470	353460	287160	106720	49496	40914	1,478,636	
60	448280	520620	601880	147580	53000	46344	2,269,936	(4) MISSING
40	671810	826600	521000	201920	71972	43830	3,017,216	
00	176200	225620	247660	76860	35870	34660	1,183,050	(5) MISSING
00	337920	426100	316980	162900	52410	41090	1,702,950	YEAR MEA
20	673380	693520	534560	335640	101600	62066	3,207,016	(6) MISSING M
30	382540	370360	324880	158500	64920	55524	1,845,534	YEAR MEA
40	472120	605240	655220	226800	63690	57220	2,747,650	
00	606960	513560	310360	110040	55970	56390	2,758,160	(7) INTERPOLA
70	323560	549120	740160	233040	74506	59728	2,494,344	
80	342620	694180	677560	173980	83380	66080	2,478,710	(8) AVERAGE OI
00	374960	573740	413420	156660	82964	54290	2,060,494	
40	460040	553660	307700	124130	58742	52654	2,133,214	
62	176564	274130	191900	83978	40926	39672	1,154,106	
86	555062	563720	594764	293818	80102	53680	2,593,206	
740	267082	654106	643322	260216	65224	43950	2,257,786	
942	346040	400654	461268	112120	56300	49922	2,032,820	
716	395854	509192	240872	69736	36404	34262	1,674,800	
734	166044	449730	333468	117328	40586	39034	1,548,852	
172	394484	624032	716728	175390	63068	46784	2,905,228	
592	319642	552674	659854	148066	65210	47974	2,160,833	
700	273726	454010	376208	152504	67552	42946	1,766,536	
550	136450	243200	76792	35296	24426	25320	892,242	
378	501662	700486	367370	152596	60730	47302	2,336,520	
440	232672	247704	105072	41132	30872	29480	1,113,374	
064	378928	665294	725002	233700	74786	55734	2,677,270	
846	316512	852194	305656	115292	51462	41304	2,438,946	
904	176094	359418	205996	98208	36822	32488	1,336,000	
616	274176	295246	257302	70234	43256	34720	1,342,541	
246	177172	251538	110862	34670	23156	24046	946,841	
626	336006	564176	458224	154298	52212	41746	1,916,880	
474	239342	341610	538198	99610	40282	35556	1,580,350	
696	249648	229216	16240	37252	22622	24966	1,106,080	
150	299458	426628	363262	97334	39022	30052	1,585,108	
060	577594	625906	319284	82558	43272	40936	1,990,794	
870	207358	381192	178996	60820	25996	25958	1,167,414	
026	505100	711314	558138	201292	71190	46910	2,625,882	
294	328918	341836	136300	60358	38454	30436	1,379,002	
512	355942	434480	227258	64468	31480	38986	1,612,348	

E FEET

95

SEPTEMBER

TOTAL

58000	1,559,520
57500	3,301,340
62520	2,045,910
39168	1,482,864
68900	2,915,442
51196	2,177,972
49944	1,985,996
40914	1,478,636
46344	2,269,936
43830	3,017,216
34660	1,183,050
41090	1,702,950
62066	3,207,016
55524	1,845,534
57220	2,747,690
56390	2,758,160
59728	2,494,344
66080	2,478,710
54290	2,060,494
52654	2,133,214
39672	1,154,106
53680	2,593,206
43950	2,257,786
49922	2,032,620
34262	1,674,800
39034	1,548,852
48784	2,905,228
47974	2,160,833
42946	1,766,536
25320	892,242
47302	2,336,520
29480	1,113,374
55734	2,677,270
41304	2,438,946
32468	1,336,000
34720	1,342,541
24046	946,841
41746	1,916,880
35556	1,580,350
24966	1,106,080
30052	1,585,108
40936	1,990,794
25958	1,167,414
46910	2,625,882
30436	1,379,002
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 EDI

FOR IRRIGATION YEARS BE

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUS
1940-41	53168	59764	56634	54260	65368	113448	188800	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	42902	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	114034	43050
1947-48	56244	57582	55516	65522	60480	73396	264124	505792	459706	109372	44612
1948-49	44642	53918	51094	49038	45674	146834	416548	566862	301108	91898	10464
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	88660	126710	330196	403576	583564	254344	72894
1953-54	49856	59544	57108	61536	93274	149716	382042	596132	343118	173956	67416
1954-55	52732	50470	45120	47482	40446	55692	120822	397270	419160	131938	56542
1955-56	50622	68686	205518	147514	134510	228298	636502	841354	582504	189896	62416
1956-57	66608	62454	69282	52648	92880	194092	361256	753938	518012	148306	51944

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
188300	365336	266776	83332	53206	41318	1,400,910
341662	325676	362374	137452	46974	35340	1,680,172
006532	722804	627754	359598	103756	56098	3,569,848
164000	303208	247726	106382	43684	34768	1,258,158
202368	473146	405996	139808	51316	39146	1,683,262
639804	651660	378824	137194	58374	45934	2,449,932
289398	545764	297238	114074	43050	37208	1,904,668
264424	505792	459706	109372	44612	36580	1,789,226
416548	566862	301108	91898	40464	31126	1,839,206
409786	559496	540810	241712	74502	49264	2,320,378
553712	689842	439576	195690	70696	42550	2,558,126
671898	899574	518800	172464	68736	51108	2,863,930
330196	403576	583564	254344	72894	47628	2,163,372
382042	596132	343118	178956	67416	42364	2,081,062
129822	397270	419160	131938	56542	40734	1,467,468
636302	841354	582534	189896	62416	55084	3,172,944
361256	753038	518012	148336	51944	53370	2,424,790

DISCHARGE IN SECS
BY DAYS DURING THE IRRIG

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	1037	1037	1037	1002	1126	1126	971	971	997	1003	330	330	330	401	401
PENITENTIARY															
ELBE (SOUTH BOISE)															
RITENBACH															
SETTLERS															46
THORMAN MILL															
CRUZEN (CONSUMERS)															8
BOISE CITY															
FARMERS UNION & B. V.												38	38	38	38
NEW UNION															
NEW IRY CREEK															
BALLANTINE															
MIDDLETON CANALS															
LITTLE PIONEER														51	59
CANYON COUNTY															
EBULE ISLAND CANALS															
PHYLLIS															
EUREKA #1															
CALDWELL HIGH LINE															
SEBREE (FARMERS CO-OP)														48	48
CAMPBELL															
ELEGENSE															
RIVERSIDE NO. 2															
PIONEER CREEK															
EUREKA # 2															33
UPPER CENTER POINT															
LOWER CENTER POINT															
MISCELLANEOUS															
TOTAL CANAL DISCHARGES	1037	1037	1037	1002	1126	1126	971	971	997	1003	330	368	368	538	633
RIVER AT NOTUS	4860	4770	4740	4740	4750	5990	2710	1200	1080	896	1980	5780	6550	6820	6770
TOTALS	5897	5807	5777	5742	5876	7116	3681	2171	2077	1899	2310	6148	6918	7358	7403

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1957, INCLUDING STORAGE

CHART NO. 5

APRIL

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
330	330	330	401	401	401	401	412	412	401	728	728	809	882	1072	1068	1072	1072	1195	1528	3
				16	12	67	106	106	105	128	5	5	5	5	6	6	6	6	6	
											128	128	128	128	128	146	172	263	410	
											22	22	22	22	22	37	37	60	89	
				8	8	8	8	8	12	12	9	9	9	9	9	9	13	17	21	
											12	12	16	16	16	16	20	20	20	
38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	72	72	72	112	151
											4	4	4	4	6	6	6	6	6	
															14	14	14	24	39	44
				51	59	78	142	142	142	142	145	145	145	145	145	149	167	167	167	15
														32	32	32	46	64	76	82
											54	54	54	55	55	55	55	55	55	55
								59	110	72	72	90	110	110	126	147	144	198	253	
																	26	27	47	
				48	48	27	27	27	27	27	27	28	28	75	75	98	98	86	86	
												92	92	92	122	139	135	176	225	
																10	12	12	12	
							83	83	83	83	83	83	83	83	83	134	145	168	183	209
																35	45	52	66	79
				33	33	33	33	45	45	55	62	64	64	64	64	72	76	76	82	82
											7	7	7	8	8	8	11	13	15	18
																9	9	13	17	17
											21	21	21	21	25	25	29	29	29	29
3	330	368	368	538	633	667	819	849	929	970	1370	1417	1612	1756	2011	2203	2380	2497	2994	3713
6	1580	5710	6550	6870	6770	6930	6960	6800	6800	6790	6840	6750	6700	6870	6890	6870	6740	6570	6300	5870
9	2310	6146	6916	7358	7403	7467	7779	7649	7720	7760	8210	8167	8312	8626	8901	9073	9120	9067	9294	9583

ING STORAGE

	21	22	23	24	25	26	27	28	29	30	31	
00	728	728	809	882	1072	1068	1072	1072	1195	1528		24279
		5	5	5	5	6	6	6	6	6		00
05	128	128	128	128	128	128	146	172	263	410		50
		22	22	22	22	22	37	37	60	89		2291
												353
		9	9	9	9	9	9	13	17	21		105
12	12	12	12	16	16	16	16	20	20	20		212
				14	14	17	21	21	23	26		136
38	38	38	38	38	38	72	72	72	112	151		1011
		4	4	4	4	6	6	6	6	6		46
					14	14	14	24	39	44		149
142	145	145	145	145	145	149	167	167	11	15		26
									31	31		2298
				32	32	32	48	64	76	82		62
												366
	54	54	54	55	55	55	55	55	55	55		547
110	72	72	90	110	110	126	147	144	198	253		1491
								26	27	47		100
27	27	27	28	28	75	75	98	98	86	86		859
			92	92	92	122	139	135	176	225		1073
							10	12	12	12		46
												0
83	83	83	83	83	83	134	145	168	183	209		1586
						35	45	52	66	79		277
45	55	62	64	64	64	72	76	76	82	82		919
7	7	7	8	8	8	11	13	15	18	23		125
						9	9	13	17	17		65
	21	21	21	21	25	25	29	29	29	29		250
970	1370	1417	1612	1756	2011	2203	2380	2497	2994	3713		38722
6790	6840	6750	6700	6870	6890	6870	6740	6570	6300	5870		164186
7760	8210	8167	8312	8626	8901	9073	9120	9067	9294	9583		202908

BY DAYS DURING THE IRR

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW YORK CANAL	1944	2369	2498	2498	2498	2575	2642	2634	2648	2651	2662	2662	2662	25
PENITENTIARY														
RIDENBAUGH	452	497	505	521	523	525	522	534	543	547	566	542	522	5
BUBB (SOUTH BOISE)	8	8	10	10	12	12	12	12	12	12	12	12	12	1
SETTLERS	97	118	109	109	109	109	106	123	137	146	138	138	145	14
THURMAN MILL	23	25	28	30	33	35	38	38	38	38	38	38	38	3
CRUZEN (CONSUMERS)	20	20	20	20	20	20	20	20	20	20	20	20	20	11
BOISE CITY	27	28	32	32	33	34	36	36	36	36	36	36	31	31
FARMERS UNION & B. V.	168	196	170	170	170	176	204	208	208	209	211	211	210	191
NEW UNION	6	6	6	6	6	6	6	6	6	6	6	6	6	6
NEW IRY CREEK	48	48	54	54	54	54	54	54	54	54	54	54	54	54
BALLANTINE	17	17	17	17	17	17	17	17	17	17	17	17	17	17
MIDDLETON CANALS	167	167	167	167	167	180	167	167	170	147	145	154	152	154
LITTLE PIONEER	35	36	37	38	39	40	41	42	43	44	44	44	44	31
CANYON COUNTY	82	82	82	90	90	90	82	82	82	82	76	66	56	56
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHYLLIS	276	362	364	307	307	305	303	336	325	340	328	302	264	303
EUREKA # 1	47	47	45	30	30	32	42	45	42	44	40	35	31	27
CALT WELL HIGH LINE	79	84	84	86	98	98	79	77	77	77	77	77	77	70
SEBREE (FARMERS CO-OP)	269	309	301	265	274	255	255	250	215	245	255	222	227	222
CAMPBELL	14	14	16	16	18	20	20	20	22	22	24	21	21	21
RIESENBERG														
RIVERSIDE # 2	215	215	215	215	215	218	218	218	218	218	218	218	218	218
PIONEER DIXIE	84	84	84	84	84	81	81	81	81	81	81	81	81	81
EUREKA # 2	82	95	95	95	95	95	95	95	95	95	95	95	95	95
UPPER CENTER POINT	27	27	27	27	23	23	23	21	21	21	21	19	19	19
LOWER CENTER POINT	16	16	16	13	13	16	16	21	21	21	21	21	21	21
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL LIVERIONS	4287	4954	5066	4984	5012	5100	5163	5225	5250	5262	5274	5183	5131	5008
RIVER AT NOTUS	5440	5250	5560	5820	5900	5940	5870	5390	5390	5360	5430	5670	5820	5870
TOTALS	9727	10204	10626	10804	10912	11040	11033	10615	10640	10622	10704	10853	10951	10878

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO.

BY DAYS DURING THE IRRIGATION SEASON OF 1957, INCLUDING STORAGE

MAY

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
48	2651	2662	2662	2662	2548	2332	2150	2289	2344	2104	1800	1800	1800	1919	2009	1992	1928	2313	2698	260
5	5	5	5	4	5	5	5	5	5	5	4	3	3	3	3	2	2	3	3	
43	547	566	542	522	532	534	535	539	550	419	429	433	424	424	427	430	450	491	542	50
12	12	12	12	12	12	12	12	12	8	8	8	8	8	6	6	6	8	10	10	11
37	146	138	138	145	145	145	141	144	118	110	109	100	87	87	87	108	118	135	151	16
38	38	38	38	38	38	38	38	31	27	24	24	24	24	24	24	24	26	26	26	26
20	20	20	20	20	18	18	16	18	14	14	0	0	15	15	15	16	16	17	17	18
36	36	36	36	31	31	28	28	28	28	0	0	0	0	0	0	21	26	26	30	30
108	209	211	211	210	191	191	194	195	191	120	120	120	60	128	140	152	154	218	231	244
6	6	6	6	6	6	6	8	8	8	8	9	9	10	10	11	11	12	13	15	15
54	54	54	54	54	54	54	59	54	44	32	32	32	37	44	44	48	51	54	57	60
17	17	17	17	17	17	17	17	15	15	15	15	15	15	17	17	17	17	17	15	13
170	147	145	154	152	154	124	122	124	154	157	183	178	175	157	173	173	170	168	168	169
43	44	44	44	44	31	22	18	18	18	12	12	10	10	10	10	12	21	35	38	44
82	82	76	66	56	56	56	56	56	56	56	56	56	56	55	55	55	76	76	80	80
55	55	55	55	55	55	55	35	35	35	35	35	55	55	55	55	55	55	55	55	55
325	340	328	302	284	303	281	281	273	314	225	56	0	87	77	130	170	232	308	317	378
42	44	40	35	31	27	27	27	35	36	0	0	0	0	13	10	10	20	31	35	41
77	77	77	77	77	79	79	79	83	83	0	0	0	0	0	0	0	0	71	74	85
245	245	255	222	227	222	222	222	222	229	220	189	189	189	185	196	253	253	305	332	322
22	22	24	21	21	21	18	18	14	14	12	12	12	12	14	18	21	23	23	26	26
218	218	218	218	218	218	222	211	188	180	155	107	132	132	164	166	168	170	173	197	199
81	81	81	81	81	81	77	77	77	77	77	77	52	52	77	75	73	71	69	67	65
95	95	95	95	95	95	95	84	84	84	84	72	72	64	64	64	64	74	86	99	109
21	21	21	19	19	19	19	19	19	19	19	19	17	15	12	12	15	19	19	19	19
21	21	21	21	21	21	21	21	21	21	19	11	9	7	7	9	11	14	14	17	17
29	29	29	29	29	29	29	29	29	29	29	29	21	19	19	19	21	29	29	29	29
250	5262	5274	5183	5131	5008	4727	4505	4616	4690	4289	3408	3347	3356	3583	3777	3928	4035	4788	5353	5412
390	5360	5430	5670	5820	5870	6040	6090	5990	6190	7170	7060	6940	5560	5150	6570	6380	6090	5560	4960	4670
540	10622	10704	10853	10951	10878	10767	10595	10606	10880	11459	10468	10287	8915	8733	10347	10308	10125	10348	10313	10002

STORAGE

	20	21	22	23	24	25	26	27	28	29	30	31	
1	1800	1800	1800	1919	2009	1992	1928	2313	2698	2600	2600	2581	73050
5	4	3	3	3	3	2	2	3	3	3	3	8	98
9	429	433	424	424	427	430	450	491	542	589	589	596	15762
8	8	8	8	6	6	6	8	10	10	10	10	10	308
0	100	100	87	87	87	108	118	135	151	160	162	173	3867
4	24	24	24	24	24	24	26	26	26	26	26	31	941
4	0	0	15	15	15	16	16	17	17	18	19	20	526
0	0	0	0	0	0	21	26	26	30	30	30	30	769
0	120	120	60	128	140	152	154	218	231	244	251	254	5600
8	9	9	10	10	11	11	12	13	15	15	17	17	271
2	32	32	37	44	44	48	51	54	57	60	63	66	1575
5	15	15	15	17	17	17	17	17	15	13	15	17	507
7	183	178	175	157	173	173	170	168	168	169	171	171	5006
2	12	10	10	10	10	12	21	35	38	44	48	48	944
0	56	56	56	55	55	55	76	76	80	80	82	88	2193
5	35	55	55	55	55	55	55	55	55	55	55	55	1605
5	56	0	87	77	130	170	232	308	317	378	434	441	8446
0	0	0	0	10	10	10	20	31	35	41	42	45	936
0	0	0	0	0	0	0	0	71	74	85	78	76	1862
0	189	189	189	185	196	253	253	305	332	322	325	335	7784
2	12	12	12	14	18	21	23	23	26	26	26	26	587
							0	6	6	6	9	9	36
5	107	132	132	164	166	168	170	173	197	199	211	214	6015
7	77	52	52	77	75	73	71	69	67	65	65	62	2339
4	72	72	64	64	64	64	74	86	99	109	118	118	2752
9	19	17	15	12	12	15	19	19	19	19	16	16	611
9	11	9	7	7	9	11	14	14	17	17	17	17	497
9	29	21	19	19	19	21	29	29	29	29	29	29	853
9	3408	3347	3356	3583	3777	3928	4035	4788	5353	5412	5511	5555	145779
0	7060	6940	5560	5150	6570	6380	6090	5560	4960	4670	4450	4370	177950
9	10468	10287	8915	8733	10347	10308	10125	10346	10313	10012	9961	9925	323729

DISCHARGE IN SECON
BY DAYS DURING THE IRRIGAT

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2656	2645	2660	2750	2750	2750	2750	2762	2750	2762	2750	2750	2750	2625	2556
RENTFERRY	8	8	7	9	0	0	6	11	11	11	11	11	12	12	12
RUB (SOUTH BRIDGE)	10	10	10	10	10	12	12	14	14	16	16	16	16	14	14
ATTENBACH	610	615	625	625	628	627	630	629	627	624	624	624	627	635	625
SETTLERS	181	181	182	191	192	192	192	192	192	192	189	186	185	186	185
THOMAS MILL	34	35	36	37	37	37	36	36	35	34	33	32	29	26	24
GRADEN (OWNERS)	21	21	21	21	21	21	21	21	21	21	19	19	18	18	16
BOISE CITY	30	30	30	31	33	34	35	34	31	33	33	33	33	33	33
FARMER UNION & R. V.	250	254	260	262	268	265	265	263	253	251	249	245	245	244	250
NEW UNION	18	18	18	20	20	20	19	18	17	16	15	14	14	14	15
NEW IRVING CREEK	66	66	73	73	73	75	74	74	73	70	68	69	70	71	70
BALANTINE	21	23	25	27	27	27	27	27	25	23	21	19	19	19	19
MILLFORD CANALS	163	203	222	183	180	177	173	169	165	162	158	154	154	149	119
LITTLE PIONEER	52	52	54	54	54	54	52	52	52	50	50	50	50	50	50
CANYON COUNTY	93	98	98	98	98	93	93	93	93	86	83	83	76	76	64
EAGLE ISLAND CANALS	54	54	54	54	54	54	54	54	54	55	55	55	55	55	55
PHILLIPS	429	451	447	432	431	447	428	430	325	326	327	319	365	319	311
ELKINS #1	55	47	41	40	35	35	50	48	33	31	28	33	31	28	25
CALDWELL HIGH LINE	85	85	87	86	85	84	83	73	72	71	71	71	61	61	61
STREET (FARMERS CORP)	356	353	358	353	358	358	360	358	347	347	350	350	351	351	346
CAMPBELL	25	25	25	25	25	27	27	27	27	18	18	13	13	13	18
STICHENBERG	10	10	10	11	11	11	11	11	11	11	9	6	6	6	6
RIVERSIDE NO. 2	206	202	198	194	194	194	194	194	196	198	198	205	205	207	210
PIONEER FIVE	66	70	74	78	78	78	78	78	78	78	78	78	78	74	72
ELKINS #2	101	105	109	111	113	109	105	99	95	82	82	82	79	82	94
UPPER CENTER POINT	17	17	19	19	21	21	21	20	20	18	18	16	16	16	14
LOWER CENTER POINT	19	19	22	22	22	22	18	18	18	16	16	16	16	12	14
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5665	5726	5794	5845	5847	5853	5843	5834	5667	5631	5598	5578	5609	5437	5336
RIVER AT NOTES	4250	4240	4260	4200	4990	5670	5800	6040	6210	6190	4930	3560	3370	2640	2130
TOTAL	9935	9966	10074	10045	10837	11523	11643	11874	11877	11821	10528	9138	8979	8077	7466

