

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1964**

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Department of Reclamation

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1964

(DATA FOR THIS REPORT GATHERED BY THE
WRITER WHILE ACTING IN THE CAPACITY OF
WATERMASTER OF THE BOISE RIVER AND
SPECIAL DEPUTY IN CHARGE OF THE DIS-
TRIBUTION OF STORAGE WATER FROM ARROW-
ROCK AND ANDERSON RANCH RESERVOIRS)

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

BY

DANIEL L. MUSSELMAN

WATERMASTER, BOISE RIVER

C H A R T S

1. Map of Boise River, showing canal diversions.
2. Shows the natural flow of the Boise River by days for the period from 1941 to date. The same information for the period 1895 to 1940 is shown in previous reports.
3. Shows main daily flow of Boise River for a 70 year period.
4. Shows monthly and annual flow of Boise River in acre-feet, for the irrigation years from 1894-95 to date.
5. 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 1950. The same information beginning 1915 is shown in previous reports.
8. Shows daily discharge of all principal tributary streams feeding water to Boise River below More's Creek for irrigation season.
9. Two charts showing Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain, by months in acre-feet, and average daily flow in 24-hour second feet for the irrigation season.
10. Two charts for Section 1 of Boise River showing river at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain between Diversion Dam and Star, by months in acre-feet and average daily flow in 24-hour second feet, for irrigation season.
11. Two charts for Section 2 of Boise River showing river at Star, canal deliveries, tributary gain, seepage gain and net gain between Star and Notus, by months in acre-feet, and average daily flow in 24-hour second feet, for irrigation season.
12. Show acreage under all canals in the Boise Valley.
13. Storage water allocation, 13-A storage use for the irrigation season.
14. Shows acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1947.

C H A R T S

(Continued)

17. Shows total discharge of drainage canals in Drainage District No. 2 for the irrigation season.
18. Two charts showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4 for the irrigation season.
19. Summary chart of the return flow to Boise River between the Government Diversion Dam and Notus for 15 year period.
20. Shows distribution of drainage water to various canals.
21. Shows Intervenor Decrees on Boise River (Intervenors in the Stewart Decree), giving priority number, date and amount decreed.
22. Shows changes in point of diversion of decreed rights on Boise River.
23. Shows transfers of decreed rights on Boise River.
24. Condensed chart of Stewart Decree showing dates of priority and amounts decreed.
25. Charts showing the Stewart, Intervenors' and Bryan Decrees grouped under canal headings.
26. 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 1964 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:

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

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

Cooperative assistance is also rendered by the U. S. Geological Survey in current meter work and compiling records of Boise River at Notus.

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

DECREEES

Stewart Decree:

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

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

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

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

Bryan Decree:

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

On January 30, 1932, Judge A. O. Sutton signed an order temporarily establishing the various rights in the Flood Water Suit and providing for a duty of water similar to the "Sliding Scale" in the Stewart Decree.

On June 23, 1933, Judge Chas. E. Winstead of the THIRD JUDICIAL DISTRICT, sitting as Judge in the SEVENTH JUDICIAL DISTRICT for the State of Idaho, signed a continuing order making the order of Judge Sutton for 1932 effective for 1933 and continuing. This order has remained in effect since that time.

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

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

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total flow for the calendar year 1964 was 1,920,892 acre feet and for the irrigation year was 1,731,596 acre feet. Irrigation started about the 10th of April and demand for water reached a peak in May and continued moderately strong the balance of the season. Due to fast run-off 80,000 acre feet of water was lost down river. The river flow was over 10,000 c.f.s. for just 7 days during the year. The highest flow was 27,294 cubic feet per second on December 24 and the lowest flow was 289 cubic feet per second on August 21. The flow at Lucky Peak was cut out on October 15, so

the gates, etc. could be inspected. The gates were reopened to a flow of 75 c.f.s. on November 21. 75 c.f.s. was passed from November 21 to November 30. The flow was increased to 150 c.f.s. on December 1, and was continued through December 31.

CANAL REGULATIONS

It was necessary to begin canal regulations July 1.

Chart 5 shows the canal diversions for the period from April 1 to October 15.

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.

Chart 8 shows the daily discharge of the tributary streams.

NET GAIN

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

RIVER FLUCTUATION

The river flow was very steady, there being very few fluctuations. A change of gates at Lucky Peak sometimes resulted in a slightly changed

discharge. A new remote control gage, which makes a permanent record and shows the gage height at all times in the power house at Diversion Dam, has been installed and it gives a very good record of the flow below Diversion Dam.

CLASSIFICATION OF RIVER

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

SECTION I

Chart 10 shows the condition that existed in this section during the period July 1 to October 15 inclusive. The average net gain in this section per day during this period was 257 second feet.

SECTION II

Chart II is a table showing the condition that existed in this section during the period July 1 to October 15 inclusive. The average return flow per day during this period to this section was 1091 second feet. A considerable amount of water from Black Canyon project has come into this section of the river since 1950 and the return flow has now become a sufficient quantity so this section requires practically no regulation. There is a period of about a month when return flow does not supply Section II. This is right after the flood waters are cut from the river.

SECTION III

The return flow to Section III was sufficient to take care of all rights in this section during most of the season, and therefore no regulations were required. In fact, during all the years on record on the distribution of the waters of Boise River, beginning with 1914, there has been only one year - 1931 - during which it was necessary to regulate diversions from this section of the river, and during that year it was not necessary to run water past the Notus Bridge to supply the rights below.

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

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

2. "A duty, if established now, should be construed to mean a headgate,

duty, or duty at the point of diversion.

3. "The best information at hand today would indicate that a duty, if established, should conform very closely to the so-called "sliding scale", as provided in the order issued by Judge Ed. L. Bryan on May 31, 1919. That if the present law does not permit the court to render a decision on the duty of water conforming closely with the above suggestions, the water users of the valley should arrange, by stipulation, for the delivery of water along the above suggested lines until such time as conditions have changed so as to warrant new distribution.

4. "That an exception to the 'sliding scale' should be made in the case of porous-gravel, river bottom lands, lying adjacent to and under the upper section of the river as per the Stewart Decree, to the extent that these lands should be allowed to divert such amount of water as their crops require and at such times as it is needed, said diversions not to exceed 1.10 miner's inches per acre. This, because no matter how much is diverted, all but a very small amount almost immediately returns to the river flow. To do this a system of rotation among themselves should be required.

5. "That said lands entitled to above exceptions should be determined before a decree is entered or stipulation is signed."

The court order providing for the "Sliding Scale cuts", under which the Boise River has been operated for about forty years, has proven very satisfactory when the entire valley is taken into consideration. This court order is given in full on Page 2 of this report.

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

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

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

DRAINAGE

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

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

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

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

INTERVENORS

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

CHANGES IN POINT OF DIVERSION

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

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

TRANSFERS

Chart 23 is a table 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".

Chart 26 is a table 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

The tables, in Charts, 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 27 is a table showing decreed rights contained in the Bryan Decree and the natural flow necessary at the Diversion Dam to fill the same.

WATERSHED

The following is quoted from the 1947 report:

"The question of watershed protection will always be of paramount importance to the waterusers of Boise Valley. It is regrettable, however, that in matters of this kind the people of the valley generally are too much inclined to take the attitude of "Let George Do It". The preservation of present day waterusers but for generations yet to come, should have the

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

STORAGE WATER

As of December 31, there was 363,770 acre feet of water in Anderson Ranch Reservoir, 266,760 in Arrowrock and 94,130 in Lucky Peak. 229 c.f.s. is being released from Anderson Ranch Reservoir, 0 c.f.s. from Arrowrock and 150 c.f.s. from Lucky Peak and passing Diversion Dam.

FLOOD CONTROL

With three dams on the river, flood damage should be held to a minimum. There will still be some damage along the river from erosion until such time as protecting levees can be built in certain places on both banks of the river.

An agreement has been entered into between the Army Engineers, the Bureau of Reclamation and the waterusers whereby Arrowrock, Anderson and Lucky Peak Reservoirs will be used jointly for both irrigation and flood control. It is anticipated with this arrangement, the three reservoirs plus irrigation diversions will control the more frequent floods to bankful (6,500 c.f.s. or less) at Boise. However, although major floods will be regulated to a considerable degree, there is insufficient storage to control these more rare floods to bankful and some downstream flooding will occur.

COST REPORT - 1964

Watermaster Salary	\$5,250.00
Assistant Watermaster Salary	975.00
Car Mileage	1,074.76
Miscellaneous	1,213.30
Telephone	553.35
Office Rent	240.00
Stenographic Services	989.80
Insurance	254.50
Social Security Tax	207.20
Snow Survey	200.00
Services rendered by Boise Project Board of Control	<u>500.00</u>

TOTAL COSTS TO WATER DISTRICT 12-A FOR 1964 \$11,457.91

CONCLUSIONS

1. That the records and data substantially as compiled in the Water-master's report for the past thirty years should be continued.
2. That the river naturally divides itself into three sections during the low water period.
3. That the river can be completely dried up at the lower end of Section I without injury to the rights in Section II during the low water period of each irrigation year.
4. That the return flow is a vital factor and must be considered in the operation of the river.
5. That the transfer of water rights from Section II to Section I is injurious to the rights already existing in Section I and should not be permitted.
6. That the construction of drainage systems in the Boise Valley has changed the irrigation requirements within these districts.
7. That by reason of the construction of these drainage canals certain waters which were formerly lost through seepage, evaporation and deep percolation, or reached the river during the winter months, are probably now reaching the river during the irrigation season and made available for irrigation purposes.
8. That the question of protection of the Boise River watershed should have the constant attention and consideration of the people of this area.
9. That a reasonable program of research work should be continued by the U. S. Forest Service on the Boise River watershed for the purpose of determining to what extent the resources of the watershed may be

utilized without being injurious to the inherent rights of the waterusers who are dependent upon this resource for a livelihood.

10. That the knowledge and data upon which a permanent duty of water must necessarily be based are constantly being improved and increased.

11. That an arbitrary duty of water, if established, should be subject to change from time to time.

12. That the "Court Orders" under which the Boise River has been operated for approximately 50 years have proven very satisfactory to the Boise Valley as a whole.

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

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

15. That efforts should continue to be made for the construction of protective levees to relieve erosion in certain bad places along the river.

16. That some type of program should be adopted for annual repair and channel clearance on the Boise River.

* * * * *

R.2W.

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)

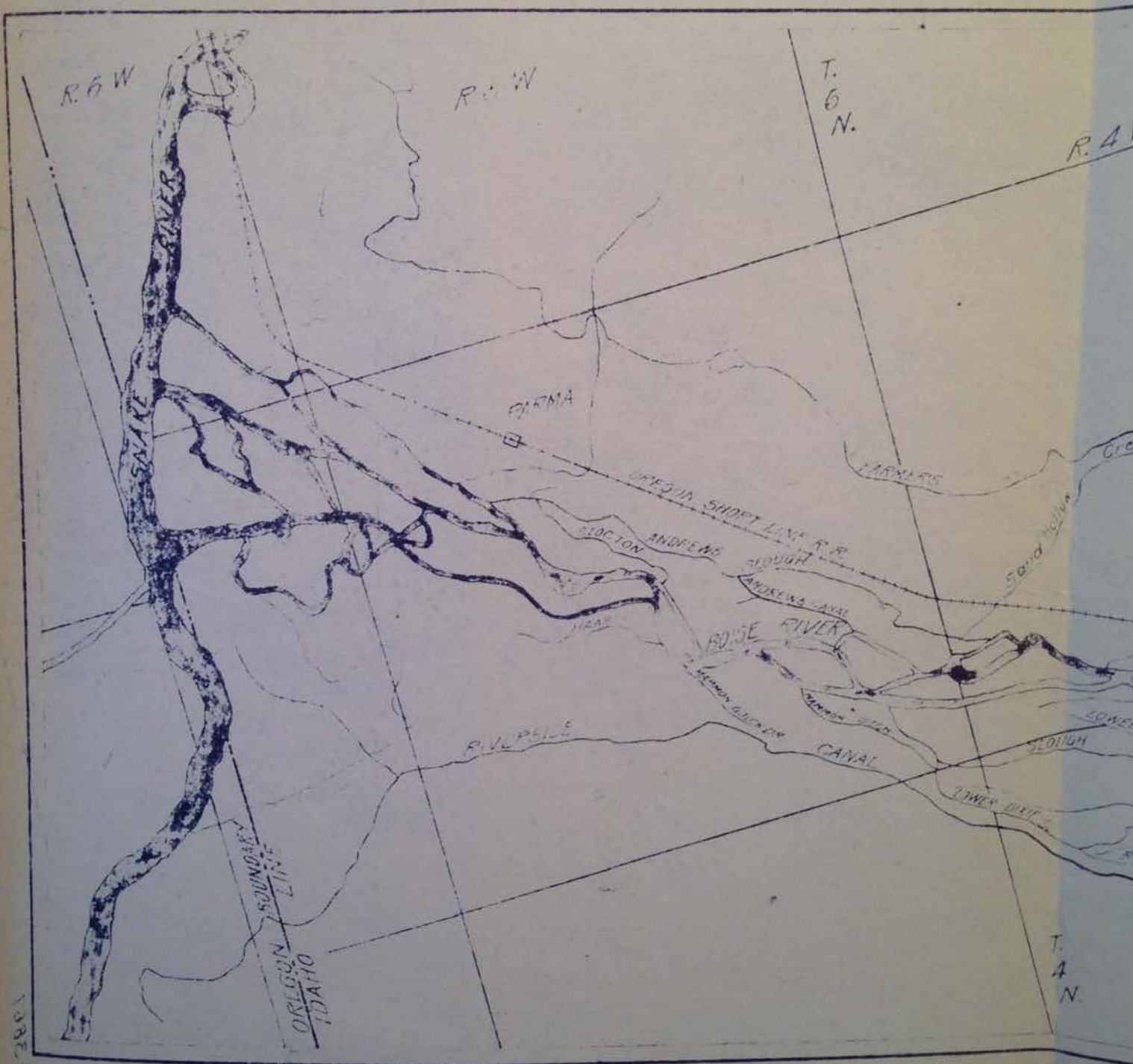
Scale: 1 in. = 8000 ft.

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



7386

7386



R. 6 W.

R. 5 W.

T. 6 N.

R. 4 W.

BLUMA

OREGON SHORT LINE R.R.

ELSTON

ANDREWS

ANDREWS

ANDREWS CANAL

BOISE RIVER

RIVERSIDE

ANDREWS SLUG

CANAL

LOWER

SLOUGH

LOWER DITCH

T. 4 N.

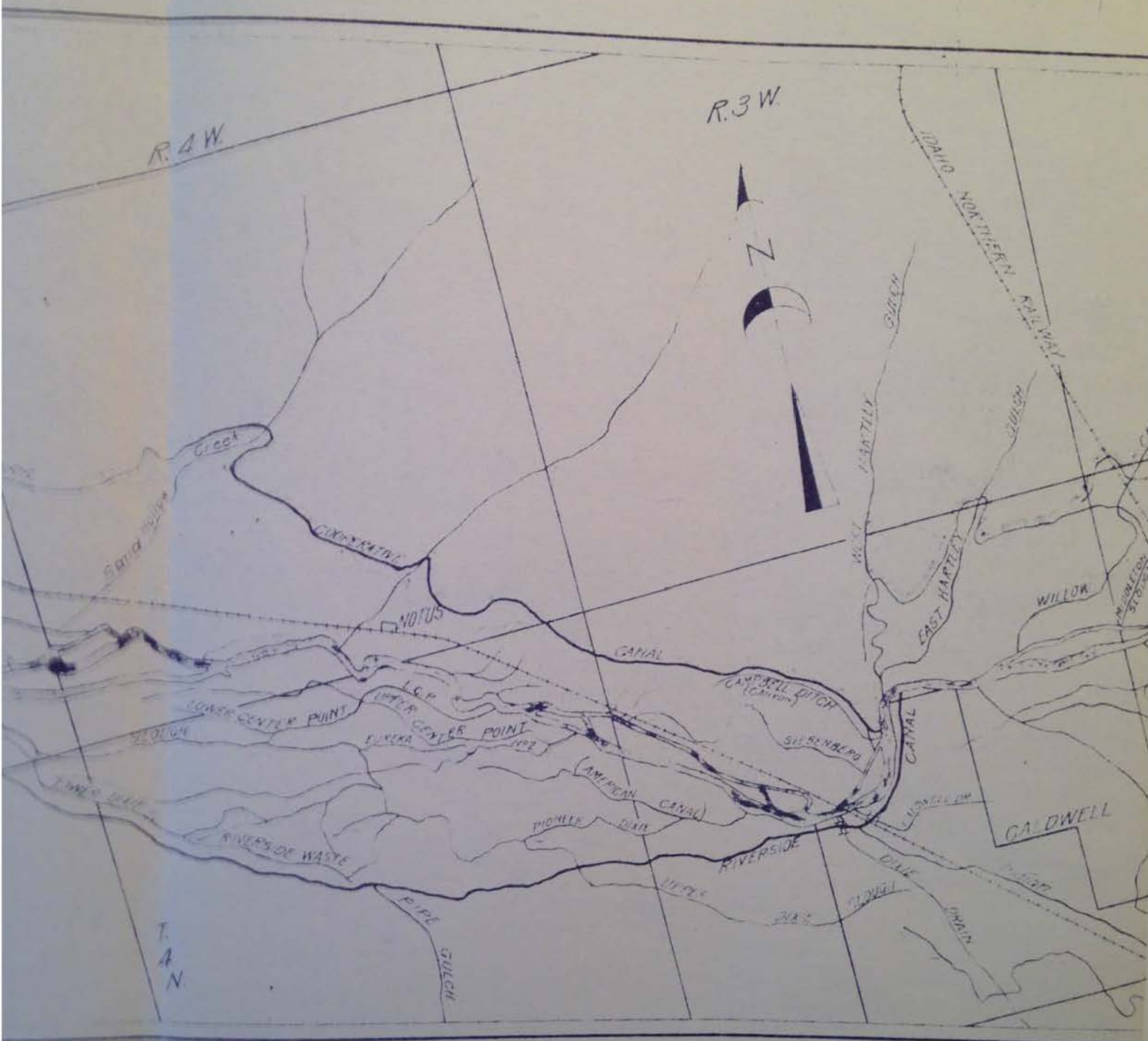
OREGON IDAHO
BOUNDARY LINE

1887

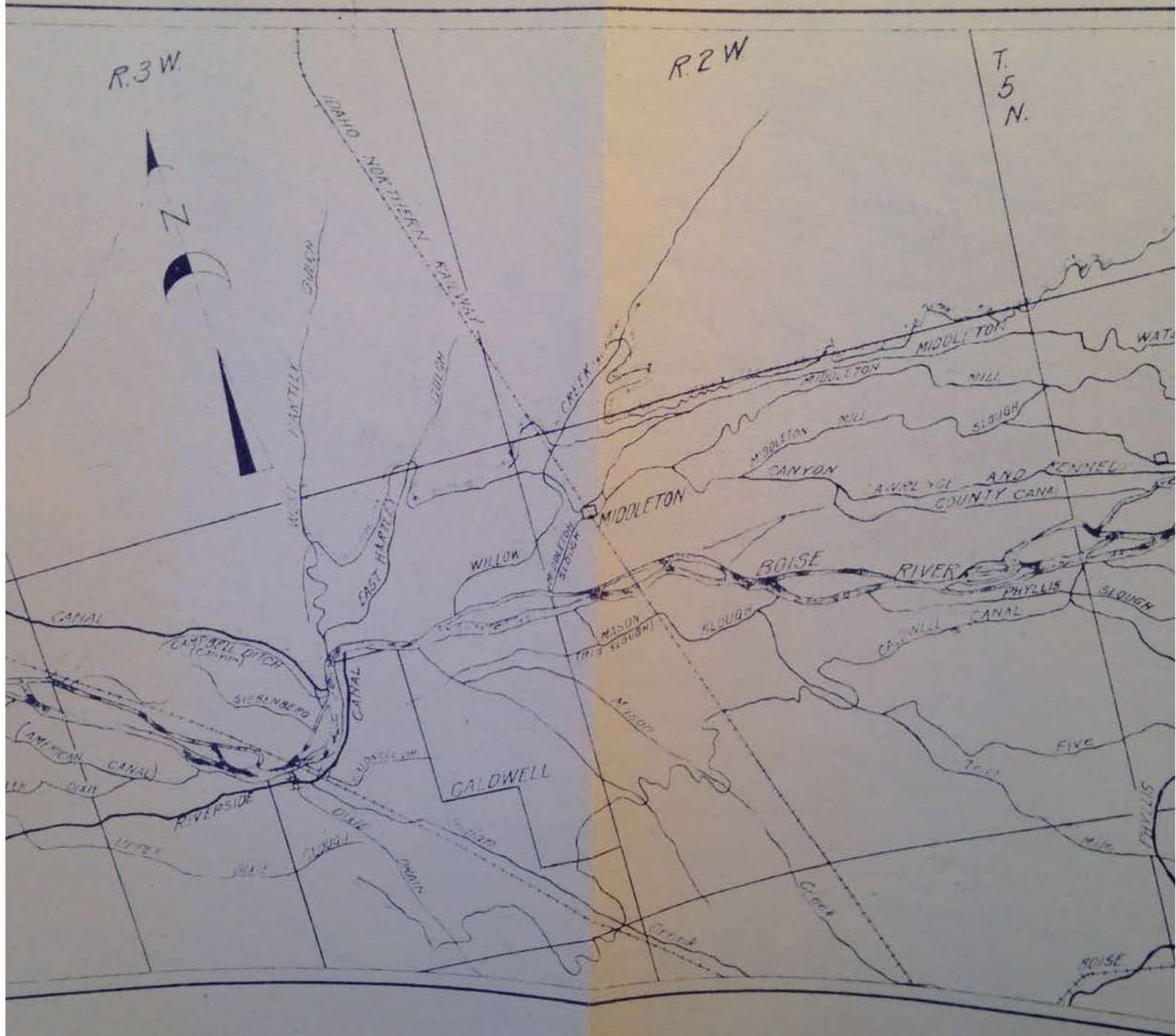
R. 4 W.

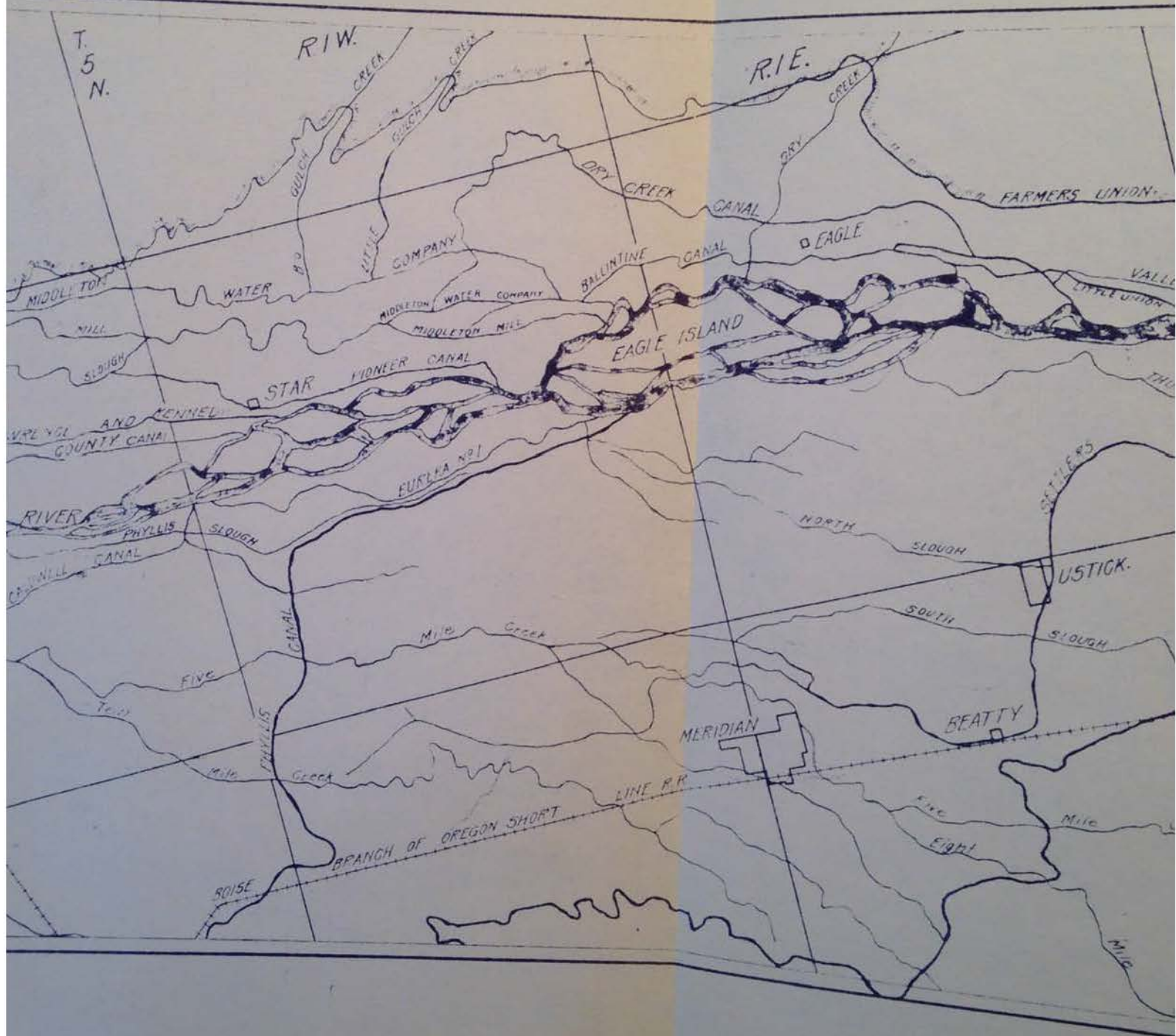
R. 3 W.