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1957, INCLUDING STORAGE

JUNE

	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2750	2750	2750	2625	2556	2578	2561	2583	2572	2577	2509	2509	2920	2936	2890	2915	2920	2915	2915	2915	2915
11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
16	16	16	14	14	13	13	11	11	11	11	13	13	13	13	13	13	13	13	13	13
624	624	627	635	625	627	624	619	624	622	625	614	626	623	625	623	626	628	622	625	625
189	186	185	186	185	183	183	182	182	182	182	181	181	182	183	180	180	180	180	180	180
33	32	29	26	24	22	20	18	20	22	24	26	28	30	33	34	35	36	37	39	39
19	19	18	18	16	15	14	14	16	16	16	18	18	18	19	19	20	21	22	22	22
33	33	33	33	33	34	34	34	33	33	33	33	33	33	33	34	32	32	32	32	32
249	245	255	254	250	244	243	252	261	260	260	260	260	258	260	259	262	261	260	262	262
15	14	14	14	15	15	16	16	16	17	17	17	18	18	18	18	18	18	18	18	18
68	69	70	71	70	70	69	60	74	69	69	73	70	70	69	68	64	68	69	70	70
21	19	19	19	19	19	17	17	17	17	17	17	17	16	16	18	20	22	24	26	26
158	154	154	149	119	119	153	149	181	176	174	166	156	173	160	193	183	183	185	185	185
50	50	50	50	50	50	49	47	45	43	41	38	36	34	38	42	46	50	54	56	56
83	83	76	76	64	64	60	60	76	82	82	88	92	95	95	95	95	95	95	95	95
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
327	319	365	319	311	321	359	373	416	424	413	387	435	434	475	471	490	476	480	486	486
28	33	31	28	25	26	27	41	42	42	43	39	45	44	47	35	36	38	38	38	38
71	71	61	61	61	60	60	61	32	31	31	27	59	52	64	81	85	81	76	72	72
350	350	351	351	346	349	357	330	207	0	0	375	375	390	375	385	385	379	382	382	382
16	13	13	13	18	18	16	18	16	16	16	18	16	21	21	21	21	21	21	21	21
9	6	6	6	6	6	6	6	6	4	4	4	4	6	6	8	8	9	9	9	9
198	205	205	207	210	212	223	232	232	225	210	212	214	216	217	215	215	177	177	184	184
78	78	78	76	74	72	70	68	68	68	66	64	62	60	59	59	59	62	62	66	66
82	82	79	82	94	94	23	23	23	72	72	72	72	72	72	72	66	66	72	72	72
18	16	16	16	14	14	7	3	3	12	15	15	15	15	15	15	15	19	26	26	26
16	16	12	12	12	14	14	16	16	16	16	16	19	19	19	23	23	23	23	23	23
29	29	29	29	29	29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	30
5598	5578	5609	5437	5307	5336	5316	5349	5285	5133	5442	5778	5882	5925	5939	5983	6018	5970	5989	6015	6015
4930	3560	3370	2640	2150	2130	1980	1460	952	685	497	350	217	182	143	131	199	196	203	251	251
10528	9138	8979	8077	7157	7466	7296	6809	6237	5818	5939	6128	6099	6107	6082	6114	6217	6166	6192	6266	6266

E VALLEY ANALYSIS

CHART NO. 5B

1957, INCLUDING STORAGE

18	19	20	21	22	23	24	25	26	27	28	29	30	31	
2563	2572	2577	2909	2909	2920	2936	2890	2915	2920	2915	2915	2915		82681
12	12	12	12	12	12	12	12	12	12	12	12	12		309
11	11	11	11	13	13	13	13	13	13	13	13	13		381
619	624	622	625	614	626	623	625	623	626	626	622	625		18728
182	182	182	182	181	181	182	183	180	180	180	180	180		5539
18	20	22	24	26	28	30	33	34	35	36	37	38		924
14	16	16	16	18	18	18	19	19	20	21	22	22		569
34	33	33	33	33	33	33	33	34	32	32	32	32		984
252	261	260	260	260	260	258	260	259	262	261	260	262		7706
16	16	17	17	17	18	18	18	18	18	18	18	18		514
60	74	69	69	73	70	70	69	68	64	68	69	70		2107
17	17	17	17	17	17	16	16	18	20	22	24	26		629
149	181	176	174	166	156	173	180	183	183	183	185	185		5107
47	45	43	41	39	36	34	38	42	46	50	54	56		1447
60	76	82	82	88	92	95	95	95	95	95	95	95		2594
55	55	55	55	55	55	55	55	55	55	55	55	55		1641
373	416	424	413	387	435	434	475	471	490	476	480	486		12227
41	42	42	43	39	45	44	47	35	36	38	38	38		1141
61	32	31	31	27	59	52	64	81	85	81	76	72		2008
330	207	0	0	375	375	390	375	385	385	379	382	382		9967
18	16	16	16	18	18	21	21	21	21	21	21	21		611
6	6	4	4	4	4	6	6	8	8	9	9	9		235
232	232	225	210	212	214	216	217	215	215	177	177	184		6156
68	68	68	66	64	62	60	59	59	62	62	62	66		2105
23	23	72	72	72	72	72	72	72	66	66	72	72		2391
3	3	12	15	15	15	15	15	15	19	19	26	26		492
16	16	16	16	16	19	19	19	23	23	23	23	23		544
29	29	29	29	29	29	30	30	30	30	30	30	30		877
5349	5285	5133	5442	5778	5882	5925	5939	5983	6018	5970	5989	6015		170614
1460	952	685	497	350	217	182	143	131	199	196	203	251		78096
6809	6237	5818	5939	6128	6099	6107	6082	6114	6217	6166	6192	6266		248710

DISCHARGE IN SECONDS
BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2915	2920	2920	2920	2920	2920	2920	2920	2926	2931	2910	2910	2915	291	2915
PENITENTIARY	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
BUBB (SOUTH BOISE)	12	12	12	13	13	14	14	15	15	15	15	15	15	15	14
RITENBAUGH	622	624	621	622	615	609	622	617	614	609	612	614	616	619	617
SETTLERS	183	183	185	186	185	186	185	185	189	183	188	185	185	187	187
THURMAN MILL	39	40	40	40	40	40	40	40	40	40	40	39	39	38	38
CRUZEN (CONSUMERS)	23	23	23	23	23	23	23	23	22	22	22	22	22	22	22
BOISE CITY	32	33	33	34	33	33	33	33	32	32	33	33	32	32	32
FARMERS UNION & B. V.	261	263	258	257	260	258	257	256	260	257	266	266	264	262	260
NEW UNION	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17
NEW DRY CREEK	72	77	77	77	70	74	74	73	77	76	76	75	69	73	70
BALLANTINE	27	27	26	26	25	25	24	24	23	23	22	22	22	22	19
MIDDLETON CANALS	173	173	173	176	176	181	181	186	186	191	191	191	191	174	174
LITTLE PIONEER	65	63	61	59	56	54	52	50	50	50	50	49	49	49	49
CANYON COUNTY	100	100	95	95	95	95	95	95	98	98	98	94	94	94	91
EALE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
PHYLLIS	487	485	487	477	475	483	479	486	483	474	474	454	434	444	434
EUREKA # 1	39	39	39	41	41	41	41	41	45	42	42	42	42	44	44
CALTWELL HIGH LINE	77	74	73	59	60	57	60	69	67	66	68	69	69	74	75
SEBREE (FARMERS CO-OP)	387	388	388	389	391	391	393	392	390	392	390	392	392	391	392
CAMPBELL	18	14	10	14	14	14	18	22	24	26	28	31	28	24	21
SIEBENSBERG	12	12	15	9	9	9	9	9	9	9	12	12	12	12	12
RIVERSIDE NO. 2	260	260	213	186	186	184	193	191	191	189	189	174	177	175	177
PIONEER LIXIE	0	0	70	72	72	74	74	76	76	78	78	80	77	74	72
EUREKA # 2	81	81	88	88	88	88	72	0	0	99	99	105	105	107	107
UPPER CENTER POINT	28	28	32	32	28	28	25	25	25	25	19	19	19	24	24
LOWER CENTER POINT	25	25	25	25	25	18	18	18	18	18	18	0	0	25	27
MISCELLANEOUS	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	6053	6059	6079	6034	6015	6014	6017	5959	5973	6057	6048	6016	5981	6009	5976
RIVER AT NOTUS	306	315	302	328	360	310	290	324	355	332	319	302	302	294	317
TOTALS	6359	6374	6391	6362	6375	6324	6307	6283	6328	6389	6367	6308	6293	6313	6313

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO.

BY LAYS DURING THE IRRIGATION SEASON OF 1957, INCLUDING STORAGE

JULY

	11	12	13	✓ 14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	2910	2910	2915	291	2915	2915	2915	2915	2915	2915	2915	2903	2864	2886	2875	2875	2897	2886	2897	288
12	12	12	12	12	12	12	12	13	13	13	13	12	11	11	11	11	6	6	6	
15	15	15	15	15	14	14	14	14	14	14	14	14	13	13	13	13	13	13	14	
09	612	614	616	619	617	612	614	612	609	606	606	607	606	604	600	593	586	584	588	58
83	183	185	185	187	187	187	189	188	00	192	192	192	192	191	190	190	189	188	187	18
40	40	39	39	38	38	37	37	35	35	33	33	31	31	31	31	33	33	33	33	33
22	22	22	22	22	22	22	22	22	22	22	22	22	19	19	19	20	20	20	21	21
32	33	33	32	32	32	32	32	32	31	31	31	31	31	31	31	31	31	31	31	31
57	266	266	264	262	260	258	256	254	252	251	250	249	247	230	228	226	224	222	214	217
17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16
76	76	75	69	73	70	70	71	70	66	69	68	68	69	66	64	65	63	63	59	59
23	22	22	22	22	19	19	19	19	19	19	19	19	16	16	16	16	16	16	16	16
91	191	191	191	174	174	181	171	170	170	171	171	175	173	170	170	165	169	169	163	161
50	50	49	49	49	49	49	49	49	48	48	48	47	47	46	46	45	45	44	44	44
98	98	94	94	94	91	91	91	91	91	86	86	86	86	86	86	86	71	71	71	68
55	55	55	55	55	55	55	55	55	55	55	55	55	54	54	54	54	54	54	54	54
174	474	454	434	444	434	432	432	437	392	394	394	385	378	378	379	364	365	362	359	356
42	42	42	42	44	44	44	44	39	38	36	39	36	38	39	40	39	40	40	39	39
66	68	69	69	74	75	73	73	73	73	73	75	63	63	61	52	46	40	46	48	46
392	390	392	392	391	392	391	391	390	392	375	374	373	368	366	364	363	360	359	360	360
26	28	31	28	24	21	17	17	19	21	23	25	27	29	30	30	29	27	26	24	23
9	12	12	12	12	12	12	12	12	12	8	8	8	8	12	12	12	12	12	12	11
189	189	174	177	175	177	175	177	179	179	181	181	180	180	182	183	188	189	200	201	202
78	78	80	77	74	72	70	68	66	66	64	64	61	61	59	58	57	56	55	54	53
99	99	105	105	107	107	109	109	99	97	94	87	92	96	96	96	92	92	92	92	59
25	19	19	19	21	21	24	24	24	24	24	27	27	22	17	17	17	22	22	22	22
18	18	0	0	25	27	29	32	32	32	29	27	25	25	23	23	23	23	23	19	19
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
557	6048	6006	5981	6009	5986	5976	5971	5954	5701	5871	5869	5833	5772	5762	5733	5698	5688	5682	5673	5614
332	319	302	302	294	341	337	332	395	438	390	422	450	433	406	385	375	337	310	302	286
89	6367	6308	6283	6303	6327	6313	6303	6349	6139	6261	6291	6283	6205	6168	6118	6073	6025	5992	5975	5900

INCLUDING STORAGE

19	20	21	22	23	24	25	26	27	28	29	30	31	
2015	2015	2015	2903	2864	2886	2875	2875	2897	2886	2897	2886	2886	90122
13	13	13	12	11	11	11	11	6	6	6	6	8	340
14	14	14	14	13	13	13	13	13	13	14	14	14	427
609	606	606	607	606	604	600	593	586	584	588	581	581	18842
00	192	192	192	192	191	190	190	189	188	187	186	178	5608
35	33	33	31	31	31	31	33	33	33	33	33	33	1125
22	22	22	22	19	19	19	20	20	20	21	21	21	672
31	31	31	31	31	31	31	31	31	31	31	31	31	989
252	251	250	249	247	230	228	226	224	222	214	217	212	7695
16	16	16	16	16	16	16	16	16	16	16	16	16	520
66	69	68	68	69	66	64	65	63	63	59	59	59	2159
19	19	19	19	16	16	16	16	16	16	16	16	16	633
170	171	171	175	173	170	170	165	169	169	163	161	161	5427
48	48	48	47	47	46	46	45	45	44	44	44	44	1549
91	86	86	86	86	86	86	86	71	71	71	68	68	2752
58	55	55	55	54	54	54	54	54	54	54	54	54	1696
302	394	394	385	378	378	379	364	365	362	359	356	377	13240
38	36	39	36	38	39	40	39	40	40	39	39	39	1255
73	73	75	63	63	61	52	46	40	46	48	48	38	1962
392	375	374	373	368	366	364	363	360	359	360	360	360	11793
21	23	25	27	29	30	30	29	27	26	24	23	21	694
12	8	8	8	8	12	12	12	12	12	12	11	11	336
179	181	181	180	180	182	183	188	189	200	201	202	203	5925
66	64	64	61	61	59	58	57	56	55	54	53	52	1937
97	94	87	92	96	96	96	92	92	92	92	59	59	2669
24	24	27	27	22	17	17	17	22	22	22	22	11	727
32	29	27	25	25	23	23	23	23	23	19	19	19	688
29	29	29	29	29	29	29	29	29	29	29	29	29	906
5701	5871	5869	5833	5772	5762	5733	5698	5688	5682	5673	5614	5601	182688
438	360	422	450	433	406	385	375	337	310	302	286	243	10621
6139	6261	6291	6283	6205	6168	6118	6073	6025	5992	5975	5900	5844	193369

DISCHARGE IN SECOND F
BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NEW YORK CANAL	2891	2891	2886	2886	2897	2886	2886	2869	2869	2864	2886	2886	2881	2891	2886	2891
PENITENTIARY	8	8	8	8	8	10	11	11	11	11	11	11	11	11	11	11
BUBB (SOUTH BOISE)	15	15	15	15	15	16	16	16	16	16	16	16	15	15	15	15
RIDENBAUGH	601	598	600	611	606	609	602	607	604	604	597	600	594	592	589	589
SETTLERS	178	178	179	179	184	184	183	176	176	176	176	176	175	175	174	174
THURMAN MILL	34	34	34	35	35	37	37	37	37	35	35	35	33	33	33	33
CRUZEN (CONSUMERS)	22	22	22	22	22	22	22	22	22	22	22	22	20	20	20	20
BOISE CITY	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
FARMERS UNION & B. V.	224	223	222	221	220	218	225	224	222	220	219	218	217	217	216	216
NEW UNION	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
NEW DRY CREEK	62	64	67	69	64	67	67	67	67	67	70	70	55	62	60	55
BALLANTINE	18	18	18	18	20	20	20	20	20	20	20	20	18	18	18	18
MIDDLETON CANALS	158	156	156	156	151	146	146	148	151	157	157	157	157	157	157	148
LITTLE PIONEER	45	45	46	46	47	47	49	49	51	51	52	52	51	51	49	49
CANYON COUNTY	72	80	73	73	73	73	76	76	76	76	74	77	77	77	75	75
EAGLE ISLAND CANALS	54	54	54	54	54	54	54	54	54	55	55	55	55	55	55	55
PHYLLIS	370	383	384	379	372	410	409	406	390	414	426	410	397	406	406	402
EUREKA # 1	39	38	37	38	38	38	43	40	38	42	42	40	38	38	40	38
CALDWELL HIGH LINE	60	63	63	61	65	56	68	62	47	50	52	52	52	51	46	46
SEBREE (FARMERS CO-OP)	360	361	363	364	365	368	370	367	366	370	368	370	370	369	369	367
CAMPBELL	21	21	21	20	20	20	19	21	22	23	24	25	26	27	27	27
SIEBENSERG	11	11	11	11	11	11	11	11	9	9	9	9	9	9	9	9
RIVERSIDE NO. 2	202	200	190	188	180	178	157	155	155	155	155	157	156	156	156	156
RIONER DIXIE	53	55	57	59	61	63	65	67	67	67	67	67	68	68	68	68
EUREKA # 2	74	87	91	99	101	105	105	103	101	101	101	99	99	99	99	9
UPPER CENTER POINT	19	23	23	23	25	25	25	25	23	23	21	21	20	20	20	20
LOWER CENTER POINT	23	25	25	25	25	25	25	25	25	25	25	25	25	25	25	19
MISCELLANEOUS	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5692	5731	5723	5738	5737	5766	5769	5735	5696	5730	5757	5747	5696	5719	5700	5624
RIVER AT NOTUS	236	262	251	247	258	210	221	239	228	221	214	236	258	255	251	262
TOTALS	5928	5993	5974	5985	5995	5976	5990	5974	5924	5951	5971	5983	5954	5974	5951	5886

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHA

BY DAYS DURING THE IRRIGATION SEASON OF 1957, INCLUDING STORAGE

AUGUST

	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2886	2886	2886	2886	2886	2886	2845	2836	2845	2845	2845	2850	2850	2850	2845	2245	2215	2880	2845	2845	2845
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12
16	16	15	15	15	14	14	14	13	13	12	12	12	11	11	10	10	9	9	9	9
597	600	594	592	589	583	579	577	577	580	577	590	585	592	584	584	595	579	598	596	584
175	176	175	175	174	173	174	173	171	170	169	169	167	167	169	169	169	167	165	165	163
35	35	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	32	32	32	32
22	22	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19
32	32	32	32	32	32	32	32	32	33	33	33	33	33	32	32	32	32	33	33	33
219	218	217	217	216	219	218	218	218	217	222	222	222	222	222	222	222	223	223	224	223
15	15	16	16	16	16	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16
70	70	55	62	60	55	61	54	61	55	54	56	56	55	59	59	62	70	61	58	58
20	20	18	18	18	16	16	16	13	13	13	13	13	13	13	13	13	13	13	13	13
157	157	157	157	157	148	148	148	154	151	149	147	142	142	142	146	146	146	142	142	142
52	52	51	51	49	49	48	48	47	47	46	46	45	45	44	44	43	42	41	40	40
74	77	77	77	75	75	79	75	75	76	76	76	75	75	75	76	76	76	76	76	76
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
426	410	397	406	406	402	416	412	404	406	394	405	397	395	366	372	372	368	368	333	333
42	40	38	38	40	38	40	40	38	38	41	41	41	43	43	42	42	42	38	35	35
52	52	52	51	46	46	47	50	51	51	50	47	47	50	51	50	50	50	28	28	28
368	370	370	369	369	367	364	360	361	358	460	358	357	356	356	356	353	353	346	343	343
24	25	26	27	27	27	25	25	22	22	22	24	24	26	26	28	28	30	30	26	26
9	9	9	9	9	9	9	9	9	8	8	8	8	9	9	11	11	11	11	11	11
155	157	156	156	156	156	158	165	167	167	170	170	172	172	177	177	179	179	179	179	179
67	67	68	68	68	68	66	64	62	62	59	59	57	57	55	55	53	53	53	53	53
101	99	99	99	99	9	99	99	96	96	93	93	93	91	89	89	84	84	84	87	87
21	21	20	20	20	20	20	19	19	18	18	18	18	18	18	18	18	18	18	16	16
25	25	25	25	25	19	19	19	19	25	27	27	25	25	19	19	19	19	19	19	19
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
5757	5747	5696	5719	5700	5624	5632	5625	5618	5613	5612	5627	5601	5604	4967	4961	5601	5589	5541	5479	54
214	236	258	255	251	262	274	282	315	294	306	328	324	328	328	400	411	422	479	465	4
5971	5983	5954	5974	5951	5886	5906	5907	5933	5927	5918	5955	5925	5932	5295	5361	6012	6011	6020	5964	59

ALLEY CANALS

CHART NO. 5 D

Q, INCLUDING STORAGE

	19	20	21	22	23	24	25	26	27	28	29	30	31	
5	2845	2845	2850	2850	2850	2845	2245	2215	2880	2845	2845	2845	2850	87597
1	11	11	11	11	11	11	11	11	11	11	11	12	6	32
3	13	12	12	12	11	11	10	10	9	9	9	9	9	409
7	577	580	577	580	585	592	584	595	579	598	596	584	581	18371
13	171	170	169	169	167	167	169	169	167	165	165	163	162	5362
19	33	33	33	33	33	33	33	33	32	32	32	32	32	1047
25	20	19	19	19	19	19	19	19	19	19	19	19	19	632
31	32	33	33	33	33	32	32	32	32	33	33	33	33	1000
37	288	217	222	222	222	222	222	222	223	223	224	223	222	6843
43	16	16	15	15	16	16	16	16	16	16	16	16	16	496
49	64	55	54	56	56	55	59	59	62	70	61	58	53	1907
55	13	13	13	13	13	13	13	13	13	13	13	13	13	503
61	151	151	149	147	142	142	142	146	146	146	142	142	142	4645
67	47	47	46	46	45	45	44	44	43	42	41	40	39	1445
73	75	76	76	76	75	75	75	76	76	76	76	76	76	2341
79	55	55	55	55	55	55	55	55	55	55	55	55	55	1696
85	404	406	394	405	397	395	366	372	372	368	368	333	313	12085
91	38	38	41	41	41	43	43	42	42	42	38	35	32	1223
97	51	51	50	47	47	50	51	50	50	50	28	28	28	1572
103	361	358	460	358	357	356	356	356	353	353	346	343	343	11191
109	22	22	22	24	24	26	26	28	28	30	30	26	26	748
115	9	8	8	8	8	9	9	11	11	11	11	11	11	303
121	167	167	170	170	172	172	177	177	179	179	179	179	179	5286
127	62	62	59	59	57	57	55	55	53	53	53	53	53	1881
133	96	96	93	93	93	91	89	89	84	84	84	87	87	2927
139	17	18	18	18	18	18	18	18	18	18	18	16	16	626
145	19	25	27	27	25	25	19	19	19	19	19	19	19	711
151	29	29	29	29	29	29	29	29	29	29	29	29	29	906
157	5618	5613	5612	5627	5601	5604	4967	4961	5601	5589	5541	5479	5444	174074
163	315	294	306	328	324	328	328	400	411	422	479	485	491	9316
169	5933	5927	5918	5955	5925	5932	5295	5361	6012	6011	6020	5964	5935	183390

DISCHARGE IN SECONDS
BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL	2850	2850	2850	2850	2850	2850	2850	2845	2850	2845	2845	2790	2790	2740	2651
PENITENTIARY	3	3	3	3	3	3	3	3	5	0	0	0	0	0	0
BUBB (SOUTH BOISE)	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
RI ENBAUGH	583	576	549	552	517	544	529	522	522	506	507	499	499	477	492
SETTLERS	150	158	123	121	120	119	117	118	118	115	115	113	112	103	104
THURMAN MILL	31	31	31	31	31	27	22	19	15	15	17	17	19	19	21
CRUZEN (CONSUMERS)	18	18	18	18	18	17	17	17	17	16	16	16	16	16	16
BOISE CITY	30	30	30	28	28	28	28	28	28	28	28	2	28	28	26
FARMERS UNION & B. V.	221	219	217	217	217	211	211	211	204	188	181	182	175	176	176
NEW UNION	16	16	16	16	16	14	14	14	12	12	12	12	12	12	12
NEW TRY CREEK	58	55	55	49	57	58	49	51	55	55	52	44	36	38	36
BALLANTINE	12	12	10	10	12	12	14	14	16	16	16	16	16	16	16
MIDDLETON CANALS	138	138	138	131	127	121	119	114	107	105	103	101	99	97	95
LITTLE PIONEER	37	35	33	31	31	31	31	33	33	32	31	30	29	28	27
CANYON COUNTY	71	71	71	71	64	64	62	58	62	62	62	62	58	58	58
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	41	41	41	41	41
PHYLLIS	306	306	290	284	289	275	244	245	244	223	212	206	194	183	170
EUREKA # 1	33	33	31	31	31	28	28	27	25	24	20	20	17	15	14
CALDWELL HIGH LINE	28	29	29	30	31	29	29	28	26	25	25	24	24	24	24
SEEREE (FARMERS CO-OP)	340	335	333	330	328	317	301	293	299	286	274	269	269	269	255
CAMPBELL	23	21	21	18	18	18	18	18	18	18	16	16	16	16	16
SIEGENSERG	9	9	6	6	5	5	5	5	5	5	5	5	5	5	5
RIVERSIDE NO. 2	173	173	173	163	163	163	163	163	163	163	163	162	163	163	164
PIONEER DIXIE	51	51	51	51	51	51	51	51	51	51	51	50	50	49	49
EUREKA # 2	87	87	91	91	91	91	91	87	87	87	87	87	86	86	85
UPPER CENTER POINT	16	16	14	14	14	14	14	14	12	12	12	12	12	12	12
LOWER CENTER POINT	23	23	25	27	32	25	18	18	16	16	14	14	14	14	14
MISCELLANEOUS	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5411	5389	5302	5267	5268	5209	5123	5089	5073	4999	4943	4854	4818	4724	4617
RIVER AT NOTUS	497	503	497	485	428	411	450	455	444	492	515	541	548	560	522
TOTALS	5908	5892	5799	5752	5696	5620	5573	5544	5517	5496	5458	5395	5366	5284	5139

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1957, INCLUDING STORAGE

SEPTEMBER

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
50	2845	2845	2790	2790	2740	2651	2606	2612	2612	2596	2550	2524	2456	2415	2476	2545	2589	2606	2595	261
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8
22	506	507	499	499	477	492	492	440	493	465	476	468	429	438	453	459	450	453	456	45
19	115	115	113	112	103	104	104	104	98	88	88	88	87	87	87	87	87	87	87	8
15	15	17	17	19	19	21	21	22	22	22	22	19	19	19	17	17	17	17	17	1
17	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	1
29	29	29	2	28	28	26	26	26	26	26	26	26	23	23	23	23	22	22	22	2
104	188	181	182	175	176	176	176	177	177	177	166	154	154	154	154	154	154	154	154	154
12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11
18	55	52	44	36	34	36	36	44	42	42	38	36	38	40	36	40	48	48	49	43
16	16	16	16	16	16	16	13	13	13	13	13	13	13	13	13	13	13	13	13	13
137	126	103	101	99	7	95	93	91	89	87	87	87	87	87	87	87	87	87	87	87
33	32	31	30	29	28	27	26	25	24	23	22	21	20	20	20	20	20	20	20	20
62	62	62	62	58	58	58	58	64	64	64	64	58	58	58	58	58	57	57	57	57
55	55	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
244	223	212	206	194	183	170	173	177	194	187	178	159	144	140	127	128	120	124	131	141
25	24	20	20	17	15	14	17	17	21	22	20	15	15	15	15	14	16	16	16	14
26	25	25	24	24	24	24	26	22	20	19	19	18	18	19	15	15	16	16	12	12
296	286	274	269	269	269	255	250	260	260	260	260	241	236	236	229	229	225	234	225	220
18	18	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14
5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4
163	163	163	162	163	153	164	154	156	134	134	134	134	134	134	134	134	134	134	134	134
51	51	51	50	50	49	49	47	47	47	47	47	47	47	47	47	47	47	47	47	47
87	87	87	87	86	86	85	85	85	85	85	85	85	85	85	72	72	72	72	64	64
12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13
16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
5073	4999	4943	4854	4818	4724	4617	4565	4584	4571	4507	4439	4343	4213	4179	4210	4289	4320	4354	4333	4318
444	492	515	541	548	560	522	485	461	444	497	532	541	548	477	467	467	467	467	422	395
517	5496	5458	5395	5366	5284	5139	5050	5045	5015	5004	4973	4884	4761	4676	4677	4756	4787	4821	4755	4783

VALLEY CANALS

CHART NO. 5 E

57, INCLUDING STORAGE

18	19	20	21	22	23	24	25	26	27	28	29	30	31	
2612	2596	2550	2524	2456	2415	2476	2545	2589	2606	2595	2651	2628		80767
0	0	0	0	0	0	0	0	0	0	0	0	0		29
8	8	8	8	8	8	8	8	8	8	8	8	8		261
493	465	476	468	429	438	453	459	450	453	456	458	463		14847
98	88	88	88	87	87	87	87	87	87	87	87	75		3159
22	22	22	19	19	19	17	17	17	17	17	17	17		631
15	15	15	15	15	15	15	15	15	15	15	15	15		480
26	26	26	26	23	23	23	23	22	22	22	22	22		782
177	177	166	154	154	154	154	154	154	154	154	154	154		5419
11	11	11	11	11	11	11	11	11	11	11	11	11		372
42	42	38	36	38	40	36	40	48	48	49	43	43		1371
13	13	13	13	13	13	13	13	13	13	13	13	13		403
89	87	87	87	87	87	87	87	87	87	87	87	87		3050
24	23	22	21	20	20	20	20	20	20	20	20	20		793
64	64	64	58	58	58	58	58	57	57	57	57	57		1643
41	41	41	41	41	41	41	41	41	41	41	41	41		1370
194	187	178	159	144	140	127	128	120	124	131	141	131		5925
21	22	20	15	15	15	15	14	16	16	16	14	14		624
20	19	19	18	18	19	15	15	15	16	12	12	12		663
260	260	260	241	236	236	229	229	225	234	225	220	211		8064
14	14	14	14	14	14	14	14	14	14	14	14	14		485
5	5	5	5	5	4	4	4	4	4	4	4	4		152
134	134	134	134	134	134	134	134	134	134	134	134	134		4527
47	47	47	47	47	47	47	47	47	47	47	47	47		1468
85	85	85	85	85	85	72	72	72	72	64	64	64		2481
13	13	13	13	13	13	13	13	13	13	13	13	13		395
14	14	14	14	14	14	12	12	12	12	12	12	12		489
29	29	29	29	29	29	29	29	29	29	29	29	29		870
4571	4507	4439	4343	4213	4179	4210	4289	4320	4354	4333	4338	4339		141720
444	497	532	541	548	457	467	467	467	467	422	395	450		14495
5015	5004	4973	4884	4761	4676	4677	4756	4787	4821	4755	4783	4789		156215

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1957

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
BOARD OF CONTROL (MC #2)	48558	146100	165362	180244	175194	161534	876992
PENITENTIARY	00	196	618	680	642	58	2194
BUBB (SOUTH BOISE)	100	616	762	854	818	522	3672
RIDENBAUGH	4582	31524	37456	37684	36742	29694	177682
SETTLERS	706	7734	11978	11216	10724	6318	47776
THURMAN MILL	210	1882	1848	2250	2094	1262	9546
CONSUMERS	424	1052	1138	1344	1264	960	6182
BOISE CITY	272	1538	1968	1978	2000	1564	9320
FARMERS UNION	1500	8636	12312	12250	11274	8386	54358
BOISE VALLEY	522	2684	3100	3140	2412	2452	14310
NEW UNION	92	542	1028	1040	992	744	4438
DRY CREEK	298	3150	4214	4318	3814	2742	18536
BALLANTINE	52	1014	1258	1266	1006	806	5402
MIDDLETON CANALS	4596	10012	10214	10854	9290	6100	51066
LITTLE PIONEER	124	1888	2894	3098	2890	1586	12480
CANYON COUNTY	732	4386	5188	5504	4682	3686	24178
EAGLE ISLAND CANALS	1094	3210	3282	3392	3392	2740	17110
PHYLLIS	2982	16892	24454	26480	24170	11850	106828
EUREKA # 1	200	1812	2282	2510	2446	1248	10498
CALDWELL HIGH LINE	1718	3724	4016	3924	3144	1326	17852
SEBREE	2146	15568	19934	23586	22382	16128	99744
CAMPBELL	92	1174	1222	1368	1496	970	6342
SEIBENBERG	00	72	470	672	606	304	2124
RIVERSIDE	3172	12030	12312	11650	10572	9054	58900
PIONEER DIXIE	554	4678	4210	3874	3762	2936	20014
EUREKA # 2	1838	5504	4762	5338	5854	4962	28278
UPPER CENTER POINT	250	1222	984	1454	1252	790	5952
LOWER CENTER POINT	130	1012	1086	1376	1422	978	6006
MISCELLANEOUS	500	1706	1754	1812	1812	1740	9324
TOTALS	77444	291558	341228	365376	348146	283440	1707194

BOISE RIVER CANAL DIVERSIONS
BEGINNING

	1940	1941	1942	1943	1944	1945	1946	1947
BOARD OF CONTROL	567126	600416	660248	767530	616514	681738	721472	772628
PENITENTIARY	1746	1582	1570	2062	1764	1656	2212	2806
BUBB	3918	4740	4154	4874	4338	5316	5172	5204
RIDENBAUGH	148658	160804	144804	161430	126146	129942	154442	157196
SETTLERS	40520	46556	43064	50082	40062	42006	47080	49380
THURMAN MILL	9632	9410	11612	9098	9670	11770	9096	10456
CONSUMERS WATER CO.	6826	5658	6630	6884	5888	7078	6726	6566
BOISE CITY	9114	10086	9296	9966	8940	8468	9352	9398
FARMERS UNION	26168	35618	35736	38180	29700	32990	38252	38616
CAPITAL VIEW IRR. DIST.	3468	3560	2282	2174	2022	2120	2180	2076
BOISE VALLEY	16274	17494	16676	15802	13598	14976	17686	16806
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	19900	20354	21648
7 EAGLE ISLAND CANALS	10256	12326	12720	11394	12450	12060	13772	13746
PHYLLIS CANAL	92608	104914	93564	117060	85268	84672	107768	107128
EUREKA WATER COMPANY	7576	9340	8402	8348	7962	8034	8332	9502
CALDWELL HIGH LINE	20974	20100	17852	17618	20424	20730	18832	16348
FARMERS CO-OP.	69200	78736	80164	98038	70786	77664	93136	85200
CAMPBELL (CANYON)	3824	4272	5040	5510	4422	5164	5944	5446
SIEBENBERG	2862	2774	2102	2298	2488	2350	2658	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
NEW YORK CANAL DIVERSIONS OCTOBER 1 TO MARCH 31	172234	175014	151154	152266	145568	151102	153260	166220
IRRIGATION REQUIREMENTS BELOW DIVERSION DAM DURING OCTOBER	19562	22856	28638	25370	25074	14858	18364	22846
AMOUNT PASSING DIVERSION DAM FROM NOVEMBER 1 TO APRIL 1	35898	29972	39348	437346	32026	29302	69026	115740
TOTAL	1454312	1563068	1563780	2150636	1451664	1539552	1703586	1829808
SUMMER RETURN FLOW	263936	334394	281650	275886	248672	264190	291322	339546
TOTAL AMOUNT AVAILABLE	1718248	1897462	1845430	2426522	1700336	1803742	1994908	2169354

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1940

1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
616514	681738	721472	772628	725750	806420	820502	856426	863356	839026	945306
1764	1656	2212	2806	2470	3350	2642	2766	2732	2356	2778
4338	5316	5172	5204	4090	4266	4310	4586	3890	4368	5494
126146	129942	154442	157198	131982	155814	166250	173836	171742	176828	192808
40062	42006	47080	49380	43716	52782	52044	53446	52510	49936	55290
9670	11770	9096	10456	9642	8714	10402	10500	9644	8880	8788
5883	7078	6726	6566	5632	6978	6828	5562	6756	6260	7876
8940	8468	9352	9398	7914	9034	9512	10412	9328	9254	10114
29700	32990	38252	38616	30678	43591	51276	58274	46696	47750	52309
2022	2120	2190	2076	2040	2286	2556	2554	2470	2198	2198
13598	14976	17686	16866	15208	18915	18420	13068	19404	22920	23621
3836	4016	3984	4376	3784	3932	4218	5224	4180	4534	5938
17572	20094	19218	18772	15442	19736	19120	19954	16782	19298	20136
3610	3706	4076	5036	4478	4802	5346	5328	5242	5858	6638
39530	29456	28628	27582	25136	30432	29886	32773	31067	32089	33263
11124	14728	19084	18388	16758	20622	19524	21849	20711	21393	22175
7250	9202	10692	10586	8228	9828	11322	10944	11666	11062	12276
18708	19900	20354	21648	18170	19068	23262	23282	24374	23948	25984
12450	12060	13772	13746	13056	14674	15244	15400	16744	16256	16006
85268	84672	107768	107128	98968	112320	116662	113870	114114	103862	118430
7962	8034	8332	9502	7954	8982	9654	10300	9662	9864	10938
20424	20730	18832	16348	13130	14210	14068	14906	13330	15824	19310
70786	77664	93136	85200	79448	82910	93470	102484	107814	105996	119806
4422	5164	5944	5446	4440	5032	5596	6406	6168	6102	6400
2488	2350	2658	2644	3158	2890	2926	3120	3272	3528	3930
41694	48758	43604	50496	69160	54346	68812	69594	68458	63526	69950
15336	15078	13472	16430	12978	18544	18388	21046	21098	18876	24476
11830	14818	19674	23718	20724	22568	25752	25668	24708	27754	29656
4126	4090	4438	4392	4758	5438	5824	5944	5970	7088	6930
4912	3784	3788	4410	5832	5216	5736	5920	5790	6208	6534
7036	7926	7822	7760	7338	8258	8344	8432	8592	8676	8556
1248996	1344290	1462936	1525002	1412102	1578478	1644296	1714424	1708290	1681518	1874314
145568	151102	153260	166220	149012	123492	137978	133610	104267	154382	147710
25074	14858	16364	22846	31464	17398	6728	33224	15098	19962	21910
32026	29302	69026	115740	28056	204000	40612	168678	651928	151184	170776
1451664	1539552	1703586	1829808	1620634	1923368	1829614	2049936	2479584	2007046	2214710
248672	264190	291322	339546	256714	330110	400206	471172	454974	480206	508274
1700336	1803742	1994908	2169354	1877348	2253478	2229820	2521106	2974556	2487254	2722984

	1949	1950	1951	1952	1953	1954	1955	1956	1957
0	806420	820502	856026	863356	839026	945306	791210	979666	876992
0	3390	2642	2766	2732	2356	2778	2488	2332	2194
0	4286	4310	4586	3890	4368	5494	4182	4702	3672
2	155814	166250	173836	171742	176828	192808	166426	178580	177682
6	52782	52044	53446	52510	49936	55290	48292	54972	47776
2	8714	10402	10500	9644	8680	8788	8688	9352	9546
2	6978	6828	5562	6756	6260	7876	6664	7352	6182
4	9034	9512	10412	9328	9254	10114	9022	9864	9320
8	43591	51276	58274	46696	47750	52309	48161	63250	52426
0	2286	2556	2554	2470	2198	2198	1876	2132	1932
8	18915	19420	13068	19404	22920	23821	19189	15016	14310
4	3932	4218	5224	4180	4534	5938	4252	5304	4438
2	19736	19120	19954	16782	19298	20136	18204	19662	18536
8	4802	5346	5328	5242	5858	6836	5404	6074	5402
6	30432	29886	32773	31067	32089	33263	23701	29800	29618
8	20622	19524	21849	20711	21393	22175	18623	21560	21448
8	9928	11322	10944	11666	11062	12276	10706	12564	12480
0	19068	23262	23282	24374	23948	25984	21860	25898	24178
6	14674	15244	15400	16744	16256	16006	13672	15802	17110
8	112320	116662	113870	114114	103862	118430	108846	117634	106828
4	8982	9654	10300	9682	9864	10938	9910	10024	10498
0	14210	14068	14906	13330	15824	19310	15394	20508	17852
8	82910	93470	102484	107814	105996	119806	106758	111420	99744
40	5032	5596	6406	6168	6102	6400	6102	6234	6342
58	2890	2926	3120	3272	3528	3930	3294	3774	2124
60	54346	68812	69594	68458	63526	69950	67174	66284	58990
78	18544	18380	21046	21098	18876	24476	23952	23852	20014
24	22568	25752	25668	24708	27754	29656	25960	29688	28278
58	5438	5824	5994	5970	7088	6930	5144	5782	5952
32	5216	5736	5920	5790	6208	6534	5964	6806	6006
38	8258	8344	8432	8592	8676	8556	7164	8930	9324
102	1578478	1644296	1714424	1708290	1681518	1874314	1,608802	1875838	1707194
012	123492	137978	133610	104267	154382	147710	103968	138968	96478
464	17398	6728	33224	15098	19962	21910	22198	20160	17026
056	204000	40612	168678	651928	151184	170776	622	508736	249912
634	1923368	1829614	2049636	2479584	2007046	2214710	1,735560	2633702	2070610
714	330110	400206	471172	494974	480206	508274	396138	469220	462564
348	2253478	2229820	2521106	2974556	2487254	2722984	2,131728	3102922	2533174

TRIBUTARY AND RETURN FLOW
IRRIGATION SEASON C

NO.	NAME OF TRIBUTARY	APRIL																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1.	DRAINAGE DISTRICT #3	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2.	DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3.	THURMAN DRAIN	12	12	12	12	12	12	12	12	12	13	13	13	13	13	14	14	14
4.	BOISE SEWER	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9
5.	EAGLE DRAIN	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
6.	SOUTH MIDDLETON DRAIN	40	40	40	41	41	42	42	43	43	44	44	42	40	38	37	36	35
7.	NORTH MIDDLETON DRAIN	14	14	14	14	13	13	13	12	12	11	10	12	14	15	15	15	15
8.	HARTLEY DRAIN	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	6
9.	PHYLLIS WASTE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10.	MASON CREEK	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8
11.	WILLOW CREEK	43	43	43	43	35	35	35	25	25	25	25	25	16	16	15	15	15
12.	MASON DRAIN	67	67	67	67	67	68	69	69	69	71	71	71	73	73	73	75	75
13.	INDIAN CREEK	155	155	157	160	162	165	167	170	173	176	179	176	172	175	171	168	164
14.	HARTLEY GULCH	4	4	4	4	4	4	4	6	6	6	8	8	8	8	8	10	10
TOTALS		395	395	397	401	394	400	402	397	403	406	410	410	403	398	394	394	392
		MAY																
1.	DRAINAGE DISTRICT #3	16	16	17	18	19	19	19	21	21	21	23	23	23	23	23	23	23
2.	DAVIS DRAIN	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
3.	THURMAN DRAIN	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
4.	BOISE SEWER	10	10	10	10	10	11	11	11	11	11	11	11	11	12	12	12	12
5.	EAGLE DRAIN	35	35	35	36	36	36	37	37	37	38	38	38	38	38	38	38	38
6.	SOUTH MIDDLETON DRAIN	46	50	54	58	64	70	76	80	84	88	88	88	88	88	88	88	87
7.	NORTH MIDDLETON DRAIN	26	28	30	32	34	36	38	40	42	42	42	43	43	38	38	38	35
8.	HARTLEY DRAIN	31	33	35	37	39	41	43	45	47	48	48	47	47	46	45	44	42
9.	PHYLLIS WASTE	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8
10.	MASON CREEK	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
11.	WILLOW CREEK	15	18	18	36	36	56	74	82	91	100	75	50	45	63	80	78	72
12.	MASON DRAIN	99	99	99	103	103	108	108	108	115	115	115	115	117	117	119	119	120
13.	INDIAN CREEK	169	174	179	185	189	193	197	201	205	209	214	219	223	227	231	235	243
14.	HARTLEY GULCH	15	17	19	19	21	21	23	23	25	25	25	25	25	25	25	25	25
TOTALS		507	521	537	575	592	632	667	699	719	739	721	698	699	719	741	742	741

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1957

CHART NO.