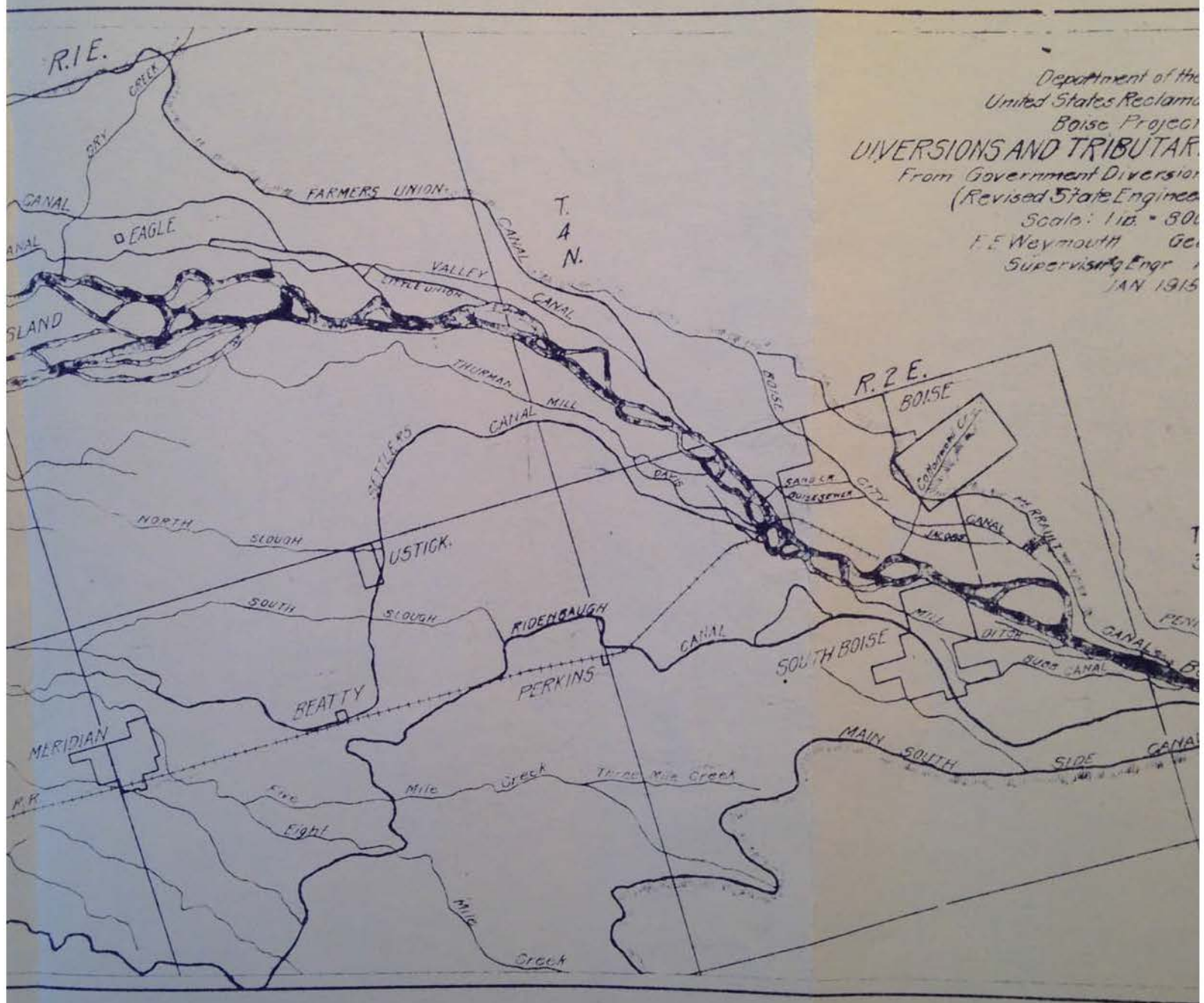
IDAHO
NORTHERN
RAILWAY



T. 4 N.







Department of the
United States Reclamation
Boise Project
DIVERSIONS AND TRIBUTARIES
From Government Diversion
(Revised State Engineer)
Scale: 1 in. = 300
F.E. Weymouth, Gen.
Supervising Engineer
JAN 1915

Department of the Interior
 United States Reclamation Service
 Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER
 From Government Diversion Dam to Snake River
 (Revised State Engineers Map of 1904)
 Scale: 1 in. = 3000 ft.
 F.E. Weymouth George H. Bliss
 Supervising Engineer Project Managers
 JAN 1915



NATURAL FLOW OF

BEGINNING

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	953	664	662	690	704	967	890	959	778	857	761	699	622	926	1076	929	927	878	884
1942	612	612	612	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	731	1306	866
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1550	1636	1300	1100	1315
1944	998	895	979	759	575	685	876	673	670	671	674	676	684	688	962	934	945	1042	827
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1305	1169	1052	1034
1946	2583	2013	2128	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057	983	866	1214	1246	1157
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052	788	753	786	733	1073
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842	940	948	964
1949	866	878	818	730	730	825	800	822	861	868	773	760	777	824	830	850	841	814	785
1950	641	735	654	772	509	645	847	894	903	955	952	707	558	884	624	760	832	706	767
1951	1130	993	1241	1259	997	1017	1000	748	949	1190	1294	1188	1361	1167	1124	1230	1404	1165	1058
1952	799	526	852	469	1009	989	898	1152	1046	936	1195	1463	1735	904	1285	1544	1618	581	1254
1953	776	694	1345	786	691	810	1165	731	1103	1275	1657	1090	1736	2377	1738	1741	1662	2309	4536
1954	809	936	940	954	954	962	997	945	910	893	860	955	911	874	846	824	831	862	885
1955	853	737	700	698	698	724	736	741	744	746	752	754	755	754	758	774	791	805	818
1956	2721	2662	2611	2605	2454	2272	1972	1955	1790	1787	1688	1702	1865	1891	2179	2652	3282	4416	3354
1957	943	963	1057	768	720	714	741	747	748	790	817	882	985	1079	969	930	880	821	792
1958	850	590	490	490	530	604	680	732	747	898	992	1220	1153	1120	914	875	852	852	832
1959	968	1005	1073	922	704	698	899	1055	1277	1205	1151	1101	1319	1317	1439	1567	1511	1330	1353
1960	724	726	735	758	772	890	942	1048	971	995	966	1059	983	1024	911	790	794	715	660
1961	641	724	731	754	707	670	673	667	673	704	762	745	736	728	742	720	716	709	664
1962	742	714	654	682	777	841	1009	1194	1377	1345	1046	1024	913	931	848	847	791	916	1002
1963	756	1107	1063	1052	910	681	401	732	619	921	663	347	276	367	498	881	820	800	750
1964	847	803	1015	712	672	828	1147	836	670	579	748	788	775	634	544	866	770	934	991

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

JANUARY

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1	926	1076	929	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
2	946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
3	1519	1550	1636	1300	1100	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
4	688	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752	24,706
5	1300	1461	1305	1169	1052	1034	1035	704	830	739	663	815	806	737	774	772	684	876	28,135
6	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
7	1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	913	921	986	908	30,181
8	866	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
9	824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
10	884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1237	1251	1182	1271	1019	833	31,594
11	1167	1124	1290	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	1118	35,328
12	904	1285	1544	1618	581	1254	1132	974	966	1375	1249	1257	987	1452	976	1089	1109	1379	34,200
13	2377	1738	1741	1662	2309	4536	3814	2852	2266	1732	1452	1546	1525	1085	1647	1698	1258	1544	50,641
14	874	846	824	831	862	885	897	967	942	919	1023	1023	1127	1219	1272	1327	1422	1482	30,768
15	754	758	774	791	805	818	815	851	846	821	826	804	752	745	740	721	738	744	23,741
16	1891	2179	2652	3282	4416	3354	3066	2933	2838	2771	2743	2568	2359	2215	2149	1602	1435	1220	73,757
17	1079	969	930	880	821	792	837	856	882	949	945	915	947	749	737	743	744	774	26,324
18	1120	914	875	852	852	832	848	808	825	839	848	864	932	1095	1123	1110	1120	1008	26,841
19	1317	1439	1567	1511	1330	1353	1231	1140	1073	1046	1121	1280	1489	1507	1756	1582	1586	1529	38,233
20	1024	911	790	794	715	660	674	652	690	771	806	801	821	883	862	791	795	823	25,832
21	728	742	720	716	709	664	593	515	548	618	657	701	669	649	666	675	723	747	21,227
22	931	848	847	791	916	1002	843	733	702	714	759	771	799	887	910	912	802	732	27,277
23	367	498	881	820	800	750	718	762	466	784	551	524	707	960	111	890	750	939	21,806
24	634	544	866	770	934	991	1356	756	797	798	842	1009	966	908	916	741	805	1032	26,085

NATURAL FLOW OF BOIS

BEGINNING 194

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041	1151
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1283	1152	1118	861	997	1179	1011	892	739	753
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944	2154
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	979	842
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396	1329
1946	1093	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956	1237
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145	1786
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227	1411
1949	759	801	827	862	873	883	885	890	862	832	801	770	734	669	682	694	682	691	753	792
1950	833	747	675	1415	1134	1344	1272	1181	1267	1258	1091	990	1165	917	1112	1199	1205	1202	1207	1299
1951	757	835	945	1261	2237	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334	2198
1952	900	1762	2068	1842	1607	1437	1290	1466	1611	1620	918	1342	1323	1272	921	1187	1743	1714	1215	1310
1953	1127	1301	1834	2664	2913	2320	2082	2300	1921	1761	1697	1535	1519	1455	1550	1329	1416	1404	1398	1550
1954	1482	1472	1434	1434	1347	1290	1290	1329	1329	1406	1431	1654	2038	2230	2218	2103	1966	2002	1715	1663
1955	644	502	451	422	495	563	734	968	982	898	795	721	718	721	725	754	823	779	795	764
1956	1201	1210	1211	1368	1774	2202	2563	2693	2863	3147	2463	2120	2017	1798	1686	1358	1311	1380	1402	1448
1957	850	924	924	935	942	954	972	981	939	901	938	957	966	967	1040	1047	1095	1079	1039	1073
1958	1008	1012	1012	1015	1026	1034	1098	1104	1126	1158	1211	1217	1392	1937	2689	3463	3104	2950	2949	2982
1959	1393	1354	1206	1106	1039	1191	1229	1257	1191	1138	1169	1152	1036	967	1072	1078	1137	1313	1389	1471
1960	793	887	915	961	955	1001	1277	1802	2714	2270	1409	1453	1246	1147	1005	992	996	965	901	840
1961	935	1092	1042	898	815	821	842	892	976	1103	1236	1568	1449	1363	1248	1020	1151	1073	1034	1034
1962	758	726	887	886	1034	900	932	978	1203	1226	1746	1874	2337	2535	2174	2248	1836	1814	1640	1552
1963	1684	6541	4042	6708	5525	4627	3771	3176	2849	2477	2313	2004	1831	1691	1815	1662	1636	1489	1594	1682
1964	948	838	1200	895	668	748	821	646	818	1225	804	653	920	1042	850	903	1205	527	1116	963

NATURAL FLOW OF BOISE RIVER

CHART NO. 2

BEGINNING 1941

FEBRUARY

4	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
18	1123	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
51	997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
45	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
85	906	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
31	2857	2051	1874	1530	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062
61	1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,902
23	2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
02	970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
69	682	694	682	691	753	792	841	846	846	871	901	916	929	945				22,837
17	1112	1199	1205	1202	1207	1299	1223	1221	1410	1412	1935	2020	1996	1975				35,705
54	3175	2295	2409	2301	2334	2198	1937	2059	1828	1815	1678	2314	1528	2020				63,068
72	921	1187	1743	1714	1215	1310	1183	1269	1206	1264	942	1120	949	1511	721			38,754
55	1550	1329	1416	1404	1398	1550	1008	1069	1316	1356	1257	811	1271	1116				44,280
20	2218	2103	1966	2002	1713	1663	1529	1410	1614	1627	1714	1886	1904	2120				46,637
721	725	754	823	779	795	764	721	730	730	738	760	760	763	767				20,223
798	1686	1358	1311	1380	1402	1448	1590	1615	1650	1690	1703	1588	1590	1842	1772			52,255
967	1040	1047	1095	1079	1039	1073	1183	1198	1403	2437	3446	4399	6586	6265				46,440
937	2689	3463	3104	2950	2949	2982	3045	2915	2809	3325	3682	4557	3324	2774				60,918
967	1072	1078	1137	1313	1389	1471	1401	1337	1291	1355	1421	1482	1581	1093				34,831
147	1005	992	996	965	901	840	805	958	784	735	886	982	1040	861	865			32,445
363	1248	1020	1151	1073	1034	1034	1021	1015	1001	984	945	950	953	954				29,415
535	2174	2248	1836	1814	1640	1552	1450	1396	1226	1341	1230	1154	1050	1030				39,163
691	1815	1662	1636	1489	1594	1682	2339	1854	1567	1700	1569	1611	2037	1767				73,561
042	850	903	1205	527	1116	963	1052	977	1060	1113	1096	936	857	1007	1042			26,930

YEAR																				MARCH
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	1967	194
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1688	1527	1468	1432	141
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606	2820
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446	1395
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304	1172
1946	1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2803	4144
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387	4397
1948	1087	1173	1121	1096	966	976	973	994	997	978	994	1005	1015	1087	1060	1126	1145	1137	1121	1086
1949	1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890	2995	3221
1950	2698	2310	2377	2328	2154	2618	2476	2333	2250	2232	1929	1679	1486	1615	1505	1502	2181	3880	4755	3658
1951	1694	1714	1419	1608	2076	1084	1520	1410	995	1322	1138	1413	1368	1360	1491	2022	1927	1587	1719	1817
1952	1278	1325	916	1271	956	864	668	1288	1202	1187	1670	901	1329	853	1348	1688	1028	1861	1725	1653
1953	1423	1403	1427	1099	1399	1165	1474	976	1628	1622	1895	1871	2153	1965	1655	1796	1786	1337	1783	1997
1954	1774	1611	1518	1518	1427	1521	1754	1924	3798	5880	5016	4112	3737	2692	2544	2454	2346	2226	2219	2014
1955	760	812	873	913	1005	1026	994	993	969	912	859	821	805	764	779	819	833	838	850	851
1956	2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	1314	1314	1473	1789	1791	1952	2158	2508	3242	3040
1957	4123	3591	3195	2692	2752	2847	2741	2633	3376	3825	2272	3425	3264	2610	2484	2356	2937	2692	2435	2677
1958	2711	2292	2014	1534	1587	1521	1427	1362	1364	1407	1669	1533	1372	1187	1512	1492	1402	1515	1484	1466
1959	1304	1346	1488	1414	1456	1460	1446	1365	1687	1448	1322	1321	1212	1254	1177	1294	1185	1177	1474	1309
1960	765	751	820	881	1114	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	1605	2169
1961	1077	866	1028	766	1007	951	920	802	721	1030	889	760	1072	1030	1201	1853	1979	1822	1679	1707
1962	1049	1197	1208	1224	1313	1182	1182	1263	1223	1064	1048	1098	1145	1117	1013	937	938	1013	1065	1488
1963	1852	1424	1539	1426	1257	1316	1275	1289	1294	1300	1230	1406	1289	1145	1097	1202	1178	1097	1050	1099
1964	1148	1300	1086	826	1021	1092	1000	921	880	942	914	991	952	976	930	898	898	1053	1260	1057

MARCH

CHART NO. 2

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
180	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
479	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
012	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
566	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
490	2946	3093	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
060	1126	1145	1137	1121	1086	1063	1001	1117	1133	1421	1342	1344	1381	1543	2076	2080	36,698
2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
1505	1502	2181	3980	4755	3658	3185	3006	2879	2729	2772	2856	2715	2552	2323	1969	2237	77,279
1491	2022	1927	1587	1719	1817	1816	2533	2602	2415	2518	3130	2454	4455	4220	3470	3782	64,079
1348	1688	1028	1861	1725	1653	1838	2779	2086	1330	810	2856	2991	3509	3384	3961	2586	53,141
1655	1796	1786	1337	1783	1997	1871	1495	2015	1876	2659	2967	2939	2966	3409	3928	5376	63,355
2544	2454	2346	2226	2219	2014	2091	2050	1988	1943	1880	1942	2143	2397	2149	2104	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
2484	2356	2937	2692	2435	2677	3212	3828	3741	3487	3167	3046	3121	2881	2964	3572	4101	97,046
1512	1492	1402	1515	1484	1466	1708	2345	3029	2885	3276	3070	2727	2801	2940	2748	2967	62,347
1177	1294	1185	1177	1474	1309	1360	1425	1414	1544	1849	1722	1847	1942	1987	1984	2058	46,271
1246	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415
1201	1853	1979	1822	1679	1707	1843	1771	1679	2573	2414	2072	2459	1909	1971	1713	2051	45,615
1013	937	938	1013	1065	1488	1448	1494	1430	1451	1420	1506	1866	1960	2057	2053	2084	41,536
1097	1202	1178	1097	1050	1099	1040	1268	1551	1550	1465	1341	1408	2060	3680	2616	2208	45,952
930	898	898	1053	1260	1057	1249	1406	1255	1053	1190	1462	1286	1259	1359	1600	2345	35,609

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215	8731	9411	8204	6527	6620	6098
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18206	16138	16191	18504	20265	21625	22310	23229	25040	23312
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2976	3092	3326	2841	2721	2302	2377	2310	2015
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445
1946	6008	4982	4552	4717	4841	5215	6160	6164	6222	5847	5218	5919	7596	10219	12352	13581	14780	17389	18812
1947	4810	4145	4006	3747	3576	3468	3305	3129	2954	2778	2635	2807	3063	3230	4470	5633	6148	6379	6440
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413
1950	2888	3787	4628	4125	4107	3894	4251	4659	5177	4667	5832	5720	6521	7448	7513	7141	8013	8713	9288
1951	3624	3474	4934	5892	7194	8135	9860	10722	10962	10961	10650	9941	9844	11505	11254	13094	10778	11156	11617
1952	3257	3410	3389	3710	4755	6639	8222	9276	7782	6988	6943	7144	8421	9827	10983	9842	10395	12428	14861
1953	4682	3871	3824	4380	4381	4103	4956	3346	3502	3669	2558	2560	2634	2480	1840	2836	2255	3181	3909
1954	1904	1625	1758	2259	3169	4883	5109	4388	4362	4285	4049	4072	4879	6936	7451	7233	7499	9196	10069
1955	1161	1221	1221	1230	1285	1641	1927	2300	2280	2297	2591	2482	2364	2284	2054	1886	1821	1952	2105
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132
1958	2910	3061	3506	3911	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371	6712	7606	8555	9242
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5227	4912	4487	3814	3799
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2297	2346	2087	3175	4469
1962	2688	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4455	5557	6996	8598	8570	8559	9027
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3959	4432	3516	3092	2913
1964	3694	4487	3919	3680	4020	4352	3938	3744	3812	4341	5212	5891	4233	3896	4063	4865	5505	4471	4524

APRIL

CHART NO. 2

5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
36	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
11	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
25	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
21	2302	2377	2310	2015	2274	2185	2848	2613	2821	3624	3471	3330	3282	3712	4231		82,000
96	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		101,184
52	13581	14780	17309	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
70	5633	6148	6379	6440	6284	6171	6313	6123	6002	5480	5356	5760	6191	6991	7300		144,699
18	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
90	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
13	7141	8013	8713	9288	8968	9687	11164	11175	11063	8717	8276	7747	7186	6576	6012		204,893
54	13094	10778	11156	11617	11612	9103	9634	8658	7951	8088	7476	7865	8281	11574	11017		276,856
83	9842	10395	12428	14861	14611	12836	12801	13075	13849	16380	18536	22122	23239	21444	18794		335,949
40	2836	2255	3181	3909	3581	6299	7202	9882	9941	10534	9021	9668	11656	12779	9568		165,098
51	7233	7499	9196	10069	9628	8428	8032	8010	8131	8461	8924	8890	9496	9340	8555		191,021
54	1886	1821	1952	2105	2166	2375	2690	2892	3215	2826	2489	2241	2489	2624	2802		64,911
61	12390	13489	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13854	13131	11892		318,251
43	6944	6696	6323	6132	6122	6532	6317	6556	6892	6880	6234	5500	5385	5949	7427		180,628
71	6712	7606	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565		161,884
27	4912	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025		138,367
22	5500	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3885		179,494
27	2346	2087	3175	4469	4050	3214	3265	3260	2072	2364	2358	2186	2368	2765	2835		86,032
96	8598	8570	8559	9027	10169	11343	9548	8780	8620	9355	8675	8000	8306	8152	6612		203,928
59	4432	3516	3092	2913	3106	2831	2487	2413	2531	2412	2571	2858	3276	3528	4028		90,149
63	4865	5505	4471	4524	4556	4945	5258	5310	4826	3814	3665	3757	3326	3702	5277		131,083

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5127	7386	8408	7496	6193	5543	5536	5708
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	3906
1943	13118	14472	15282	15085	15650	14752	21884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	6906
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	5688
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	6601
1946	11798	10583	10259	10837	12416	13481	12844	13260	12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	10750
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	7143
1948	4839	4538	3728	4393	4204	4307	5353	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750
1949	8043	7824	7289	6740	6507	6212	6294	7196	8178	9129	9835	10188	11441	11785	12313	12729	11484	11045	11133
1950	5296	6068	5497	6494	5131	5004	4335	4258	5085	4557	5345	5562	6933	9553	11897	13385	13675	12924	12287
1951	9164	8318	7239	7238	7299	8201	9732	12301	11980	12087	12460	13367	12371	10540	11714	8739	9745	10377	11258
1952	14338	14047	16513	18001	18954	15799	16476	15533	15390	15081	14556	13358	16047	16502	16169	14231	12343	11652	12801
1953	7935	6442	5512	5136	4791	6975	7413	8286	7592	6106	6086	5339	5084	5266	5493	5817	6208	7529	7120
1954	7364	6445	5803	6282	6125	8165	8936	9704	10855	11776	13308	12853	11978	11087	9993	10824	11422	12411	12226
1955	3296	3601	4040	4105	4134	5011	6697	7088	8417	8309	7939	7918	7917	7326	6984	5892	4734	4318	4549
1956	10218	10200	9871	10211	10496	10826	11384	10702	11094	11328	10238	9987	8960	8698	7923	8258	9716	11258	14370
1957	9410	10872	11712	11176	10375	9666	11186	12224	12850	12759	13083	12804	13328	13687	13505	13044	13377	13270	16619
1958	4928	6924	8263	9839	11248	13513	14715	13949	13445	14578	15390	17413	17483	14213	12587	12839	12626	15234	17097
1959	5870	7805	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040	7963	7080	6054
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6909	8763	10699	11842	11130	8927	7912	7473	6667	6028
1961	3605	3983	4617	4084	4042	3808	3334	2429	3246	2857	4098	3591	3619	3057	3477	4048	3907	4219	3877
1962	5923	5454	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872	5189	5656
1963	5324	5703	5653	5674	5329	5798	6273	6450	6695	6577	6139	5546	5105	5078	4751	4947	5387	5940	6881
1964	7016	7799	6326	5226	4862	4139	4017	4340	4358	4562	5850	6130	6761	7602	8271	8506	9883	9949	9920

MAY

CHART NO. 2

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
4093	3815	3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,838
7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
7270	6542	5688	5076	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6452	6932	7120	236,573
9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
11484	11045	11133	10828	10219	9157	8361	8248	7608	8249	8084	9373	9402	9520	9017	283,431
13675	12924	12287	9602	8307	10851	12138	13535	13021	11443	11009	11542	11799	11588	11627	279,748
9745	10377	11258	11542	11650	11353	12580	12793	13796	12825	12596	13931	14035	12879	10811	344,921
12343	11652	12801	12544	13861	13676	12967	11778	13056	14007	15740	13838	14449	13520	12560	449,787
6208	7529	7120	9544	9170	7865	7045	6758	5485	5115	4725	4821	8049	6183	6898	201,788
11422	12411	12226	13404	14699	13747	11000	9763	9044	8390	7863	6614	5783	5228	4974	298,066
4734	4318	4549	5889	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712	198,635
9716	11258	14370	15780	16976	18860	19581	20134	22949	20931	19423	19484	17472	16500	16839	420,677
13377	13270	16619	16751	16930	12150	11422	10232	9262	8974	9657	10360	11241	12253	12790	376,969
12626	15234	17097	18188	21254	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326	473,187
7963	7080	6054	5228	4541	4930	4240	4322	4512	4193	4039	4271	4133	3980	3901	165,797
7473	6667	6028	5170	5073	4941	4367	4461	3891	3735	3766	3948	4148	4736	5599	187,181
3907	4219	3877	4241	5448	5761	5954	6612	7773	7721	7830	7495	6624	6442	7610	149,409
5872	5189	5656	6199	6284	6047	5717	6431	7609	7251	7021	6491	6557	6308	6731	203,229
5387	5940	6881	8164	8736	9586	10149	11480	11183	10794	10233	9380	9276	9198	9029	226,458
9883	9949	9920	10055	10938	10763	9732	8614	7798	7008	7457	7523	7869	7611	7757	228,640

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612	44
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420	51
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871	1251
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506	358
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806	646
1946	7950	7533	7764	9114	10131	9775	8965	8249	7785	7505	7573	6965	6209	6199	6482	6365	5913	5539	5244	503
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4395	4743	4539	4785	4962	5051	5334	510
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495	4911
1949	8708	7602	6441	5588	5222	5867	5323	6598	6795	7171	7009	7447	6908	6266	5531	4828	4980	4145	3728	3703
1950	10066	10139	10220	10932	10648	10879	11713	11063	9479	8073	7511	8098	8915	7834	8115	8634	9085	9759	8926	9710
1951	9487	8497	7265	6970	6227	7755	6914	6277	5708	5396	5479	6034	7203	7536	8584	9851	10513	9966	9533	8704
1952	12410	11338	11735	13212	13470	13830	13581	13783	12050	12664	10948	10492	7839	7788	7471	7157	6311	6538	5654	6755
1953	7569	8636	9229	9010	9655	9255	8956	8815	8799	8842	9178	10758	13803	14870	12978	11011	10254	12398	12700	11478
1954	5160	4757	4385	3988	4415	4803	4595	4456	4422	4339	4657	4615	4424	4644	5219	6412	6807	5971	5393	5339
1955	6794	6665	6080	6046	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	5687	6408	5760	5810
1956	18157	18236	16328	15324	13784	11825	10740	10140	10421	11121	11715	11500	10650	10277	9793	9658	7847	7102	6561	7223
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7867	6622	6285	5575	5046	5144	5582
1958	12658	11471	10461	10328	9988	9513	10055	10402	10499	10045	9345	8848	9282	8774	8230	7494	8033	8428	8462	8155
1959	3978	3782	4244	4701	5361	6151	7024	7529	7633	7502	7001	6361	6257	6509	7003	7660	7663	7262	6877	6500
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575	4208
1961	6072	5981	6129	5680	5377	5919	5686	5769	5392	5475	4961	4923	5095	3585	4531	3622	3459	3333	3142	2892
1962	6631	6960	7599	8823	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671	7908
1963	9315	8852	8018	7732	7905	7631	6881	6681	6484	7143	6352	6110	6453	7112	7817	8486	8495	8559	7644	7509
1964	6911	7508	8650	8393	8594	8456	9027	9249	8072	7337	6629	6329	5640	5471	5789	6545	8214	7688	7064	6263

JUNE

CHART NO. 2

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3468	3540	3407		189,412
4362	5051	5334	5103	4813	4215	3548	3663	3798	3631	3738	3439	2971	2842		148,619
6428	5872	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
4980	4145	3728	3705	3597	3301	3091	3292	3073	3074	2960	2558	2418	2328		150,554
9085	9759	8926	9710	9794	10313	10051	8978	7663	6895	5212	6531	7034	8135		270,405
10513	9966	9533	8704	8506	7928	7135	6408	6370	5833	6263	5806	5949	5691		219,788
6311	6538	5654	6755	6336	5380	5598	5239	5328	5419	5276	5236	4724	5238		259,400
10254	12398	12700	11478	10079	9372	9297	9415	9046	7988	6975	6975	6895	7246		291,782
6807	5971	5393	5339	5530	6370	6893	7728	7691	7579	9807	8406	6267	6387		171,559
5687	6408	5760	5810	6345	6853	6183	6245	5718	4168	4196	3928	3926	4004		209,580
7847	7102	6561	7223	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603		291,292
5575	5046	5144	5582	5863	5551	5085	4971	5504	4690	5019	5141	5358	5073		259,006
8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083		250,783
7663	7262	6877	6500	6485	6429	6326	6113	5764	5482	4985	4572	4104	3620		181,078
5860	5021	4575	4208	3939	3374	3303	3094	3080	2997	3013	2624	2403	2652		166,675
3459	3333	3142	2892	2500	2296	1987	1932	1762	1738	1707	1359	1273	1116		114,693
8035	7180	7671	7308	8388	7736	7496	6954	6273	6728	6529	5658	5148	4655		212,699
8495	8559	7644	7509	7389	7767	6572	5182	5102	4624	4128	4222	4718	4569		205,952
8214	7688	7064	6263	5613	5641	4962	5106	5478	6052	6564	6288	5414	4981		203,928