APRIL

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
12	12	12	12	12	12	12	12	12	12	12	14	15	15	15	15	16	15	16	
2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	
13	13	13	14	14	14	14	14	15	15	15	15	15	15	15	15	15	17	17	
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
18	18	18	18	18	18	18	18	19	19	19	20	22	24	26	28	30	32	34	
42	40	38	37	36	35	35	35	34	34	34	33	33	32	32	34	36	38	42	
12	14	15	15	15	15	15	15	16	16	15	15	15	15	15	20	22	24	24	
7	7	7	7	7	7	6	6	6	11	14	17	21	23	25	27	29	29	29	
5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	
7	7	7	7	7	7	8	8	9	9	10	10	11	11	12	12	12	12	12	
25	16	16	15	15	15	21	27	31	36	44	49	55	55	55	55	55	37	37	
71	73	73	73	75	75	75	71	71	71	71	71	60	60	63	68	74	88	88	
170	172	175	171	168	164	162	160	158	155	153	149	146	143	147	151	155	159	164	
8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	14	14	14	
110	402	398	394	394	394	393	394	400	409	417	425	427	429	442	459	477	484	495	

MAY

23	23	23	23	23	23	23	23	21	21	21	21	21	21	20	20	20	20	20	20
4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
38	38	38	38	38	39	39	40	40	41	42	43	44	45	46	47	48	49	49	49
88	88	88	88	88	88	87	82	78	66	64	62	64	66	68	70	72	72	73	79
41	41	38	38	38	35	35	35	35	35	34	34	34	34	34	34	34	31	31	31
47	47	46	45	44	43	42	42	42	40	40	40	39	38	38	36	36	36	34	37
7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8
12	12	12	12	12	12	12	11	11	9	9	8	8	8	7	7	7	7	7	7
50	45	63	60	78	76	72	72	72	75	75	75	69	61	54	41	34	34	28	28
115	117	117	119	119	120	120	120	121	121	121	121	121	121	121	121	121	99	121	121
219	223	227	231	235	234	243	247	251	245	239	233	227	221	215	209	203	197	190	190
25	25	25	25	25	25	25	23	23	21	21	21	19	19	19	17	17	15	16	
698	699	719	741	742	743	741	738	717	697	689	680	667	656	644	626	614	604	591	600

SE RIVER

CHART NO. 8

Apr

19	20	21	22	23	24	25	26	27	28	29	30	31	
12	12	12	12	14	15	15	15	15	15	15	15		390
2	2	2	2	3	3	3	3	3	3	3	3		68
14	15	15	15	15	15	15	15	15	15	17	17		415
9	9	9	9	9	9	9	9	9	9	9	9		265
18	19	19	19	20	22	24	26	28	30	32	34		615
35	34	34	34	33	33	32	32	34	36	38	42		1140
15	15	15	15	15	15	15	19	20	22	24	24		460
6	6	11	14	17	21	23	25	27	29	29	29		368
6	6	6	6	6	6	6	6	6	6	6	6		163
9	9	10	10	11	11	12	12	12	12	12	12		260
27	31	35	44	49	55	55	55	55	55	37	37		1039
71	71	71	71	71	60	60	63	68	74	88	88		2122
150	158	155	153	149	146	143	147	151	155	159	164		4858
10	12	12	12	12	14	14	14	14	14	14	14		272
394	400	409	417	425	427	429	442	459	477	484	495		12436
23	21	21	21	21	21	21	20	20	20	20	20	20	640
4	4	4	3	3	3	3	3	3	3	3	3	3	105
19	19	19	19	19	19	19	19	19	19	19	19	19	589
12	12	12	12	12	12	12	12	12	12	12	12	12	354
40	40	41	42	43	44	45	46	47	48	49	49	49	1251
82	78	66	64	62	64	66	68	70	72	72	73	79	2289
35	35	35	35	34	34	34	34	34	34	31	31	31	1091
42	42	40	40	40	38	38	38	36	36	36	34	37	1258
8	8	8	8	8	8	8	8	8	8	8	8	8	232
11	11	9	9	8	8	8	7	7	7	7	7	7	322
72	72	75	75	75	69	61	54	41	34	34	28	28	1786
120	101	101	101	101	101	101	101	101	101	99	101	101	3329
247	251	245	239	233	227	221	215	209	203	197	190	190	6599
23	23	21	21	21	19	19	19	19	17	17	15	15	660
738	717	697	689	680	667	656	644	626	614	604	591	600	20505

May

TRIBUTARY AND RETURN FLOW TO
IRRIGATION SEASON OF

NO.	NAME OF TRIBUTARY	JUNE																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1.	DRAINAGE DISTRICT #3	20	20	20	20	21	22	23	24	25	25	25	25	25	24	24	24	24
2.	DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3.	THURMAN DRAIN	20	20	20	21	21	21	22	22	23	23	24	25	26	27	28	29	29
4.	BOISE SEWER	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14
5.	EAGLE DRAIN	51	51	52	52	53	53	54	55	55	56	56	57	57	57	56	56	56
6.	SOUTH MIDDLETON DRAIN	85	91	97	103	107	111	115	120	125	129	130	133	131	129	127	125	123
7.	NORTH MIDDLETON DRAIN	33	35	37	39	41	41	43	45	47	49	51	51	49	48	47	46	45
8.	HARTLEY DRAIN	40	43	46	49	51	54	57	60	63	65	67	67	67	67	67	68	68
9.	PHYLLIS WASTE	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9
10.	MASON CREEK	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11.	WILLOW CREEK	28	28	30	30	30	30	32	32	32	32	32	34	32	29	23	24	22
12.	MASON DRAIN	102	103	104	105	106	107	108	109	110	111	112	113	119	125	126	131	138
13.	INDIAN CREEK	194	199	204	209	213	217	221	221	221	221	221	219	219	219	219	219	220
14.	HARTLEY GULCH	15	16	16	16	16	17	17	17	17	17	17	18	17	17	16	16	15
TOTALS		621	638	658	676	692	706	725	738	751	761	767	774	774	774	765	770	766
NO.	NAME OF TRIBUTARY	JULY																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1.	DRAINAGE DISTRICT #3	25	26	26	26	26	26	26	26	27	27	27	27	27	27	27	27	26
2.	DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3.	THURMAN DRAIN	25	25	25	25	25	25	25	25	25	25	24	24	24	24	24	24	24
4.	BOISE SEWER	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14
5.	EAGLE DRAIN	69	68	68	67	67	66	66	65	64	63	63	62	61	61	60	60	60
6.	SOUTH MIDDLETON DRAIN	103	103	102	102	101	101	100	99	99	98	98	97	96	96	95	95	94
7.	NORTH MIDDLETON DRAIN	50	53	56	59	61	64	67	69	70	71	73	75	76	77	79	83	86
8.	HARTLEY DRAIN	62	61	60	59	58	57	56	54	54	52	50	49	49	48	48	47	47
9.	PHYLLIS WASTE	9	9	10	10	11	12	13	14	14	14	12	12	12	12	12	10	10
10.	MASON CREEK	5	5	5	6	6	6	7	7	7	7	8	8	8	8	9	10	10
11.	WILLOW CREEK	20	19	19	20	20	21	21	22	22	23	23	24	24	25	25	26	26
12.	MASON DRAIN	142	142	143	143	144	145	146	147	148	149	150	151	152	153	154	155	156
13.	INDIAN CREEK	249	256	263	269	275	281	287	293	299	305	311	317	323	329	335	341	347
14.	HARTLEY GULCH	13	13	14	14	15	15	16	17	17	17	17	17	17	17	18	18	18
TOTALS		788	796	807	807	806	806	807	806	803	799	793	792	798	805	814	825	832

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1957

JUNE

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
25	25	24	24	24	24	23	23	23	23	22	22	22	22	23	23	24	24	24	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
25	26	27	28	29	29	29	29	29	28	28	28	28	27	27	27	27	26	26	
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
57	57	57	56	56	56	55	55	54	54	53	53	52	56	58	60	62	64	66	
133	131	129	127	125	123	121	119	117	115	113	111	109	107	106	106	105	105	104	
51	49	48	47	46	45	44	42	43	42	41	40	39	38	36	38	40	42	46	
67	67	67	67	68	68	68	68	68	69	69	69	69	69	69	67	65	64	63	
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	
34	32	29	23	24	22	22	22	22	22	22	21	21	21	21	21	21	20	20	
113	119	125	126	131	138	138	138	139	139	139	140	140	140	140	141	141	141	141	
217	219	219	219	219	219	220	220	220	220	220	220	220	220	219	225	231	237	243	
18	17	17	16	16	15	15	14	13	13	12	12	11	11	11	11	11	12	12	
774	774	774	765	770	771	766	761	759	756	750	747	742	742	741	750	758	766	776	

JULY

27	27	27	27	27	27	26	26	26	25	25	24	24	24	24	24	23	23	23	23
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	25	25
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
62	61	61	60	60	60	60	60	60	60	60	59	59	59	59	59	59	59	59	58
98	97	96	96	95	95	94	94	93	93	92	91	91	90	90	89	89	88	87	87
75	76	77	79	83	84	86	87	89	91	93	92	90	87	83	79	75	72	68	66
49	49	48	48	48	47	47	46	46	46	46	47	47	48	48	49	50	50	51	52
12	12	12	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	8	8	9	10	10	10	12	12	12	12	13	13	13	14	14	13	13	13	13
24	24	25	25	26	26	26	26	26	32	36	40	40	40	33	27	27	28	28	26
151	152	153	154	155	156	156	156	156	158	160	162	164	165	168	170	172	172	174	175
228	234	240	246	252	258	258	259	259	260	260	261	262	264	266	268	271	273	275	275
17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
792	798	805	814	825	832	832	835	836	846	853	858	859	860	854	848	848	847	848	845

ER

CHART NO. BA

19	20	21	22	23	24	25	26	27	28	29	30	31	
23	23	23	22	22	22	22	23	23	24	24	24		689
3	3	3	3	3	3	3	3	3	3	3	3		90
70	29	28	28	28	28	27	27	27	27	26	26		760
14	14	14	14	14	14	14	14	14	14	14	14		415
95	54	54	53	53	52	56	58	60	62	64	66		1669
17	117	115	113	111	109	107	106	106	105	105	104		3417
42	43	42	41	40	39	38	36	38	40	42	46		1278
68	66	69	69	69	69	69	69	67	65	64	63		1876
9	9	9	9	9	9	9	9	9	9	9	9		280
5	5	5	5	5	5	5	5	5	5	5	5		157
22	22	22	22	21	21	21	21	21	21	20	20		776
36	139	139	139	140	140	140	140	141	141	141	141		3746
20	220	220	220	220	220	220	219	225	231	237	243		6570
14	13	13	12	12	11	11	11	11	11	12	12		439
01	759	756	750	747	742	742	741	750	758	766	776		22175
26	26	25	25	24	24	24	24	24	23	23	23		790
3	3	3	3	3	3	3	3	3	3	3	3		93
24	24	24	24	24	24	24	24	24	24	24	25		756
14	14	14	14	14	14	14	14	14	14	14	14		431
60	60	60	60	59	59	59	59	59	59	59	59		1920
14	93	93	92	91	91	90	90	89	89	88	87		2953
87	89	91	93	92	90	87	83	79	75	72	68		2325
46	46	46	46	47	47	48	48	49	50	50	51		1585
10	10	10	10	10	10	10	10	10	10	10	10		336
12	12	12	12	13	13	13	14	14	13	13	13		299
26	26	32	36	40	40	40	33	27	27	28	28		815
56	156	158	160	162	164	166	168	170	172	172	174		4829
59	259	260	260	261	262	264	266	268	271	273	275		7897
18	18	18	18	18	18	18	18	18	18	18	18		524
05	836	846	853	858	859	860	854	848	848	847	848		25553

TRIBUTARY AND RETURN FL
IRRIGATION SEAS

NO. NAME OF TRIBUTARY

AUGUST

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. DRAINAGE DISTRICT #3	24	24	24	24	24	25	25	25	25	25	26	26	26	26	26	26	26
2. DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3. THURMAN DRAIN	25	25	25	25	26	26	26	25	25	25	24	24	24	23	23	23	22
4. BOISE SEWER	15	15	15	15	15	16	16	16	16	16	16	16	16	15	16	16	16
5. EAGLE DRAIN	58	58	57	57	57	57	56	56	56	56	55	55	55	54	54	54	54
6. SOUTH MIDDLETON DRAIN	86	86	85	85	84	83	82	81	80	79	78	77	76	75	74	73	72
7. NORTH MIDDLETON DRAIN	65	61	58	54	51	51	52	52	52	53	53	53	54	54	54	55	55
8. HARTLEY DRAIN	52	53	53	54	55	56	57	57	58	59	60	60	61	61	62	63	64
9. PHYLLIS WASTE	10	10	10	10	10	12	12	12	12	12	12	12	13	13	13	13	13
10. MASON CREEK	12	12	11	10	10	10	9	9	8	8	8	8	8	8	8	8	8
11. WILLOW CREEK	24	22	20	18	16	16	16	17	17	18	18	19	19	20	20	21	21
12. MASON DRAIN	176	177	178	179	180	181	182	183	184	185	186	187	187	186	185	184	183
13. INDIAN CREEK	274	274	273	273	271	271	269	269	268	268	267	267	266	266	267	269	272
14. HARTLEY GULCH	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17
TOTALS	842	838	830	825	820	824	822	822	821	824	823	824	825	822	822	825	826

SEPTEMBER

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. DRAINAGE DISTRICT #3	25	25	25	25	25	25	25	25	25	25	25	24	24	24	23	23	23
2. DAVIS DRAIN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3. THURMAN DRAIN	22	22	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23
4. BOISE SEWER	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
5. EAGLE DRAIN	55	55	55	55	54	54	53	53	52	52	51	51	50	50	48	48	48
6. SOUTH MIDDLETON DRAIN	87	88	89	89	91	93	95	97	99	101	103	105	107	109	111	111	109
7. NORTH MIDDLETON DRAIN	62	63	63	64	64	64	61	61	58	58	55	53	51	51	49	47	45
8. HARTLEY DRAIN	67	67	67	67	65	63	61	59	57	55	53	47	47	47	47	47	47
9. PHYLLIS WASTE	11	11	11	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10. MASON CREEK	9	9	11	11	11	11	11	11	11	7	7	7	7	7	8	8	8
11. WILLOW CREEK	27	27	29	29	32	32	28	28	21	21	15	15	15	17	19	21	21
12. MASON DRAIN	181	181	183	183	185	187	187	189	191	191	191	191	191	191	187	187	187
13. INDIAN CREEK	273	273	275	275	275	273	273	270	270	268	268	268	268	268	261	262	258
14. HARTLEY GULCH	21	21	22	22	22	22	22	22	22	22	23	23	23	23	23	21	21
TOTALS	856	858	868	868	870	870	869	861	860	848	845	832	832	833	834	825	815

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1957

AUGUST

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
26	26	26	26	26	26	26	26	25	25	25	25	25	25	25	25	25	25	25	25
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	24	23	23	23	22	22	21	21	21	21	21	21	21	21	22	22	22	22	22
16	16	15	16	16	16	16	16	16	16	16	15	15	15	14	14	14	14	14	14
55	55	54	54	54	54	54	54	54	54	54	54	54	55	55	55	55	55	55	55
77	76	75	74	73	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
53	54	54	54	55	55	56	56	56	57	57	58	58	59	59	60	60	61	61	62
60	61	61	62	63	64	64	65	65	65	65	65	66	66	66	66	67	67	67	67
12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7
19	19	20	20	21	21	22	22	23	23	24	24	25	25	25	25	25	25	25	25
187	187	186	185	184	183	182	181	180	179	178	177	176	175	174	174	174	174	174	174
267	266	266	267	269	272	275	277	279	281	279	277	275	273	271	268	268	271	271	271
17	17	17	17	17	17	17	17	17	17	18	18	18	19	19	19	20	20	21	21
824	825	822	822	825	826	831	833	835	838	836	836	836	837	834	832	835	840	842	844

SEPTEMBER

24	24	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	23	23	23	23	25	25	25	25	24	24	24	24	24	23	23	23	23	23	23
13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12
51	51	50	50	48	48	48	46	46	46	46	46	46	46	46	46	46	46	46	46
105	107	109	111	111	109	109	107	107	105	103	101	99	97	95	93	91	89	89	89
53	51	51	49	47	45	43	43	43	43	43	41	41	41	41	41	41	41	41	41
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8
7	7	7	7	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9
15	15	15	17	19	21	21	21	21	15	15	15	15	15	15	15	15	15	15	15
191	191	191	191	187	187	187	187	187	187	187	185	185	185	181	178	178	178	178	178
268	268	268	268	261	262	258	254	252	248	246	242	242	242	242	242	242	242	242	242
23	23	23	23	23	21	21	21	21	21	19	19	19	19	19	17	17	17	17	17
832	832	833	834	825	821	815	807	805	793	786	776	773	771	764	757	755	753	753	753

20	21	22	23	24	25	26	27	28	29	30	31	
25	25	25	25	25	25	25	25	25	25	25	25	779
3	3	3	3	3	3	3	3	3	3	3	3	93
21	21	21	21	21	21	21	22	22	22	22	22	716
16	16	16	15	15	15	14	14	14	14	14	14	476
54	54	54	54	54	55	55	55	55	55	55	55	1712
75	76	77	78	79	80	81	82	83	84	85	86	2469
56	57	57	58	58	59	59	60	60	61	61	62	1747
65	65	65	65	66	66	66	66	67	67	67	67	1936
13	13	13	13	13	13	13	12	12	12	12	12	376
8	8	8	8	8	8	8	7	7	7	7	7	262
23	23	24	24	25	25	25	25	25	25	25	25	660
180	179	178	177	176	175	174	174	174	174	174	174	5575
279	281	279	277	275	273	271	268	266	271	271	271	8423
17	17	18	18	18	19	19	19	20	20	21	21	555
835	838	836	836	836	837	834	832	835	840	842	844	25746
23	23	23	23	23	23	23	23	23	23	23	23	715
3	3	3	3	3	3	3	3	3	3	3	3	90
25	24	24	24	24	24	23	23	23	23	23	23	700
13	13	13	13	12	12	12	12	12	12	12	12	383
45	45	45	45	45	45	45	45	45	45	45	45	1491
107	105	103	101	99	97	95	93	91	89	89	89	2969
43	43	43	41	41	41	41	41	41	41	41	41	1512
47	47	47	47	47	47	47	47	47	47	47	47	1574
9	9	8	8	8	8	8	8	8	8	8	8	267
8	9	9	9	9	9	9	9	9	9	9	9	267
21	15	15	15	15	15	15	15	15	15	15	15	618
137	137	137	135	135	135	131	128	128	126	128	128	5564
252	248	246	242	242	242	242	242	242	242	242	242	7785
21	21	19	19	19	19	19	17	17	17	17	17	623
805	793	786	776	773	771	764	757	755	753	753	753	24558

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
 CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)
 TRIBUTARY GAIN-SEEPAGE GAIN-NET GAIN-BY MONTHS IN ACRE FEET
 IRRIGATION SEASON 1957

	APRIL	*MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
BOISE RIVER AT DIVERSION DAM	364156	550172	419374	304204	283900	232152	2153958
DELIVERIES TO CANALS	405816	647458	497420	386618	366780	312430	2616522
TRIBUTARY GAIN	24872	41010	14350	51106	51492	49116	261946
SEEPAGE GAIN	16788	56276	33696	31308	31388	31162	200618
NET GAIN	41660	97286	78046	82414	82880	80278	462564

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

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

BOISE RIVER AT DIVERSION DAM	6069	8874	6990	4907	4579	3869
DELIVERIES TO CANALS	6763	10443	8290	6236	5916	5207
TRIBUTARY GAIN	414	661	739	824	831	819
SEEPAGE GAIN	280	908	561	505	506	519
NET GAIN	694	1569	1300	1329	1337	1338

* MAY WAS A WET MONTH AND LOTS OF WATER WAS SPILLED INTO THE RIVER THROUGH SMALL DRAINS AND WASTERWAYS WHICH ARE NOT MEASURED. (THIS ACCOUNTS FOR THE UNUSUALLY LARGE SEEPAGE GAIN SHOWN FOR THIS MONTH.)

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

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

SECTION 1

1957

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT DIVERSION DAM	304204	283900	232152	820256
X DELIVERIES TO CANALS	317524	299666	246830	864020
TRIBUTARY GAIN	7980	7552	6758	22290
SEEPAGE GAIN	5340	8214	7920	21474
NET GAIN	13320	15766	14678	43764

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 1

BOISE RIVER AT DIVERSION DAM	4906	4579	3869
X DELIVERIES TO CANALS	5121	4833	4114
TRIBUTARY GAIN	129	122	113
SEEPAGE GAIN	86	132	132
NET GAIN	215	254	245

X. INCLUDES BOISE RIVER PASSING CALDWELL HIGH LINE

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE

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

SECTION 2

1957

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT CALDWELL HIGH LINE	5610	2008	838	8456
DELIVERIES TO CANALS	74704	69122	66438	210264
TRIBUTARY GAIN	43126	43940	42358	129424
SEEPAGE GAIN	25968	23174	23242	72384
NET GAIN	69094	67114	65600	201808

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	91	32	14
DELIVERIES TO CANALS	1205	1115	1107
TRIBUTARY GAIN	695	709	706
SEEPAGE GAIN	419	374	387
NET GAIN	1114	1083	1093

X INCLUDES BOISE RIVER AT NOTUS

BOARD OF CONTROL (NEW YORK)

NEW YORK IRRIG. DIST.	17,826	
BOISE-KUNA IRRIG. DIST.	18,060	
NAMPA & MERIDIAN IRRIG. DIST.	40,265	
SILVER IRRIG. DIST.	56,558	
BIG BEND IRRIG. DIST.	1,724	
TOTAL - BOARD OF CONTROL	165,033	ACRES
RIDENBAUGH	26,747	"
PENITENTIARY	112	"
BUBB (SOUTH BOISE)	1,057	"
WELVES	90	"
ROSSI MILL	500	"
MAVILLE-LEONARD	159	"
DAVIS AND LITTLE DAVIS	634	"
SETTLERS	12,282	"
THURMAN MILL	1,799	"
CRUZEN (CONSUMERS)	2,500	"
BOISE CITY	1,828	"
FARMERS UNION	8,300	"
BOISE VALLEY	2,729	"
CAPITOL VIEW	600	"
NEW UNION	688	"
NEW DRY CREEK	3,059	"
BALLANTINE	763	"
MIDDLETON WATER	5,180	"
MIDDLETON MILL	4,400	"
LITTLE PIONEER	1,246	"
CANYON COUNTY	4,007	"
LEMP DITCH (EAGLE ISLAND)	300	"

WARM SPRINGS SLOUGH	441	ACRES
JUPLIN	94	"
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	"
CALTWELL HIGH LINE	3,960	"
FARMERS CO-OP DITCH CO.	15,500	"
CANYON DITCH CO.	802	"
STEBENBERG	646	"
RIVERSIDE IRRIG. DIST.	10,645	"
PIONEER DIXIE	2,030	"
EUREKA DITCH CO.	2,625	"
UPPER CENTER POINT	641	"
LOWER CENTER POINT	880	"
BOWMAN & SWISHER	424	"
MANNION	538	"
HAAS	750	"
ISLAND HIGH LINE	945	"
LAHSON, BAXTER, LEMP	200	"
BOONE	517	"
ANDREWS	1,068	"
PARMA DITCH CO.	562	"
O'CONNELL	120	"
MACE & MACE	80	"

TOTAL 326,160 "

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

BLACK CANYON IRRIGATION DISTRICT	6,500	ACRES
CALDWELL IRRIGATION DISTRICT	850	"
MORILLAND & VAIL (DIXIE TRAIL)	640	"
	7,990	"
GRAND TOTAL	334,150	"

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

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

TABLE SHOWING ACRE FEET PER
FOR EACH IRRIGA

NAME OF CANAL	ACRES IRRIGATED	1939	1940	1941	1942	1943	1944	1945	1946	ACRES IRRIGATED	1947	1948
BOARD OF CONTROL PENITENTIARY	164,761	4.09	4.38	4.71	4.92	5.52	4.63	5.05	4.38	164,332	4.70	4.81
BUBB (SOUTH BOISE)	429	4.67	4.07	3.69	3.66	4.81	4.11	3.86	5.16	427	6.57	5.81
RIDENBAUGH	745	5.74	5.26	6.36	5.58	6.54	5.82	7.14	6.94	1,057	4.92	3.81
SETTLERS	27,000	5.47	5.51	5.96	5.35	5.98	4.67	4.81	5.72	26,747	5.88	4.81
	12,300	3.52	3.29	3.79	3.50	4.07	3.26	3.42	3.83	12,300	4.01	3.81
THURMAN MILL	1,858	6.21	5.16	5.06	6.25	4.90	5.20	6.33	4.89	1,799	5.81	5.81
CONSUMERS	2,500	3.33	2.73	2.26	2.65	2.75	2.36	2.83	2.69	2,500	2.63	2.81
BOISE CITY	1,903	5.23	4.79	5.30	4.88	5.24	4.70	4.45	4.91	1,828	5.14	3.81
FARMERS UNION	8,900	4.17	3.33	4.40	4.27	4.53	3.56	3.94	4.54	8,900	4.57	3.81
BOISE VALLEY	2,729	6.46	5.96	6.41	6.11	5.79	4.98	5.49	6.48	2,729	6.18	5.81
NEW UNION	688	5.07	5.67	6.66	5.13	5.66	5.58	5.84	5.79	688	6.36	5.51
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	5.01
BALLANTINE	700	5.28	5.09	4.64	4.74	5.66	5.16	5.20	5.82	763	6.60	5.81
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	3.81
MIDDLETON MILL	4,400	3.42	3.56	3.31	3.15	3.81	4.09	3.35	4.34	4,400	4.18	4.40
LITTLE PIONEER	1,286	6.47	5.48	6.16	5.53	6.22	5.64	7.16	8.31	1,286	8.23	6.40
CANYON COUNTY	3,790	5.27	4.72	5.36	4.88	5.27	4.94	5.25	5.37	4,007	5.40	4.53
EAGLE ISLAND CANALS	2,363	5.25	4.34	5.22	5.38	4.82	5.27	5.10	5.63	2,637	5.21	4.95
PHYLLIS	23,500	4.17	3.94	4.46	3.98	4.98	3.63	3.60	4.59	23,500	4.56	4.21
ELREKA WATER	1,666	5.05	4.55	5.61	5.04	5.01	4.78	4.82	5.00	1,666	5.70	4.80
* 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	3.31
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	5.00
CANYON (CAMPBELL)	802	7.94	4.77	5.33	6.29	6.87	5.51	6.44	7.41	802	6.75	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	5.50
PIONEER DIXIE	2,015	6.57	6.05	5.95	6.73	6.31	7.61	7.43	6.69	2,030	8.09	6.30
ELREKA #2	2,595	5.88	5.94	5.68	4.57	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 & 1956

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

TABLE SHOWING AGRI FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

PER EACH IRRIGATION SEASON FROM 1939

1945	1946	ACRES IRRIGATED	1947	1948	1949	1950	1951	1952	1953	1954	1955	ACRES IRRIGATED	1956	1957
5.05	4.30	164,332	4.70	4.42	4.90	5.83	5.21	5.25	5.11	5.75	4.81	154824	5.94	5.32
3.86	5.16	427	6.57	5.78	7.84	6.19	6.48	6.40	5.52	6.50	5.80	321	7.25	6.83
7.14	6.94	1,057	4.62	3.87	4.05	4.08	4.34	3.68	4.13	5.20	3.96	1057	4.45	3.51
4.81	5.72	26,747	5.88	4.93	5.83	6.22	6.50	6.42	6.61	7.21	6.22	26747	6.68	6.58
3.42	3.83	12,300	4.01	3.55	4.29	4.23	4.35	4.27	4.06	4.50	3.93	12282	4.48	3.89
6.33	4.69	1,799	5.81	5.36	4.64	5.78	5.84	5.36	4.94	4.88	4.83	1799	5.20	5.31
2.83	2.69	2,500	2.63	2.25	2.79	2.73	2.22	2.70	2.50	3.15	2.75	2603	2.82	2.47
4.45	4.91	1,828	5.14	3.33	4.95	5.22	5.70	5.10	5.06	5.53	4.94	1828	5.40	5.10
3.94	4.54	8,900	1.72	3.68	5.15	6.05	6.10	5.52	5.61	6.12	5.62	8900	6.54	5.34
5.49	6.48	2,729	6.18	5.57	6.93	6.75	7.18	7.11	8.40	8.73	7.03	2729	8.12	7.74
5.84	5.79	688	6.36	5.50	5.71	6.13	7.59	6.08	6.59	8.63	6.18	688	7.71	6.45
7.39	7.07	3,059	6.14	5.05	6.45	6.25	6.52	5.49	6.31	6.58	5.95	3059	6.43	6.06
5.29	5.82	763	6.60	5.87	6.29	7.01	6.98	6.87	7.68	8.96	7.09	763	7.96	7.08
5.11	5.02	5,640	4.89	3.81	5.48	5.30	5.81	5.51	5.69	5.90	4.20	5132	5.75	5.72
3.35	4.34	4,400	4.18	4.46	4.69	4.53	4.97	4.71	4.86	5.04	4.23	4400	4.90	4.87
7.16	8.31	1,286	8.23	6.40	7.64	8.80	8.51	9.06	8.60	9.54	8.33	1286	9.77	9.70
5.25	5.37	4,007	5.40	4.53	4.76	5.81	5.81	6.08	5.98	6.48	5.46	4007	6.46	6.03
5.10	5.13	2,637	5.21	4.95	5.56	5.78	5.84	6.35	6.16	6.07	5.18	2637	6.37	6.49
3.60	4.59	23,500	4.56	4.21	4.78	4.96	4.85	4.86	4.42	5.04	4.63	24362	4.82	4.39
4.62	5.00	1,866	5.70	4.80	5.39	5.79	6.18	5.61	5.92	6.56	5.95	1866	5.57	5.83
5.17	4.70	3,960	4.13	3.31	3.59	3.55	3.76	3.37	4.00	4.88	3.89	3960	5.18	4.51
5.01	6.01	15,807	5.36	5.00	5.22	5.88	6.45	6.78	6.67	7.54	6.72	15500	7.19	6.44
6.44	7.41	802	6.79	5.54	6.27	6.98	7.99	7.69	7.61	7.98	7.61	802	7.77	7.91
3.64	4.11	646	4.40	4.89	4.47	4.53	4.83	5.07	5.46	6.08	5.10	646	5.84	3.29
4.58	4.10	10,645	4.74	5.50	5.11	6.09	6.54	6.43	5.97	6.57	6.34	10645	6.23	5.54
7.42	6.89	2,030	8.09	6.29	9.13	9.06	10.37	10.39	9.30	12.06	11.80	2030	11.75	9.86
5.71	7.58	2,670	8.88	7.76	8.45	9.64	9.61	9.25	10.39	11.11	9.72	2625	11.31	10.83
6.50	7.15	641	6.85	7.42	8.48	9.09	9.35	9.31	11.06	10.81	8.02	641	9.02	9.28
4.45	4.48	880	5.01	6.63	5.93	6.52	6.73	6.57	7.05	7.43	6.90	880	7.73	6.83
5.31	5.24	1,444	5.37	5.08	5.72	5.78	5.84	5.95	6.01	5.93	4.95	1444	6.18	6.46
4.04	4.73	309,800	4.92	4.56	5.09	5.75	5.53	5.51	5.43	6.05	5.19	310447	6.04	5.50

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

VERTED BY BOISE VALLEY CANALS

CHART NO. 14

SEASON FROM 1939

1949	1950	1951	1952	1953	1954	1955	ACRES IRRIGATED	1956	1957
4.90	5.83	5.21	5.25	5.11	5.75	4.81	154824	5.94	5.32
7.84	6.19	6.48	6.40	5.52	6.50	5.80	321	7.26	6.83
4.05	4.08	4.34	3.68	4.13	5.20	3.96	1057	4.45	3.51
5.83	6.22	6.50	6.42	6.61	7.21	6.22	26747	6.68	6.58
4.29	4.23	4.35	4.27	4.06	4.50	3.93	12282	4.48	3.89
4.84	5.78	5.84	5.36	4.94	4.88	4.83	1799	5.20	5.31
2.79	2.73	2.22	2.70	2.50	3.15	2.75	2603	2.82	2.47
4.95	5.22	5.70	5.10	5.06	5.53	4.94	1828	5.40	5.10
5.15	6.05	6.10	5.52	5.61	6.12	5.62	8900	6.54	5.34
6.93	6.75	7.18	7.11	8.40	8.73	7.03	2729	8.12	7.74
5.71	6.13	7.59	6.08	6.59	8.63	6.18	688	7.71	6.45
6.45	6.25	6.52	5.49	6.31	6.58	5.95	3059	6.43	6.06
6.20	7.01	6.98	6.87	7.68	8.96	7.09	763	7.96	7.08
5.48	5.30	5.81	5.51	5.69	5.90	4.20	5132	5.75	5.72
4.69	4.53	4.97	4.71	4.86	5.04	4.23	4400	4.90	4.87
7.64	8.80	8.51	9.06	8.60	9.54	8.33	1286	9.77	9.70
4.76	5.81	5.81	6.08	5.98	6.48	5.46	4007	6.46	6.03
5.56	5.78	5.84	6.35	6.16	6.07	5.18	2637	6.37	6.49
4.78	4.96	4.85	4.66	4.42	5.04	4.53	21362	4.82	4.39
5.39	5.79	6.18	5.61	5.92	6.56	5.95	1800	5.57	5.83
3.59	3.55	3.76	3.37	4.00	4.88	3.89	3960	5.18	4.51
5.22	5.88	6.45	6.78	6.67	7.54	6.72	15500	7.19	6.44
6.27	6.98	7.99	7.69	7.61	7.98	7.61	802	7.77	7.91
4.47	4.53	4.83	5.07	5.46	6.08	5.10	646	5.84	3.29
5.11	6.09	6.54	6.43	5.97	6.57	6.34	10645	6.23	5.54
9.13	9.06	10.37	10.39	9.30	12.06	11.80	2030	11.75	9.86
8.45	9.64	9.61	9.25	10.39	11.11	9.72	2625	11.31	10.83
8.48	9.09	9.35	9.31	11.06	10.81	8.02	641	9.02	9.28
5.93	6.52	6.73	6.57	7.05	7.43	6.80	880	7.73	6.83
5.72	5.78	5.84	5.95	6.01	5.93	4.95	1444	6.18	6.46
5.09	5.75	5.53	5.51	5.43	6.05	5.19	31047	6.04	5.50

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

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

	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
APRIL	533	370	287	461	579	17	479	712	1003	973	891	757	515	569	694
MAY	491	591	779	872	1098	680	1213	1018	1223	1555	1896	1444	905	1424	1569
JUNE	778	1223	972	1028	1265	701	1168	1326	1456	1496	1141	1814	1177	1578	1300
JULY	885	657	914	895	916	924	893	1203	1381	1436	1253	1483	1330	1322	1329
AUG.	891	589	675	776	742	894	765	1185	1362	1205	1307	1325	1211	1441	1337
SEPT.	945	652	697	843	951	980	832	1112	1296	1495	1367	1507	1349	1347	1338
AVERAGE	754	680	711	812	925	699	892	1093	1287	1352	1312	1388	1081	1280	1261

RETURN FLOW TO SECTION ONE

JULY		139	250	228	331	214	282	343	460	411	369	391	379	210	215
AUG.	170	196	186	294	316	350	287	378	426	330	373	386	307	394	254
SEPT.	219	200	203	198	317	310	271	331	360	293	342	457	330	286	245
AVERAGE	195	178	213	240	321	291	280	351	415	345	362	411	338	297	238

RETURN FLOW TO SECTION TWO

JULY		518	664	666	591	732	611	860	921	1025	1884	1092	951	1112	1114
AUG.	567	393	489	529	459	564	478	807	936	875	934	939	904	1047	1083
SEPT.	538	452	493	645	657	679	561	781	936	1202	1025	1050	1019	1061	1093
AVERAGE	552	454	549	613	569	658	550	816	931	1032	947	1027	958	1073	1097

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	MEEVES	2
BUBB (SOUTH BOISE)	15		

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

DRAINAGE DISTRICT NO. 4

	INCHES
THURMAN MILL	570.98
RIDENBAUGH	51.34
WARM SPRINGS SLOUGH	127.68

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

INTERVENORS - STEWART DECREE

CHART NO. 21

GOOSE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREEED		DEPT. OF REC.
				SEC. FT.	INCHES	FILE NO.
66-A	4-1-1878	J. S. KRAUS	BALLANTINE	.80	40	373
129-A	4-1-1897	H. E. PLAIN	DRY CREEK	.54	27	373
66-C	4-1-1878	J. W. KOLANDER	BALLANTINE	1.40	70	373
73-A	4-1-1880	M. T. GRIFFITH	BALLANTINE	.80	40	373
75-A	6-1-1880	GOBLE & SONGER	DRY CREEK	.54	27	373
136	5-1-1906	C. B. FRANK	DRY CREEK	.816	40.80	380
85-A	6-1-1882	H. E. WYWER	BALLANTINE	.356	17.80	325
137	5-1-1909	LED MARSTERS	WARM SPRINGS	1.60	80	324
138	6-14-1912	B. P. WEAVERLING	MACE & MACE	1.60	80	294
85-C	5-1-1883	WESLEY A. MACE	CATLIN & MACE	.40	20	293
85-D	5-1-1883	WM. HUCKBA	DRY CREEK	.203	10.15	321
85-E	5-1-1883	C. H. SCHMELZER	BALLANTINE	.7506	37.53	320
124-A	5-1-1893	C. N. MCCLURG	DRY CREEK	.35	17.50	319
85-B	4-1-1883	W. C. CHARTERS	DRY CREEK	.825	37.50	318
77-A	4-15-1882	JACOB BINGHAM	SETTLERS	1.00	50	317
8-A	4-1-1865	ROC HELMS	RIVERSIDE IRRIG. DIST.	3.674	183.70	295
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	412
35-A	6-1-1867	ADOLPH BAHLER	BAHLER	.80	40	412
116-A	6-1-1890	RALPH T. KNIGHT	CANYON COUNTY	1.75	88	419
116-B	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	12-A NISC.
116-C	6-1-1890	WILLIS B. SPENCER	" " "	.10	5	" "
114-A	5-1-1889	REBECCA BELL	" " "	.40	20	" "
114-B	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	466
77-A	6-1-1881	DUG A. BARTH	" " "	.80	40	467
77-B	6-1-1881	" " "	PARMA DITCH CO.	1.60	80	467
77-C	6-1-1881	CHARLES JURRIES	" " "	.34	17	467
77-D	6-1-1881	JAMES FINLAY	" " "	.80	40	467
31-A	6-1-1866	LESTER J. SHIPPY	" " "	1.30	65	467
31-B	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	482
31-C	6-1-1866	MINNIE & JERRY COUZENS	MIDDLETON WATER	.60	30	482
71-A	4-1-1879	ALBERT C. BOWMAN	LAWRENCE & KENNEDY	1.10	55	482
137-A	4-1-1910	ISLAND HIGHLINE DITCH CO.	" " "	3.00	150	491
139	4-1-1915	" " " "	" " "	7.00	350	491
75-A	1880	ALBERT LEMP ET AL	LARSEN-BAXTER & LEMP	10.00	500	491
29-A	1865	LOUISE SLOMONSON	LEMP DITCH-EAGLE ISLAND	3.20	160	496
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	6.00	300	496
29-B	1865	S. G. HARTES & AMELIA EISLEY	BUBB	1.80	90	497
51-A	1870	" " " "	"	.50	25	498
115-A	1889	" " " "	"	1.00	50	498
59-A	5-1-1875	ROEDEL, EARL F. & OTTO W.	INDIAN CREEK	.84	42	498
				3.20	160	648

TABLE SHOWING CHANGE IN POINT

NO. OF CHANGE
OF POINT OF
DIVERSIONPOINT OF DIVERSION
FROM TODATE OF
CHANGEPRIORITY
NO. DATENO. OF
ACRES

3	EUREKA NO. 2	EUREKA NO. 2				
9	PIONEER DIXIE	PIONEER DIXIE	4-2-1912			
29	CALDWELL HIGH LINE	CANYON COUNTY	7-31-1912	96	10-1-87	80
32	DAVIS	DAVIS DITCH	8-26-1918			
35	PIONEER DIXIE	RIVERSIDE	7-15-1919			50
36	CANYON COUNTY	MIDDLETON WATER	4-3-1919			
38	HART & DAVIS	SEVEN SUCKERS	4-12-1918	35	6-1-67	160
39	HART & DAVIS	SEVEN SUCKERS	9-24-1915			
48	PIONEER DIXIE	PIONEER DIXIE	6-12-1918			
50	LOWER CEN. POINT	BOWMAN & SWISHER	9-26-1918			
51	LOWER CEN. 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	6-1-80	
76	SETTLERS	SETTLERS	11-25-1924			
77	BUBB	BAHLER	3-12-1925	85-B	4-1-83	
77	BUBB	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	4-29-1926			
85	UPPER CEN. POINT	EUREKA NO. 2	3-9-1926	65	6-1-77	
91	BALLANTINE	DRY CREEK	5-7-1926			
103	PARMA LITCH	PARMA LITCH	6-23-1926	103		
126	LAWRENCE & KENNEDY	MIDDLETON WATER	10-3-1928			
127	BOWMAN & SWISHER	LARGEN, BAXTER & LEMP	3-25-1931	31-A	6-1-60	
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-C	5-1-83	
147	MIDDLETON MILL	CANYON COUNTY	12-18-1934		7-5-12	
148	PIONEER DIXIE	UPPER CEN. POINT NO. 1	1-8-1936		6-1-67	
151	NEW DRY CREEK	BALLANTINE	4-17-1936	96	10-1-87	
152	BAHLER DITCH	RIDENBAUGH	2-16-1937		5-1-93	7
153	REIN*KEOUGH*BAHLER	RIDENBAUGH	5-15-1937		4-1-70	6
154	BAHLER DITCH	RIDENBAUGH	5-15-1937		5-1-95	4
159	UPPER CENTER POINT	EUREKA NO. 2	5-15-1937		4-1-65	5
151	BALLANTINE	NEW DRY CREEK	5-27-1939		6-1-65	40
174	BALLANTINE	NEW DRY CREEK	5-5-1940	103	6-1-88	8
175	RIVERSIDE	EUREKA	3-28-1944	103	6-1-88	32
176	MAMMON DITCH	HAAS DITCH	4-11-1944		6-1-83	12
179	CATLIN*HAGE	SEVEN SUCKERS	4-18-1944		6-1-73	85
			3-31-1945	51	6-1-64	40
				52	6-1-71	12
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-83	45
227	O'DONNELL		12-17-54	114-A	5-1-89	80