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1941	2322	2243	2039	1927	1952	1710	1674	1575	1513	1437	1337	1296	1213	1239	1233	1251	1217	1219	1147	11
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108	2075	1899	1811	1790	1696	1591	15
1943	10045	9693	9137	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5338	5040	5053	4694	4405	4363	42
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1857	1698	1642	1590	1519	1482	1511	1455	1401	131
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555	2355	2179	2136	2081	1791	1789	170
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2373	2385	2246	1949	1915	1811	1658	1687	1744	1645	153
1947	2727	2594	2681	2701	2632	2476	2407	2450	2533	2120	2258	2132	1840	1871	1856	1816	1783	1801	1678	149
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1736	1500	1565	1577	1497	1354	1350
1949	2345	2243	2200	2079	2070	2094	2268	2117	1900	1699	1705	1663	1639	1500	1431	1390	1295	1296	1155	1083
1950	8217	8402	7729	7180	6707	6330	6036	5799	5235	4788	4579	4039	3874	3507	3215	3369	3035	2818	2518	2402
1951	5444	5457	5231	5184	5226	4489	4507	4060	3758	3821	3636	3409	3003	2998	2845	2941	2681	2766	2443	2407
1952	5148	4151	3933	4258	3817	3764	3846	3333	3218	3076	3153	3534	3350	3127	2507	2564	2220	2354	2504	2121
1953	7247	7169	6740	6586	6778	6462	6786	6035	6033	5369	5284	5022	4683	4618	4453	3795	3274	3260	2872	2699
1954	5059	4927	4530	4360	4450	4445	4158	4178	3573	3417	2920	3120	2958	2706	2848	2893	2686	2509	2463	2045
1955	3573	3184	2743	2676	3036	2560	2432	2283	2303	2361	2751	2133	2506	2465	2116	2312	2027	2196	1963	1824
1956	5241	4804	4459	4281	3976	3925	3941	3803	4020	3267	3584	3423	3858	3354	3340	3070	2439	2619	2617	2203
1957	4756	4563	4422	3840	3605	3351	3239	2994	2949	2714	2453	2702	2577	2036	2372	2286	1967	1815	1697	1672
1958	4113	3444	3513	3324	3253	3197	2988	2733	2786	2580	2621	2242	2188	2170	2145	1957	2025	1977	2034	1820
1959	3049	2511	2563	2622	2476	2299	2350	2239	2162	1850	1836	1945	1737	1701	1512	1685	1533	1341	1394	1406
1960	2124	2136	2040	1947	2087	2086	1700	1751	1572	1647	1470	1423	1218	1275	1230	1236	1115	1258	1131	983
1961	975	948	1290	1291	1274	1278	1189	1123	1063	1062	976	961	960	926	875	848	749	733	727	
1962	4588	4326	3991	3533	3329	2993	3096	2914	2549	2827	2431	2345	2388	2241	2261	2074	1950	1682	1677	1647
1963	3998	3563	3599	3904	3691	3719	3327	3187	3107	3029	2802	2678	2461	1975	2595	2369	2138	1952	1565	2216
1964	4714	4550	4525	4187	3895	3671	3589	3167	3082	3028	2813	2609	2443	2385	2277	2153	1898	2106	1857	1805

JULY

CHART NO. 2

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1233	1251	1217	1219	1147	1113	1090	1041	994	966	947	900	891	1141	1079	1040	920		41,666
1899	1811	1790	1696	1591	1530	1473	1450	1417	1356	1337	1280	1290	1198	1161	1151	1045		68,726
5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638		179,799
1519	1482	1511	1455	1401	1317	1284	1347	1321	1293	1251	1259	1179	1149	1118	1029	1024		53,151
2179	2136	2081	1791	1789	1709	1623	1644	1504	1535	1447	1328	1282	1212	1209	1232	1191		69,904
1811	1658	1687	1744	1645	1532	1456	1553	1504	1382	1342	1286	1333	1380	1414	1356	1285		63,597
1856	1816	1783	1801	1678	1494	1436	1402	1356	1253	1209	1146	1140	1105	1006	1052	1092		57,047
1500	1565	1577	1497	1354	1350	1365	1348	1296	1181	1125	1020	920	914	969	968	864		53,489
1431	1390	1295	1296	1155	1083	1083	1080	1099	1043	973	927	925	945	930	894	878		45,949
3215	3369	3035	2818	2518	2402	2319	2270	2040	2003	1953	1902	1736	1862	1755	1678	1559		120,856
2845	2941	2681	2766	2443	2407	2338	2136	2153	1912	1688	1946	1715	2222	1676	2212	1541		97,845
2507	2564	2220	2354	2504	2121	2195	1904	2106	1990	1964	1658	1702	1727	1595	1745	1668		86,232
4453	3795	3274	3260	2872	2699	2313	2436	2277	2097	2154	1909	1883	1881	1785	1593	1679		127,172
2848	2893	2686	2509	2463	2045	1967	2100	1813	1838	1833	1802	1693	1692	1664	1442	1389		89,478
2116	2312	2027	2196	1963	1824	1660	1616	1597	1624	1628	1422	1295	1371	1444	1444	1424		65,969
3340	3070	2439	2619	2617	2203	2504	2517	2361	1953	1953	1952	1933	1975	1902	1896	1778		94,948
2372	2286	1967	1815	1697	1672	1751	1647	1587	1464	1439	1373	1373	1348	1344	1395	1422		74,153
2145	1957	2025	1977	2034	1820	1808	1779	1840	1685	1687	1594	1535	1576	1489	1527	1603		71,233
1512	1685	1533	1341	1394	1406	1230	1373	1238	1175	1085	1093	1056	1040	988	984	975		52,448
1230	1236	1115	1258	1131	983	947	1019	1011	936	924	832	738	739	776	684	752		40,787
926	875	848	749	733	727	729	760	756	750	726	700	686	760	778	781	775		28,410
2261	2074	1950	1682	1677	1647	1631	1613	1512	1502	1459	1441	1574	1555	1532	1484	1311		71,456
2595	2369	2138	1952	1565	2216	1769	1624	1606	1690	1171	1802	1460	1420	1351	1334	1282		74,384
2277	2153	1898	2106	1857	1805	1549	1557	1453	1408	1667	1211	1226	1359	1360	1432	1497		76,473

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	943	873	856	848	786	713	736	738	716	702	682	1339	1262	1140	899	839	852	890	1240
1942	1051	1009	1000	1009	967	972	930	893	929	862	878	784	756	742	745	729	674	688	648
1943	2477	2514	2409	2330	2308	2173	2044	1875	1896	2060	1656	1539	1630	1644	1636	1618	1594	1521	1514
1944	1012	1000	1042	1027	1002	956	859	783	814	790	770	767	687	650	649	638	631	634	626
1945	1093	1020	1077	1025	961	978	949	1246	915	915	970	929	912	882	814	799	769	750	759
1946	1283	1291	1282	1249	1224	1116	1099	1089	1088	963	934	901	896	854	844	847	814	794	753
1947	1040	1022	973	900	909	872	838	748	790	737	721	714	644	654	663	672	637	619	613
1948	870	957	887	823	745	884	935	836	848	825	848	859	792	745	734	737	753	742	723
1949	838	785	764	646	594	604	557	571	625	625	608	662	707	727	767	764	828	831	763
1950	1656	1530	1525	1401	1552	1840	1590	1597	1274	1350	1471	1447	1300	1400	1136	1127	1017	1026	949
1951	1515	1605	1521	1630	1721	1769	1389	1309	1260	1341	1190	1379	927	1130	968	867	817	1110	825
1952	1300	2104	1336	1564	1186	1213	1262	1487	1344	1243	1214	1188	998	1393	1495	805	823	1074	948
1953	1536	1670	1613	1409	1502	1490	1492	1230	1207	1197	1105	1105	1103	1102	1228	1193	1180	1048	1056
1954	1337	1312	1238	1240	1200	1192	1129	1206	1204	1180	1151	1134	1144	1141	1170	1180	1158	1055	996
1955	1282	1188	1107	971	955	864	993	930	942	994	1009	983	934	902	933	911	902	859	850
1956	1601	1476	1406	1438	1397	1350	1250	1234	1067	1036	1001	925	1009	999	841	809	841	794	841
1957	1343	1251	1170	1072	956	962	969	961	950	955	953	901	891	834	779	789	725	745	724
1958	1644	1641	1626	1468	1297	1268	1228	1165	1117	1108	1094	1059	1091	987	893	928	854	866	875
1959	1025	1059	1010	952	709	638	515	692	714	725	724	650	607	577	551	502	547	611	641
1960	836	794	938	893	881	838	763	721	682	634	681	636	591	624	526	511	616	627	748
1961	657	660	658	679	681	696	628	546	483	492	528	594	646	633	683	779	800	763	704
1962	1334	1277	1269	1243	1126	1152	1094	1082	956	931	964	912	960	906	869	845	838	724	721
1963	1062	1199	1146	1002	985	924	1025	1047	870	1159	1084	1005	748	947	888	607	759	886	816
1964	1218	1208	1101	1113	1110	1008	941	651	1218	824	801	812	919	831	630	704	691	785	451

AUGUST

CHART NO. 2

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
99	839	852	890	1240	962	832	879	800	714	860	776	781	787	749	724	686	26,603
45	729	674	688	648	611	596	625	597	623	626	596	605	568	578	593	603	23,487
36	1618	1594	1521	1514	1457	1400	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,878
43	638	631	634	626	616	581	542	536	547	534	523	529	518	537	539	503	21,842
14	799	769	750	759	726	727	710	714	720	679	646	623	584	583	590	588	25,658
44	847	814	794	753	780	735	768	802	804	835	861	868	876	874	834	829	29,187
63	672	637	619	613	589	579	586	569	555	586	567	546	521	510	553	598	21,525
734	737	753	742	723	679	690	670	679	684	680	677	667	652	644	636	628	23,529
767	764	828	831	763	718	654	611	594	572	560	551	566	544	539	556	541	20,262
136	1127	1017	1026	949	1001	994	1049	945	1009	1094	893	863	960	801	730	724	37,251
968	867	817	1110	823	759	841	1061	1072	835	1197	994	933	806	840	766	971	35,348
495	805	823	1074	948	1015	1137	980	1305	992	532	572	850	904	633	372	1099	34,368
228	1193	1180	1048	1056	1076	1035	1116	1035	1035	939	924	924	993	994	989	855	36,447
170	1180	1158	1055	956	995	931	1016	1009	1072	997	893	906	884	903	863	809	33,708
933	911	902	859	850	839	962	977	946	848	797	721	705	711	733	784	739	28,271
841	809	841	754	841	743	780	841	817	893	931	928	841	841	714	783	776	31,208
779	789	725	745	724	675	720	708	603	647	603	685	740	641	764	632	624	25,972
893	928	854	866	875	838	897	875	824	669	658	608	600	662	681	669	693	30,883
551	502	547	611	641	900	974	1025	1115	936	866	883	844	849	831	776	768	24,216
526	511	616	627	748	779	717	695	635	690	754	839	856	862	807	770	935	22,879
683	779	800	763	704	629	620	630	618	587	592	589	671	710	701	703	670	20,030
869	845	898	724	721	766	803	835	856	611	794	789	736	747	748	780	798	28,726
888	607	759	806	816	775	774	600	550	500	761	771	591	752	806	897	719	26,655
630	704	691	785	451	717	289	1027	788	689	700	689	391	448	768	688	836	25,046

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	658	634	632	650	640	655	646	627	643	655	653	642	669	698	742	747	740	727	686
1942	617	631	599	595	588	558	553	521	515	500	530	554	592	624	632	638	623	623	601
1943	1173	1175	1155	1136	1100	1076	1048	1022	1013	957	922	914	882	917	926	889	862	817	783
1944	476	473	489	551	574	627	650	640	645	603	568	557	517	509	487	455	477	474	547
1945	610	613	606	604	569	586	584	577	609	568	575	611	579	594	563	557	578	589	624
1946	804	741	722	720	681	710	724	794	869	865	824	778	717	695	654	661	670	725	793
1947	583	614	596	570	605	589	585	630	617	645	652	640	701	705	686	656	637	591	636
1948	620	612	606	610	616	620	616	620	620	559	560	570	630	603	592	581	525	507	499
1949	544	544	528	513	489	434	437	433	450	524	541	613	630	621	637	568	556	557	502
1950	811	714	821	642	508	516	496	541	1024	1752	1297	929	756	984	902	843	839	804	841
1951	756	841	1124	617	775	617	709	570	768	848	643	616	692	904	596	696	736	609	534
1952	874	711	1072	997	666	855	692	321	630	655	874	783	756	2173	1067	756	1032	687	716
1953	885	982	976	943	934	897	893	883	850	840	823	811	811	801	800	776	725	729	756
1954	797	742	704	683	679	637	635	617	576	628	644	699	697	664	773	774	754	849	871
1955	709	631	574	569	598	609	575	591	575	554	663	663	663	599	604	608	686	741	824
1956	838	890	885	830	882	862	990	1008	990	1003	1061	1055	1050	1054	1091	1050	967	952	885
1957	743	793	843	950	1013	1006	980	851	905	916	872	899	868	868	864	851	836	849	831
1958	777	732	824	920	1033	1148	1128	1076	958	977	997	936	1040	948	958	1061	1006	1004	878
1959	790	824	1025	976	921	812	788	570	618	678	587	696	874	999	1062	1242	1330	1302	1289
1960	872	747	680	685	1051	811	853	846	633	688	721	747	776	884	924	1003	910	853	815
1961	565	568	593	574	645	637	568	556	525	559	623	656	698	656	604	593	599	722	713
1962	838	842	779	789	768	809	819	801	789	736	731	771	817	839	841	857	859	848	821
1963	1037	1188	920	844	870	885	887	890	887	873	783	730	840	784	1015	864	798	898	969
1964	1017	1203	1251	941	715	827	1167	732	831	654	667	735	788	735	880	1167	1088	687	889

SEPTEMBER

CHART NO. 2

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	747	740	727	686	699	710	726	726	728	728	731	727	711	714	715		20,659
	638	623	623	601	620	635	652	666	615	604	572	557	575	536	544		17,670
	889	862	817	783	787	758	828	858	840	891	815	850	874	882	899		28,049
	455	477	474	547	606	663	707	689	672	658	636	624	630	620	560		17,384
	557	578	589	624	630	644	691	829	875	951	963	782	675	681	656		19,573
	661	670	725	793	857	893	893	889	892	827	783	742	681	682	681		22,967
	656	637	591	636	627	606	607	615	617	617	619	592	594	582	590		18,604
	581	525	507	499	474	508	483	504	538	562	590	725	757	806	760		17,873
	568	556	557	502	505	489	474	485	503	508	507	503	466	472	534		15,567
	843	839	804	841	850	846	769	716	712	678	700	750	801	852	938		24,632
	696	736	609	534	318	805	298	729	717	778	833	704	924	706	812		21,275
	756	1032	687	716	1311	1000	613	823	525	825	356	1466	1050	576	392		25,554
	776	725	729	756	751	773	822	789	774	708	651	606	604	604	617		23,814
	774	754	849	871	824	793	723	685	682	753	660	650	625	653	711		21,182
	608	686	741	824	840	725	693	608	651	804	821	862	844	768	745		20,397
	1050	967	952	885	839	839	762	731	744	744	822	842	884	935	1057		27,542
	851	836	849	831	877	883	931	962	908	901	915	934	878	883	875		26,685
	1061	1006	1004	878	934	920	828	732	632	625	758	839	846	849	848		27,212
	1242	1330	1302	1289	1276	1516	1685	1671	1503	1286	1313	1497	1580	1595	1512		33,817
	1003	910	853	815	835	890	861	873	806	645	801	636	545	380	351		23,122
	593	599	722	713	744	749	748	746	754	726	670	593	568	575	579		19,106
	857	859	848	821	775	791	794	847	895	911	896	863	866	867	934		24,793
	864	798	898	969	1013	1265	1148	1214	1165	1067	1055	944	848	945	742		28,368
	1167	1088	687	889	933	859	784	903	965	865	785	849	805	820	857		26,399

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	718	694	674	665	691	724	752	797	732	715	591	676	783	804	698	802	2533	1954	1586
1942	567	748	695	662	697	665	659	684	455	501	459	605	740	744	844	563	683	718	692
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940	1122	939	927	1006	876	1012
1944	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807	673
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746	689	777	846
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995
1947	536	648	559	703	619	638	645	518	632	876	803	947	941	874	777	822	2138	1453	1233
1948	631	616	536	551	715	779	728	755	791	697	698	742	742	750	748	751	778	783	780
1949	513	562	575	793	753	948	943	896	835	860	996	849	858	816	827	851	825	834	746
1950	1049	1161	967	968	1027	995	1027	1090	1056	1262	1146	973	950	930	967	971	971	971	971
1951	919	1440	1748	1289	992	1114	1240	1236	681	948	1368	808	1358	1565	941	1751	1489	565	1047
1952	645	583	1512	748	854	548	1020	719	1197	564	693	793	494	892	948	837	747	966	779
1953	701	689	673	666	635	676	694	793	683	867	581	894	766	930	931	955	941	922	974
1954	732	733	736	736	742	757	791	806	833	841	863	873	884	894	906	995	1054	1004	996
1955	684	633	621	702	782	793	793	802	815	863	901	922	916	872	883	888	885	878	875
1956	1102	1176	1138	1138	1134	1096	1092	1092	1090	1088	1056	1065	1082	1096	1112	1025	902	943	930
1957	801	742	720	731	741	752	773	784	791	797	805	813	819	826	840	851	863	889	923
1958	964	995	1023	995	986	991	990	864	692	652	594	687	818	824	830	817	797	740	775
1959	1404	1292	1188	1157	947	1024	989	1069	1213	1477	1676	1772	1891	1669	1666	1571	1392	1349	1287
1960	382	393	401	411	432	550	681	882	1103	1195	1322	1116	906	844	816	715	643	655	790
1961	602	753	864	972	887	765	714	706	764	879	963	989	992	976	894	786	765	686	641
1962	850	872	748	647	830	729	828	747	937	1148	1471	1452	1927	1700	1879	1823	1748	1765	1200
1963	857	688	757	910	895	966	970	987	965	940	952	921	900	889	902	930	917	803	793
1964	599	678	780	782	818	657	804	787	776	904	792	689	548	812	716	950	791	730	778

OCTOBER

CHART NO. 2

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
14	698	802	2533	1954	1306	1420	1187	922	936	850	694	863	958	909	675	1000	871	31,600
14	844	563	683	718	692	895	720	764	720	760	651	626	702	792	737	835	699	21,282
12	939	927	1006	876	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
1	652	642	821	807	673	632	598	664	671	674	693	659	958	436	669	638	718	20,414
12	865	746	689	777	846	792	814	838	768	797	776	785	800	781	802	819	924	22,911
18	932	865	995	910	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
74	777	822	2138	1453	1233	1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
50	748	751	778	783	780	781	782	722	738	741	735	736	734	675	686	685	735	22,321
16	827	851	825	834	746	748	753	812	826	825	852	818	642	689	752	835	780	24,612
30	967	971	971	971	971	971	971	974	973	972	972	991	1168	1274	1525	1685	1832	33,760
55	941	1751	1489	565	1047	1924	1634	513	702	1189	1316	1347	1554	2001	1425	1178	1302	38,636
32	948	837	747	966	779	863	799	1025	1016	743	807	592	862	1259	1305	621	461	25,892
30	931	955	941	922	974	972	956	911	760	728	896	888	858	735	783	781	683	24,928
34	906	995	1054	1004	996	973	872	809	821	803	799	863	842	852	881	852	823	26,366
72	883	888	885	878	875	837	812	798	798	792	805	805	808	812	812	848	876	25,311
96	1112	1025	902	943	930	928	910	953	985	993	1025	1044	1153	1338	1220	1201	1190	33,304
26	840	851	863	889	923	966	977	992	995	999	988	980	985	980	978	986	961	27,056
24	830	817	797	740	775	794	836	880	777	802	804	829	908	841	788	784	838	25,921
59	1566	1571	1392	1349	1287	1250	1346	1375	1324	1594	1602	1667	1650	1516	1419	1333	1345	43,454
44	816	715	643	655	730	721	743	742	719	594	824	797	761	834	852	860	781	23,522
76	894	786	765	686	641	712	707	780	847	805	791	862	975	984	1051	1032	931	26,075
00	1879	1823	1748	1765	1800	1250	1000	1250	1043	981	754	1091	967	1103	847	784	906	35,477
39	902	930	917	803	793	945	723	838	712	795	778	830	824	819	782	733	779	26,520
12	716	950	791	730	778	709	689	735	741	707	816	775	778	913	780	928	742	23,704

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	781	821	822	930	1393	1076	1022	894	905	852	802	903	780	894	1387	2533	1954	1566	1420
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186	1150
1943	1138	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967	1087
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682	577
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888	936
1946	1031	1033	929	844	934	927	1063	971	983	972	1028	937	844	850	944	936	856	947	1115
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859	985	970	993	1022	928	1024
1948	813	1214	1689	1177	1010	947	883	771	765	779	812	817	856	912	932	981	916	883	854
1949	805	710	716	824	700	690	700	779	995	1043	1022	821	885	840	906	817	846	715	809
1950	1399	2008	1950	1257	1357	1273	1471	1657	1649	1368	1257	1343	1126	1303	1186	1129	1172	1419	1649
1951	1151	906	1003	1365	1001	1305	1093	827	1116	747	810	810	1072	1368	952	895	587	1272	1198
1952	756	753	751	748	748	736	741	749	752	767	831	976	1145	1394	1378	1152	906	804	658
1953	678	952	844	716	853	868	863	858	860	868	877	926	915	759	889	942	775	684	731
1954	812	767	764	752	728	712	703	704	716	728	742	864	885	965	972	1048	1167	1070	1037
1955	824	813	806	806	811	814	816	821	830	854	875	934	1051	1074	967	853	834	798	838
1956	1114	1109	1109	1107	1107	1111	1109	1107	1111	1097	1121	1114	1116	1100	1050	1023	959	982	929
1957	952	937	916	960	882	820	800	808	741	725	799	844	881	900	943	952	966	952	873
1958	606	567	752	930	869	764	1436	2330	1567	1366	1136	1047	1039	1197	1271	1024	891	847	862
1959	1248	1246	1243	1228	1213	1104	1097	1045	1052	992	938	1057	1023	842	725	726	747	762	919
1960	802	843	872	865	831	721	694	672	734	851	855	862	940	952	1095	905	918	1121	1136
1961	852	941	952	901	845	732	667	634	640	725	842	951	974	856	820	715	641	582	704
1962	1091	1162	1139	1025	826	784	793	884	903	1056	1252	1255	1322	1197	961	958	750	619	602
1963	689	943	720	832	956	1054	1007	1099	1526	1654	1473	1043	769	1083	1558	1547	1623	1337	936
1964	684	774	1180	810	760	696	816	883	851	736	957	988	922	632	589	665	478	576	1132

NOVEMBER

CHART NO. 2

	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	780	894	1387	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871		31,600
	707	842	944	1562	1188	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
	928	975	860	870	745	682	577	656	681	731	722	699	802	716	741	727	600	581		26,099
	819	840	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
	844	850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
	859	985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998		28,797
	856	912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784		26,959
	883	840	906	817	846	715	809	684	841	645	804	1409	1474	1367	1290	1347	1205	917		27,606
	1126	1303	1186	1129	1172	1419	1649	1540	1597	1879	1277	1272	1388	1383	1359	1278	1232	1298		42,476
	1072	1368	952	895	587	1272	1198	1198	1200	1279	1051	953	831	863	1518	1231	1330	1210		32,142
	1143	1394	1378	1152	906	804	658	650	666	700	724	696	656	652	652	650	648	647		24,086
	913	759	889	942	775	684	731	740	752	871	1990	2112	1272	1102	1310	1344	1291	1130		29,772
	883	963	972	1048	1167	1070	1037	1026	946	905	861	824	769	762	757	754	749	746		25,235
	1051	1074	967	853	834	798	838	944	1506	1922	2120	1863	1830	1862	1713	1604	1330	1230		34,343
	1116	1100	1050	1023	959	982	929	1017	1006	964	992	1024	974	997	964	955	936	923		31,227
	881	900	943	952	966	952	873	901	880	821	781	831	828	797	772	916	998	898		26,074
	1039	1197	1271	1024	891	847	862	1345	1495	1612	1404	961	968	826	648	617	646	875		31,898
	1023	842	725	726	747	762	919	1004	946	1013	1045	1100	1070	1200	1117	986	911	827		30,426
	940	952	1095	905	918	1121	1136	1004	981	909	920	926	899	972	946	888	905	902		26,921
	974	856	820	715	641	582	704	751	863	981	1124	1252	1074	998	962	971	967	913		25,830
	1322	1197	961	958	750	619	602	820	958	1221	1361	1407	1406	1551	1418	1407	1217	1162		32,507
	769	1089	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905		33,499
	922	632	589	665	478	576	1132	807	707	642	801	844	1486	1835	1279	1267	1193	1154		27,144

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	943	947	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1838	1871	2130
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920	942
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	746	770	748	759	939	974	1002
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640	866
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833	691
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870	1845
1947	1239	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991	844
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720	739
1949	1303	1123	1148	775	804	855	790	842	891	780	701	626	650	903	718	817	809	934	656	565
1950	1403	1398	1435	1441	1551	1450	1561	1878	1631	1645	1759	1651	1474	2107	1284	1179	1669	1304	1206	1181
1951	2369	3435	2251	2024	1569	1335	1117	853	711	916	962	1493	1337	1060	1098	754	1072	1273	1362	807
1952	723	836	920	915	848	764	755	845	916	947	991	1042	1093	1200	1139	1047	972	933	871	842
1953	1008	1002	1012	1012	996	925	958	962	969	1013	1025	982	1034	971	900	828	829	841	789	927
1954	701	705	707	711	712	741	754	777	793	818	825	813	801	793	772	753	706	688	676	619
1955	1110	920	928	942	958	973	999	1022	1034	1182	1161	923	876	919	785	971	897	1439	1641	2250
1956	897	889	886	853	905	883	952	921	988	1060	1122	1588	2196	2317	1964	1753	1488	1316	1181	961
1957	877	809	765	746	701	792	884	911	930	941	911	915	839	843	848	854	1001	1023	1052	1045
1958	909	1208	1219	1140	1171	1090	991	1164	1247	1251	1404	3044	2870	2586	1169	1251	1932	1401	1286	1109
1959	843	918	885	932	843	804	491	599	507	559	714	747	819	894	714	810	784	749	839	856
1960	851	870	986	951	749	722	684	590	555	503	546	679	734	765	821	850	901	906	903	901
1961	932	933	952	974	924	747	651	632	620	562	640	662	719	777	796	864	942	925	941	954
1962	1027	1132	1674	1987	1547	1338	1057	1415	1034	1168	826	737	806	902	1564	1156	1029	1149	1207	939
1963	715	815	774	635	870	495	1073	893	1024	746	999	1034	576	789	985	854	961	862	1124	869
1964	1168	1687	1680	1361	1039	949	819	734	816	1226	1288	1034	754	880	1116	989	597	592	651	760