TABLE SHOWING CHANGE IN POINT

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DATE OF CHANGE	PRIORITY		NO. OF ACRES
	FROM	TO		NO.	DATE	
3	EUREKA NO. 2	EUREKA NO. 2	4-2-1912	96	10-1-87	80
9	PIONEER DIXIE	PIONEER DIXIE	7-31-1912			
29	CALDWELL HIGH LINE	CANYON COUNTY	8-26-1918			50
32	DAVIS	DAVIS LITCH	7-15-1919			
35	PIONEER DIXIE	RIVERSIDE	4-3-1919			160
36	CANYON COUNTY	MIDDLETON WATER	4-12-1918	35	6-1-57	
38	HART & DAVIS	SEVEN SUCKERS	9-24-1915			
39	HART & DAVIS	SEVEN SUCKERS	6-12-1918			
48	PIONEER DIXIE	PIONEER DIXIE	9-26-1918			
50	LOWER CEN. POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-55	
51	LOWER CEN. POINT	BOWMAN & SWISHER	3-31-1920	20	6-1-55	
54	CANYON COUNTY	MIDDLETON MILL	4-24-1920	35	6-1-57	
57	MIDDLETON WATER	BALLANTINE	12-2-1920	65	6-1-77	35
59	KENNEDY	CANYON COUNTY	3-18-1921	31	6-1-56	
61	KENNEDY & LAWRENCE	MIDDLETON WATER	6-22-1921	31-B	6-1-66	
64	BALLANTINE	DRY CREEK	12-21-1921	102	6-1-58	
75	MIDDLETON MILL	CANYON COUNTY	11-25-1924			
76	SETTLERS	SETTLERS	3-12-1925	85-B	4-1-83	
77	BURG	BAHLER	4-26-1925	8-A	4-1-55	80
77	BURG	BAHLER	4-26-1925	47-A	4-1-70	
83	WARM SPRINGS	SETTLERS	4-29-1926			
84	MIDDLETON WATER	FARMERS UNION	3-9-1926	65	6-1-77	
85	UPPER CEN. POINT	EUREKA NO. 2	5-7-1926			
91	BALLANTINE	DRY CREEK	6-23-1926	103		
103	PARMA LITCH	PARMA LITCH	10-3-1928			
126	LAWRENCE & KENNEDY	MIDDLETON WATER	3-25-1931	31-A	6-1-50	
127	BOWMAN & SWISHER	LARSEN, BAXTER & LEMP	8-15-1930		6-1-55	
131	EUREKA NO. 2	LOWER CENTER POINT	1-16-1932	89	11-9-83	
140	BALLANTINE	NEW DRY CREEK	4-23-1934	85-C	5-1-83	
141	FISCHER POWER	FISCHER POWER	12-18-1934		7-5-12	
147	MIDDLETON MILL	CANYON COUNTY	1-8-1936		6-1-67	
148	PIONEER DIXIE	UPPER CEN. POINT NO. 1	4-17-1936	96	12-1-87	
151	NEW DRY CREEK	BALLANTINE	2-18-1937		5-1-93	
152	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-70	
153	REIN*KEOUGH*BAHLER	RIDENBAUGH	5-15-1937		5-1-95	
154	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-65	
159	UPPER CENTER POINT	EUREKA NO. 2	5-27-1939		6-1-65	
161	BALLANTINE	NEW DRY CREEK	5-5-1940	103	6-1-88	
174	BALLANTINE	NEW DRY CREEK	3-28-1944	103	6-1-88	
175	RIVERSIDE	EUREKA	4-11-1944		6-1-83	
176	MAMMON DITCH	HAAS DITCH	4-18-1944		6-1-73	
179	CATLIN*MADE	SEVEN SUCKERS	3-31-1945	5)	6-1-63)	
				52)	6-1-71)	
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-83	40
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

OF DE	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	REMARKS
	NO.	DATE				
1912	96	10-1-07	80		THOS. T. JOHNSTON	
1912					ALBERT F. CLEMENS	
1918			50	50	J. C. HUGHES	
1919					ED DAVIS	
1919			160	100	REBECCA BELL	
1918	35	6-1-57		16	CRAPER & OTHERS	
1915				52	SHAFFER & OTHERS	
1918					GEORGE RAMBO	
1918					JAS. E. RUARK	TO INDIAN CREEK
1920	19	6-1-55		144	JOHN S. SMITHER	
1920	20	6-1-55		320	BIRI BOWMAN	
1920	35	6-1-67		55 1/2	H. G. DUDLEY	FOOTE & WISEMAN
1920	65	6-1-77	35	30	EDWARD MCCLINTICK	
1921	31	6-1-66		130	W. KENNEDY	
1921	31-b	6-1-66		30	MINNIE COUZENS	
1921	102	6-1-80		10	HARRY SEAVEY	
1924				25	DETWEED ETC. BANK	
1925	65-b	4-1-83		50	JACOB BINGHAM	
1925	8-A	4-1-55	80	40	ADOLPH BAHLER	
1925	47-A	4-1-77		40	ADOLPH BAHLER	
1926				76	LEO MARSTERS	
1926	65	6-1-77		40	J. C. RALPH	
1927				25	J. C. BRUCE	
1926	103			32 1/2	IRA E. BARBER	NOT APPROVED BY LITCH CO. SECRETARY
1928					CHARLES JURRIES	
1931	31-A	6-1-60		115	WM. MUSSER	
1930		6-1-65		40	WM. BAXTER	
1932	89	11-2-83		35	R. E. MCQUIRE	
1934	85-C	5-1-83		3	CHAS. H. SCHMELZER	
1934		7-5-12			FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
1936		6-1-67		10	OPRA M. CLIFTON	DEGREE TO AMERICAN LITCH
1936	96	10-1-07		75	DORA GREER	
1937		5-1-93		6.75	J. H. CONE	
1937		4-1-70		40	ADOLPH BAHLER	
1937		5-1-95		50	ADOLPH BAHLER	
1937		4-1-65		40	ADOLPH BAHLER	
1939		6-1-65		5	RAYMOND T. BRESHEARS	
1940	103	6-1-88		32 1/2	SID BARBER	
1944	103	6-1-88		12	FRANK W. RAY	
1944		6-1-83		85	WILBUR BRESHEARS	
1944		6-1-73		440	CHARLOTTE L. ALLEN	
1945	5)	6-1-64)		12	IDAHO FISH & GAME DEPT.	
1945	52)	6-1-71)				
1954	89	11-9-83		45	J. E. HOUSTON	
1954	114-A	5-1-89		80	ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER

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	
BIRI BOWMAN	
H. G. DUDLEY	FOOTE & WISEMAN
EDWARD MCCLINTICK	
W. KENNEDY	
MINNIE COUZENS	
HARRY SEAVEY	
DETWEED ETC. BANK	
JACOB BINGHAM	
ALOPH BAHLER	
ALOPH BAHLER	
LEO MARSTERS	
J. C. RALPH	
J. C. BRUCE	
IRA E. BARBER	NOT APPROVED BY LITCH COMPANIES
CHARLES JURRIES	SECRETARY
W. MUSSER	
W. BAXTER	
R. E. MCQUIRE	
CHAS. H. SCHMELZER	
FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
DORA M. CLIFTON	
DORA GREER	LEGREEL 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 RIGHT

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO					
34	SETTLERS	SETTLERS	92	10-17-64	3-16-1909	15	WALTER S.
34	"	"	127	6-1-61	3-16-1909		
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-67	4-19-1909	100	G. H. RO
38	AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-67	9-1-1909	605	W. V. M.
45	SETTLERS	SETTLERS	50	6-1-66	2-4-1910	10	J. E. MO
46	BARBER LUMBER CO.	PENITENTIARY	96	10-1-67	3-18-1910	112	BARBER L.
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-67	3-31-1910	1475	AMERICAN
48	AMERICAN DITCH ASSN.	SETTLERS	96	10-1-67	6-7-1910	210	NICHOLS &
50	SETTLERS	EUREKA NO. 2	96	10-1-67	11-14-1910	20	J. P. OLE
62	PIONEER DIXIE	EUREKA NO. 2	24	6-1-65	3-11-1911	50	J. A. CAR
71	UPPER CEN. POINT	CANYON DITCH	9	6-1-65	9-10-1912	40	J. L. ROU
105	SIEBENBERG	HILLCREST	96	10-1-67	11-25-1912	25	H. E. VEE
111	EUREKA NO. 2	HILLCREST	8	9-1-64	11-25-1912	60	H. L. PAN
111	PIONEER DIXIE	"	45	6-1-65	11-25-1912	1017	H. L. PAN
136	JACOBS	FARMERS UNION	2	6-1-61	6-6-1914	1000	BOISE TRU
219	PIONEER IRR. DIST.	PIONEER IRR. DIST.			7-15-1918	432	PIONEER I
300	MIDDLETON MILL	DRY CREEK			4-20-1921	17.5	EMMA V. P
301	MIDDLETON MILL	DRY CREEK			4-20-1921	77	JOHN F. GR
347	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	G. E. WHIT
349	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	FRANK WEA
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	CARL A. LI
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5-1-1926	10	NEILL B.
370	BOISE CITY	FARMERS UNION	33	6-1-66	1-26-1926	56.2	HENRY A. B
373	BOISE CITY	FARMERS UNION	65	6-1-77	5-1-1926	18.7	L. A. RICE
374	MIDDLETON WATER # 1	FARMERS UNION	65	6-1-77	5-1-1926	20	H. D. PARK
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-6-1926	10	A. G. KING
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-6-1926	20	MARY F. LEA
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-6-1926	12.3	H. E. MCCO
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-6-1926	20	H. E. MCCO
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-6-1926	20	E. E. SMITH
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-61	8-13-1926	7.5	RUSH CHASE
392	MIDDLETON WATER	RIDENBAUGH	54)	6-1-71			
393	MIDDLETON MILL	FARMERS UNION	65	6-1-77	8-21-1926	20	FRED. CUMER
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			
395	MIDDLETON WATER	FARMERS UNION	120)	6-1-51			
412	THURMAN	SETTLERS	65	6-1-77	11-16-1926	25	G. R. MEGUI
430	FARMERS UNION	SETTLERS	81	6-1-62	12-2-1927	20	CHAS. P. MAC
466	RIDENBAUGH	NEW YORK	65	6-1-77	7-2-1929	12.5	O. E. ALLISO
468	SETTLERS	SETTLERS	106	8-20-08	7-6-1929	445	W. H. TULLER
477	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5	C. C. WOOD
483	SETTLERS	SETTLERS	92	10-17-64	11-18-1929	10	CHAS. S. WALN
512	JACOBS CANAL	FARMERS UNION	92	10-17-64	4-7-1930	3	FRANK P. BEAS
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50	W. SCOTT AND
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-27-1932	25	FARMERS UNION
542	FARMERS UNION	FARMERS UNION	1	6-1-64	5-15-1934	15	A. B. WHITNEY
555	JACOBS CANAL	NAMPA-MERIDIAN	2	6-1-64	12-31-1934	34.37	FEDERAL LANE
555	JACOBS CANAL	SETTLERS	1	6-1-64	9-0-1938	10	BOISE TRUST CO
608	RIVERSIDE	PIONEER DIXIE	1	6-1-64	9-0-1938	10	BOISE TRUST CO
644	RIVERSIDE	PIONEER DIXIE	88	6-1-63	4-29-1940	50	W. F. TRACY
654	CONSUMERS	SETTLERS	88	6-1-63	11-12-1942	35	S. E. SMITH
654	CONSUMERS	SETTLERS	30	5-1-66	10-11-1943	25	W. H. MINELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-11-1943	50	W. H. MINELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-11-1943	25	W. H. MINELL

TRANSFER OF DEED RIGHTS ON BOISE RIVER

CHART NO. 23

QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
15	WALTER L. BRUCE	
100	G. H. ROSENBERGER	
605	WM. V. MESSLER	CHANGE IN POINT OF DIVERSION ONLY
10	J. E. MOORE	
112	BARBER LUMBER CO.	
1575	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
20	J. P. CLARK	
50	J. A. CARTWRIGHT	
40	J. L. POLAND	
25	H. E. MEYER	CHANGE IN POINT OF DIVERSION ONLY
60	H. L. RANDALL & OTHERS	
1017	H. L. RANDALL & OTHERS	
1000	BOISE TRUST TRACT CO.	
432	PIONEER IRR. DIST.	
17.5	EMMA W. FOWLER	LICENSED RIGHT INDIAN CREEK
77	JOHN F. GROOM	
7	C. E. WHITE	
7	FRANK KEASEL	
7	CARL A. LISH	
10	NELLIE B. WHITAKER	
56.2	HENRY R. BARTLETT	
15.7	L. A. HIDE	
20	H. D. FARRIS	
10	A. J. KING	
20	MARY F. LEACH	
12.3	H. F. MCINNELL	
20	H. R. BARTLETT	
20	E. E. SMITH	
7.5	BUSH CHASE	
20	FRED ELLERS	
14.1	A. C. BOWENMAN	
25	G. R. MCLURE	
20	CHAS. P. MACE	
12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
445	H. H. TULLER	
5	C. C. WOOD	
10	CHASE N. WALKER	
3	FRANK P. KEASEL	
50	W. SCOTT ANDERSON	
25	FARMERS UNION DITCH	
15	A. B. WHITNEY	
34.37	FEDERAL LAND BANK	
10	BOISE TRUST CO.	GOVERNOR IS
10	BOISE TRUST CO.	FALK
50	W. F. TRACY	
35	D. E. SMITH	
25	W. F. MCINNELL	LARSON TRACT
50	W. W. MCINNELL	LARSON TRACT
25	W. W. MCINNELL	BUDGE TRACT

TRANSFERS OF DECREE RIGHT

NO. OF TRANSFER	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WH TRANSFER
	FROM	TO	NO.	DATE			
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.
694	"	"	30	5-1-66	4-29-1946	6	W. B.
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	STEBENBERG	NEW DRY CREEK	30	5-1-66	6-14-1947	27	"
720	CONSUMERS	FARMERS CO-OP	9	6-1-65	11-25-1947	32	R. W. T.
720	"	SETTLERS	30	5-1-66	5-4-1948	10	W. F. H.
720	"	"	30	5-1-66	5-4-1948	10	"
720	"	"	30	5-1-66	5-4-1948	7	"
720	"	"	30	5-1-66	5-4-1948	10	"
720	"	"	30	5-1-66	5-4-1948	20	"
736	THURMAN MILL	"	30	5-1-66	5-4-1948	10	"
736	CONSUMERS	"	37	6-1-68	3-9-1949	50	AIRCRAFT
739	"	"	30	5-1-66	3-9-1949	55	W. W. HO
753	"	"	30	5-1-66	4-2-1949	7.5	"
754	"	"	30	5-1-66	4-14-1950	23	J. P. F.
790	"	MIDDLETON MILL	30	5-1-66	4-14-1950	20	J. P. F.
790	HILLCREST	NEW YORK	8	9-1-64	3-28-1952	1000	FOREST S.
790	"	"	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. TAY
829	"	SETTLERS	30	5-1-66	9-3-1954	24	"
871	THURMAN MILL	"	36	6-1-68	10-2-1956	14.4	J. FRANK
872	"	"	36	6-1-68	10-2-1956	11	GEORGE L.
873	CONSUMERS	"	30	5-1-66	10-2-1956	10	L. S. TAY
890	"	"	30	5-1-66	7-11-657	5	FRANCIS H.

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

CHART NO. 23-A

<u>BY FILE</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
1944	30	D. W. BALDWIN	
1946	8	W. W. HOWELL	KENNETH O. EARL
1946	6	"	L. R. FEWES
1946	7	"	C. G. STARK
1946	13	"	G. W. KYLE
1946	100	"	REX JENSON (BOISE-KUNA IRRIG. DIST.)
1946	30	"	MRS. ELITH CURTIS
1947	10	"	CLYDE SIMPSON
1947	10	"	JOHN DEVONI
1947	25	"	LEN SIMPSON
1947	27	"	J. S. BEEBE
1947	32	R. M. TUCKER	
1948	10	W. W. HOWELL	W. E. LOTY
1948	10	"	TOM ERCLAGA
1948	7	"	LOUIS ODERMOTT
1948	10	"	W. H. CALDWELL
1948	20	"	NORMAN C. STEELE
1948	10	"	GEORGE BERT ROYLANCE
1949	50	AIRCRAFT SERVICE CO.	
1949	55	W. W. HOWELL	
1949	7.5	"	
1950	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
1950	20	J. R. FIELD	BRINK TRACT
1952	1000	FORREST GOWER	
1952	17	"	
1952	60	"	
1954	300	G. S. TAYLOR	BOISE- KUNA IRRIGATION DIST.
1954	24	"	10" TO THE GOLDEN KENT TRACT AND 14" TO THE ELMUND BUCKLEY
1970	14.4	J. FRANK BRUCE	
1970	11	GEORGE L. RYLER, JR.	
1970	10	G. L. TAYLOR	THEODORE L. JOHNSON TRACT
1987	9	FRANCIS H. NETTZEL	R. S. POTTER TRACT

<u>QUANTITY</u> <u>INCHES</u>	<u>BY WHOM</u> <u>TRANSFERRED</u>	<u>REMARKS</u>
10	D. W. BALDWIN	KENNETH O. EARL
8	W. W. HOWELL	L. R. FEWES
6	"	D. G. STARK
7	"	G. W. KYLE
13	"	REX JENSON (BOISE-KUNA IRRIG. DIST.)
30	"	MRS. ELITH CURTIS
10	"	CLYDE SIMPSON
10	"	JOHN DEVON
25	"	LEN SIMPSON
27	"	J. S. BEIDE
32	R. M. TUCKER	
10	W. A. HOWELL	W. E. DOTY
10	"	TOM ERCHAGA
7	"	LOUIS ODERMOTT
10	"	W. H. CALDWELL
20	"	NORMAN C. STEELE
10	"	GEORGE EERT ROYLANCE
50	AIRCRAFT SERVICE CO.	
55	W. W. HOWELL	
7.5	"	
23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
20	J. R. FIELD	BRINK TRACT
000	FOREST SOWER	
17	"	
60	"	
300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
24	"	10" TO THE GOLDEN KENT TRACT AND 14" TO THE EDMUND BUCKLEY TRACT
14.4	J. FRANK BRUCE	
11	GEORGE L. KYSER, JR.	THEODORE L. JOHNSON TRACT
10	G. S. TAYLOR	
5	FRANCIS H. NETTZEL	R. S. POTTER TRACT

NO.	DATE	NAME	AMOUNT DECREED		NO.	DATE	NAME	AMOUNT
			SEC. FT.	INCHES				SEC. FT.
1.	X6-1-64	THOMAS DAVIS			46.	6-1-69	MASON CREEK DITCH CO.	
2.	X6-1-64	JACOBS CANAL CO.	2.20	110	47.	X6-1-69	T. W. BOONE	37.20
3.	X6-1-64	MIDDLETON MILL DITCH	20.00	1000	48.	6-1-70	W. J. HAMMING	3.50
4.	X6-1-64	THOMAS ANDREWS	12.80	640	49.	6-1-70	PIONEER CANAL	2.60
5.	X6-1-64	CATLIN & MACE	3.30	165	50.	6-1-69	BARBER LUMBER CO.	25.72
			2.86	143				2.24
6.	X6-1-64	T. C. CATLIN			51.	X6-1-70	THOMAS ANDREWS	
7.	X6-1-64	C. C. HAVIRI	3.30	165	52.	6-1-71	CATLIN & MACE	1.30
8.	X6-1-64	PIONEER DIXIE DITCH CO.	3.30	165	53.	6-1-71	PETER MEEVES	7.86
9.	X6-1-65	SIEBENBERG DITCH CO.	20.00	1000	54.	6-1-71	MIDDLETON MILL DITCH CO.	1.80
10.	X6-1-65	ALLEN V. WEBSTER	13.42	671	55.	6-1-72	J. F. YARYAN	33.70
			1.20	60				.70
11.	X6-1-65	J. F. YARYAN			56.	6-1-72	J. F. YARYAN	
12.	X6-1-65	GRAHAM & GILBERT	.66	33	57.	6-1-72	MARY C. DAVIS	1.40
13.	X6-1-65	EUREKA WATER CO.	4.40	220	58.	6-1-72	EDWARD N. HART	4.40
14.	X6-1-65	NEW UNION DITCH CO.	33.32	1666	59.	X6-1-74	J. W. BOONE	3.30
15.	X6-1-65	BOISE VALLEY IRRIG. DITCH CO.	13.76	688	60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	2.20
			54.58	2729				10.00
16.	X6-1-65	RIDENBAUGH & ROSSI	9.20	460	61.	6-1-76	EDWARD & MARY CLARK	
17.	X6-1-65	RIDENBAUGH & ROSSI (POWER)	265.80	13290	62.	6-1-76	JOHN CECIL	2.30
18.	X6-1-65	DENVER & IDAHO LAND CO.	.80	40	63.	6-1-77	THOMAS ATKENS	.44
19.	X6-1-65	MARTHA BOWMAN	2.88	144	64.	6-1-77	W. H. CONWAY	5.20
20.	X6-1-65	BIRD BOWMAN	6.40	320	65.	6-1-77	MIDDLETON WATER CO.	.90
								114.08
21.	X6-1-65	G. W. GESS			66.	7-1-77	PERRAULT & JOHNSON (POWER)	
22.	X6-1-65	ROBERT MCGUIRE	2.90	145	67.	5-1-78	NAMPA-MERILIAN IRRIG. DIST.	200.00
23.	X6-1-65	G. W. COOPER	3.20	160	68.	X6-1-78	JOHN MAMMON	170.00
24.	X6-1-65	J. W. ROLAND	3.20	160	69.	X6-1-78	JULIA MAMMON	4.20
25.	X6-1-65	DRAPER & WELLS	2.40	120	70.	X6-1-78	CHARLES ALLEN	3.36
			3.94	197				8.80
26.	X6-1-65	THOMAS J. PALMER	1.60	80	71.	X6-1-78	R. H. STOCKTON	
27.	X6-1-65	NOAH W. PALMER	1.56	79	72.	6-1-77	NEW DRY CREEK DITCH CO.	4.40
28.	X6-1-65	J. N. TUCKER	7.00	350	73.	X6-1-79	E. MUMFORD	31.32
29.	X6-1-65	THOMAS ANDREWS	6.00	300	74.	X6-1-80	SAITH STOCKTON	4.00
30.	X6-1-65	J. PERRAULT & R. JOHNSON	50.00	2500	75.	6-1-80	ISHAM JOPLIN	1.76
								2.40
31.	X6-1-66	WILLIAM P. KENNEDY	2.60	130	76.	10-20-80	JOSEPH GOBLE	.90
32.	X6-1-66	MANVILLE & LEONARD	3.50	175	77.	10-29-80	FRANKLIN DITCH CO.	27.60
33.	6-1-66	BOISE CITY CANAL CO.	36.00	1800	78.	6-1-82	ALLEN V. WEBSTER	.90
34.	6-1-66	FRANKLIN DITCH CO.	15.40	770	79.	6-1-82	SUSIE CAMPBELL	.60
35.	6-1-67	CANYON CO. WATER CO.	75.80	3790	80.	6-1-82	J. T. BARBER	1.60
36.	6-1-68	MARTHA E. MCCARTHY	14.10	705	81.	6-1-82	SONORA JOPLIN	3.40
37.	6-1-68	H. L. & 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, FILLEY & ROSS	8.54	427	84.	6-1-82	ANDREW J. JOPLIN	2.86
40.	6-1-68	S. S. GRAY	1.40	70	85.	6-1-82	JAMES L. GRAHAM	2.20
41.	X6-1-69	JOHN MAMMON	1.80	90	86.	X6-1-83	FARMERS COOP. DITCH	20.00
42.	6-1-69	ISAAC BEDAL	1.60	80	87.	6-1-83	FRANCIS M. JOPLIN	.90
43.	X6-1-69	FREDERICH ODE	3.60	180	88.	X6-1-83	M. 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.	53.10