DECEMBER

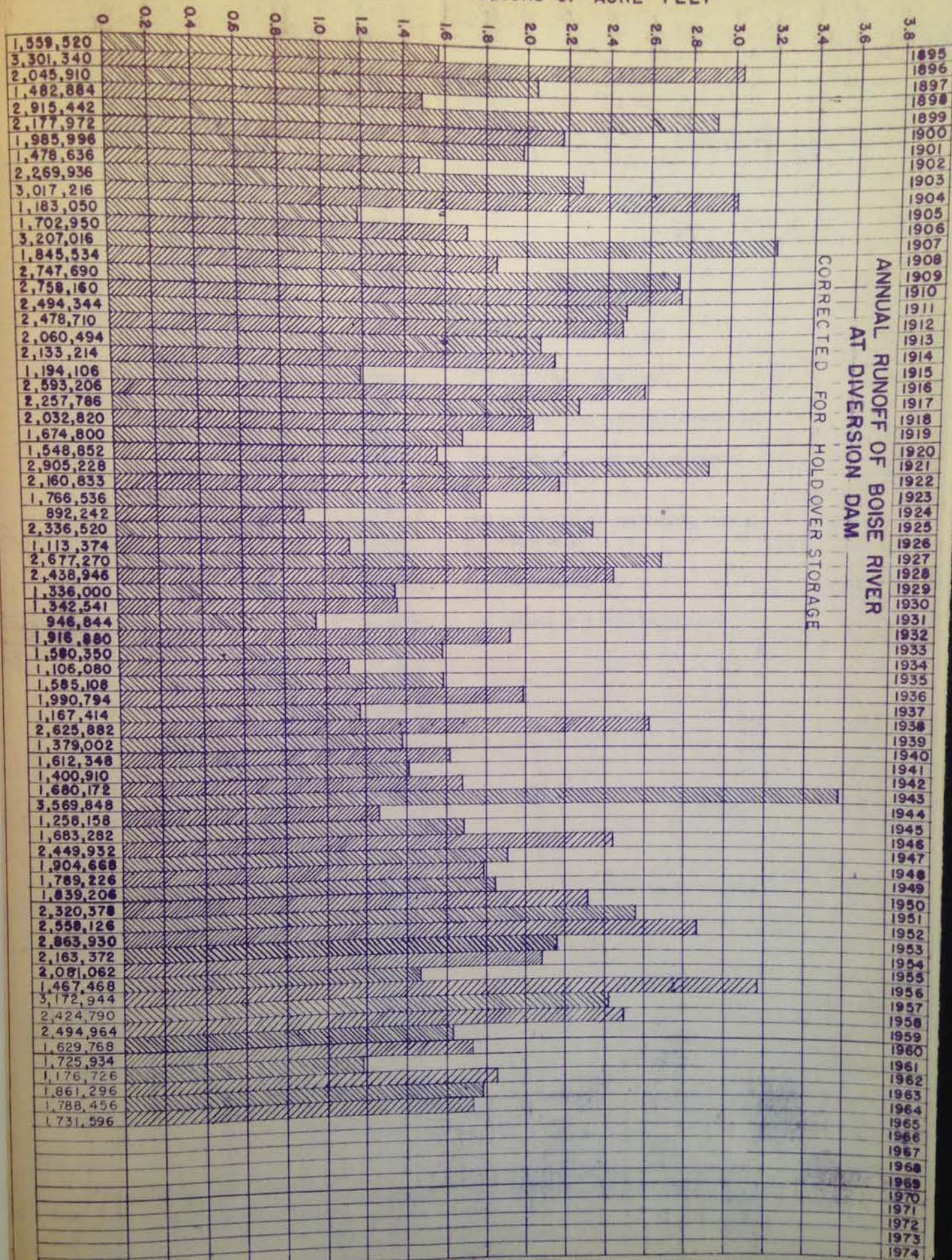
CHART NO. 2

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
1111	1041	1189	1052	920	942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
770	748	759	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,884
464	503	763	610	640	866	1052	818	1137	906	839	783	615	621	588	906	826	21,451
368	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
4709	3050	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696
922	901	811	959	991	844	951	798	792	974	746	737	736	779	961	790	513	27,758
980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547
718	817	809	934	656	565	728	778	931	906	764	779	795	975	775	739	748	25,608
1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1148	770	907	1599	1440	44,319
1098	754	1072	1273	1362	807	959	2049	2046	1242	1236	629	1253	1145	2220	1393	1332	43,802
1139	1047	972	933	871	842	790	784	784	782	781	793	816	802	820	801	779	54,662
900	828	829	841	789	927	1015	1053	1097	1014	1053	901	869	764	692	771	768	28,980
772	753	706	688	676	619	612	612	605	601	600	622	674	714	792	906	957	22,560
783	971	897	1439	1641	2250	2222	4106	16700	20551	11314	7381	5053	4416	3637	2728	2721	102,759
1264	1253	1488	1316	1181	961	957	932	921	917	911	905	823	792	796	789	778	34,641
848	834	1001	1023	1052	1045	1042	1064	1063	1022	1036	1048	1053	1044	1064	1025	916	29,064
1169	1251	1932	1401	1286	1109	1282	1356	1201	1198	1312	1203	1269	1094	889	840	901	41,987
714	810	784	749	839	856	821	776	699	739	904	976	1023	938	804	650	620	24,257
821	850	901	906	903	901	894	882	871	856	824	748	721	704	664	646	706	23,983
796	864	942	925	941	954	974	992	999	981	939	889	817	784	801	806	807	25,936
1564	1156	1029	1149	1207	939	1127	994	1034	600	550	559	706	736	976	1145	838	32,959
983	834	961	862	1124	869	768	763	724	648	687	867	836	840	963	802	595	25,586
1116	989	597	592	651	760	1046	2152	18378	27294	19240	11963	8143	6823	5706	4580	3940	129,405

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 70 YEAR PERIOD, 1895 TO 1964, INCLUSIVE

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1123	1069	1588	3625	7033	8406	4213	1217	755	759	903	1126
2.	1087	1157	1590	3354	7157	8329	4063	1175	760	805	933	1160
3.	1107	1164	1618	3963	7238	8280	3907	1153	760	826	978	1129
4.	1058	1223	1601	4111	7466	8228	3757	1127	737	820	925	1145
5.	1038	1276	1649	4216	7588	8086	3616	1088	740	817	944	1069
6.	1030	1257	1683	4365	7790	7999	3415	1061	736	811	945	1049
7.	1040	1249	1684	4573	8094	8037	3299	1033	735	843	943	1020
8.	1034	1348	1791	4713	8159	8083	3169	1013	711	859	948	995
9.	1017	1353	1905	4823	8291	7990	3047	982	724	856	956	959
10.	1023	1306	1885	5106	8381	7922	2877	949	739	865	980	974
11.	1020	1257	1876	5302	8906	7642	2729	935	743	873	999	1033
12.	996	1243	1942	5513	8296	7620	2649	935	739	868	971	1181
13.	985	1264	1977	5918	8324	7609	2509	904	751	881	941	1137
14.	1017	1266	1988	6307	8525	7532	2390	901	785	880	970	1125
15.	1070	1271	2031	6548	8502	7338	2282	882	774	893	961	1045
16.	1111	1298	2162	6816	8499	7308	2175	857	776	893	1046	1014
17.	1105	1312	2123	6832	8493	7126	2039	846	773	929	968	1038
18.	1126	1293	2481	7074	8623	6915	1931	834	756	909	989	1009
19.	1121	1286	2565	7071	8568	6577	1847	822	754	900	979	1046
20.	1175	1308	2707	6968	8485	6531	1780	813	767	903	1040	1014
21.	1168	1326	2785	6860	8471	6294	1692	812	772	895	1096	1054
22.	1165	1367	2894	7026	8437	6061	1635	805	749	876	1183	1091
23.	1176	1387	2980	7062	8410	5780	1598	795	766	890	1284	1508
24.	1155	1440	2977	7090	8514	5558	1539	772	763	893	1226	1701
25.	1191	1434	3048	7102	8625	5282	1515	762	765	892	1186	1447
26.	1154	1446	3110	7239	8729	5079	1442	751	751	892	1153	1259
27.	1131	1524	3214	7371	8738	5141	1389	740	773	909	1116	1195
28.	1093	1570	3267	7339	8560	4742	1372	742	764	925	1050	1185
29.	1078	1578	3440	7273	8461	4568	1322	738	757	923	1046	1236
30.	1050		3486	7147	8329	4399	1307	736	762	908	1075	1188
31.	1078		3519		8496		1249	743		913		1151

RUNOFF IN MILLIONS OF ACRE- FEET



TOTAL MONTHLY FLOW OF BO
FOR IRRIGATION YEARS BE

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700
1895-96	57040	54980	50980	73440	67660	157560	295040	555380	1464280
1896-97	54280	61300(3)	64600	50520	55240	87960	476000(5)	508000(6)	415000(
1897-98	63440	64100	61500(7)	34100	67200	119280	251900	320280	299360
1898-99	53262	56240	151640	160600	79640	113900	425740	608020	731400
1899-1900	83664	90000	97000	125420	96440	305220	380020	510720	300640
1900-01	63570	61880	65060	79440	98340	179320	305940	626460	287420
1901-02	56464	55892	76400	61300	90440	88920	211470	353460	287160
1902-03	45630	54498	63474	81760	63570	143360	448220	520620	601880
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	671840	828600	521060
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	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	80180	61380	71196	74968	216040	469040	553660	307700
1914-15	69680	58368	44800	59580	59726	94782	176564	274130	191900
1915-16	42410	45626	53346	49930	63262	197486	555062	563720	594764
1916-17	59106	54016	53702	47628	47694	61740	267082	654106	643322
1917-18	46004	49506	128592	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	53180	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	39218	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	188084	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

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

CH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
80	243140	395220	225700	152380	63620	58000	1,559,520
160	295040	555380	1464280	385520	81960	57500	3,301,340
160	476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,910
280	251900	320280	299360	116848	45708	39168	1,482,884
300	425740	608020	731400	356160	109940	68900	2,915,442
320	380020	510720	300640	84156	53496	51196	2,177,972
320	305940	626460	287420	116400	52222	49944	1,985,996
320	211470	353460	287160	106720	49496	40914	1,478,636
360	448220	520620	601880	147580	53000	46344	2,269,936
140	671840	828600	521060	201920	71972	43830	3,017,216
300	176200	229820	247660	78860	39870	34660	1,183,050
100	337920	428100	346980	162900	52410	41090	1,702,950
120	673380	683520	534560	335640	101600	62066	3,207,016
130	382540	370360	324880	198500	64920	55524	1,845,534
840	472120	605240	655220	226800	63690	57220	2,747,690
900	609980	513560	310360	110040	55970	56390	2,758,160
570	323960	549120	740860	233040	74906	59728	2,494,344
580	342620	684180	677560	173980	83380	66080	2,478,710
800	374960	573740	413420	158660	82964	54290	2,060,494
040	469040	553660	307700	124130	58742	52654	2,133,214
782	176564	274130	191900	83978	40926	39672	1,194,106
486	555062	563720	594764	293818	80102	53680	2,593,206
740	267082	654106	643322	260216	65224	43950	2,257,786
542	346040	409954	461268	112120	56300	49922	2,032,820
916	395854	509192	240872	69736	36404	34262	1,674,800
234	189044	449730	333468	117328	40586	39034	1,548,852
472	394484	824032	718728	175390	63068	48784	2,905,228
692	319642	552674	659854	148066	65210	47974	2,160,833
700	273726	454010	376208	192504	67552	42946	1,766,536
550	136450	243200	76792	35296	24426	25320	892,242
378	501862	700486	367370	152598	60730	47302	2,336,520
448	232672	247704	105072	41132	30872	29480	1,113,374
084	378928	665294	725602	233700	74786	55734	2,677,270
846	316812	852194	305656	118292	51462	41304	2,438,946
904	179094	359418	285896	98288	36822	32488	1,336,000
616	274178	295246	257382	79234	43256	34720	1,342,541

(1) MEAN OF 4 HIGH

(2) SUBSTITUTED FROM

(3) SUBSTITUTED FROM

(4) MISSING DAYS SUB

(5) MISSING DAYS SUB
YEAR MEAN

(6) MISSING MONTHS SUB
YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHOR

ACRE FEET

1895

CHART NO. 4

AUGUST	SEPTEMBER	TOTAL
63620	58000	1,559,520
81960	57500	3,301,340
67250	62520	2,045,910
45708	39168	1,482,884
109940	68900	2,915,442
53496	51196	2,177,972
52222	49944	1,985,996
49496	40914	1,478,636
53000	46344	2,269,936
71972	43830	3,017,216
39870	34660	1,183,050
52410	41090	1,702,950
101600	62066	3,207,016
64920	55524	1,845,534
63690	57220	2,747,690
55970	56390	2,758,160
74906	59728	2,494,344
83380	66080	2,478,710
82964	54290	2,060,494
58742	52654	2,133,214
40926	39672	1,194,106
80102	53680	2,593,206
65224	43950	2,257,786
56300	49922	2,032,820
36404	34262	1,674,800
40586	39034	1,548,852
63068	48784	2,905,228
65210	47974	2,160,833
67552	42946	1,766,536
24426	25320	892,242
60730	47302	2,336,520
30872	29480	1,113,374
74786	55734	2,677,270
51462	41304	2,438,946
36822	32488	1,336,000
43256	34720	1,342,541

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM 1900

(5) MISSING DAYS SUBSTITUTED FROM 21
YEAR MEAN(6) MISSING MONTHS SUBSTITUTED FROM 21
YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS

TOTAL MONTHLY FLOW OF BOISE R

FOR IRRIGATION YEARS BEGINN

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
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	428528	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
1940-41	53168	59764	56634	54260	65368	113448	188300	365336	266776
1941-42	48552	63200	106838	62182	62162	87804	341662	325676	362374
1942-43	42564	64068	81782	153190	116564	235138	1006532	722804	627754
1943-44	61802	70704	55768	49412	52610	68094	164000	303208	247726
1944-45	40828	52198	42902	56270	80144	99160	202368	473146	405996
1945-46	45822	53670	74712	79530	65804	218604	639804	651660	378824
1946-47	67394	72214	109392	60362	87278	181276	289398	545764	297238
1947-48	56244	57582	55516	65522	60480	73396	264424	505792	459706
1948-49	44642	53918	51094	49038	45674	146834	416548	566862	301108
1949-50	49224	55212	51216	63188	71410	154558	409786	559496	540810
1950-51	67520	84952	88638	70656	126136	128158	553712	689842	439576
1951-52	77272	64284	87604	68400	77508	106282	671898	899574	518800
1952-53	51784	48172	54662	101282	88560	126710	330196	403576	583564
1953-54	49856	59544	57108	61536	93274	149716	382042	596132	343118
1954-55	52732	50470	45120	47482	40446	55692	129822	397270	419160
1955-56	50622	68686	205518	147514	104510	228258	636502	841354	582584
1956-57	66608	62454	69282	52648	92880	194092	361256	753938	518012
1957-58	54112	52148	58128	53682	121836	124694	323768	946374	501566
1958-59	51842	63796	83974	76466	69702	92542	276734	331594	362156
1959-60	86908	60852	48514	51664	64890	172830	358988	374362	333350
1960-61	47044	53842	47966	42454	58830	91230	172064	298818	229386
1961-62	52150	51660	51872	54554	78326	83072	407856	406458	425398
1962-63	70954	65014	65918	43612	147122	91904	180298	452916	411904
1963-64	53040	66998	51172	52170	53860	71218	262166	457280	407856

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

ARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
246	177172	251538	110862	34670	23156	24046	946,844
826	336006	564176	458224	154298	52212	41746	1,916,880
474	239342	341610	538198	99610	40282	35556	1,580,350
896	249648	229216	86240	37252	22622	24966	1,106,080
150	299458	428528	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
1026	505100	711314	558138	201292	71190	46910	2,625,882
1294	328918	341836	136300	60358	38454	30436	1,379,002
1512	355842	434480	227258	64468	31480	38986	1,612,348
3448	188300	365336	266776	83332	53206	41318	1,400,910
7804	341662	325676	362374	137452	46974	35340	1,680,172
5138	1006532	722804	627754	359598	103756	56098	3,569,848
8094	164000	303208	247726	106382	43684	34768	1,258,158
9160	202368	473146	405996	139808	51316	39146	1,683,282
8604	639804	651660	378824	137194	58374	45934	2,449,932
11276	289398	545764	297238	114094	43050	37208	1,904,668
13396	264424	505792	454706	109372	44612	36580	1,789,226
16834	416548	566862	301108	91898	40464	31126	1,839,206
54558	409786	559496	540810	241712	74502	49264	2,320,378
28158	553712	689842	439576	195690	70696	42550	2,558,126
06282	671898	899574	518800	172464	68736	51108	2,863,930
26710	330196	403576	583564	254344	72894	47628	2,163,372
49716	382042	596132	343118	178956	67416	42364	2,081,062
55692	129822	397270	419160	131938	56542	40794	1,467,468
28258	636502	841354	582584	189896	62416	55084	3,172,944
94092	361256	753938	518012	148306	51944	53370	2,424,790
24694	323768	946374	501566	142466	61766	54424	2,494,964
92542	276734	331594	362156	104896	48432	67634	1,629,768
72830	358988	374362	333350	81574	45758	46244	1,725,934
91230	172064	298818	229386	56820	40060	38212	1,176,726
83072	407856	406458	425398	142912	57452	49586	1,861,296
91904	180298	452916	411304	148768	53310	56736	1,788,456
71218	262166	457280	407856	152946	50092	52798	1,731,596

APR

[illegible]

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1964, INCLUDING STORAGE

APRIL

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
													20	20	20	19	19	19	18	18
												10	18	18	21	21	21	22	22	22
		12	12	12	12		25	25	25	40	40	40	40	38	38	38	38	38	42	42
										4	4	5	6	6	7	8	8	9	10	10
												113	99	99	99	97	103	103	91	91
													20	22	22	23	24	25	25	26
											50	60	73	75	77	80	82	82	84	86
							9	9	9	9	9	9	9	9	9	10	10	10	10	10
												10	10	11	11	12	12	13	14	14
												18	18	18	18	18	18	18	18	19
									30	31	32	33	32	31	30	29	29	28	27	26
									70	70	71	71	71	72	71	70	69	68	67	65
	28	28	28			45	55	76	136	150	150	0	169	174	174	173	172	171	161	159
						25	25	30	30	40	40	50	50	30	25	25	20	18	16	16
													12	12	15	18	21	24	27	30
												90	90	86	84	81	79	76	73	71
												10	10	10	10	10	10	11	11	11
								10	18	26	34	42	50	34	37	41	41	47	45	50
												18	18	18	17	17	16	15	15	15
383	512	797	809	995			1007	1306	1414	1572	1553	1549	1750	1946	2209	2215	2225	2235	2210	2195
												2	2	2	0	0	2	2	2	0
									90	127	164	200	214	228	242	256	269	283	298	314
												25	40	54	56	58	59	61	62	65
					74		66	101	153	156	153	190	257	293	310	313	313	358	380	407
			40	50			60	90	125	135	150	150	160	156	154	153	153	151	151	151
									10	10	12	13	13	13	13	12	12	12	11	11
											99	70	70	84	68	65	105	102	97	128
													13	13	13	12	12	11	11	10
												26	36	46	56	66	76	85	94	97
													20	19	18	16	16	15	14	17
													18	18	17	16	15	14	13	12
383	552	837	889	1201			1247	1647	2110	2370	2561	2804	3408	3655	3941	3972	4049	4126	4119	4206
628	802	826	748	796			826	1710	1720	1680	1560	1360	928	730	808	948	987	974	1060	915
1011	1354	1663	1637	1997			2073	3357	3830	4050	4121	4164	4336	4385	4749	4920	5036	5100	5179	5121

10 FEET OF BOISE VALLEY CANALS

IN SEASON OF 1964, INCLUDING STORAGE

CHART NO. 5

APRIL

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
							20	20	20	19	19	19	18	18	17	17		187
						10	18	18	21	21	21	22	22	22	22	22		219
2	25	25	25	40	40	40	40	38	38	38	38	38	42	42	42	42		641
				4	4	5	6	6	7	8	8	9	10	10	11	11		99
						113	99	99	99	97	103	103	91	91	91	93		1079
							20	22	22	23	24	25	25	26	27	26		240
					50	60	73	75	77	80	82	82	84	86	86	86		921
	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10		151
						10	10	11	11	12	12	13	14	14	14	14		135
						18	18	18	18	18	18	18	18	19	19	20		202
				30	31	32	33	32	31	30	29	29	28	27	26	26		410
				70	70	71	71	71	72	71	70	69	68	67	65	64		967
45	55	76	136	150	150	0	169	174	174	173	172	171	161	159	157	155		2361
25	25	30	30	40	40	50	50	30	25	25	20	18	16	16	16	15		471
							12	12	15	18	21	24	27	30	32	32		223
						90	90	86	84	81	79	76	73	71	123	123		976
						10	10	10	10	10	10	11	11	11	11	11		115
		10	18	26	34	42	50	34	37	41	41	47	45	50	54	54		583
						18	18	18	17	17	16	15	15	15	15	15		179
995	1007	1306	1414	1572	1553	1549	1750	1346	2209	2215	2225	2235	2210	2195	2350	2684		33916
						2	2	2	0	0	2	2	2	0	0	0		12
		90	127	164	200	214	228	242	256	269	283	298	314	319	325		3329	
					25	40	54	56	58	59	61	62	63	64	64		606	
74	66	101	153	156	153	190	257	293	310	313	313	358	380	427	461	435		4440
50	60	90	125	135	150	150	160	156	154	153	153	151	151	151	151	151		2331
		10	10	12	13	13	13	13	13	12	12	12	11	11	11	11		164
				99	70	70	84	68	65	105	102	97	128	149	171		1208	
						13	13	13	12	12	11	11	10	9	9		113	
					26	36	46	56	66	76	85	94	97	100	103		785	
						20	19	18	16	16	15	14	17	20	22		177	
						18	18	17	16	15	14	13	12	11	11		145	
1201	1247	1647	2110	2370	2561	2804	3408	3655	3941	3972	4049	4126	4119	4206	4482	4826		57385
796	826	1710	1720	1680	1560	1360	928	730	808	948	987	974	1060	915	748	748		21502
1997	2073	3357	3830	4050	4121	4164	4336	4385	4749	4920	5036	5100	5179	5121	5230	5574		78887

DISCHARGE IN SECOND FE

BY DAYS DURING THE IRRIGATION S

MAY

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BALLANTINE	16	14	12	10	9	10	12	14	16	18	20	21	22	22	2
BOISE CITY	22	0	0	22	22	22	22	28	24	27	27	26	29	29	2
BOISE VALLEY	42	34	34	34	36	36	36	37	52	50	50	49	49	48	4
BUBB	12	12	13	13	13	13	12	12	11	11	11	11	12	12	1
CALDWELL HIGH LINE	91	90	90	85	87	87	90	90	90	90	83	78	91	91	91
CAMPBELL	25	24	23	22	21	21	23	25	27	29	31	33	36	35	31
CANYON COUNTY	86	47	47	47	47	52	57	62	67	75	79	80	81	82	83
CRUZEN (CONSUMERS)	11	11	11	11	11	11	11	11	11	11	11	11	12	12	13
DAVIS DITCH	14	0	0	0	0	0	0	14	14	14	14	14	14	15	15
EAGLE ISLAND CANALS	22	22	22	22	22	30	30	30	30	30	30	30	30	60	60
EUREKA #1	26	26	24	24	27	21	18	14	11	25	19	32	27	29	30
EUREKA #2	72	76	80	84	86	87	85	84	83	80	79	78	77	82	87
FARMERS UNION	152	104	103	96	98	101	128	133	121	154	181	203	205	206	207
LITTLE PIONEER	15	14	14	14	14	19	24	29	34	38	41	46	31	31	46
LOWER CENTER POINT	32	31	31	31	31	31	29	27	25	23	20	17	15	16	17
MIDDLETON CANALS	123	103	103	103	103	113	120	127	135	142	148	155	157	160	162
MISCELLANEOUS	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10
NEW DRY CREEK	54	51	48	48	48	49	48	47	49	50	50	65	70	73	72
NEW UNION	15	0	0	0	0	0	0	11	11	11	11	11	11	11	12
NEW YORK CANAL	2787	2581	2416	2359	2235	2230	2225	2278	2467	2548	2690	2799	2819	2843	2842
PENITENTIARY	1	2	0	0	0	1	0	0	1	1	1	3	2	3	3
PHYLLIS	357	360	350	357	350	356	359	363	387	394	404	418	441	477	474
PIONEER DIXIE	64	53	53	53	53	53	54	55	56	58	60	62	64	65	66
RIDENBAUGH	480	494	395	440	456	472	494	491	501	498	504	512	522	538	540
RIVERSIDE #2	151	139	139	139	139	139	146	155	164	172	178	183	189	189	189
ROSSI MILL	11	2	2	2	2	2	5	5	7	7	7	7	8	8	9
SEBREE (FARMERS CO-OP)	124	122	122	121	119	184	174	176	189	227	253	255	290	286	311
SIEBENBERG	10	11	12	12	13	14	14	13	13	12	12	11	11	11	11
SETTLERS	105	108	111	114	121	129	136	144	151	158	166	168	170	172	174
THURMAN MILL	25	28	30	33	32	30	29	28	27	26	26	27	29	30	32
UPPER CENTER POINT	11	7	7	7	7	7	9	11	13	15	17	19	21	22	23
TOTAL CANAL DIVERSIONS	4967	4577	4303	4314	4213	4331	4401	4524	4797	5004	5233	5434	5545	5668	5728
RIVER AT NOTUS	850	1030	1640	1540	1360	1690	1660	1480	1130	832	706	358	186	283	380
TOTALS	5817	5607	5943	5854	5573	6021	6061	6004	5927	5836	5939	5792	5731	5951	6108

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1964, INCLUDING STORAGE

MAY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
14	16	18	20	21	22	22	23	24	25	25	26	26	26	26	27	27	27	26	23	23
28	24	27	27	26	29	29	29	29	28	28	30	30	30	30	32	33	34	34	34	36
37	52	50	50	49	49	48	48	47	47	48	55	55	54	54	54	57	57	57	58	46
12	11	11	11	11	12	12	13	13	14	15	15	14	14	13	13	12	12	11	10	9
90	90	90	83	78	91	91	92	90	86	88	85	91	84	82	91	88	94	90	91	74
25	27	29	31	33	36	35	35	34	34	33	33	33	35	37	40	43	46	48	50	46
62	67	75	79	80	81	82	83	85	86	87	87	88	88	89	89	90	90	87	84	80
11	11	11	11	11	12	12	13	13	14	15	15	16	16	17	17	18	18	18	18	18
14	14	14	14	14	14	15	15	15	16	16	16	16	16	16	16	16	16	16	15	15
30	30	30	30	30	30	60	60	60	60	60	60	60	65	65	65	65	65	65	65	65
14	11	25	19	32	27	29	30	30	29	28	28	29	29	28	28	26	27	28	28	24
84	83	80	79	78	77	82	87	92	97	105	109	112	114	116	118	120	122	124	125	120
133	121	154	181	203	205	206	207	209	210	210	209	210	220	220	226	223	224	217	213	210
29	34	38	41	46	31	31	46	47	48	49	50	49	48	47	47	46	46	46	46	46
27	25	23	20	17	15	16	17	18	19	20	21	22	23	25	27	29	31	33	35	33
127	135	142	148	155	157	160	162	165	168	170	173	174	175	177	179	181	183	177	171	165
10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	14	13	13
47	49	50	50	65	70	73	72	71	75	81	75	76	82	82	80	82	63	63	63	66
11	11	11	11	11	11	11	12	12	13	13	13	13	13	14	14	14	14	14	14	13
2278	2467	2548	2690	2799	2819	2843	2842	2903	2919	2926	2914	2926	2914	2920	2926	2920	2931	2937	2937	2926
0	1	1	1	3	2	3	3	5	2	3	0	5	6	8	7	7	7	7	7	0
363	387	394	404	418	441	477	474	492	491	494	498	517	519	522	526	512	515	456	456	416
55	56	58	60	62	64	65	66	67	69	70	71	72	73	73	74	74	75	76	77	76
491	501	498	504	512	522	538	540	555	557	581	570	578	575	582	576	571	573	583	592	478
155	164	172	178	183	189	189	189	189	188	188	188	188	188	190	191	193	194	195	196	197
5	7	7	7	7	8	8	9	10	11	12	12	11	11	11	10	10	10	10	10	10
176	189	227	253	255	290	286	311	314	333	337	347	349	349	360	360	359	359	329	329	277
13	13	12	12	11	11	11	11	11	10	10	10	10	10	11	11	11	11	12	12	12
144	151	158	166	168	170	172	174	176	178	180	184	189	194	199	205	209	213	209	205	201
28	27	26	26	27	29	30	32	34	35	36	37	38	39	40	41	42	43	41	39	37
11	13	15	17	19	21	22	23	24	25	26	27	28	27	26	25	23	22	21	20	20
4524	4797	5004	5233	5434	5545	5668	5728	5845	5898	5965	5969	6036	6048	6091	6126	6112	6133	6044	6040	5754
1480	1130	832	706	358	186	283	380	390	336	314	330	294	249	309	724	941	1040	1030	1250	2390
6004	5927	5836	5939	5792	5731	5951	6108	6235	6234	6279	6293	6330	6297	6400	6850	7053	7173	7074	7290	8144