X INDICATES RIGHTS SUPPLIED BY RETURN FLOW TO RIVER

STEWART DECREE

CHART NO. 1

	AMOUNT DECREEED		NO.	DATE	NAME	AMOUNT DECREEED	
	SEC. FT.	INCHES				SEC. FT.	INCHES
DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST.	20.00	1000
	3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4953
	2.60	130	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761
	25.72	1266	94.	6-1-86	THOMAS DAVIS	13.40	670
	2.24	112	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
NS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
DE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393
S	1.80	90	98.	6-1-88	A. V. LINDER	4.00	200
MILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH	1.30	65
	.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70
	1.40	70	101.	6-1-88	ED. J. LINDER	1.46	73
IS	4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20	60
ART	3.30	165	103.	6-1-88	JESSIE WILSON	1.40	70
	2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45
PERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
RY CLARK	2.30	115	106.	8-20-88	NAMPA-MERIDIAN IRRIG. DIST.	370.84	18542
	.44	22	107.	5-1-89	CHAS. S. MILLER	.06	3
NS	5.20	260	108.	5-1-89	LOMMIS S. HOSELEY	.02	1
Y	.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40	120
ATER CO.	114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
IAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05	2
	4.20	210	113.	5-1-89	GRACE CALL	.10	5
	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	.03	1
EN	8.80	440	115.	6-1-89	SONORA JOPLIN	.06	3
TEN	4.40	220	116.	6-1-89	SONORA JOPLIN	1.20	60
ER DITCH CO.	31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
	4.00	200	118.	6-1-91	W. H. CONWAY	2.20	110
TEN	1.75	88	119.	6-1-91	THOMAS DAVIS	.54	27
N	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	17.00	850
	.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50	175
TCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	73.41	3672
BSTER	.90	45	123.	6-1-91	THOMAS AIKEN	.80	40
ELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00	4000
R	1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76	88
IN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
INSON	.44	22	127.	5-1-95	CHARLES REIN & JANE KEOGH	1.00	50
	.44	22	128.	7-1-95	MATHEW CASEY	.66	33
JOPLIN	2.86	143	129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50	4175
AHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
F. LITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
I CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277
IG. DIST.	53.10	2656	135.	4-1-04	PIONEER IRRIG. DIST.	56.34	2817

CHART NO. 24

A. V. TALLMAN
IRRIG. ENGR.

NAME	AMOUNT DECREEED SEC. FT.	INCHES
-84 RIVERSIDE IRRIG. DIST.	20.00	1000
-84 SETTLERS CANAL CO.	99.06	4953
-86 NEW DRY CREEK DITCH	15.22	761
-86 THOMAS DAVIS	13.40	670
-87 WM. C., L. & E. YOUNG	4.00	200
-87 AMERICAN DITCH ASSOC.	47.80	2390
-88 NEW DRY CREEK DITCH CO.	7.86	393
-88 A. V. LINDER	4.00	200
-88 LEVI SMITH	1.30	65
-88 CHARLOTTE CALHOUN	1.40	70
1-88 ED. J. LINDER	1.46	73
1-88 LIZZIE EVERETT	1.20	60
1-88 JESSIE WILSON	1.40	70
1-88 THOMAS ANDREWS	.90	45
1-88 FARMERS CO-OP DITCH CO.	50.00	2500
0-88 NAMPA-MERIDIAN IRRIG. DIST.	370.84	18542
1-89 CHAS. S. MILLER	.06	3
1-89 LOMMIS S. HOSELEY	.02	1
1-89 S. J. UTTER & C. B. TAYLOR	2.40	120
1-89 SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
1-89 ESTATE OF J. H. GALLAGHER	2.94	147
1-89 ANNA H. FOGARTY	.05	2
1-89 GRACE CALL	.10	5
1-89 SAMUEL H. CANFIELD	.03	1
1-89 SONORA JOPLIN	.06	3
1-89 SONORA JOPLIN	1.20	60
1-90 PIONEER IRRIG. DISTRICT	200.00	10000
1-91 W. H. CONWAY	2.20	110
1-91 THOMAS DAVIS	.54	27
1-91 MIDDLETON MILL DITCH CO.	17.00	850
1-91 THOMAS ANDREWS	3.50	175
1-91 SETTLERS CANAL CO.	73.44	3672
1-91 THOMAS AIKEN	.80	40
1-93 RIVERSIDE IRRIG. DIST.	80.00	4000
1-54 R. H. STOCKTON	1.76	88
-2-54 FARMERS UNION DITCH CO.	110.00	5500
1-95 CHARLES REIN & JANE KEOGH	1.00	50
1-95 MATHEW CASEY	.66	33
1-96 FARMERS COOP. DITCH CO.	83.50	4175
1-99 RIVERSIDE IRRIG. DIST.	20.00	1000
23-00 NEW YORK CANAL CO.	219.10	10955
17-00 CANYON DITCH CO.	10.00	500
1-01 RIVERSIDE IRRIG. DIST.	70.00	3500
25-01 CANYON DITCH CO.	5.54	277
1-04 PIONEER IRRIG. DIST.	56.34	2817

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

CHART NO. 25

CHANGE IN											
NAME OF CANAL	P. OF D.	TRANSFER	PRIORITY NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	TOTAL SEC. FT.		
NEW YORK			131	3-23-1900	219.10						
				3-23-1900							
				12-14-1903							
				6-10-1909							
		111	8	6-1-1864	20.34						
			45	6-1-1869							
		111	96	10-1-1887	1.20						
		466	106	8-20-1888	8.90						
		701	30	5-1-1866	2.00						
		823	30	5-1-1866	6.00						
NANPA S. MERIDIAN			67	5-1-1878	170.00						
			106	8-20-1888	370.84						
		392	65	6-1-1877	.40						
	152		47-A	4-1-1870		.80					
	153		127	5-1-1895	1.00						
	154		8-A	4-1-1865		.80					
		466*	106	8-20-1888	8.90*						
		595	1	6-1-1864	.20						
	BURB(SOUTH BUTTE)			107	5-1-1889	.06					
			108	5-1-1889	.02						
			109	5-1-1889	2.10						
			110	5-1-1889	6.00						
			111	5-1-1889	2.94						
			112	5-1-1889	.05						
			113	5-1-1889	.10						
			114	5-1-1889	.03						
			8-B	4-1-1865		1.80					
			20-B	4-1-1865		.50					
			51-A	1870		1.00					
MEEVES			116-A	4-1-1889		.84					
				4-1-1905							
	ROSE I. MILL			53	6-1-1871	1.80					
MANVILLE-LEONARD				16	6-1-1865	9.20					
			19	6-1-1865	.80						
	DAVIS			32	6-1-1866	3.50					
LITTLE DAVIS				94	6-1-1886	13.40					

* SUBTRACT

STEWART AND BRYAN DECREEE URGUPEL UNDER CANAL HEADINGS

CHART NO. 25-A

NAME OF CAUSE	CHANGE IN		PRIORITY		STEWART DECREE	INTERVENORS		TOTAL DEC. FT.
	P. OF	TRANSFER	NO.	DATE		STEWART DECREE	BRYAN DECREE	
SETTLEES								
			92	10-17-1884	99.06			
			122	6-1-1891	73.44			1353
		347	3	6-1-1894	.14			3672
		349	3	6-1-1894	.14			7
		350	3	6-1-1894	.14			7
		357	65	6-1-1877	.20			7
		442	81	6-1-1882	.40			10
	76		84-3	4-1-1883		1.00		20
	83		85-4	6-1-1882		.72		50
		430	65	6-1-1877	.25			36
		595	1	6-1-1864	.20			12.5
		654	30	5-1-1866	.50			10
		654	30	5-1-1866	1.00			25
		654	30	5-1-1866	.50			50
		654	30	5-1-1866	.16			25
		694	30	5-1-1866	.12			8
		694	30	5-1-1866	.14			6
		694	30	5-1-1866	.26			7
		702	30	5-1-1866	.60			13
		712	30	5-1-1866	.20			30
		712	30	5-1-1866	.20			10
		712	30	5-1-1866	.50			10
		720	30	5-1-1866	1.34			25
		736	37	6-1-1868	1.00			57
		737	30	5-1-1866	1.10			50
		739	30	5-1-1866	.15			55
		753	30	5-1-1866	.46			7.5
		829	30	5-1-1866	.48			23
		871	36	6-1-1868	.298			24
		872	36	6-1-1868	.22			14.4
		873	36	5-1-1866	.21			11
		890	30	5-1-1866	.10			10
								5
								183.92
								184.10
								184.908
								185.108
								185.208
THURMAN MILL								
			7	6-1-1864	3.70			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	1.50			10
			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	.60			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	.70			45
			128	7-1-1895	.66			33
		412*	81	6-1-1882	.40*			20*
		736*	37	6-1-1868	1.00*			50*
		871*	36	6-1-1868	.298*			14.4*
		872*	36	6-1-1868	.22*			11*
								35.652

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-B

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO	PRIORITY DATE	AMOUNT DECREED				TOTAL SEC. FT. Y
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
PENITENTIARY	46		50	6-1-1866	2.24			112	2.24
CRUZEN (CONSUMERS)									
			30	5-1-1866	50.00				
		654*	30	5-1-1866	.50*			2500	
		651*	30	5-1-1866	1.00*			25*	
		654*	30	5-1-1866	.50*			50*	
		694*	30	5-1-1866	.12*			25*	
		694*	30	5-1-1866	.16*			6*	
		694*	30	5-1-1866	.14*			8*	
		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*	33.63
		873*	30	5-1-1866	.20*			24*	33.35
		890*	30	5-1-1866	.10*			10*	33.15
								5*	33.05
BOISE CITY			33	6-1-1866	38.06			1903	
		370	33	6-1-1866	1.124*			56.2*	
		373*	33	6-1-1866	.374*			18.7*	36.562
FARMERS UNION			126	7-2-1894	110.00			5500	
		136	2	6-1-1864	20.00			1000	
		370	33	6-1-1866	1.124			56.2	
		373	33	6-1-1866	.374			18.7	
		374	65	6-1-1877	.40			20	
		375	65	6-1-1877	.20			10	
		384	65	6-1-1877	.40			20	
		385	65	6-1-1877	.266			13.3	
		386	65	6-1-1877	.40			20	
		387	65	6-1-1877	.40			20	
		391	3)	6-1-1864					
		391	54)	6-1-1871	.15			7.5	
		393	3	6-1-1864					
		393	54	6-1-1871	.288			14.4	
		393	120	6-1-1891					
		395	65	6-1-1877	.50			25	
		430*	65	6-1-1877	.25*			12.5*	
	84		65	6-1-1877	.80			40	
		512	1	6-1-1864	1.00			50	
		513	1	6-1-1864	.50			25	
		530	1	6-1-1864	.30			15	
				7-2-1894		54.46	2723	191.312	

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-C

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DECREE	INTERVENORS		AMOUNT DECREED	
			NO.	DATE		STEWART DECREE	BRYAN DECREE	INCHES	TOTAL SEC. FT.
BOISE VALLEY			15	6-1-1865	54.58			2729	54.58
NEW UNION			14	6-1-1865	13.76			688	13.76
NEW DRY CREEK			72	6-1-1879	31.32			1566	
			93	6-1-1886	15.22			761	
			97	6-1-1888	7.86			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					
	64		102	6-1-1888	.20			10	
	140		85-D	5-1-1883		.06		3	
	151*		124-A	5-1-1893		.135*		6.75*	
	161		103	6-1-1888	.65			32.5	
	174		103	6-1-1888	.24			12	
		713	30	5-1-1866	.54			27	61.119
BALLANTINE			98	6-1-1888	4.00			200	
			99	6-1-1888	1.30			65	
			100	6-1-1888	1.40			70	
			101	6-1-1888	1.46			73	
			102	6-1-1888	1.20			60	
			103	6-1-1888	1.40			70	
			123	6-1-1891	.90			40	
			66-A	4-1-1878		.80		40	
			66-C	4-1-1878		1.40		70	
			66-D	4-1-1878		.80		40	
			85-D	5-1-1883		.7506		37.53	
			136	5-1-1906		.356		17.8	
	57		65	6-1-1877	.60			30	
	64*		102	6-1-1888	.20*			10*	
	140*		85-D	5-1-1883		.06*		3*	
	151		124-A	5-1-1893		.135		6.75	
	161*		103	6-1-1888	.65*			32.5*	
	174*		103	6-1-1888	.24*			12*	15.25

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-D

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL SEC. FT.
MIDDLETON WATER	36		65	6-1-1877	114.08			
	57*		35	6-1-1867	.38			5704
	61		65	6-1-1877	.60*			19
	84*		31-B	6-1-1866				30*
	126		65	6-1-1877	.80*	.60		30
			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	.266*			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*
								112.704
MIDDLETON MILL			3	6-1-1864	12.80			
			40	6-1-1868	1.40			640
			54	6-1-1871	33.70			70
	54		120	6-1-1891	17.00			1685
	75*		35	6-1-1867	1.11			850
	147*				.50*			55.5
					.20*			25*
			35	6-1-1867				10*
	300*		3)	6-1-1864				
	300*		54)	6-1-1871	.35*			
	300*		120)	6-1-1891				17.5*
	301*		3	6-1-1864)				
	301*		54	6-1-1871)	1.54*			
	301*		120	6-1-1891)				77*
	347*		3	6-1-1864	.14*			
	349*		3	6-1-1864	.14*			7*
	350*		3	6-1-1864	.14			7*
	391*		3	6-1-1864)				7*
	391*		54	6-1-1871)	.15*			
	393*		3)	6-1-1864				7.5*
	393*		54)	6-1-1871	.268*			14.4*
	393*		120)	6-1-1891				
	754		30	6-1-1866	.40			62.562
								62.262
PIONEER			49	6-1-1870	25.72		1266	25.72
LAWRENCE & KENNEDY			31-C	6-1-1866		1.10	55	1.10

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-E

NAME OF CANAL	CHANGE IN P. OF I.	TRANSFER	PRIORITY		STEWART DECREE	AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE		INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
CANYON COUNTY			35	6-1-1867	75.80				
			35-A	6-1-1867		1.76		3790	
	29							88	
	36*		35	6-1-1867	1.00			50	
	94*		35	6-1-1867	.38*			19*	
	59		31	6-1-1866	1.11*			55.5*	
	75				2.60			130	
	147		35	6-1-1867	.50			25	
					.20			10	80.37
LEMP DITCH			29-A	1865		6.00		300	6.00
CONWAY & HAMMING			48	6-1-1870	2.60			130	
			64	6-1-1877	.90			45	
			118	6-1-1891	2.20			110	5.70
THOS. AITKEN			63	6-1-1877	5.20			260	5.20
GATLIN & 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	10.88
MACE & MACE			137	5-1-1909		1.60		80	1.60
HART & DAVIS			6	6-1-1864	3.30			165	
			57	6-1-1872	4.40			220	
			58	6-1-1872	3.30			165	
	38*)								
	39*)				1.04*			52*	9.96
GRAHAM & GILBERT			12	6-1-1865	4.40			220	4.40
WARM SPRINGS SLOUGH			61	6-1-1876	2.30			115	
			80	6-1-1882	1.60			80	
			82	6-1-1882	.44			22	
			83	6-1-1882	.44			22	
			84	6-1-1882	1.36			68	
			85	6-1-1882	2.20			110	
			85-A	6-1-1882		1.60		80	
	63*		85-A	6-1-1882		.72*		36*	9.22
JOPLIN			81	6-1-1882	.80			40	
			115	6-1-1889	.06			3	
			116	6-1-1889	1.20			60	2.06
SEVEN SUCKERS					1.04			52	
	30								
	39		5)	6-1-1864	.24			12	
	179		52)	6-1-1871					1.28

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-F

NAME OF CANAL	CHANGE IN P. OF C.	TRANSFER	PRIORITY NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	TOTAL SEC. FT.
						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
ELREKA NO. 1			13	6-1-1865	33.32				
								1666	33.32
CALDWELL HIGH LINE			34	6-1-1866	15.40				
			46	6-1-1869	37.20			770	
			77	10-29-1880	27.60			1860	
	29*				1.00*			1380	
								50*	76.20
FARMERS CO-OP DITCH			60	6-1-1875	10.00			500	
			86	6-1-1883	20.00			1000	
			105	7-1-1888	50.00			2500	
			125	7-1-1896	83.50			4175	
				4-1-1905				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	10-1-1887	12.10			605	
			105	6-1-1865	.50			25	28.14
SIEBENBERG			9	6-1-1865	13.42			671	
		105*	9	6-1-1865	.50*			25*	
		717*	9	6-1-1865	.64*			32*	12.26
RIVERSIDE			68	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			63.7E	3185	
				4-1-1914			17.70	885	
		608*	88	6-1-1883	1.00*			50*	
		644*	88	6-1-1883	.70*			35*	
		660*	88	6-1-1883	.60*			30*	
	35				2.00			100	
	175*		88	6-1-1883	1.70*			85*	290.374

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-6

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREE				TOTAL SEC. FT.	
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES		
PIONEER DIXIE			8	6-1-1864	20.00					
			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*				1.50*			100*		
			96	10-1-1887				75*	39.10	
EUREKA NO. 2			89	11-9-1883	21.70			1085		
		47	96	10-1-1887	29.50			1475		
		62	96	10-1-1887	1.00			50		
		71	24	6-1-1865	.80			40		
	85			6-1-1865	.50			25		
	131*	111*	96	10-1-1887	1.20*			60*		
	159		89	11-9-1883	.70*			35*		
	175			6-1-1865	.10			5		
	224*		88	6-1-1883	1.70			85	53.40	
			89	11-9-1883	.90*			45*	52.95	
	UPPER CENTER POINT			23	6-1-1865	3.20			160	
				24	6-1-1865	2.40			120	
				25	6-1-1865	3.94			197	
			26	6-1-1865	1.60			80		
			27	6-1-1865	1.58			79		
		71*	24	6-1-1865	.80*			40*		
85*				6-1-1865	.50*			25*		
148			96	10-1-1887	1.50			75		
159*				6-1-1865	.10*			5*	12.62	
LOWER CENTER POINT				19	6-1-1865	2.88			144	
				20	6-1-1865	6.40			320	
				21	6-1-1865	2.50			145	
				22	6-1-1865	3.20			160	
			38	6-1-1865	3.20			160		
			43	6-1-1869	3.60			180		
			73	6-1-1879	4.00			200		
	50*		19	6-1-1865	2.88*			144*		
	51*		20	6-1-1865	6.40*			320*		
	131		89	11-9-1883	.70			35	17.60	
	BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
		51		20	6-1-1865	6.40			320	
		127*		20	6-1-1865	.80*			40*	8.46
224			89	11-9-1883	.90			45	9.38	
HAMMON			41	6-1-1869	1.80			90		
			68	6-1-1878	4.20			210		
			69	6-1-1878	3.36			168		
			70	6-1-1878	8.80			440		
	176*		70	6-1-1878	8.80*			440*	9.36	