FEET OF BOISE VALLEY CANALS

SEASON OF 1964, INCLUDING STORAGE

CHART NO. 5

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
23	24	25	25	26	26	26	26	27	27	27	26	25	23	22	20	18	632
29	29	28	28	30	30	30	30	32	33	34	34	34	36	36	36	36	845
48	47	47	48	55	55	54	54	54	57	57	57	58	46	47	32	32	1435
13	13	14	15	15	14	14	13	13	12	12	11	10	9	9	8	7	370
92	90	86	88	85	91	84	82	91	88	94	90	91	74	75	76	77	2687
35	34	34	33	33	33	35	37	40	43	46	48	50	46	42	38	34	1036
83	85	86	87	87	88	88	89	89	90	90	87	84	80	76	72	68	2338
13	13	14	15	15	16	16	17	17	18	18	18	18	18	18	18	18	436
15	15	16	16	16	16	16	16	16	16	16	16	15	15	15	14	14	376
60	60	60	60	60	60	65	65	65	65	65	65	65	65	65	65	70	1490
30	30	29	28	28	29	29	28	28	26	27	28	28	24	22	21	22	780
87	92	97	105	109	112	114	116	118	120	122	124	125	120	115	110	106	3025
207	209	210	210	209	210	220	220	226	223	224	217	213	210	188	196	199	5576
46	47	48	49	50	49	48	47	47	46	46	46	46	46	24	25	26	1100
17	18	19	20	21	22	23	25	27	29	31	33	35	33	31	29	27	799
162	165	168	170	173	174	175	177	179	181	183	177	171	165	159	153	146	4670
10	11	11	11	11	11	11	11	11	11	11	14	15	13	15	15	15	336
72	71	75	81	75	76	82	82	80	82	63	63	63	66	54	52	44	1931
12	12	13	13	13	13	13	14	14	14	14	14	14	13	13	12	12	315
2342	2303	2319	2326	2314	2326	2314	2320	2326	2320	2331	2337	2337	2326	2311	2318	2383	83830
3	5	2	3	0	5	6	8	7	7	7	7	7	0	1	1	6	90
474	492	491	494	498	517	519	522	526	512	515	456	456	416	378	377	375	13391
66	67	69	70	71	72	73	73	74	74	75	76	77	76	75	74	73	2038
540	555	557	581	570	578	575	582	576	571	573	583	592	478	534	565	554	16361
189	189	188	188	188	188	188	190	191	193	194	195	196	197	197	197	197	5487
9	10	11	12	12	11	11	11	10	10	10	10	10	10	11	11	11	255
311	314	333	337	347	349	349	360	360	359	359	329	329	277	236	232	227	8050
11	11	10	10	10	10	10	11	11	11	11	12	12	12	12	12	13	358
174	176	178	180	184	189	194	199	205	209	213	209	205	201	197	191	187	5244
32	34	35	36	37	38	39	40	41	42	43	41	39	37	35	33	31	1033
23	24	25	26	27	28	27	26	25	23	22	21	20	20	21	21	22	574
5728	5845	5898	5965	5969	6036	6048	6091	6126	6112	6133	6044	6040	5754	5534	5224	5050	166908
380	390	336	314	330	294	249	309	724	941	1040	1030	1250	2390	2500	3800	4100	35122
6108	6235	6234	6279	6299	6330	6297	6400	6850	7053	7173	7074	7290	8144	6034	9024	9150	202030

DISCHARGE IN SECOND FEET OF

BY DAYS DURING THE IRRIGATION SEASON

JUNE

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BALLANTINE	17	16	16	15	15	15	14	14	14	14	14	13	13	13	13	1
BOISE CITY	32	32	33	33	33	33	33	33	31	33	27	33	33	33	33	3
BOISE VALLEY	41	41	41	41	41	41	42	42	37	37	37	37	40	40	39	3
BUBB	7	7	8	8	9	9	9	10	10	10	10	10	9	9	9	5
CALDWELL HIGH LINE	76	80	97	94	62	60	58	61	73	77	82	32	35	37	38	37
CAMPBELL	30	28	26	25	24	23	23	22	22	21	20	18	16	14	13	12
CANYON COUNTY	64	61	60	59	58	56	55	54	53	52	51	50	49	48	47	49
CRUZEN (CONSUMERS)	18	18	17	17	16	16	15	15	15	15	15	15	16	16	16	16
DAVIS DITCH	14	13	12	11	10	9	8	7	6	5	4	7	10	12	14	16
EAGLE ISLAND CANALS	70	70	70	70	70	70	68	68	68	68	68	68	68	68	68	68
EUREKA #1	23	22	22	23	23	24	24	27	27	20	14	12	7	8	14	14
EUREKA #2	102	98	94	90	86	82	79	76	73	70	68	67	65	63	61	59
FARMERS UNION	179	179	192	203	211	201	185	172	135	135	141	137	132	124	122	95
LITTLE PIONEER	27	28	48	28	28	29	29	29	29	0	0	0	0	0	0	0
LOWER CENTER POINT	25	23	21	21	22	22	23	24	24	25	22	20	18	16	14	12
MIDDLETON CANALS	140	134	135	136	137	139	140	141	137	133	129	125	121	117	113	113
MISCELLANEOUS	18	17	16	15	14	13	11	11	11	11	11	11	11	11	11	11
NEW DRY CREEK	58	59	59	57	68	66	61	61	61	57	57	55	52	57	56	56
NEW UNION	12	12	13	13	14	14	15	15	16	16	17	16	15	14	13	12
NEW YORK CANAL	2234	1874	2527	2657	2808	2808	2603	2540	2370	2057	1755	1492	1222	1177	1141	1220
PENITENTIARY	1	3	3	4	3	3	1	0	0	1	0	0	0	0	1	0
PHYLLIS	374	375	373	370	368	366	364	359	330	307	213	191	175	172	164	187
PIONEER DIXIE	72	71	71	69	68	66	64	62	61	60	60	60	60	59	59	59
RIDENBAUGH	558	561	562	563	570	572	571	555	545	458	432	432	423	423	421	421
RIVERSIDE #2	198	198	197	194	190	186	182	178	174	170	173	175	177	181	183	185
ROSSI MILL	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
SEBREE (FARMERS CO-OP)	189	185	213	236	305	305	284	262	238	216	216	218	196	196	196	196
SIEBENBERG	13	13	13	13	13	14	14	15	15	15	14	13	12	11	10	9
SETTLERS	184	175	166	157	148	139	130	121	112	103	96	94	93	91	90	88
THURMAN MILL	29	30	32	33	34	35	36	38	39	40	41	40	39	37	35	33
UPPER CENTER POINT	22	23	23	23	22	22	21	21	20	20	18	16	15	14	12	10
TOTAL CANAL DIVERSIONS	4838	4457	5171	5289	5481	5449	5173	5044	4757	4257	3816	3468	3133	3072	3017	3074
RIVER AT NOTUS	4040	3910	3670	2440	2120	2200	2560	2830	3070	3880	4140	4320	3820	3610	3670	3700
TOTALS	8878	8367	8841	7729	7601	7649	7733	7874	7827	8137	7956	7788	6953	6682	6687	6774

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1964, INCLUDING STORAGE

JUNE

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	14	15	16	18	20	21	22
33	31	33	27	33	33	33	33	30	27	24	22	22	23	23	21	26	31	31	33	34	32
42	37	37	37	37	40	40	39	33	33	0	0	33	33	38	40	40	39	39	38	43	51
10	10	10	10	10	9	9	9	9	9	9	9	10	10	10	10	10	10	10	11	11	11
61	73	77	82	32	35	37	38	37	35	36	35	33	31	60	60	61	72	61	57	54	50
22	22	21	20	18	16	14	13	12	11	16	21	27	34	41	47	51	48	45	42	39	36
54	53	52	51	50	49	48	47	49	51	53	55	58	60	62	66	70	75	80	85	89	93
15	15	15	15	15	16	16	16	16	16	16	16	15	15	15	15	15	15	15	16	16	16
7	6	5	4	7	10	12	14	16	16	16	16	15	15	15	14	14	14	13	13	12	12
68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	65	65	65	65	65	65	65
27	27	20	14	12	7	8	14	14	15	15	14	14	12	17	19	18	36	43	45	45	42
76	73	70	68	67	65	63	61	59	57	60	63	66	69	72	74	77	79	82	85	87	88
172	135	135	141	137	132	124	122	95	98	0	0	113	115	136	159	178	182	191	213	218	219
29	29	0	0	0	0	0	0	0	0	0	0	0	0	35	37	39	40	43	46	48	50
24	24	25	22	20	18	16	14	12	10	11	12	14	16	18	20	21	22	23	24	26	27
141	137	133	129	125	121	117	113	113	114	114	115	115	116	116	120	125	130	135	140	144	148
11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10
61	61	57	57	55	52	57	56	56	56	54	54	53	53	54	58	53	57	56	71	70	68
15	16	16	17	16	15	14	13	12	12	12	12	12	12	12	12	12	13	13	14	14	15
540	2370	2057	1755	1492	1222	1177	1141	1220	1206	1126	1130	1155	1159	1162	1159	1290	1737	2211	2472	2731	2811
0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	6	11	10	10	10
359	330	307	213	191	175	172	164	187	188	194	197	195	193	194	235	256	278	332	429	473	476
62	61	60	60	60	60	59	59	59	59	59	60	60	61	61	62	62	63	64	66	67	68
555	545	458	432	432	423	423	421	421	414	420	388	391	388	388	427	449	552	559	552	562	583
178	174	170	173	175	177	181	183	185	187	186	185	183	182	181	180	179	184	189	193	198	203
11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10
262	238	216	216	218	196	196	196	196	124	198	200	225	227	227	333	300	343	363	375	375	388
15	15	15	14	13	12	11	10	9	8	8	9	9	10	10	11	12	12	11	11	10	10
121	112	103	96	94	93	91	90	88	91	93	96	98	101	103	107	117	130	142	155	166	177
38	39	40	41	40	39	37	35	33	31	29	27	25	24	22	21	22	22	23	23	24	24
21	20	20	18	16	15	14	12	10	9	9	9	9	9	9	9	9	10	12	14	16	18
044	4757	4257	3816	3468	3133	3072	3017	3074	2980	2861	2847	3051	3069	3182	3415	3607	4301	4900	5338	5688	5833
830	3070	3880	4140	4320	3820	3610	3670	3700	3700	3760	4320	4590	4670	4510	3660	2220	1230	724	495	446	380
874	7827	8137	7956	7788	6953	6682	6687	6774	6680	6621	7167	7641	7739	7692	7075	5827	5531	5624	5833	6134	6213

BOISE VALLEY CANALS

OF 1964, INCLUDING STORAGE

CHART NO. 5

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
13	13	13	13	13	13	13	14	15	16	18	20	21	22	23		456
30	27	24	22	22	23	23	21	26	31	31	33	34	32	37		901
33	33	0	0	33	33	38	40	40	39	39	38	43	51	51		1108
9	9	9	9	10	10	10	10	10	10	10	11	11	11	11		284
37	35	36	35	33	31	60	60	61	72	61	57	54	50	73		1717
12	11	16	21	27	34	41	47	51	48	45	42	39	36	33		828
49	51	53	55	58	60	62	66	70	75	80	85	89	93	98		1861
16	16	16	16	15	15	15	15	15	15	15	16	16	16	16		473
16	16	16	16	15	15	15	14	14	14	13	13	12	12	12		355
68	68	68	68	68	68	68	65	65	65	65	65	65	65	65		2028
14	15	15	14	14	12	17	19	18	36	43	45	45	42	39		678
59	57	60	63	66	69	72	74	77	79	82	85	87	88	90		2282
95	98	0	0	113	115	136	159	178	182	191	213	218	219	220		4585
0	0	0	0	0	0	35	37	39	40	43	46	48	50	52		665
12	10	11	12	14	16	18	20	21	22	23	24	26	27	29		605
113	114	114	115	115	116	116	120	125	130	135	140	144	148	152		3874
11	11	11	10	10	10	10	10	10	10	10	10	10	10	10		345
56	56	54	54	53	53	54	58	53	57	56	71	70	68	79		1776
12	12	12	12	12	12	12	12	12	13	13	14	14	15	15		407
1220	1206	1126	1130	1155	1159	1162	1159	1290	1737	2211	2472	2731	2811	2878		56712
0	0	0	0	0	0	0	0	1	6	11	10	10	10	11		79
187	188	194	197	195	193	194	235	256	278	332	429	473	476	479		8807
59	59	59	60	60	61	61	62	62	63	64	66	67	68	69		1902
421	414	420	388	391	388	388	427	449	552	559	552	562	583	588		14728
185	187	186	185	183	182	181	180	179	184	189	193	198	203	208		5579
11	11	11	11	10	10	10	10	10	10	10	10	10	10	10		319
196	124	198	200	225	227	227	333	300	343	363	375	375	388	394		7723
9	8	8	9	9	10	10	11	12	12	11	11	10	10	9		347
88	91	93	96	98	101	103	107	117	130	142	155	166	177	181		3744
33	31	29	27	25	24	22	21	22	22	23	23	24	24	25		913
10	9	9	9	9	9	9	9	9	10	12	14	16	18	21		465
3074	2980	2861	2847	3051	3069	3182	3415	3607	4301	4900	5338	5688	5833	5978		126546
3700	3700	3760	4320	4590	4670	4510	3660	2220	1230	724	495	446	380	346		89031
6774	6680	6621	7167	7641	7739	7692	7075	5827	5531	5624	5833	6134	6213	6324		215577

DISCHARGE IN SECOND FEET 0

BY DAYS DURING THE IRRIGATION SEASON

NAME OF CANAL	JULY														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BALLANTINE	23	24	24	25	25	26	26	26	25	24	23	22	21	21	21
BOISE CITY	32	32	32	31	34	33	33	33	33	33	33	33	33	33	33
BOISE VALLEY	51	53	54	54	52	52	52	52	52	52	51	51	51	51	51
BUBB	12	12	13	14	15	15	15	16	17	17	18	19	19	19	19
CALDWELL HIGH LINE	74	61	64	61	60	54	56	64	71	79	78	110	91	47	44
CAMPBELL	27	27	27	28	28	29	29	29	28	27	26	25	24	22	21
CANYON COUNTY	99	99	100	100	101	101	101	101	102	102	103	103	104	105	103
CRUZEN (CONSUMERS)	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17
DAVIS DITCH	13	13	14	14	15	15	15	14	14	14	13	13	13	13	13
EAGLE ISLAND CANALS	65	65	65	65	65	65	65	65	65	55	55	55	55	55	55
EUREKA #1	34	30	31	38	31	34	34	33	31	32	31	31	31	32	29
EUREKA #2	92	93	94	95	95	96	97	98	100	102	105	108	110	112	114
FARMERS UNION	214	211	210	208	213	213	213	213	210	214	215	217	218	219	208
LITTLE PIONEER	51	50	49	47	45	44	43	44	45	46	48	49	50	51	51
LOWER CENTER POINT	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MIDDLETON CANALS	153	155	156	157	158	160	162	161	160	160	159	159	158	158	162
MISCELLANEOUS	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11
NEW DRY CREEK	85	85	86	88	94	83	80	76	74	70	69	65	62	62	66
NEW UNION	14	14	13	13	12	12	13	14	15	15	16	17	18	18	17
NEW YORK CANAL	2881	2886	2881	2971	2966	2966	2977	2977	2977	2983	2886	2864	2870	2870	2870
PENITENTIARY	11	11	11	11	11	10	11	12	9	11	11	11	12	11	12
PHYLLIS	488	500	505	508	517	524	524	523	521	524	525	523	521	518	497
PIONEER DIXIE	70	70	71	71	72	72	73	73	73	73	74	74	74	75	75
RIDENBAUGH	602	601	596	604	604	599	603	602	601	607	609	604	611	607	610
RIVERSIDE #2	213	210	206	202	197	193	188	185	189	192	195	199	203	206	210
ROSSI MILL	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11
SEBREE (FARMERS CO-OP)	402	402	391	393	402	422	417	428	421	423	420	416	406	397	391
SIEBENBERG	9	9	9	9	10	10	10	10	10	10	10	9	9	9	9
SETTLERS	185	189	193	197	199	201	201	201	201	201	201	201	201	200	199
THURMAN MILL	27	29	30	31	33	34	35	36	37	39	41	42	43	43	42
UPPER CENTER POINT	24	25	27	28	30	31	32	33	32	31	30	29	29	28	28
TOTAL CANAL DIVERSIONS	6017	6022	6018	6129	6150	6160	6171	6185	6180	6204	6113	6117	6103	6031	5991
RIVER AT NOTUS	221	86	80	151	235	268	195	130	116	130	120	217	341	495	384
TOTALS	6238	6108	6098	6280	6385	6428	6366	6315	6296	6334	6233	6334	6446	6546	6376

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1964, INCLUDING STORAGE

JULY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
26	25	24	23	22	21	21	21	21	21	20	20	20	20	19	18	18	18	17	16	15	15
33	33	33	33	33	33	33	33	32	32	32	32	32	29	31	31	31	30	30	31	30	30
52	52	52	51	51	51	51	51	51	50	50	50	50	50	50	51	51	46	47	47	47	47
16	17	17	18	19	19	19	19	19	19	19	19	19	18	18	17	17	16	16	15	15	15
64	71	79	78	110	91	47	44	49	56	62	69	58	62	70	61	69	92	72	82	80	81
29	28	27	26	25	24	22	21	22	23	25	27	29	30	31	31	32	32	32	32	33	33
101	102	102	103	103	104	105	103	101	98	94	91	88	86	85	85	84	84	84	83	83	81
16	16	17	17	17	17	17	17	16	16	15	15	15	15	16	16	17	17	18	18	17	16
14	14	14	13	13	13	13	13	14	14	15	15	15	15	15	15	16	16	16	16	16	16
65	65	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
33	31	32	31	31	31	32	29	31	31	31	30	29	31	35	31	32	32	33	31	32	36
98	100	102	105	108	110	112	114	113	112	110	108	106	104	103	107	112	117	122	127	132	136
213	210	214	215	217	218	219	208	208	210	210	207	207	207	207	205	205	204	203	199	200	200
44	45	46	48	49	50	51	51	51	52	52	52	52	53	53	53	53	52	51	50	50	49
30	30	30	30	30	30	30	30	31	32	33	33	34	34	35	34	33	32	32	32	31	30
161	160	160	159	159	158	158	162	166	170	174	178	180	182	183	184	185	185	186	187	188	185
10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	15	15	15	15
76	74	70	69	65	62	62	66	66	58	78	75	78	74	74	74	68	66	66	65	70	65
14	15	15	16	17	18	18	17	17	16	16	15	15	15	15	15	15	15	15	15	16	17
2977	2977	2983	2886	2864	2870	2870	2870	2864	2864	2903	2909	2914	2909	2909	2914	2914	2914	2914	2909	2909	2909
12	9	11	11	11	12	11	12	11	11	11	11	11	11	12	11	13	12	12	12	12	12
523	521	524	525	523	521	518	497	473	453	453	454	477	477	465	495	474	478	479	479	482	484
73	73	73	74	74	74	75	75	74	73	72	70	69	68	67	67	66	66	65	65	64	64
602	601	607	609	604	611	607	610	608	612	610	609	602	606	607	608	605	607	606	599	609	609
185	189	192	195	199	203	206	210	207	204	201	199	196	193	190	184	179	173	168	162	157	152
10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10
428	421	423	420	416	406	397	391	393	392	392	391	397	396	387	396	390	384	382	382	382	382
10	10	10	10	9	9	9	9	9	9	10	10	10	11	11	11	10	10	9	9	8	8
201	201	201	201	201	201	200	199	198	197	196	195	194	194	194	194	194	195	195	195	195	196
36	37	39	41	42	43	43	42	42	41	41	40	40	40	41	41	42	42	43	43	42	41
33	32	31	30	29	29	28	28	28	27	26	26	25	24	24	24	25	25	26	26	27	27
6185	6180	6204	6113	6117	6105	6051	6019	5992	5970	6028	6027	6039	6031	6024	6050	6028	6038	6020	6008	6022	6016
130	116	130	120	217	341	495	456	384	352	358	352	352	299	264	299	221	249	278	283	320	395
6313	6296	6334	6233	6334	6446	6546	6475	6376	6322	6386	6379	6391	6330	6288	6349	6249	6287	6298	6291	6342	6411

VALLEY CANALS

54, INCLUDING STORAGE

CHART NO. 5

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
21	20	20	20	20	19	18	18	18	17	16	15	15	16	16	646
32	32	32	32	29	31	31	31	30	30	31	30	30	30	29	983
50	50	50	50	50	50	51	51	46	47	47	47	47	47	47	1560
19	19	19	19	18	18	17	17	16	16	15	15	15	15	15	512
56	62	69	58	62	70	61	69	92	72	82	80	81	85	79	2141
23	25	27	29	30	31	31	32	32	32	32	33	33	32	31	872
98	94	91	88	86	85	85	84	84	84	83	83	81	79	76	2906
16	15	15	15	15	16	16	17	17	18	18	17	16	16	15	504
14	15	15	15	15	15	15	16	16	16	16	16	16	16	15	451
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	1795
31	31	30	29	31	35	31	32	32	33	31	32	36	38	45	1010
112	110	108	106	104	103	107	112	117	122	127	132	136	133	130	3383
210	210	207	207	207	207	205	205	204	203	199	200	200	200	194	6462
52	52	52	52	53	53	53	53	52	51	50	50	49	49	48	1533
32	33	33	34	34	35	34	33	32	32	32	31	30	30	30	966
170	174	178	180	182	183	184	185	185	186	187	188	185	182	178	5271
11	11	11	11	11	11	11	12	12	15	15	15	15	15	14	358
58	78	75	78	74	74	74	68	66	66	65	70	65	62	48	2232
16	16	15	15	15	15	15	15	15	15	15	16	17	18	19	475
2864	2903	2909	2914	2909	2909	2914	2914	2914	2914	2909	2909	2909	2909	2812	90201
11	11	11	11	11	12	11	13	12	12	12	12	12	11	12	350
453	453	454	477	477	465	495	474	478	479	479	482	484	452	401	15194
73	72	70	69	68	67	67	66	66	65	65	64	64	64	64	2168
612	610	609	602	606	607	608	605	607	606	599	609	609	581	579	18717
204	201	199	196	193	190	184	179	173	168	162	157	152	153	155	5861
11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	324
392	392	391	397	396	387	396	390	384	382	382	382	382	356	351	12284
9	10	10	10	11	11	11	10	10	9	9	8	8	8	8	293
197	196	195	194	194	194	194	194	195	195	195	195	196	196	197	6095
41	41	40	40	40	41	41	42	42	43	43	42	41	40	39	1200
27	26	26	25	24	24	24	25	25	26	26	27	27	26	24	847
5970	6028	6027	6039	6031	6024	6050	6028	6038	6020	6008	6022	6016	5924	5736	187594
352	358	352	352	299	264	299	221	249	278	283	320	395	518	541	8706
6322	6386	6379	6391	6330	6288	6349	6249	6287	6298	6291	6342	6411	6442	6277	196300

DISCHARGE IN SECOND FEET OF

BY DAYS DURING THE IRRIGATION SEASON

AUGUST

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BALLANTINE	17	17	18	19	19	19	19	19	19	19	19	19	18	18	17
BOISE CITY	33	33	32	34	34	34	34	34	34	34	33	32	32	31	30
BOISE VALLEY	47	47	45	45	46	46	46	46	46	46	46	46	45	45	45
BUBB	15	15	15	15	15	15	16	16	16	16	16	17	17	17	18
CALDWELL HIGH LINE	79	79	78	64	90	85	77	78	77	75	70	67	63	67	69
CAMPBELL	30	29	28	27	26	27	28	29	30	31	32	33	33	33	32
CANYON COUNTY	73	70	68	66	66	67	67	68	68	69	70	70	70	71	71
CRUZEN (CONSUMERS)	15	14	14	14	14	14	15	15	15	15	15	15	15	15	15
DAVIS DITCH	15	15	15	15	15	15	14	14	14	14	14	14	14	14	13
EAGLE ISLAND CANALS	55	55	55	55	55	55	55	55	55	55	55	55	48	48	48
EUREKA #1	23	21	24	26	28	33	33	33	33	33	37	36	31	31	31
EUREKA #2	127	125	123	120	117	116	116	115	114	114	113	113	113	113	114
FARMERS UNION	194	194	191	191	192	194	194	194	194	194	204	202	202	201	200
LITTLE PIONEER	48	47	46	45	43	41	39	37	35	33	30	31	32	31	33
LOWER CENTER POINT	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29
MIDDLETON CANALS	174	170	167	164	166	168	170	172	174	176	179	178	177	175	173
MISCELLANEOUS	14	13	13	13	13	13	12	11	11	11	11	11	11	11	11
NEW DRY CREEK	52	51	58	57	60	62	62	61	62	64	57	54	57	57	56
NEW UNION	20	21	22	21	20	19	17	15	13	12	11	10	11	12	13
NEW YORK CANAL	2690	2536	2529	2529	2529	2529	2535	2535	2535	2535	2529	2529	2529	2535	2529
PENITENTIARY	11	8	6	7	7	5	2	3	5	5	5	5	8	11	5
PHYLLIS	387	374	386	372	363	357	357	358	358	385	409	404	406	427	425
PIONEER DIXIE	64	65	65	65	65	65	65	65	64	64	64	64	64	65	66
RIDENBAUGH	572	572	572	573	578	579	554	559	553	557	560	561	564	560	563
RIVERSIDE #2	157	158	160	161	162	161	160	159	159	158	157	156	157	158	159
ROSSI MILL	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11
SEBREE (FARMERS CO-OP)	347	343	338	335	339	330	347	347	347	341	341	342	350	351	353
SIEBENBERG	8	9	9	9	9	9	8	8	8	7	7	7	7	7	8
SETTLERS	197	198	199	197	195	193	191	189	187	185	185	184	184	183	183
THURMAN MILL	38	37	36	37	38	39	40	41	42	43	43	43	42	42	42
UPPER CENTER POINT	22	20	18	17	16	17	18	18	19	20	21	22	22	22	23
TOTAL CANAL DIVERSIONS	5564	5376	5370	5333	5360	5347	5331	5334	5327	5351	5374	5361	5363	5392	5384
RIVER AT NOTUS	552	546	564	456	384	352	395	412	406	380	341	283	264	288	309
TOTALS	6116	5922	5934	5789	5744	5699	5726	5746	5733	5731	5715	5644	5627	5680	5693

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1964, INCLUDING STORAGE

AUGUST

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
19	19	19	19	18	18	17	16	16	15	15	16	16	17	17	18	18	18	17	16	15	15
34	34	33	32	32	31	30	29	28	30	27	28	29	30	32	29	35	35	35	35	35	35
46	46	46	46	45	45	45	44	44	45	45	45	46	46	46	48	48	48	47	47	47	46
16	16	16	17	17	17	18	18	19	19	18	17	16	16	15	14	14	14	14	13	13	13
77	75	70	67	63	67	69	66	63	66	63	65	63	62	52	50	50	48	54	54	52	50
30	31	32	33	33	33	32	32	31	31	31	31	30	29	29	28	27	27	28	29	30	31
68	69	70	70	70	71	71	71	72	72	72	75	78	81	83	86	88	86	84	81	78	76
15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14
14	14	14	14	14	14	13	13	13	13	13	13	14	14	15	15	15	15	15	15	15	15
55	55	55	55	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
33	33	37	36	31	31	31	31	31	30	32	32	31	32	31	31	33	31	32	33	33	32
114	114	113	113	113	113	114	114	114	115	115	113	110	107	104	101	98	96	93	90	88	85
194	194	204	202	202	201	200	199	198	195	194	194	192	192	192	189	188	187	188	180	173	174
35	33	30	31	32	31	33	34	35	36	37	37	38	39	40	41	41	38	35	33	30	27
30	30	30	30	30	30	30	29	29	29	29	29	31	33	35	37	38	38	36	35	34	32
174	176	179	178	177	175	173	171	170	169	168	167	166	165	165	164	163	156	148	140	132	124
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
62	64	57	54	57	57	56	57	57	57	61	55	46	51	55	57	57	59	58	61	57	53
13	12	11	10	11	12	13	13	14	15	15	15	14	14	13	13	13	13	13	14	14	14
2535	2535	2529	2529	2529	2535	2529	2529	2546	2546	2599	2644	2651	2702	2702	2702	2702	2702	2702	2634	2634	2634
5	5	5	5	8	11	5	5	4	7	5	5	5	5	5	5	8	8	8	8	8	7
358	385	409	404	406	427	425	423	419	412	442	440	441	442	441	441	439	439	444	439	407	380
64	64	64	64	64	65	66	66	67	68	68	66	65	64	63	62	60	58	57	56	55	54
553	557	560	561	564	560	563	565	569	572	568	573	576	566	570	571	570	569	552	554	553	543
159	158	157	156	157	158	158	159	159	160	162	161	159	156	153	150	149	148	150	152	154	156
10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12
347	341	341	342	350	351	353	354	356	363	358	351	350	350	350	349	349	349	344	324	319	314
8	7	7	7	7	7	7	8	8	8	8	8	9	9	10	10	11	12	11	11	10	10
187	185	185	184	184	183	183	182	182	181	181	181	181	181	182	182	182	182	181	181	180	180
42	43	43	43	42	42	42	41	41	41	41	40	40	39	39	39	39	39	39	38	38	38
19	20	21	22	22	22	23	23	24	24	25	25	25	24	24	23	23	23	21	19	17	15
5327	5351	5374	5361	5363	5392	5384	5377	5394	5404	5477	5511	5507	5550	5547	5539	5543	5523	5491	5377	5306	5238
406	380	341	283	264	288	309	330	363	374	330	352	395	446	467	450	400	450	473	524	546	569
5733	5731	5715	5644	5627	5680	5693	5707	5757	5778	5807	5863	5902	5996	6014	5989	5943	5973	5964	5901	5852	5807

ALLEY CANALS

INCLUDING STORAGE

CHART NO. 5

	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	13	13	16	16	17	17	18	18	18	17	16	15	15	14	535
2	30	27	28	29	30	32	29	35	35	35	35	35	35	35	1001
3	43	43	43	46	46	46	48	48	48	47	47	47	46	46	1425
4	19	18	17	16	16	15	14	14	14	14	13	13	13	13	485
5	66	63	63	63	62	52	50	50	48	54	54	52	50	50	2026
6	31	31	31	30	29	29	28	27	27	28	29	30	31	32	924
7	72	72	73	78	81	83	86	88	86	84	81	78	76	73	2290
8	13	13	13	13	14	14	14	14	14	14	14	14	14	14	450
9	13	13	13	14	14	15	15	15	15	15	15	15	15	15	443
10	48	48	48	48	48	48	48	48	48	48	48	48	48	48	1572
11	30	32	32	31	32	31	31	33	31	32	33	33	32	30	958
12	113	113	113	110	107	104	101	98	96	93	90	88	85	82	3378
13	193	194	194	192	192	192	189	188	187	188	180	173	174	176	5952
14	36	37	37	38	39	40	41	41	38	35	33	30	27	24	1136
15	29	29	29	31	33	35	37	38	38	36	35	34	32	30	974
16	169	168	167	166	165	165	164	163	156	148	140	132	124	116	5067
17	11	11	11	11	11	11	11	11	11	11	11	11	11	11	355
18	37	61	53	46	51	55	57	57	59	58	61	57	53	57	1768
19	13	13	13	14	14	13	13	13	13	13	14	14	14	14	458
20	2546	2599	2644	2651	2702	2702	2702	2702	2702	2702	2634	2634	2634	2634	80396
21	7	5	5	5	5	5	5	8	8	8	8	8	7	7	193
22	412	442	440	441	442	441	441	439	439	444	439	407	380	380	12597
23	68	68	66	65	64	63	62	60	58	57	56	55	54	53	1952
24	572	568	573	576	566	570	571	570	569	552	554	553	543	539	17487
25	160	162	161	159	156	153	150	149	148	150	152	154	156	159	4868
26	11	11	11	11	11	11	11	12	12	12	12	12	12	12	338
27	363	358	351	350	350	350	349	349	349	344	324	319	314	289	10620
28	8	8	8	9	9	10	10	11	12	11	11	10	10	9	271
29	181	181	181	181	181	182	182	182	182	181	181	180	180	179	5748
30	41	41	40	40	39	39	39	39	39	39	38	38	38	38	1233
31	24	24	25	25	25	24	23	23	23	21	19	17	15	12	642
32	5404	5477	5511	5507	5550	5547	5539	5543	5523	5491	5377	5306	5238	5191	167542
33	374	390	352	395	446	467	450	400	450	473	524	546	569	718	13119
34	5778	5807	5863	5902	5996	6014	5989	5943	5973	5964	5901	5852	5807	5909	180661

DISCHARGE IN SECOND FEET

BY DAYS DURING THE IRRIGATION SEAS

SEPTEMBER

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BALLANTINE	13	13	13	13	12	12	12	12	12	12	12	11	11	11	11
BOISE CITY	34	0	0	32	31	30	29	21	30	32	34	36	23	25	25
BOISE VALLEY	46	42	43	46	46	46	46	45	45	44	46	46	46	46	46
BUBB	12	12	11	11	11	10	10	10	10	9	9	8	8	8	8
CALDWELL HIGH LINE	31	30	29	29	21	21	30	35	31	33	30	29	30	29	27
CAMPBELL	33	35	34	33	32	30	29	27	26	25	25	25	25	24	24
CANYON COUNTY	70	67	64	60	57	54	51	49	46	48	50	51	53	54	55
CRUZEN (CONSUMERS)	14	13	13	12	12	11	11	11	11	11	11	11	11	11	11
DAVIS DITCH	15	15	15	15	15	15	15	15	16	16	17	17	18	18	18
EAGLE ISLAND CANALS	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
EUREKA #1	28	22	22	22	22	23	24	24	16	22	22	25	24	23	25
EUREKA #2	80	77	76	75	74	74	73	73	72	72	75	78	80	83	86
FARMERS UNION	145	106	105	126	132	129	129	131	137	138	138	147	148	148	148
LITTLE PIONEER	21	22	23	24	25	26	27	28	29	29	29	29	30	30	30
LOWER CENTER POINT	28	26	26	26	26	26	26	26	26	26	24	22	20	18	16
MIDDLETON CANALS	108	111	114	117	120	124	128	131	134	132	129	127	125	123	122
MISCELLANEOUS	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
NEW DRY CREEK	52	46	49	46	42	42	44	44	42	44	51	54	54	53	54
NEW UNION	12	10	9	8	7	6	5	4	6	8	10	12	15	17	16
NEW YORK CANAL	2539	2142	2055	2003	1997	2002	2002	2002	2007	2002	2002	2002	2031	2031	2482
PENITENTIARY	5	5	0	1	1	1	1	1	6	7	8	8	8	8	4
PHYLLIS	353	267	235	228	233	237	233	233	215	205	203	227	229	232	229
PIONEER DIXIE	52	51	51	51	51	51	51	51	51	51	53	54	56	57	58
RIDENBAUGH	498	407	425	422	414	417	417	414	414	435	430	423	460	460	465
RIVERSIDE #2	161	163	159	155	152	148	145	142	139	137	135	134	133	132	132
ROSSI MILL	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10
SEBREE (FARMERS CO-OP)	198	192	191	160	160	162	162	198	257	269	260	257	257	255	253
SIEBENBERG	9	8	8	8	8	8	8	8	8	8	8	8	9	9	10
SETTLERS	172	165	158	151	144	137	130	123	122	121	120	119	118	117	115
THURMAN MILL	36	34	32	30	28	26	24	22	23	24	25	26	27	28	28
UPPER CENTER POINT	10	7	8	8	9	9	10	10	11	11	13	15	18	21	24
TOTAL CANAL DIVERSIONS	4845	4158	4038	3982	3952	3947	3941	3959	4011	4040	4038	4070	4136	4140	4591
RIVER AT NOTUS	1220	1360	1040	908	882	967	994	889	664	593	552	518	524	506	473
TOTALS	6065	5518	5078	4890	4834	4914	4935	4848	4675	4633	4590	4588	4660	4646	5064

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1964, INCLUDING STORAGE

SEPTEMBER

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12	12	12	12	11	11	11	11	11	11	12	12	12	12	12	12	11	10	10	9	8	7
21	30	32	34	36	23	23	25	25	24	24	23	23	21	21	21	21	21	21	21	18	20
45	45	44	46	46	46	46	46	47	47	49	60	61	62	62	61	42	41	40	41	40	40
10	10	9	9	8	8	8	8	8	8	7	7	7	7	7	6	6	5	5	4	4	4
33	31	33	30	29	30	29	27	27	26	26	26	25	24	23	19	22	24	23	23	24	24
27	26	25	25	25	25	24	24	24	23	22	21	20	19	18	17	17	18	18	19	19	20
49	46	48	50	51	53	54	55	55	55	55	56	56	56	56	53	50	47	45	42	39	36
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	9	9	8	8	8
15	16	16	17	17	18	18	18	17	17	16	16	15	15	15	15	15	15	15	15	15	15
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
24	16	22	22	25	24	23	25	25	26	27	27	23	24	20	21	16	16	18	18	19	19
73	72	72	75	78	80	83	86	89	86	83	80	76	73	70	67	67	68	68	69	69	70
131	137	138	138	147	148	148	148	161	161	158	147	139	137	137	138	158	159	160	159	114	114
28	29	29	29	29	30	30	30	30	31	32	33	34	35	36	34	32	30	28	26	24	22
26	26	26	24	22	20	18	16	14	14	15	15	16	16	17	17	17	16	15	14	13	12
131	134	132	129	127	125	123	122	120	118	116	114	112	110	109	106	103	100	98	95	92	92
11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12
44	42	44	51	54	54	53	54	51	49	38	38	38	43	39	33	22	25	28	38	50	53
4	6	8	10	12	15	17	16	15	14	13	12	11	10	10	9	8	8	7	6	5	5
2002	2007	2002	2002	2002	2031	2031	2482	2482	2487	2482	2482	2487	2389	2285	2285	2235	2235	2149	2130	2115	2020
1	6	7	8	8	8	8	4	4	7	7	7	7	7	7	7	5	6	6	7	7	8
233	215	205	203	227	229	232	229	252	258	261	262	241	242	218	165	143	156	154	152	153	153
51	51	51	53	54	56	57	58	60	58	55	52	49	46	43	41	42	43	44	45	46	47
414	414	435	430	423	460	460	465	470	463	464	443	430	415	389	393	385	388	362	373	378	377
142	139	137	135	134	133	132	132	130	130	132	134	136	137	138	138	139	141	135	147	149	151
10	10	10	10	10	10	10	10	10	10	9	9	9	9	8	8	8	7	7	7	7	7
198	257	269	260	257	257	255	253	276	265	241	227	216	213	213	212	213	216	205	207	207	209
8	8	8	8	8	9	9	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9
123	122	121	120	119	118	117	115	114	112	111	110	109	108	106	105	103	102	100	99	98	95
22	23	24	25	26	27	28	28	27	26	25	24	23	22	22	21	20	18	16	14	13	13
10	11	11	13	15	18	21	24	26	24	22	19	16	14	12	10	10	10	10	11	11	11
3959	4011	4040	4038	4070	4136	4140	4591	4651	4631	4583	4537	4471	4347	4173	4093	3989	4003	3865	3868	3814	3722
889	664	593	552	518	524	506	473	473	535	564	604	670	700	676	640	652	622	581	564	564	546
4848	4675	4633	4590	4588	4660	4646	5064	5124	5166	5147	5141	5141	5047	4849	4733	4641	4625	4446	4432	4378	4268

OF BOISE VALLEY CANALS

SON OF 1964, INCLUDING STORAGE

CHART NO. 5

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	11	12	12	12	12	12	12	12	11	10	10	9	8	8	8	8	338
25	24	24	23	23	21	21	21	21	21	21	21	21	18	20	20		706
47	47	49	60	61	62	62	61	42	41	40	41	40	40	40	40		1412
8	8	7	7	7	7	7	6	6	5	5	4	4	4	4	4		236
27	26	26	26	25	24	23	19	22	24	23	23	24	24	24	24		795
4	24	23	22	21	20	19	18	17	17	18	18	19	19	20	20		722
55	55	55	56	56	56	56	53	50	47	45	42	39	36	36	36		1566
11	11	11	11	11	11	11	10	10	9	9	8	8	8	8	8		321
17	17	16	16	15	15	15	15	15	15	15	15	15	15	15	15		471
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48		1440
5	25	26	27	27	23	24	20	21	16	16	18	18	19	19	19		662
89	86	83	80	76	73	70	67	67	68	68	69	69	70	70	70		2253
161	161	158	147	139	137	137	138	158	159	160	159	114	114	115	115		4164
30	31	32	33	34	35	36	34	32	30	28	26	24	22	22	22		851
14	14	15	15	16	16	17	17	17	16	15	14	13	12	11	11		584
120	118	116	114	112	110	109	106	103	100	98	95	92	92	92	92		3422
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12		345
51	49	38	38	43	39	33	22	25	28	38	50	53	54	54	54		1316
15	14	13	12	11	10	10	9	8	8	7	6	5	5	5	5		283
2482	2487	2482	2482	2487	2389	2285	2285	2235	2235	2149	2130	2115	2020	2021	2021		65583
4	7	7	7	7	7	7	7	5	6	6	7	7	8	7	7		163
252	258	261	262	241	242	218	165	143	156	154	152	153	153	155	155		6524
60	58	55	52	49	46	43	41	42	43	44	45	46	47	48	48		1508
470	463	464	443	430	415	389	393	385	388	362	373	378	377	379	379		12610
130	130	132	134	136	137	138	138	139	141	135	147	149	151	153	153		4257
10	10	9	9	9	9	8	8	8	7	7	7	7	7	7	7		278
276	265	241	227	216	213	213	212	213	216	205	207	207	209	199	199		6550
10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9		264
114	112	111	110	109	108	106	105	103	102	100	99	98	95	92	92		3576
27	26	25	24	23	23	22	21	20	18	16	14	13	13	13	13		711
26	24	22	19	16	14	12	10	10	10	10	11	11	11	11	11		401
4651	4631	4583	4537	4471	4347	4173	4093	3989	4003	3865	3868	3814	3722	3717	3717		124312
473	535	564	604	670	700	676	640	652	622	581	564	564	546	546	546		21027
5124	5166	5147	5141	5141	5047	4849	4733	4641	4625	4446	4432	4378	4268	4263	4263		145339

DISCHARGE IN SECOND FE
BY DAYS DURING THE IRRIGATION S

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BALLANTINE	8	9	10	11	12	13	15	16	18	19	20	21	21	21	2
BOISE CITY	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
BOISE VALLEY	40	40	40	40	39	39	39	39	39	39	39	39	39	39	39
BUBB	4	5	6	6	7	7	6	6	6	5	5	5	4	4	4
CALDWELL HIGH LINE	26	26	31	30	30	30	28	29	21	20	15	15	15	10	15
CAMPBELL	18	17	16	15	14	12	10	10	10	10	10	10	10	10	10
CANYON COUNTY	39	42	45	48	51	55	57	59	60	61	63	65	67	69	71
CRUZEN (CONSUMERS)	8	9	9	10	10	10	10	10	10	10	10	10	10	10	10
DAVIS DITCH	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
EAGLE ISLAND CANALS	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
EUREKA #1	19	22	22	20	20	19	19	18	18	19	20				
EUREKA #2	69	69	68	68	68	67	67	67	67	67	67	67	67	67	67
FARMERS UNION	115	100	100	101	104	104	105	105	105	105					
LITTLE PIONEER	23	23	23	24	24	24	24	24	24	24	24	24	24	24	24
LOWER CENTER POINT	12	13	13	14	14	15	15	15	15	15	15	15	15	15	15
MIDDLETON CANALS	95	98	101	104	106	106	106	106	106	106	106	106	106	106	106
MISCELLANEOUS	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11
NEW DRY CREEK	54	54	45	39	38	38	37	36	37	38	33	33	33	39	39
NEW UNION	4	4	3	3	3	5	6	7	8	9	10	12	12	12	12
NEW YORK CANAL	1924	1915	1915	1911	1911	1806	1713	1713	1722	1718	1607	1571	1576	1571	1537
PENITENTIARY	8	6	6	6	6	6	6	6	6	5	1	1			
PHYLLIS	159	156	156	158	158	155	155	152	146	145	154				
PIONEER DIXIE	48	47	47	47	46	46	46	46	46	46	46	46	46	46	46
RIDENBAUGH	363	355	358	361	360	366	369	369							
RIVERSIDE #2	150	148	144	140	138	135	132	132	132	132	132	132	132	132	132
ROSSI MILL	7	7	8	8	8	8	8	8	8	8	8	8			
SEBREE (FARMERS CO-OP)	196	183	183	180	180	178	175	176	176	142	142	142	142	142	142
SIEBENBERG	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
SETTLERS	89	86	83	80	77	77	77	77	77	77	77	77	77	77	77
THURMAN MILL	15	17	19	20	20	18	17	15	14	12	11	10	10	10	10
UPPER CENTER POINT	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10
TOTAL CANAL DIVERSIONS	3595	3553	3553	3545	3545	3440	3349	3342	2971	2932	2676	2470	2437	2435	2408
RIVER AT NOTUS	569	604	628	646	634	634	610	587	628	634	700	730	658	634	670
TOTALS	4164	4157	4181	4191	4179	4074	3953	3929	3599	3566	3376	3200	3095	3069	3078

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W SEASON OF 1964, INCLUDING STORAGE

CHART NO. 5

[illegible]

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1964

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTAL
BALLANTINE	374	1264	912	1292	1070	676	470	6058
BOISE CITY	438	1690	1802	1966	2002	1412	480	9790
BOISE VALLEY	1829	4095	3162	4452	4067	4030	1124	22759
BUBB	198	740	568	1024	970	472	160	4132
CALDWELL HIGH LINE	2158	5374	3434	4282	4052	1590	682	21572
CAMPBELL	480	2072	1656	1744	1848	1444	364	9608
CANYON COUNTY	1842	4676	3722	5812	4580	3132	1704	25468
CRUZEN (CONSUMERS)	302	872	946	1008	900	642	232	4902
DAVIS DITCH	270	752	710	902	886	942	450	4912
EAGLE ISLAND CANALS	404	2980	4056	3590	3144	2880	1050	18104
EUREKA #1	820	1560	1356	2020	1916	1324	432	9428
EUREKA #2	1934	6050	4564	6766	6756	4506	2024	32600
FARMERS UNION	4175	9927	8224	11592	10687	7122	1752	53479
LITTLE PIONEER	942	2200	1330	3066	2272	1702	714	12226
LOWER CENTER POINT	446	1598	1210	1932	1948	1168	432	8734
MIDDLETON CANALS	1952	9340	7748	10542	10134	6844	3128	49688
MISCELLANEOUS	230	712	690	716	710	690	346	4094
NEW DRY CREEK	1166	3862	3552	4464	3536	2632	1186	20398
NEW UNION	358	630	814	950	916	566	220	4454
NEW YORK CANAL	67832	167660	113424	180402	160792	131166	52220	873496
PENITENTIARY	24	180	158	700	386	326	126	1900
PHYLLIS	6658	26782	17614	30388	25194	13048	3388	123072
PIONEER DIXIE	1212	4076	3804	4336	3904	3016	1390	21738
RIDENBAUGH	8880	32722	29456	37434	34974	25220	5802	174488
RIVERSIDE #2	4662	10974	11158	11722	9736	8514	4086	60852
ROSSI MILL	328	510	638	648	676	556	188	3544
SEBREE	2416	16100	15446	24568	21240	13100	4958	97828
SETTLERS	1570	10488	7488	12190	11496	7152	2370	52754
SIEBENBERG	226	716	694	586	542	528	270	3562
THURMAN MILL	354	2066	1826	2400	2466	1422	436	10970
UPPER CENTER POINT	290	1148	930	1694	1284	802	306	6454
TOTALS	114770	333816	253092	375188	335084	248624	92490	1753064

* FARMERS UNION FIGURES INCLUDES CAPITAL VIEW IRRIGATION.

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1964

CHART NO. 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTAL
BALLANTINE	374	1264	912	1292	1070	676	470	6058
BOISE CITY	438	1690	1802	1966	2002	1412	480	9790
BOISE VALLEY	1829	4095	3162	4452	4067	4030	1124	22759
BUBB	198	740	568	1024	970	472	160	4132
CALDWELL HIGH LINE	2158	5374	3434	4282	4052	1590	682	21572
CAMPBELL	480	2072	1656	1744	1848	1444	364	9608
CANYON COUNTY	1842	4676	3722	5812	4580	3132	1704	25468
CRUZEN (CONSUMERS)	302	872	946	1008	900	642	232	4902
DAVIS DITCH	270	752	710	902	886	942	450	4912
EAGLE ISLAND CANALS	404	2980	4056	3590	3144	2880	1050	18104
EUREKA #1	820	1560	1356	2020	1916	1324	432	9428
EUREKA #2	1934	6050	4564	6766	6756	4506	2024	32600
FARMERS UNION	4175	9927	8224	11592	10687	7122	1752	53479
LITTLE PIONEER	942	2200	1330	3066	2272	1702	714	12226
LOWER CENTER POINT	446	1598	1210	1932	1948	1168	432	8734
MIDDLETON CANALS	1952	9340	7748	10542	10134	6844	3128	49688
MISCELLANEOUS	230	712	690	716	710	690	346	4094
NEW DRY CREEK	1166	3862	3552	4464	3536	2632	1186	20398
NEW UNION	358	630	814	950	916	566	220	4454
NEW YORK CANAL	67832	167660	113424	180402	160792	131166	52220	873496
PENITENTIARY	24	180	158	700	386	326	126	1900
PHYLLIS	6658	26782	17614	30388	25194	13048	3388	123072
PIONEER DIXIE	1212	4076	3804	4336	3904	3016	1390	21738
RIDENBAUGH	8880	32722	29456	37434	34974	25220	5802	174488
RIVERSIDE #2	4662	10974	11158	11722	9736	8514	4086	60852
ROSSI MILL	328	510	638	648	676	556	188	3544
SEBREE	2416	16100	15446	24568	21240	13100	4958	97828
SETTLERS	1570	10488	7488	12190	11496	7152	2370	52754
SIEBENBERG	226	716	694	586	542	528	270	3562
THURMAN MILL	354	2066	1826	2400	2466	1422	436	10970
UPPER CENTER POINT	290	1148	930	1694	1284	802	306	6454
TOTALS	114770	333816	253092	375188	335084	248624	92490	1753064

* FARMERS UNION FIGURES INCLUDES CAPITAL VIEW IRRIGATION.