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-H

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DECREE	AMOUNT DECREE			TOTAL SEC. FT.
			NO.	DATE		INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
HAAS DITCH	176		39	6-1-1868	8.54				
			70	6-1-1878	8.80			427 440	17.34
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150	
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	20.00
LARSEN-BAXTER-LEMP			75-A	1880		3.20		160	
			20	6-1-1865	.80			40	4.00
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
ANDREWS DITCH			4	6-1-1864	3.30			165	
			29	6-1-1865	6.00			300	
			44	6-1-1869	8.50			425	
			51	6-1-1870	1.30			65	
			104	6-1-1888	.90			45	
			121	6-1-1891	3.50			175	23.50
PARMA DITCH			71	6-1-1878	4.40			220	
			74	6-1-1880	1.76			86	
			125	6-1-1894	1.76			86	
			77-A	6-1-1881		1.60		80	
			77-B	6-1-1881		.34		17	
			77-C	6-1-1881		.80		40	
			77-L	6-1-1881		1.30		65	11.96
O'DONNELL DITCH	227*		114-A	5-1-1889		1.60		80	
			114-B	5-1-1889		.80		40	2.40
			114-A	5-1-1889		1.60*		80*	.80
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		80	1.60
RODEL, EARL F. & OTTO W.			59-A	5-1-1875		3.20		160	160

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

CHART NO. 26

NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1 THOMAS DAVIS	1	2.20	1.65	1.32			
2 JACOBS CANAL CO.	1	20.00	20.00	20.00		1073.71	1386.36
3 WILKINSON MILL LITCH CO.	1	12.80	9.60	7.68			
4 THOMAS ANDREWS	3	3.30	2.48	1.98		1075.63	1389.55
5 CATLIN & MACE	1	2.86	2.15	1.72			
6 T. C. CATLIN	1	3.30	2.48	1.98		1076.06	1390.27
7 C. C. HAVIRD	1	3.30	2.48	1.98		1076.56	1391.09
8 PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00		1077.06	1391.91
8A ADALPH BAHLER	1	.80	.60	.48			1396.91
8B FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08		1077.18	1397.11
9 STEPHENBERG	2	13.42	10.07	8.05		1077.45	1397.56
10 ALLEN V. WEBSTER	1	1.20	.90	.72			1400.91
11 J. F. VARYAN	1	.66	.50	.40		1077.63	1401.21
12 GRAHAM & SILBERT	1	4.40	3.30	2.64		1077.73	1401.37
13 EUREKA WATER CO.	1	33.32	24.99	19.99		1078.39	1402.47
14 NEW UNION LITCH CO.	1	13.76	10.32	8.26		1083.39	1410.80
15 BOISE VALLEY IRR. CO.	1	54.58	40.94	32.75		1085.45	1411.24
16 RIDENBAUGH & ROSSI	1	9.20	6.90	5.52		1093.64	1427.88
17 RIDENBAUGH & ROSSI (POWER)	1					1095.02	1430.13
18 DENVER & ICAHO LAND CO.	1	.90	.60	.48			
19 MARTHA BOWMAN	2	2.98	2.15	1.73		1095.14	1430.38
20 BIRT BOWMAN	2	6.40	4.80	3.84			1431.10
21 G. W. JESS	2	2.90	2.18	1.74			1432.70
22 ROBERT MCQUIRE	2	3.20	2.40	1.92			1433.42
23 G. W. COOPER	2	3.20	2.40	1.92			1434.22
24 J. W. ROWLAND	2	2.40	1.80	1.44			1435.02
25 CRAPER & HELLIS	2	3.94	2.95	2.36			1435.62
26 THOMAS J. PALMER	2	1.60	1.20	.96			1436.60
27 NOAH W. PALMER	2	1.08	.81	.65			1437.00
28 J. N. TUCKER	3	7.00	5.25	4.20			1437.39
29 THOMAS ANDREWS	3	6.00	4.50	3.60			
29A LOUISE SIMONSON	1	6.00	4.50	3.60			
29B S. J. HARTIES & AMELIA EISLEY	1	.50	.38	.30		1096.04	1438.99
30 J. PERRALLY & R. JOHNSON*	1	50.00	50.00	50.00		1096.12	1439.01
31 WILLIAM P. KENNELLY	1	2.60	1.95	1.56			
31A W. M. MUSSER	1	2.30	1.73	1.38		1096.51	1439.66
31B MINNIE & JERRY O'NEALS	1	.60	.45	.36		1096.96	1440.23
31C ALBERT C. BOWERMAN	1	1.10	.83	.66		1096.95	1440.38
32 MANVILLE & LEONARD	1	3.50	2.63	2.10		1097.12	1440.65
33 BOISE CITY CANAL CO.	1	38.06	28.55	22.83		1097.65	1441.52
34 FRANKLIN LITCH CO.	1	15.40	11.55	9.24		1103.37	1451.03
35 CANYON COUNTY WATER CO.	1	75.60	56.85	45.48		1105.68	1454.88
35A RALPH T. KNIGHT	1	1.76	1.32	1.06		1117.05	1473.83
36 MARTHA E. MCCARTHY	1	14.10	10.58	8.46	8.46	1117.31	1474.27
37 H. L. & ORA GOODMAN	1	3.70	2.78	2.22	10.68	1119.43	1477.79
38 T. T. JOHNSON	2	3.20	2.40	1.92		1119.99	1478.71
39 ROSS, ALLEN, TILLEY & ROSS	3	8.54	6.41	5.12			1479.51
40 S. S. GRAY	1	1.40	1.05	.84	11.52	1120.20	1479.86
41 JOHN MANNON	3	1.80	1.35	1.08			
42 ISSAC BETAL	1	1.50	1.20	.96	12.48	1120.44	1480.26
43 FREDERICH OLE	2	3.60	2.70	2.16			1481.16
44 PRIOR BURNETT	3	8.50	6.38	5.10			
45 PIONEER DIXIE DITCH CO.	2	35.44	26.58	21.26			1490.02
46 MASON CREEK DITCH CO.	1	37.20	27.90	22.32	34.80	1126.02	1499.32
47 T. V. BOONE	3	3.50	2.63	2.10			
47A ADALPH BAHLER	1	.80	.60	.48	35.28	1126.14	1499.52
48 W. J. HAMMING	1	2.60	1.95	1.56	36.84	1126.53	1500.17
49 PIONEER CANAL	1	25.72	19.29	15.43	52.27	1130.39	1500.50
50 BARBER LUMBER CO.	1	2.24	1.68	1.34	53.51	1130.73	1507.16

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

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

CHART NO. 26

NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1 THOMAS DAVIS	1						
2 JACOBS CANAL CO. *	1	2.20	1.65	1.32			
3 MIDDLETON MILL DITCH CO.	1	20.00	20.00	20.00		1073.71	1386.36
4 THOMAS ANDREWS	3	12.80	9.60	7.68			
5 CATLIN & MACE	1	3.30	2.48	1.98		1075.63	1389.56
6 T. C. CATLIN	1	2.86	2.15	1.72			
7 C. C. HAVIRD	1	3.30	2.48	1.98		1076.06	1390.27
8 PIONEER DIXIE DITCH CO.	2	3.30	2.48	1.98		1076.56	1391.09
8A ADALPH BAHLER	1	20.00	15.00	12.00		1077.06	1391.91
8B FIRST NAT'L BANK OF PUEBLO	1	.80	.60	.48			1396.91
9 STEINBERG	2	1.00	1.35	1.08		1077.18	1397.11
10 ALLEN V. WEBSTER	1	13.42	10.07	8.05		1077.45	1397.56
11 J. F. VARYAN	1	1.20	.90	.72			1400.91
12 GRAHAM & GILBERT	1	.60	.50	.40		1077.63	1401.21
13 ELREKA WATER CO.	1	4.40	3.30	2.64		1077.73	1401.37
14 NEW UNION DITCH CO.	1	33.32	24.99	19.99		1078.39	1402.47
15 BOISE VALLEY IRR. CO.	1	13.76	10.32	8.26		1083.39	1410.80
16 RICHENBAUGH & ROSSI	1	54.58	40.94	32.75		1085.45	1411.24
17 RICHENBAUGH & ROSSI (POWER)	1	9.20	6.90	5.52		1093.64	1427.88
18 DENVER & LEAHO LAND CO.	1					1075.02	1430.18
19 MARTHA BOWMAN	2	.80	.60	.48			
20 BERT BOWMAN	2	2.88	2.15	1.73		1075.14	1430.38
21 G. W. GESS	2	6.40	4.80	3.84			1431.10
22 ROBERT MCQUIRE	2	2.40	2.18	1.74			1432.70
23 C. W. COOPER	2	3.20	2.40	1.92			1433.42
24 J. W. ROWLAND	2	3.20	2.40	1.92			1434.22
25 TRAPER & WELLS	2	2.40	1.80	1.44			1435.02
26 THOMAS J. PALMER	2	3.94	2.96	2.36			1435.62
27 NOAH W. PALMER	2	1.50	1.20	.96			1436.60
28 J. N. TUCKER	3	1.08	1.14	.95			1437.00
29 THOMAS ANDREWS	3	7.00	5.25	4.20			1437.39
29A LOUISE STOMONSON	1	6.00	4.50	3.60			
29B S. J. HARTIES & MELIA EISLEY	1	6.00	4.50	3.60		1075.04	1438.89
30 J. PERRALLT & R. JOHNSON*	1	.50	.38	.30		1096.12	1439.01
31 WILLIAM P. KENTLEY	1	50.00	50.00	50.00			
31A W. A. MUDGER	1	2.60	1.95	1.56		1096.51	1439.66
31B V. WHITE & JERRY ORZENS	1	2.30	1.73	1.38		1096.56	1440.23
31C ALBERT C. GOWERMAN	1	.60	.45	.36		1096.95	1440.38
32 MANVILLE A. LEONARD	1	1.10	.83	.66		1097.12	1440.65
33 BOISE CITY CANAL CO.	1	3.50	2.63	2.10		1097.65	1441.52
34 FRANKLIN DITCH CO.	1	38.06	28.55	22.83		1103.37	1451.03
35 CANYON COUNTY WATER CO.	1	15.40	11.55	9.24		1105.68	1454.88
35A RALPH T. KNIGHT	1	75.00	56.25	45.00		1117.05	1473.83
36 MARTHA E. MCCARTHY	1	1.76	1.32	1.06		1117.31	1474.27
37 H. L. & LORA GOODMAN	1	14.10	10.58	8.46	8.46	1119.43	1477.79
38 T. T. JOHNSON	2	3.70	2.78	2.22	10.58	1119.99	1478.71
39 ROSS, ALLEN, TILLEY & ROSS	3	3.20	2.40	1.92			1479.51
40 S. S. GRAY	1	8.54	6.41	5.12			
41 JOHN MANNON	1	1.40	1.05	.84	11.52	1120.20	1479.86
42 ISSAC BETAL	3	1.80	1.35	1.08			
43 FREDERICH OEE	1	1.60	1.20	.96	12.48	1120.44	1480.26
44 PRIOR BURNETT	2	3.60	2.70	2.16			1481.16
45 PIONEER DIXIE DITCH CO.	3	6.50	6.38	5.10			
46 MASON CREEK DITCH CO.	2	35.44	26.58	21.26			1490.02
47 T. B. BOONE	1	37.20	27.90	22.32	34.80	1125.02	1499.32
47A ADALPH BAHLER	3	3.50	2.63	2.10			
48 W. J. HAMMING	1	.80	.60	.48	35.28	1126.14	1499.52
49 PIONEER CANAL	1	2.60	1.95	1.56	36.84	1126.53	1500.17
50 BARBER LUMBER CO.	1	25.72	19.29	15.43	52.27	1130.39	1501.60
	1	2.24	1.68	1.34	53.51	1130.73	1507.16

* 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	1.30	.75	.60			
52 CATLIN & MACE	1	7.96	5.90	4.72	54.21	1130.88	1507.41
53 PETER MEEVES	1	1.80	1.35	1.09	58.93	1132.06	1509.37
54 MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	60.01	1132.33	1509.82
55 J. F. YARYAN	1	.70	.53	.42	80.23	1137.39	1518.24
56 J. F. YARYAN	1	1.40	1.05	.84	80.65	1137.50	1518.41
57 MARY C. DAVIS	1	4.40	3.30	2.61	81.49	1137.71	1518.76
58 EDWARD N. HART	1	3.30	2.48	1.98	84.13	1138.37	1519.86
59 T. W. BOONE	3	2.20	1.65	1.32	86.11	1138.87	1520.68
60 FARMER'S COOP. DITCH CO.	2	10.00	7.50	6.00			
61 EDWARD & MARY CLARK	1	2.30	1.73	1.38			1523.18
62 JOHN GECIL	1	.44	.33	.26	87.42	1139.22	1523.75
63 THOMAS ATKIN	1	5.20	3.90	3.12	87.75	1139.29	1523.85
64 W. H. CONWAY	1	.90	.68	.54	90.87	1140.07	1525.16
65 MIDDLETON WATER CO.	1	114.02	85.56	68.45	91.41	1140.21	1525.38
66 PERRAULT & JOHNSON (POWER)	1				159.86	1157.32	1553.90
66A J. S. KSALIS	1	.80	.60	.48			
66C J. C. KOLANIEZ	1	1.40	1.05	.84	160.34	1157.44	1554.10
66D M. T. RIEFATH	1	.80	.60	.48	151.18	1157.65	1554.45
67 NAMPA, MERCEDIAN IRRIG. DIST.	1	170.00	127.50	102.00	151.66	1157.77	1554.65
68 JOHN MAMMON	3	4.20	3.15	2.52	263.66	1183.27	1577.15
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 RIVERLINE DITCH CO.	3	3.00	2.25	1.80			
72 NEW DRY CREEK DITCH CO.	1	31.32	23.49	18.79	292.45	1187.77	1604.98
73 L. MUMFORD	2	4.00	3.00	2.40			1675.98
73A WOLFE & SONGER	1	.54	.41	.32	282.77	1188.06	1606.11
74 SMITH STOCKTON	3	1.76	1.32	1.06			
75 ISHAM JOPLIN	1	2.40	1.80	1.44	284.21	1188.42	1606.71
75A C. B. FRANK	1	.916	.61	.49	284.70	1188.54	1606.92
75A ALBERT LEMP ET AL	3	3.20	2.40	1.92			
76 JOSEPH JOPLF	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 GUS A. BARTH	3	1.60	1.20	.96			
77B CHARLES JOURIES	3	.34	.25	.20			
77C JAMES FINLAY	3	.80	.60	.48			
77D LESTER J. SHIPPY	3	1.30	.98	.78			
77E ROC HELMS	2	3.674	2.76	2.20			1614.95
78 ALLEN V. WEBSTER	1	.90	.68	.54	302.34	1192.56	1615.17
79 EUSTIE CAMPBELL	1	.80	.61	.49	302.70	1193.05	1615.32
80 J. T. BAREFO	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	1615.57
82 S. W. HUTCHINSON	1	.44	.33	.26	305.96	1193.87	1616.68
83 JOHNSON	1	.44	.33	.26	306.22	1193.94	1616.79
84 ANDREW J. JOPLIN	1	2.86	2.15	1.72	307.34	1194.37	1617.50
85 JAMES L. GRAHAM	1	2.20	1.65	1.32	309.26	1194.70	1618.03
85A LEO HARTERS	1	1.60	1.20	.96	310.22	1194.94	1618.45
85B JACOB BINGHAM	1	1.00	.75	.60	310.82	1195.09	1618.70
85C WM HUCKBA	1	.203	.15	.12	310.94	1195.12	1618.75
85D C. H. SCHMELZER	1	.7506	.56	.45	311.30	1195.23	1618.94
85E C. W. McCLURG	1	.35	.26	.21	311.60	1195.28	1619.03
86 FARMER'S COOP. DITCH	2	20.00	15.00	12.00			1624.03
87 FRANCIS M. JOPLIN	1	.90	.68	.54	312.14	1195.42	1624.25
88 W. A. BLACK	2	12.00	9.00	7.20			1627.25
89 EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1632.67
90 PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	344.00	1203.39	1645.94

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

CHART NO. 26-B

NECESSARY AT DIVERSION DAM TO FILL SAME

NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
91 RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			
92 SETTLERS CANAL CO.	1	99.06	74.30	59.44			1650.94
93 NEW DRY CREEK CO.	1	15.22	11.42	9.13	403.44	1218.25	1675.70
94 THOMAS DAVIS	1	13.40	10.05	8.04	412.57	1220.54	1679.50
95 WM. E., L. & E. YOUNG	2	4.00	3.00	2.40	420.61	1222.55	1682.85
96 AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68			1683.85
97 NEW DRY CREEK DITCH	1	7.86	5.90	4.72	425.33	1223.73	1695.80
98 A. V. LINDER	1	4.00	3.00	2.40	427.73	1224.33	1697.76
99 LEVI SMITH	1	1.30	.98	.78	428.51	1224.53	1699.08
100 CHARLOTTE CALHOUN	1	1.40	1.05	.84	429.35	1224.74	1699.43
101 ED J. LINDER	1	1.46	1.10	.88	430.23	1224.96	1699.79
102 LIZZIE EVERETT	1	1.20	.90	.72	430.95	1225.14	1700.09
103 JESSIE WILSON	1	1.40	1.05	.84	431.79	1225.35	1700.44
104 THOMAS ANDREWS	3	.90	.68	.54			
105 FARMERS COOP. DITCH	2	50.00	37.50	30.00			1712.94
106 Nampa Meridian Irr. Dist.	1	361.94	271.46	217.16	648.95	1279.65	1803.42
106 BOARD OF CONTROL	1	8.90	6.67	5.34	654.29	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	.03	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'DONNELL	3	1.60	1.20	.96			
114B GUS A. BARTH	3	.80	.60	.48			
115 SONORA JOPLIN	1	.06	.05	.04	661.29	1282.74	1808.55
116 SONORA JOPLIN	1	1.20	.90	.72	662.01	1282.92	1808.85
116A S. G. HARTIES & AMELIA EISLEY	1	.84	.63	.50	662.51	1283.05	1809.06
116A ANNA SPENCER	2	.72	.54	.43			1809.24
116B WILLIS SPENCER	2	.10	.08	.06			1809.26
116C REBECCA BELL	2	.40	.30	.24			1809.36
117 PIONEER IRR. DIST.	1	200.00	150.00	120.00	782.51	1313.05	1859.36
118 W. H. CONWAY	1	2.20	1.65	1.32	783.83	1313.38	1859.91
119 THOMAS DAVIS	1	.54	.41	.32	784.15	1313.47	1860.04
120 MITELETON MILL DITCH	1	17.00	12.75	10.20	794.35	1316.02	1864.29
121 THOMAS ANDREWS	3	3.50	2.63	2.10			
122 SETTLERS CANAL CO.	1	73.44	55.08	44.06	838.41	1327.04	1882.65
123 THOMAS AIKEN	1	.80	.60	.48	838.89	1327.16	1882.85
124 RIVERSIDE IRR. DIST.	2	80.00	60.00	48.00			1902.85
124A W. D. CHARTERS	1	.625	.62	.50	839.39	1327.28	1903.06
125 R. H. STOCKTON	3	1.76	1.32	1.06			
126 FARMERS UNION DITCH	1	110.00	82.50	66.00	905.39	1343.78	1930.56
127 CHARLES REIN & JAMES KEOGH	1	1.00	.75	.60	905.99	1343.93	1930.81
128 MATHEW CASEY	1	.66	.50	.40	906.39	1344.03	1930.97
129 FARMERS COOP. DITCH	2	83.50	62.63	50.10			1951.84
129A H. E. PLAIN	1	.54	.41	.32	906.71	1344.12	1951.97
130 RIVERSIDE IRR. DIST.	2	20.00	15.00	12.00			1956.97
131 NEW YORK CANAL CO.	1	219.10	164.33	131.46	1038.17	1376.99	2011.74
132 CANYON DITCH CO.	2	10.00	7.50	6.00			2014.24
133 RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2031.74
134 CANYON DITCH CO.	2	5.54	4.16	3.32			2033.12
135 PIONEER IRR. DIST.	1	56.34	42.26	33.80	1071.97	1385.45	2047.20
136 H. E. WIMER	1	.356	.27	.21	1072.18	1385.51	2047.29
137 B. P. WEAVERLING	1	1.60	1.20	.96	1073.14	1385.75	2047.69
137A ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20			
138 WESLEY A. MACE	1	.40	.30	.24	1073.38	1385.81	2047.79
139 ISLAND HIGHLINE DITCH CO.	3	10.00	7.50	6.00			

(SEE NOTES IN FRONT OF REPORT FOR FURTHER EXPLANATIONS)

TABLE SHOWING DECREEED 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>
7-2-04	FARMERS UNION	54.46	40.85	32.68	2080.47	3843.43	4295.75
3-23-00	NEW YORK IRRIGATION DIST.) BOISE KUNA IRRIG. DIST.)	58.86	44.15	35.32	2115.79	3852.26	4310.46
12-14-03	UNITED STATES OF AMERICA	1354.58	1015.94	812.75	2928.54	4055.45	4649.10
4-1-05	PIONEER IRRIGATION DIST.	306.56	229.92	183.94	3112.48	4101.43	4725.74
4-1-05	FARMERS COOPERATIVE DITCH CO.	154.45	115.84	92.67	3205.15	4124.60	4764.35
4-1-05	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3208.39	4125.41	4765.70
4-1-08	PIONEER IRRIGATION DIST.	54.50	40.88	32.70	3241.09	4133.59	4779.32
6-1-09	UNITED STATES OF AMERICA	926.50	694.88	555.90	3796.99	4272.57	5010.94
4-1-10	RIVERSIDE IRRIGATION DIST.	63.78	47.84	38.27	3835.26	4282.14	5026.68
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".