BEGINNING

NAME OF CANAL	1950	1951	1952	1953	1954	1955	1956	1957
BALLANTINE	5346	5328	5242	5858	6838	5404	6074	5404
BOISE CITY	9512	10412	9328	9254	10114	9022	9864	9328
BOISE VALLEY	18420	13068	19404	22920	23821	19189	15016	14311
BUBB (SOUTH BOISE)	4310	4586	3890	4368	5494	4182	4702	3671
CALDWELL HIGH LINE	14068	14906	13330	15824	19310	15394	20508	17851
CAMPBELL (CANYON)	5596	6406	6168	6102	6400	6102	6234	6341
CANYON COUNTY WATER CO.	23262	23282	24374	23948	25984	21860	25898	24171
CAPITAL VIEW IRR. DIST.	2556	2554	2470	2198	2198	1876	2132	19321
CRUZEN (CONSUMERS)	6828	5562	6756	6260	7876	6864	7352	61821
DAVIS DITCH								
EAGLE ISLAND CANALS	15244	15400	16744	16256	16006	13672	16802	17110
EUREKA WATER CO.	9654	10300	9682	9864	10938	9910	10024	10498
EUREKA #2	25752	25668	24708	27754	29656	25960	29688	28278
FARMERS UNION	51276	58274	46696	47750	52309	48161	63250	52426
LITTLE PIONEER	11322	10944	11666	11062	12276	10706	12564	12480
LOWER CENTER POINT	5736	5920	5790	6208	6534	5984	6806	6006
MIDDLETON WATER CO.	29886	32773	31067	32089	33263	23701	29800	29618
MIDDLETON MILL DITCH	19924	21849	20711	21393	22175	18623	21580	21448
MISCELLANEOUS	8344	8432	8592	8676	8556	7164	8930	9324
NEW DRY CREEK	19120	19954	16782	19298	20136	18204	19662	18536
NEW UNION	4218	5224	4180	4534	5938	4252	5304	4438
NEW YORK CANAL (B. OF C.)	820502	856926	863356	839026	945306	791210	979666	876992
PENITENTIARY	2642	2766	2732	2356	2778	2488	2332	2194
PHYLLIS	116662	113870	114114	103862	118430	108846	117634	106828
PIONEER DIXIE	18388	21046	21098	18876	24476	23952	23852	20014
RIDENBAUGH	166250	173836	171742	176828	192808	166426	178580	177682
RIVERSIDE #2	68812	69594	68458	63526	69950	67474	66284	58990
ROSSI MILL								
SEBREE (FARMERS CO-OP)	93470	102484	107814	105996	119806	106758	111420	99744
SIEBENBERG	2926	3120	3272	3528	3930	3294	3774	2124
SETTLERS	52044	53446	52510	49936	55290	48292	54972	47776
THURMAN MILL	10402	10500	9644	8880	8788	8688	9352	9546
UPPER CENTER POINT	5824	5994	5970	7088	6930	5144	5782	5952
TOTAL SUMMER DIVERSIONS APRIL 1 TO NOVEMBER 1	1644296	1714424	1708290	1681518	1874314	1608802	1875838	1707194

** FISH AND GAME

NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION - SEASON

JANUARY 1 TO DECEMBER 31	137978	133610	104267	154382	147710	103968	138968	96478
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* FLOOD CONTROL & OTHER LOSS

TO THE SYSTEM	6728	33224	15098	19962	21910	22198	20160	17026
TOTAL	1789002	1881258	1827655	1855862	2043934	1734963	2034966	1820698
SUMMER RETURN FLOW	400206	471172	494974	480208	508274	396138	469220	462564
AMOUNT OF NATURAL FLOW USED	1388796	1410086	1332681	1375654	1535660	1338825	1565746	1358134

* 1964 THIS FIGURE INCLUDES OTHER THAN IRRIGATION REQUIREMENTS BELOW DIVERSION DAM FROM JANUARY 1 TO DECEMBER 31

** THIS CHART IS BEING CHANGED TO CONFORM TO THE IDAHO IRRIGATION SEASON WHICH IS APRIL 1 TO NOVEMBER 1. THE OTHER THAN IRRIGATION

BEGINNING

NAME OF CANAL	1950	1951	1952	1953	1954	1955	1956	1957
BALLANTINE	5346	5328	5242	5858	6838	5404	6074	5404
BOISE CITY	9512	10412	9328	9254	10114	9022	9854	9328
BOISE VALLEY	18420	13068	19404	22920	23821	19189	15016	14311
BUBB (SOUTH BOISE)	4310	4586	3890	4368	5494	4182	4702	3671
CALDWELL HIGH LINE	14068	14906	13330	15824	19310	15394	20508	17851
CAMPBELL (CANYON)	5596	6406	6168	6102	6400	6102	6234	6342
CANYON COUNTY WATER CO.	23262	23282	24374	23948	25984	21860	25898	24178
CAPITAL VIEW IRR. DIST.	2556	2554	2470	2198	2198	1876	2132	1932
CRUZEN (CONSUMERS)	6828	5562	6756	6260	7876	6864	7352	6182
DAVIS DITCH								
EAGLE ISLAND CANALS	15244	15400	16744	16256	16006	13672	16802	17110
EUREKA WATER CO.	9654	10300	9682	9864	10938	9910	10024	10498
EUREKA #2	25752	25668	24708	27754	29656	25960	29688	28278
FARMERS UNION	51276	58274	46696	47750	52309	48161	63250	52426
LITTLE PIONEER	11322	10944	11666	11062	12276	10706	12564	12480
LOWER CENTER POINT	5736	5920	5790	6208	6534	5984	6806	6006
MIDDLETON WATER CO.	29886	32773	31067	32089	33263	23701	29800	29610
MIDDLETON MILL DITCH	19924	21849	20711	21393	22175	18623	21580	21448
MISCELLANEOUS	8344	8432	8592	8676	8556	7164	8930	9324
NEW DRY CREEK	19120	19954	16782	19298	20136	18204	19662	18536
NEW UNION	4218	5224	4180	4534	5938	4252	5304	4438
NEW YORK CANAL (B. OF C.)	820502	856926	863356	839026	945306	791210	979666	876992
PENITENTIARY	2642	2766	2732	2356	2778	2488	2332	2194
PHYLLIS	116662	113870	114114	103862	118430	108846	117634	106828
PIONEER DIXIE	18388	21046	21098	18876	24476	23952	23852	20014
RIDENBAUGH	166250	173836	171742	176828	192808	166426	178580	177682
RIVERSIDE #2	68812	69594	68458	63526	69950	67474	66284	58990
ROSSI MILL								
SEBREE (FARMERS CO-OP)	93470	102484	107814	105996	119806	106758	111420	99744
SIEBENBERG	2926	3120	3272	3528	3930	3294	3774	2124
SETTLERS	52044	53446	52510	49936	55290	48292	54972	47776
THURMAN MILL	10402	10500	9644	8880	8788	8688	9352	9546
UPPER CENTER POINT	5824	5994	5970	7088	6930	5144	5782	5952
TOTAL SUMMER DIVERSIONS								
APRIL 1 TO NOVEMBER 1	1644296	1714424	1708290	1681518	1874314	1608802	1875838	1707194

** FISH AND GAME

NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION - SEASON

JANUARY 1 TO DECEMBER 31	137978	133610	104267	154382	147710	103968	138968	96478
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* FLOOD CONTROL & OTHER LOSS

TO THE SYSTEM	6728	33224	15098	19962	21910	22198	20160	17026
TOTAL	1789002	1881258	1827655	1855862	2043934	1734963	2034966	1820698
SUMMER RETURN FLOW	400206	471172	494974	480208	508274	396138	469220	462564
AMOUNT OF NATURAL FLOW USED	1388796	1410086	1332681	1375654	1535660	1338825	1565746	1358134

* 1964 THIS FIGURE INCLUDES OTHER THAN IRRIGATION REQUIREMENTS BELOW DIVERSION DAM FROM JANUARY 1 TO DECEMBER 31

** THIS CHART IS BEING CHANGED TO CONFORM TO THE IDAHO IRRIGATION SEASON WHICH IS APRIL 1 TO NOVEMBER 1. THE OTHER THAN IRRIGATION

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1950

1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
5858	6838	5404	6074	5402	5688	5940	7288	5272	5714	6074
9254	10114	9022	9864	9320	9420	9462	9978	9470	9478	8714
22920	23821	19189	15016	14310	14634	16522	15986	13406	15856	15614
4368	5494	4182	4702	3672	3674	3896	4178	3938	4012	3614
15824	19310	15394	20508	17852	17140	15062	16194	15214	14390	17614
6102	6400	6102	6234	6342	6928	7894	8202	8792	8748	9214
23948	25984	21860	25898	24178	24296	24086	24120	22336	25854	23614
2198	2198	1876	2132	1932	2044	2156	2142	2156	2226	18414
6260	7876	6864	7352	6182	5580	5926	6498	6598	6666	5014
16256	16006	13672	16802	17110	17792	18028	18134	15946	18026	1668
9864	10938	9910	10024	10498	12996	10896	11818	7902	8416	933
27754	29656	25960	29688	28278	29664	31816	32144	25376	30012	3349
47750	52309	48161	63250	52426	55554	57346	59836	48362	56120	5658
11062	12276	10706	12564	12480	12984	14792	11482	10934	11214	1148
6208	6534	5984	6806	6006	6662	7708	7758	8548	8434	842
32089	33263	23701	29800	29618	30399	26840	27954	23780	25421	2523
21393	22175	18623	21580	21448	22013	19436	20242	17218	18409	1827
8676	8556	7164	8930	9324	9674	9534	9596	8542	9572	883
19298	20136	18204	19662	18536	19808	21036	21232	16916	19166	2281
4534	5938	4252	5304	4438	5050	4964	5178	4184	4830	4604
839026	945306	791210	979666	876992	906822	866558	1002438	773106	870060	832754
2356	2778	2488	2332	2194	2154	2214	2396	2478	2544	2326
103862	118430	108846	117634	106828	111464	118504	142170	112850	116990	116202
18876	24476	23952	23852	20014	23602	24432	24500	22264	23200	22148
176828	192808	166426	178580	177682	168762	172700	178994	144648	170984	172722
63526	69950	67474	66284	58990	50254	48252	49968	53650	56586	56954
105996	119806	106758	111420	99744	104940	110006	114058	91882	99322	96476
3528	3930	3294	3774	2124	3002	3324	3738	3910	4020	3932
49936	55290	48292	54972	47776	50362	53044	55392	46046	53132	51382
8880	8788	8688	9352	9546	9086	10176	10358	10382	11190	10038
7088	6930	5144	5782	5952	5960	6474	5814	5258	6754	6752
1681518	1874314	1608802	1875838	1707194	1748408	1729024	1909786	1541364	1717346	1678932
154382	147710	103968	138968	96478	105508	96046	138466	37632	98062	73814
19962	21910	22198	20160	17026	33088	20580	00	3510	3510	30152
1855862	2043934	1734963	2034966	1820698	1887004	1845650	2048252	1582506	1818918	1782898
480208	508274	396138	469220	462564	454864	458458	500232	315814	382012	444236
1375654	1535660	1338825	1565746	1358134	1432140	1387192	1548020	1266692	1436906	1338662

BELOW DIVERSION DAM FROM JANUARY 1 TO DECEMBER 31

ION SEASON WHICH IS APRIL 1 TO NOVEMBER 1. THE OTHER THAN IRRIGATION REQUIREMENT WILL BE JANUARY 1 TO DECEMBER 31.

IONS IN ACRE FEET

1950

CHART NO. 7

1957	1958	1959	1960	1961	1962	1963	1964
402	5688	5940	7288	5272	5714	6050	6058
320	9420	9462	9978	9470	9478	8732	9790
310	14634	16522	15986	13406	15856	15688	22759
672	3674	3896	4178	3938	4012	3622	4132
852	17140	15062	16194	15214	14390	17698	21572
342	6928	7894	8202	8792	8748	9220	9608
178	24296	24086	24120	22336	25854	23610	25468
932	2044	2156	2142	2156	2226	1848	2240
182	5580	5926	6498	6598	6666	5018	4902
							4912
1110	17792	18028	18134	15946	18026	16682	18104
1498	12996	10896	11818	7902	8416	9334	9428
3278	29664	31816	32144	25376	30012	33494	32600
2426	55554	57346	59836	48362	56120	56582	51239
2480	12984	14792	11482	10934	11214	11486	12226
6006	6662	7708	7758	8548	8434	8422	8734
9618	30399	26840	27954	23780	25421	25237	28819
1448	22013	19436	20242	17218	18409	18275	20869
9324	9674	9534	9596	8542	9572	8832	4094
8536	19808	21036	21232	16916	19166	22812	20398
4438	5050	4964	5178	4184	4830	4604	4454
76992	906822	866358	1002438	773106	870060	832754	873496
2194	2154	2214	2396	2478	2544	2326	1900
06828	111464	118504	142170	112850	116990	116202	123072
20014	23602	24432	24500	22264	23200	22148	21798
77682	168762	172700	178994	144648	170984	172722	174488
58990	50254	48252	49968	53650	56586	56954	60852
							3544
99744	104940	110006	114058	91882	99322	96476	97828
2124	3002	3324	3738	3910	4020	3932	3562
47776	50362	53044	55392	46046	53132	51382	52754
9546	9086	10176	10358	10382	11190	10038	10970
5952	5960	6474	5814	5258	6754	6752	6454
707194	1748408	1729024	1909786	1541364	1717346	1678932	1753064
							10654
96478	105508	96046	138466	37632	98062	73814	31404
17026	33088	20580	00	3510	3510	30152	70566
820698	1887004	1845650	2048252	1582506	1818918	1782898	1864688
462564	454864	458458	500232	315814	382012	444236	492942
358134	1432140	1387192	1548020	1266692	1436906	1338662	1371746

THAN IRRIGATION REQUIREMENT WILL BE JANUARY 1 TO DECEMBER 31.

TRIBUTARY AND RETURN FLOW

IRRIGATION SEASON OF

APRIL

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOISE SEWER	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11
DAVIS DRAIN								2	2	2	2	2	2	2	2
DRAINAGE DISTRICT #3								2	2	3	3	4	4	5	5
EAGLE DRAIN									21	24	28	31	35	38	41
FIVE MILE CREEK								25	25	26	26	27	27	28	28
HARTLEY DRAIN									7	9	10	12	13	14	15
HARTLEY GULCH									6	6	7	8	9	10	10
INDIAN CREEK										192	183	174	165	156	147
MASON CREEK								10	10	9	9	8	8	7	7
MASON DRAIN								43	41	39	37	35	33	31	29
NORTH MIDDLETON DRAIN									10	11	12	13	14	15	16
PHYLLIS WASTE								3	3	3	3	4	4	4	4
SOUTH MIDDLETON DRAIN									36	36	36	35	35	35	35
THURMAN DRAIN								12	12	12	12	12	12	12	13
WILLOW CREEK									18	18	19	20	21	21	22
TOTALS	10	10	10	10	10	10	10	107	203	400	397	395	392	388	385

MAY

BOISE SEWER	12	13	13	13	13	13	13	13	13	13	13	13	13	14	14
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DRAINAGE DISTRICT #3	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10
EAGLE DRAIN	75	70	65	60	55	54	53	52	51	50	50	49	50	51	52
FIVE MILE CREEK	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60
HARTLEY DRAIN	32	32	35	37	39	40	41	42	43	44	45	46	47	48	49
HARTLEY GULCH	20	20	19	19	18	17	16	15	14	13	12	11	12	13	14
INDIAN CREEK	167	170	175	180	185	181	177	173	169	165	160	156	152	148	144
MASON CREEK	3	3	3	3	3	4	5	6	7	8	9	10	11	11	12
MASON DRAIN	125	127	127	127	127	124	120	117	114	110	107	104	101	98	95
NORTH MIDDLETON DRAIN	25	24	23	22	21	20	19	18	17	16	15	14	16	18	20
PHYLLIS WASTE	4	7	7	7	7	7	7	7	7	7	7	7	7	7	7
SOUTH MIDDLETON DRAIN	34	38	42	46	50	54	58	62	66	70	74	78	79	80	82
THURMAN DRAIN	14	14	15	15	15	15	15	15	15	15	15	15	15	15	16
WILLOW CREEK	30	27	26	25	24	23	22	21	20	18	17	15	15	16	17
TOTALS	586	591	598	604	609	606	602	599	596	591	588	584	586	589	594

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1964

APRIL

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	11	11	11
24	28	31	35	38	41	45	48	51	55	58	62	65	69	72	75	79	83	86	89	80
26	26	27	27	28	28	29	29	30	30	31	31	31	31	31	31	31	31	31	31	31
9	10	12	13	14	15	17	18	19	20	22	24	25	27	28	29	31	32	32	32	32
6	7	8	9	10	10	11	12	13	14	14	15	16	17	17	18	19	20	20	20	20
192	183	174	165	156	147	138	129	120	111	103	109	115	121	127	133	139	145	151	157	162
9	9	8	8	7	7	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4
39	37	35	33	31	29	27	25	23	22	21	30	40	50	60	70	80	90	100	110	120
11	12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	26	26	26	26
3	3	4	4	4	4	5	5	5	5	6	6	6	6	5	5	5	4	4	4	4
6	36	36	35	35	35	34	34	34	33	33	33	32	32	32	31	31	31	30	30	30
2	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14
8	18	19	20	21	22	23	24	25	25	26	27	28	28	29	30	30	31	31	31	31
3	400	397	395	392	388	385	384	380	377	373	372	396	419	443	465	487	512	535	553	566

MAY

3	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	16
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
0	10	10	10	10	10	10	10	10	10	11	11	12	12	13	13	13	13	13	13	13
51	50	50	49	50	51	52	54	56	58	60	61	61	62	63	64	65	66	67	68	70
18	50	52	54	56	58	60	62	64	68	70	70	70	70	70	70	70	70	200	225	240
13	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	60	60	60
14	13	12	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	25	26	28
69	165	160	156	152	148	144	138	134	128	122	122	122	122	122	122	122	122	249	249	249
7	8	9	10	11	11	12	13	14	15	16	16	15	15	15	14	14	14	13	13	12
14	110	107	104	101	98	95	91	86	82	79	82	84	86	88	90	92	94	96	100	120
17	16	15	14	16	18	20	22	24	26	28	30	32	34	37	40	43	46	49	52	58
7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8
66	70	74	78	79	80	82	83	85	86	88	89	90	91	93	95	96	97	101	105	114
15	15	15	15	15	15	16	16	16	17	17	17	17	17	17	17	17	18	18	19	19
20	18	17	15	15	16	17	18	18	19	20	21	21	22	23	24	25	26	29	31	36
96	591	588	584	586	589	594	595	597	601	604	615	621	631	643	654	664	675	944	985	1045

BOISE RIVER

1964

CHART NO. 8

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	316
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	46
6	6	7	7	8	8	9	9	10	10	11	11	11	11	11	11	163
45	48	51	55	58	62	65	69	72	75	79	83	86	89	80		1229
29	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31	671
17	18	19	20	22	24	25	27	28	29	31	32	32	32	32		468
11	12	13	14	14	15	16	17	17	18	19	20	20	20	20		302
138	129	120	111	103	109	115	121	127	133	139	145	151	157	162		2977
6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	134
27	25	23	22	21	30	40	50	60	70	80	90	100	110	120		1156
17	18	19	20	20	21	22	23	24	25	26	26	26	26	26		430
5	5	5	5	6	6	6	6	5	5	5	4	4	4	4	4	103
34	34	34	33	33	33	32	32	32	31	31	31	30	30	30		728
13	13	13	13	13	13	13	13	13	13	13	14	14	14	14		296
23	24	25	25	26	27	28	28	29	30	30	31	31	31	31		558
384	380	377	373	372	396	419	443	465	487	512	535	553	566	578		9577
14	14	14	14	14	14	14	14	14	14	14	14	15	15	16	16	426
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	62
10	10	10	10	11	11	12	12	13	13	13	13	13	13	13	13	341
54	55	58	60	61	61	62	63	64	65	66	67	68	69	70	71	1852
62	64	68	70	70	70	70	70	70	70	70	200	225	230	240	245	2584
50	51	52	53	54	55	56	57	58	59	60	60	60	60	60	60	1525
15	16	17	18	19	20	21	22	23	24	25	25	26	27	28	29	588
138	134	128	122	122	122	122	122	122	122	122	249	249	249	249	249	5123
13	14	15	16	16	15	15	15	14	14	14	13	13	13	12	12	322
51	85	82	79	82	84	86	88	90	92	94	96	100	110	120	130	3233
22	24	26	28	30	32	34	37	40	43	46	49	52	55	58	62	926
7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	223
83	85	86	88	89	90	91	93	95	96	97	101	105	109	114	119	2454
16	16	16	17	17	17	17	17	17	17	18	18	18	19	19	19	503
18	18	19	20	21	21	22	23	24	25	26	29	31	34	36	38	721
595	597	601	604	615	621	631	643	654	664	675	944	985	1013	1045	1075	20883

TRIBUTARY AND RETURN FLOW

IRRIGATION SEASON OF

JUNE

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOISE SEWER	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DRAINAGE DISTRICT #3	13	13	13	14	14	14	15	15	15	15	14	14	14	13	13
EAGLE DRAIN	72	73	72	71	70	69	68	67	66	65	64	63	62	61	60
FIVE MILE CREEK	249	249	250	251	252	253	254	256	257	258	259	260	261	262	263
HARTLEY DRAIN	61	61	61	61	62	62	62	62	60	58	56	53	50	48	45
HARTLEY GULCH	29	30	30	31	32	33	34	35	34	33	32	31	30	29	28
INDIAN CREEK	249	249	249	256	263	270	278	286	293	300	299	298	296	294	292
MASON CREEK	12	12	11	11	10	10	9	9	9	8	8	8	7	7	7
MASON DRAIN	140	149	145	142	139	136	133	130	127	124	121	119	116	113	110
NORTH MIDDLETON DRAIN	66	70	74	77	80	83	86	89	87	85	82	80	78	76	74
PHYLLIS WASTE	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
SOUTH MIDDLETON DRAIN	124	128	132	136	140	145	150	155	152	149	147	144	141	138	135
THURMAN DRAIN	19	19	18	18	17	17	16	16	15	15	14	14	13	13	12
WILLOW CREEK	34	33	32	31	30	29	28	27	26	26	25	25	24	24	23
TOTALS	1092	1110	1111	1123	1133	1145	1157	1171	1165	1160	1145	1133	1116	1102	1086

JULY

BOISE SEWER	15	15	15	16	16	16	17	17	17	17	17	17	17	17	17
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DRAINAGE DISTRICT #3	22	22	22	22	22	22	22	22	22	23	23	23	23	23	23
EAGLE DRAIN	63	65	67	69	70	72	73	74	75	76	78	79	80	81	80
FIVE MILE CREEK	86	87	88	89	90	91	92	93	94	95	96	97	98	99	98
HARTLEY DRAIN	49	52	55	57	59	61	63	63	62	62	61	61	60	59	58
HARTLEY GULCH	17	17	17	17	16	16	16	16	16	16	16	16	16	15	15
INDIAN CREEK	175	177	179	181	183	186	189	192	194	196	198	200	202	204	205
MASON CREEK	13	13	14	15	16	17	18	19	20	21	22	23	24	25	24
MASON DRAIN	71	77	83	89	95	101	107	113	119	125	131	138	145	151	151
NORTH MIDDLETON DRAIN	35	32	29	26	24	22	20	21	22	23	24	25	27	29	31
PHYLLIS WASTE	7	8	10	11	13	14	15	15	15	15	14	14	14	14	13
SOUTH MIDDLETON DRAIN	86	81	77	74	71	68	65	67	69	71	73	75	77	80	84
THURMAN DRAIN	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
WILLOW CREEK	20	18	16	14	12	10	8	8	8	9	9	9	10	10	11
TOTALS	680	685	693	701	708	717	726	741	754	770	783	798	814	828	831

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1964

JUNE

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	15	14	14	14	13	13	13	13	13	13	13	13	13	13	14	16	18	20	21	22	22
66	65	64	63	62	61	60	60	60	60	60	60	61	61	61	61	61	62	62	62	62	62
257	258	259	260	261	262	263	252	240	228	216	204	192	180	168	156	144	132	120	108	96	84
60	58	56	53	50	48	45	43	40	38	36	34	32	30	32	34	36	38	40	42	45	47
34	33	32	31	30	29	28	26	25	24	23	22	21	20	20	20	19	19	19	18	18	18
293	300	299	298	296	294	292	290	288	280	272	264	255	247	239	231	223	215	207	199	191	183
9	8	8	8	7	7	7	8	8	9	9	10	10	10	11	11	12	12	12	13	13	13
127	124	121	119	116	113	110	107	104	101	98	95	92	89	86	83	80	77	74	71	68	65
87	85	82	80	78	76	74	72	69	67	65	63	61	59	57	55	54	51	48	45	42	39
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6
152	149	147	144	141	138	135	133	130	127	124	121	118	115	112	109	106	103	100	97	94	90
15	15	14	14	13	13	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19
26	26	25	25	24	24	23	23	22	22	21	21	20	20	20	20	20	20	20	20	20	20
1165	1160	1145	1133	1116	1102	1086	1063	1036	1006	975	945	914	883	859	834	812	787	763	737	713	684

JULY

17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24	24	24	24	24	24	24
75	76	78	79	80	81	80	79	78	77	76	75	75	74	73	72	71	70	69	68	68	68
94	95	96	97	98	99	98	98	98	98	97	97	97	96	96	96	95	95	95	95	95	95
62	62	61	61	60	59	58	57	57	56	56	55	55	55	56	56	57	57	58	58	59	59
16	16	16	16	16	15	15	15	15	15	15	15	15	16	17	18	19	20	21	22	23	24
194	196	198	200	202	204	206	211	217	223	229	235	241	247	253	259	265	271	277	283	288	288
20	21	22	23	24	25	24	23	22	22	21	21	20	20	19	18	17	17	16	16	16	16
119	125	131	138	145	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151
22	23	24	25	27	29	31	33	34	35	36	37	38	39	40	41	42	42	43	43	44	44
15	15	14	14	14	14	13	12	12	11	11	10	10	11	11	12	12	13	13	14	14	14
69	71	73	75	77	80	84	88	91	93	95	97	99	100	101	102	102	103	103	104	104	105
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
8	9	9	9	10	10	10	11	11	11	12	12	12	12	12	12	13	13	13	13	14	14
754	770	783	798	814	828	831	839	847	853	860	866	874	882	890	899	906	914	921	929	936	941

BOISE RIVER

164

CHART NO. 8

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
15	15	15	15	15	15	15	15	15	15	15	15	15	15	14		449
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		60
13	13	13	13	13	13	13	13	14	16	18	20	21	22	22		446
60	60	60	60	60	61	61	61	61	61	62	62	62	62	62		1918
252	240	228	216	204	192	180	168	156	144	132	120	108	96	84		6354
43	40	38	36	34	32	30	32	34	36	38	40	42	45	47		1429
26	25	24	23	22	21	20	20	20	19	19	19	18	18	18		783
290	288	280	272	264	255	247	239	231	223	215	207	199	191	183		7756
8	8	9	9	10	10	10	11	11	12	12	12	13	13	13		299
107	104	101	98	95	92	89	86	83	80	77	74	71	68	65		3294
72	69	67	65	63	61	59	57	55	54	51	48	45	42	39		2034
7	7	7	7	7	7	7	7	7	7	6	6	6	6	6		205
133	130	127	124	121	118	115	112	109	106	103	100	97	94	90		3795
12	13	13	14	14	15	15	16	16	17	17	18	18	19	19		472
23	22	22	21	21	20	20	20	20	20	20	20	20	20	20		726
1063	1036	1006	975	945	914	883	859	834	812	787	763	737	713	684		29960
17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	520
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	62
3	23	23	23	23	23	23	23	23	24	24	24	24	24	24	24	712
0	79	78	77	76	75	75	74	73	72	71	70	69	68	68	68	2263
8	98	98	98	97	97	97	96	96	96	95	95	95	95	95	95	2331
58	57	57	56	56	55	55	55	56	56	57	57	58	58	59	59	1792
5	15	15	15	15	15	15	16	17	18	19	20	21	22	23	24	537
5	211	217	223	229	235	241	247	253	259	265	271	277	283	288	288	6937
24	23	22	22	21	21	20	20	19	18	17	17	16	16	16	16	584
51	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	4112
31	33	34	35	36	37	38	39	40	41	42	42	43	43	44	44	1026
13	12	12	11	11	10	10	11	11	12	12	13	13	14	14	14	386
84	88	91	93	95	97	99	100	101	102	102	103	103	104	104	105	2710
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	589
10	11	11	11	12	12	12	12	12	12	13	13	13	13	14	14	370
31	839	847	853	860	866	874	882	890	899	906	914	921	929	938	941	25531

TRIBUTARY AND RETURN FLOW TO

IRRIGATION SEASON OF 19

AUGUST

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BOISE SEWER	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DRAINAGE DISTRICT #3	25	25	25	25	25	25	26	26	26	26	26	26	27	27	27
EAGLE DRAIN	67	67	66	66	65	65	65	64	64	63	63	63	63	63	63
FIVE MILE CREEK	96	96	97	97	98	98	99	100	100	101	101	101	101	101	102
HARTLEY DRAIN	60	60	61	61	61	61	61	61	61	61	61	60	60	60	60
HARTLEY GULCH	26	27	28	29	29	29	28	28	28	27	27	27	26	26	26
INDIAN CREEK	283	279	275	271	267	263	259	255	251	247	243	239	239	240	240
MASON CREEK	15	14	13	13	12	12	11	11	10	9	8	8	8	8	8
MASON DRAIN	150	150	149	148	147	146	146	145	145	144	144	145	147	149	151
NORTH MIDDLETON DRAIN	46	47	48	49	48	48	47	46	46	45	45	44	44	43	43
PHYLLIS WASTE	13	13	13	13	13	13	14	14	15	15	15	15	15	15	15
SOUTH MIDDLETON DRAIN	106	106	107	108	107	107	106	106	105	104	104	103	103	102	102
THURMAN DRAIN	19	19	19	19	18	18	18	18	18	18	18	18	19	19	20
WILLOW CREEK	14	15	15	15	15	15	15	15	16	16	16	16	17	17	17
TOTALS	940	938	936	934	925	920	915	909	905	896	891	885	889	890	894

SEPTEMBER

BOISE SEWER	19	19	19	18	18	18	18	18	17	17	17	17	17	17	17
DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DRAINAGE DISTRICT #3	28	27	27	27	26	26	26	26	25	24	22	21	20	20	19
EAGLE DRAIN	57	56	55	53	52	51	50	49	48	48	48	48	48	48	47
FIVE MILE CREEK	116	118	120	122	124	126	128	130	132	130	128	125	122	120	115
HARTLEY DRAIN	88	86	84	82	80	78	76	74	72	70	68	66	64	62	59
HARTLEY GULCH	33	32	31	30	29	28	27	26	26	25	24	23	22	21	22
INDIAN CREEK	253	253	254	254	255	256	256	257	258	259	257	255	253	252	250
MASON CREEK	7	7	6	6	5	5	4	4	4	4	5	5	5	5	6
MASON DRAIN	159	157	155	154	153	152	151	149	147	148	149	150	151	151	152
NORTH MIDDLETON DRAIN	66	65	65	64	64	63	63	62	62	61	61	60	60	59	58
PHYLLIS WASTE	18	18	18	18	18	17	17	17	17	16	15	15	14	13	12
SOUTH MIDDLETON DRAIN	145	142	139	136	133	130	127	123	119	115	112	109	106	103	100
THURMAN DRAIN	20	19	19	19	18	18	18	17	17	17	17	17	17	17	17
WILLOW CREEK	34	35	34	34	34	33	33	32	32	31	31	31	30	30	29
TOTALS	1045	1036	1028	1019	1011	1003	996	986	978	967	956	944	931	920	905

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1964

AUGUST

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	26	26	26	27	27	27	28	28	28	28	28	28	27	27	27	27	27	27	28	28
	63	63	63	63	63	63	63	63	63	64	64	64	64	64	64	64	63	62	61	60
	101	101	101	101	101	102	102	102	102	103	103	103	103	104	104	104	104	106	108	110
	61	61	60	60	60	60	60	60	60	60	62	64	66	68	70	72	74	76	79	80
	27	27	27	26	26	26	26	25	25	25	26	27	28	28	29	29	30	30	31	31
	247	243	239	239	240	240	241	242	243	244	244	245	245	246	247	248	248	249	250	251
	9	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	8
	144	144	145	147	149	151	153	155	157	159	161	163	165	167	169	170	171	169	167	165
	45	45	44	44	43	43	42	42	41	41	43	45	47	49	51	53	55	57	59	60
	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	17	17
	104	104	103	103	102	102	101	101	100	100	103	106	109	112	115	119	123	127	131	135
	18	18	18	19	19	20	20	21	21	21	22	22	22	23	23	23	23	22	22	21
	16	16	16	16	17	17	18	18	18	18	20	22	24	26	28	30	33	36	38	40
	896	891	885	889	890	894	897	900	901	907	920	933	944	959	972	984	996	1006	1020	1027

SEPTEMBER

	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	25	24	22	21	20	20	20	19	19	19	18	18	18	18	18	18	18	18	18	18
	48	48	48	48	48	48	48	47	47	47	47	47	47	47	47	47	47	47	46	46
	37	130	128	125	122	120	117	115	112	109	106	103	101	99	93	86	80	76	70	66
	72	70	68	66	64	62	60	59	58	57	57	56	56	55	55	54	54	53	52	51
	26	25	24	23	22	21	21	22	22	23	23	24	24	25	25	26	26	27	27	28
	259	259	257	255	253	252	251	250	249	248	247	246	244	242	240	244	248	252	256	261
	4	4	5	5	5	5	6	6	6	6	7	7	7	7	7	6	6	6	5	5
	147	148	149	150	151	151	152	152	153	154	155	156	157	158	160	162	164	167	170	173
	62	61	61	60	60	59	59	58	58	58	58	57	57	57	57	56	56	56	56	56
	17	16	15	15	14	13	12	12	12	11	11	10	10	10	10	10	10	10	10	10
	119	115	112	109	106	103	100	100	99	99	98	98	97	97	97	96	96	95	95	94
	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	19	19
	32	31	31	31	30	30	30	29	29	29	28	28	27	27	27	26	26	26	25	25
	978	967	956	944	931	920	912	905	900	896	891	887	881	878	873	869	868	870	869	871

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	561
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	62
28	28	28	28	28	28	27	27	27	27	27	27	28	28	28	28	829
63	63	63	64	64	64	64	64	64	64	63	62	61	60	59	58	1967
102	102	102	103	103	103	103	104	104	104	104	106	108	110	112	114	3172
60	60	60	60	62	64	66	68	70	72	74	76	79	80	84	86	2030
26	25	25	25	26	27	28	28	29	29	30	30	31	31	32	32	865
241	242	243	244	244	245	245	246	247	248	248	249	250	251	252	252	7798
8	8	8	9	9	9	9	9	9	9	9	9	9	8	8	8	298
153	155	157	159	161	163	165	167	169	170	171	169	167	165	163	161	4821
42	42	41	41	43	45	47	49	51	53	55	57	59	60	62	64	1500
15	15	15	15	15	15	15	16	16	16	16	16	17	17	17	18	465
101	101	100	100	103	106	109	112	115	119	123	127	131	135	139	142	3439
20	21	21	21	22	22	22	23	23	23	23	22	22	21	21	20	625
18	18	18	18	20	22	24	26	28	30	33	36	38	40	42	44	689
897	900	901	907	920	933	944	959	972	984	996	1006	1020	1027	1040	1048	29121
7	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	521
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	60
0	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	638
8	47	47	47	47	47	47	47	47	47	47	47	46	46	46	46	1461
7	115	112	109	106	103	101	99	93	86	80	76	70	66	61	56	3191
0	59	58	57	57	56	56	55	55	54	54	53	52	51	50	50	1927
1	22	22	23	23	24	24	25	25	26	26	27	27	28	28	28	776
1	250	249	248	247	246	244	242	240	244	248	252	256	261	266	271	7587
6	6	6	6	7	7	7	7	7	6	6	6	6	5	5	5	170
52	152	153	154	155	156	157	158	160	162	164	167	170	173	175	177	4711
59	58	58	58	58	58	57	57	57	57	56	56	56	56	56	56	1788
12	12	12	11	11	10	10	10	10	10	10	10	10	10	10	10	399
00	100	99	99	98	98	97	97	97	96	96	95	95	94	94	94	3288
17	17	17	17	17	17	17	17	18	18	18	18	18	19	19	19	533
30	29	29	29	28	28	27	27	27	26	26	26	25	25	25	25	886
12	905	900	896	891	887	881	878	873	869	868	870	869	871	872	874	27936

IRRIGATION SEASON OF

OCTOBER

[illegible]

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1964

OCTOBER

[illegible]

BOISE RIVER

64

CHART NO. 8

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

232

30

270

676

536

711

420

4398

61

2785

1101

163

1321

299

291

13294

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 9

CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)

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

IRRIGATION SEASON 1964

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTALS
BOISE RIVER AT DIVERSION DAM	125828	330942	333640	316530	273778	202224	73326	1656268
DELIVERIES TO CANALS	157774	404060	431154	392600	361322	290678	111622	2149210
TRIBUTARY GAIN	19154	41766	61188	51062	58242	55842	26588	313842
SEEPAGE GAIN	12792	31352	36326	25008	29302	32612	11708	179100
NET GAIN	31946	73118	97514	76070	87544	88454	38296	492942

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	2097	5338	5561	5105	4416	3370	2444
DELIVERIES TO CANALS	2629	6517	7186	6332	5828	4845	3721
TRIBUTARY GAIN	319	674	1020	824	939	931	886
SEEPAGE GAIN	213	505	605	403	473	544	391
NET GAIN	532	1179	1625	1227	1412	1475	1277

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CHART NO. 10

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

SECTION I

1964

	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTAL
BOISE RIVER AT DIVERSION DAM	316530	273778	202224	73326	865858
X DELIVERIES TO CANALS	324948	290588	221220	82432	919188
TRIBUTARY GAIN	8292	8088	6426	3014	25820
SEEPAGE GAIN	126	8722	12370	6092	27510
NET GAIN	8418	16810	18996	9106	53330

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION I

BOISE RIVER AT DIVERSION DAM	5105	4416	3370	2444
X DELIVERIES TO CANALS	5241	4687	3687	2748
TRIBUTARY GAIN	134	130	107	100
SEEPAGE GAIN	2	141	210	204
NET GAIN	136	271	317	304

X INCLUDES BOISE RIVER PASSING CALDWELL HIGH LINE

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE

CHART NO. 11

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

SECTION 2

1964

	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTAL
BOISE RIVER AT CALDWELL HIGH LINE	3108	2762	5674	3772	15316
X DELIVERIES TO CANALS	70760	73496	75132	32962	252350
TRIBUTARY GAIN	42770	50154	49416	23574	165914
SEEPAGE GAIN	24882	20580	20042	5616	71120
NET GAIN	67652	70734	69458	29190	237034

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

CANAL DELIVERIES = TRIBUTARY GAIN = SEEPAGE GAIN = NET GAIN

SECTION 2

BOISE RIVER AT CALDWELL HIGH LINE	50	45	95	126
X DELIVERIES TO CANALS	1141	1186	1253	1099
TRIBUTARY GAIN	690	809	824	786
SEEPAGE GAIN	401	332	334	187
NET GAIN	1091	1141	1158	973

X INCLUDES BOISE RIVER AT NOTUS

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 12

BOARD OF CONTROL (NEW YORK)

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

WARM SPRINGS.	441 ACRES
JOPLIN	94 "
CONWAY & HAMMING.	259 "
THOS. AIKEN	236 "
CATLIN & MACE	496 "
HART & DAVIS.	453 "
GRAHAM & GILBERT.	220 "
SEVEN SUCKERS	58 "
PIONEER IRRIG. DIST.	24,362 "
EUREKA WATER CO	1,800 "
*CALDWELL HIGH LINE.	13,960 "
FARMERS CO-OP DITCH CO.	15,500 "
CANYON DITCH CO	802 "
SIEBENBERG	646 "
RIVERSIDE IRRIG. DIST.	10,645 "
PIONEER DIXIE	2,030 "
EUREKA DITCH CO	2,625 "
UPPER CENTER POINT.	641 "
LOWER CENTER POINT.	880 "
BOWMAN & SWISHER.	424 "
MAMMON	538 "
HAAS	750 "
ISLAND HIGH LINE.	945 "
LARSON, BAXTER, LEMP.	200 "
BOONE.	517 "
ANDREWS.	1,068 "
PARMA DITCH CO	562 "
O'CONNELL.	120 "
MACE & MACE.	80 "
TOTAL.	325,405 "

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

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

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

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

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

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 13

ARROWROCK

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BOISE PROJECT BOARD OF CONTROL	177,816	62.01
NAMPA & MERIDIAN	55,055	19.25
PIONEER IRRIGATION DISTRICT	21,018	7.333
FARMERS UNION DITCH CO.	2,874	1.000
SETTLERS IRRIGATION DISTRICT	1,778	.62
FARMERS CO-OP CANAL CO.	1,227	.428
RIDENBAUGH CANAL	3,832	1.337
HILLCREST	23,000	8.02
TOTAL	286,600	99.998

ANDERSON

BOISE-KUNA IRRIGATION DISTRICT	112,149	26.83
NAMPA & MERIDIAN IRRIGATION DISTRICT	92,921	22.23
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH COMPANY	5,727	1.37
NEW DRY CREEK DITCH COMPANY	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLANTINE DITCH CO.	376	.09
BIG BEND IRRIGATION DISTRICT	3,887	.93
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00

BOISE RIVER STORAGE ACCOUNTS -

CANAL COMPANY	LUCKY PEAK STORAGE	ANDERSON STORAGE	ARROWROCK STORAGE	TOTAL AVAILABLE	USED JULY	BALANCE	USED AUGUST	BALANCE
BALLANTINE	691	376	0	1067	198	869	322	54
BOISE CITY	1656	0	0	1656	0	1656	298	1358
BOISE VALLEY	2927	961	0	3888	416	3472	1280	2192
BUBB	958	543	0	1501	84	1417	346	1071
CALDWELL HIGH LINE	3587	0	0	3587	0	3587	906	2681
CANYON COUNTY	3630	0	0	3630	1288	2342	1244	1098
CAPITOL VIEW	0	460	0	460	0	460	0	460
DAVIS DITCH	1006	0	0	1006	78	928	388	540
EUREKA #1	1631	0	0	1631	114	1517	768	749
EUREKA #2	2378	0	0	2378	1618	760	130	630
FARMERS UNION	11320	5727	2874	19921	1416	18505	7052	11453
LITTLE PIONEER	3165	2174	0	5339	1312	4027	1228	2799
MIDDLETON	8680	0	0	8680	810	7870	4434	3436
NEW DRY CREEK	2772	1296	0	4068	966	3102	966	2136
NEW UNION	630	0	0	630	44	586	434	152
NEW YORK	112644	315924	*254275	682843	122798	560045	157504	402541
PENITENTIARY(TRANS. TO N.Y. CANAL)	102	0	0	0	0	0	0	0
PHYLLIS	22272	25582	21018	68872	14460	54412	22772	31640
PIONEER DIXIE	256	0	0	256	224	32	32	0
RIDENBAUGH	26774	59147	3832	89753	5902	83851	16390	67461
RIVERSIDE	918	0	0	918	898	20	20	0
SEBREE	5806	0	1227	7033	4418	2615	180	2435
SETTLERS	9953	5810	**3374	19137	1532	17605	6476	11129
THURMAN MILL	1429	0	0	1429	66	1363	524	839
FISH & GAME	***49317	0	0	***49317	0	49317	0	49317
TOTALS	274400	418000	286600	979000	158642	820358	223694	596664

* LESS 3.80 ACRE FEET ON 420 ACRES OF GOVERNMENT LANDS IRRIGATED BY SETTLERS*INCREASED BY 23,000 ACRE FEET OF HILLCREST STORAGE.
 ** SETTLERS ARROWROCK STORAGE INCREASED 1596 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.
 *** FISH & GAME WATER TO BE RUN DURING WINTER MONTHS.

16,376 ACRE FEET OF LUCKY PEAK STORAGE NOT USED BY OTHER RIVER RIGHTS WAS TRANSFERRED TO THE NEW YORK CANAL
 IF ANDERSON DAM SPILLS ALL CARRYOVER IS 100%

WISE RIVER STORAGE ACCOUNTS - 1964 - IN ACRE FEET

<u>BALANCE</u>	<u>USED</u> <u>AUGUST</u>	<u>BALANCE</u>	<u>USED</u> <u>SEPTEMBER</u>	<u>BALANCE</u>	<u>USED</u> <u>OCTOBER</u>	<u>TOTAL USED</u> <u>TO</u> <u>OCT. 15-1964</u>	<u>ARROWROCK</u> <u>USED</u>	<u>ANDERSON</u> <u>CARRYOVER</u>
869	322	547	6	541	0	526	0	376
1656	298	1358	50	1308	0	348	0	0
3472	1280	2192	1008	1184	204	2908	0	961
1417	346	1071	36	1035	0	466	0	543
3587	906	2681	0	2681	0	906	0	0
2342	1244	1098	336	762	98	2966	0	0
460	0	460	0	460	0	0	0	460
928	388	540	420	120	120	1006	0	0
1517	768	749	126	623	0	1008	0	0
760	130	630	0	630	0	1748	0	0
18505	7052	11453	4578	6875	1070	14116	2874	5727
4027	1228	2799	552	2247	4	3096	0	2174
7870	4434	3436	842	2594	224	6310	0	0
3102	966	2136	62	2074	60	2054	0	1296
586	434	152	152	0	0	630	0	0
560045	157504	402541	127774	274767	48164	456240	254275	242979
0	0	0	0	0	0	0	0	0
54412	22772	31640	6054	25586	0	43286	21018	25582
32	32	0	0	0	0	256	0	0
83851	16390	67461	5928	61533	2180	30400	3832	59147
20	20	0	0	0	0	918	0	0
2615	180	2435	0	2435	0	4598	1227	0
17605	6476	11129	1902	9227	324	10234	3374	5810
1363	524	839	18	821	0	608	0	0
49317	0	49317	0	49317	0	0	0	0
820358	223694	596664	149844	446820	52448	584628	286600	345055

BY 23,000 ACRE FEET OF HILLCREST STORAGE.

TO THE NEW YORK CANAL

1964 - IN ACRE FEET

CHART NO. 13-A

ANCE	USED	BALANCE	USED	TOTAL USED	ARROWROCK USED	ANDERSON CARRYOVER	LUCKY PEAK USED
	SEPTEMBER		OCTOBER	TO OCT. 15-1964			
547	6	541	0	526	0	376	526
358	50	1308	0	348	0	0	348
1192	1008	1184	204	2908	0	961	2908
1071	36	1035	0	466	0	543	466
2681	0	2681	0	906	0	0	906
1098	336	762	98	2966	0	0	2966
460	0	460	0	0	0	460	0
540	420	120	120	1006	0	0	1006
749	126	623	0	1008	0	0	1008
630	0	630	0	1748	0	0	1748
1453	4578	6875	1070	14116	2874	5727	11242
2799	552	2247	4	3096	0	2174	3096
3436	842	2594	224	6310	0	0	6310
2136	62	2074	60	2054	0	1296	2054
152	152	0	0	630	0	0	630
02541	127774	274767	48164	456240	254275	242979	129020
0	0	0	0	0	0	0	0
31640	6054	25586	0	43286	21018	25582	22268
0	0	0	0	256	0	0	256
67461	5928	61533	2180	30400	3832	59147	26568
0	0	0	0	918	0	0	918
2435	0	2435	0	4598	1227	0	3371
11129	1902	9227	324	10234	3374	5810	6860
839	18	821	0	608	0	0	608
49317	0	49317	0	0	0	0	10654
596664	149844	446820	52448	584628	286600	345055	235737

REST STORAGE.

TABLE SHOWING ACRE FEET PER ACRE DIVERTED B
FOR EACH IRRIGATION SEASON FR

NAME OF CANAL	ACRES IRRIGATED	1947	1948	1949	1950	1951	1952	1953	1954	1955	ACRES IRRIGATED	
BALLANTINE	763	6.60	5.87	6.29	7.01	6.98	6.87	7.68	8.96	7.08	763	7.
BOISE CITY	1,828	5.14	3.33	4.95	5.22	5.70	5.10	5.06	5.53	4.94	1,828	5.
BOISE VALLEY	2,729	6.18	5.57	6.93	6.75	7.18	7.11	8.40	8.73	7.03	2,729	8.
BUBB (SOUTH BOISE)	1,057	4.92	3.87	4.05	4.08	4.34	3.68	4.13	5.20	3.96	1,057	4.
* CALDWELL HIGH LINE	3,960	4.13	3.31	3.59	3.55	3.76	3.37	4.00	4.88	3.89	3,960	5.
CAMPBELL (CANYON)	802	6.79	5.54	6.27	6.98	7.99	7.69	7.61	7.98	7.61	802	7.
CANYON COUNTY	4,007	5.40	4.53	4.76	5.81	5.81	6.08	5.98	6.48	5.46	4,007	6.
CRUZEN (CONSUMERS)	2,500	2.63	2.25	2.79	2.73	2.22	2.70	2.50	3.15	2.75	2,603	2.
*DAVIS DITCH											634	
EAGLE ISLAND CANALS	2,637	5.21	4.95	5.56	5.78	5.84	6.35	6.16	6.07	5.18	2,637	6.
EUREKA WATER CO.	1,666	5.70	4.80	5.39	5.79	6.18	5.81	5.92	6.56	5.95	1,800	5.
EUREKA #2	2,670	8.88	7.76	8.45	9.64	9.61	9.25	10.39	11.11	9.72	2,625	11.
FARMERS UNION	8,900	4.57	3.68	5.15	6.05	6.10	5.52	5.61	6.12	5.62	8,900	6.
LITTLE PIONEER	1,286	8.23	6.40	7.64	8.80	8.51	9.06	8.60	9.54	8.33	1,286	9.
LOWER CENTER POINT	880	5.01	6.63	5.93	6.52	6.73	6.57	7.05	7.43	6.80	880	7.
MIDDLETON IRRIG. ASSOC.	5,640	4.89	3.81	5.48	5.30	5.81	5.51	5.69	5.90	4.20	5,182	5.
MIDDLETON MILL	4,400	4.18	4.46	4.69	4.53	4.97	4.71	4.86	5.04	4.23	4,400	4.
*MISCELLANEOUS	1,444	5.37	5.08	5.72	5.78	5.84	5.95	6.01	5.93	4.95	* 1,444	6.
											620	
NEW DRY CREEK	3,059	6.14	5.05	6.45	6.25	6.52	5.49	6.31	6.58	5.95	3,059	6.
NEW UNION	688	6.36	5.50	5.71	6.13	7.59	6.08	6.59	8.63	6.18	688	7.
NEW YORK CANAL (B OF C)	164,332	4.70	4.42	4.90	5.83	5.21	5.25	5.11	5.75	4.81	164,824	5.
PENITENTIARY	427	6.57	5.78	7.84	6.19	6.48	6.40	5.52	6.50	5.80	321	7.
PHYLLIS	23,500	4.56	4.21	4.78	4.96	4.85	4.86	4.42	5.04	4.63	24,362	4.
PIONEER DIXIE	2,030	8.09	6.39	9.13	9.06	10.37	10.39	9.30	12.06	11.80	2,030	11.
RIDENBAUGH	26,747	5.88	4.93	5.83	6.22	6.50	6.42	6.61	7.21	6.22	26,747	6.
RIVERSIDE #2	10,645	4.74	5.50	5.11	6.09	6.54	6.43	5.97	6.57	6.34	10,645	6.
*ROSSI MILL											500	
SEBREE (FARMERS CO-OP)	15,897	5.36	5.00	5.22	5.88	6.45	6.78	6.67	7.54	6.72	15,500	7.
SIEBENBERG	646	4.40	4.89	4.47	4.53	4.83	5.07	5.46	6.08	5.10	646	5.
SETTLERS	12,300	4.01	3.55	4.29	4.23	4.35	4.27	4.06	4.50	3.93	12,282	4.
THURMAN MILL	1,799	5.81	5.36	4.84	5.78	5.84	5.36	4.94	4.88	4.83	1,799	5.
UPPER CENTER POINT	641	6.85	7.42	8.48	9.09	9.35	9.31	11.06	10.81	8.02	641	9.
TOTALS	309,880	4.92	4.56	5.09	5.75	5.53	5.51	5.43	6.05	5.19	310,757	6.

ACREAGE TABLE WAS REVISED IN 1947 & 1956

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

*DAVIS DITCH AND ROSSI MILL PREVIOUS TO 1964 SHOWN WITH MISCELLANEOUS TOTALS.

*MISCELLANEOUS HAS BEEN REVISED FOR 1964.

SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1947

CHART

1953	1954	1955	ACRES IRRIGATED	1956	1957	1958	1959	1960	1961	1962	1963	1964
7.68	8.96	7.08	763	7.96	7.08	7.45	7.78	9.55	6.91	7.49	7.92	7.94
5.06	5.53	4.94	1,828	5.40	5.10	5.15	5.18	5.46	5.18	5.18	4.78	5.36
8.40	8.73	7.03	2,729	8.12	7.74	7.92	8.94	8.65	7.25	8.58	5.75	8.34
4.13	5.20	3.96	1,057	4.45	3.51	3.48	3.68	3.95	3.73	3.80	3.43	3.91
4.00	4.88	3.89	3,960	5.18	4.51	4.33	3.80	4.09	3.84	3.63	4.46	5.45
7.61	7.98	7.61	802	7.77	7.91	8.64	9.84	10.22	10.96	10.90	11.50	11.98
5.98	6.48	5.46	4,007	6.46	6.03	6.06	6.01	6.02	5.57	6.45	5.89	6.36
2.50	3.15	2.75	2,603	2.82	2.47	2.14	2.28	2.50	2.53	2.56	1.93	1.88
6.16	6.07	5.18	634	6.37	6.49	6.75	6.84	6.88	6.05	6.84	6.33	7.75
5.92	6.56	5.95	1,800	5.57	5.83	7.22	6.05	6.56	4.39	4.68	5.19	5.24
10.39	11.11	9.72	2,625	11.31	10.83	11.30	12.12	12.24	9.67	11.43	12.76	12.42
5.61	6.12	5.62	8,900	6.54	5.34	5.69	5.80	6.11	4.96	5.71	6.57	6.01
8.60	9.54	8.33	1,286	9.77	9.70	10.10	11.50	8.93	8.50	8.72	8.93	9.51
7.05	7.43	6.80	880	7.73	6.83	7.57	8.75	8.82	9.71	9.58	9.57	9.93
5.69	5.90	4.20	5,182	5.75	5.72	5.87	5.18	5.39	4.59	4.91	4.87	5.56
4.86	5.04	4.23	4,400	4.90	4.87	5.00	4.42	4.60	3.91	4.18	4.15	4.74
6.01	5.93	4.95	* 1,444	6.18	6.46	6.70	6.60	6.65	5.92	6.63	6.12	6.60
6.31	6.58	5.95	620	6.43	6.06	6.48	6.88	6.94	5.53	6.27	7.46	6.67
6.59	8.63	6.18	3,059	7.71	6.45	7.34	7.21	7.53	6.08	7.02	6.69	6.47
5.11	5.75	4.81	688	5.94	5.32	5.50	5.26	6.08	4.69	5.28	5.05	5.30
5.52	6.50	5.80	164,824	7.26	6.83	6.71	6.89	7.46	7.72	7.92	7.25	5.92
4.42	5.04	4.63	321	4.82	4.39	4.58	4.86	5.83	4.63	4.80	4.76	5.05
9.30	12.06	11.80	24,362	11.75	9.86	11.63	12.03	12.07	10.97	11.42	10.91	10.71
6.61	7.21	6.22	2,030	6.68	6.58	6.31	6.46	6.69	5.41	6.61	6.45	6.52
5.97	6.57	6.34	25,747	6.23	5.54	4.72	4.53	4.69	5.04	5.32	5.35	5.72
6.67	7.54	6.72	10,645	7.19	6.44	6.77	7.10	7.36	5.93	6.41	6.22	7.09
5.46	6.08	5.10	500	5.84	3.29	4.65	5.14	5.78	6.05	6.22	6.08	6.31
4.06	4.50	3.93	15,500	4.48	3.89	4.10	4.32	4.51	3.75	4.33	4.18	4.30
4.94	4.88	4.83	646	5.20	5.31	5.05	5.66	5.76	5.77	6.22	5.58	6.10
11.06	10.81	8.02	12,282	9.02	9.28	9.30	10.09	9.07	8.20	10.54	10.53	10.07
5.43	6.05	5.19	1,799	6.04	5.50	5.63	5.57	6.15	4.96	5.53	5.41	5.64
			641									
			310,757									

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

CHART NO. 17

[illegible]

CHART NO. 18

1964

	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTAL	ACRE FEET PER ACRE
AVERAGE DAILY FLOW IN SECOND FEET	5.4	11.0	14.9	23.0	26.7	21.3	18.0	17.2	1949 1.07 1950 1.25 1951 1.41
TOTAL MONTHLY FLOW IN ACRE FEET	326	682	892	1424	1658	1276	540	6798	1952 1.67 1953 1.64 1954 1.89
ACRE FEET PER ACRE	.08	.16	.21	.34	.40	.30	.13	1.62	1955 1.79 1956 1.93 1957 1.91 1958 1.90 1959 1.78 1960 1.78 1961 1.63 1962 1.41 1963 1.35 1964 1.62

IN DRAINAGE DISTRICT NO. 4, FOR 2500 ACRES

1964

	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTAL	ACRE FEET PER ACRE
AVERAGE DAILY FLOW IN SECOND FEET	9.9	16.2	15.7	19.0	20.2	17.8	19.9	17.0	1949 3.03 1950 3.12 1951 3.28
TOTAL MONTHLY FLOW IN ACRE FEET	592	1006	944	1178	1250	1066	598	6634	1952 3.62 1953 3.76 1954 2.75
ACRE FEET PER ACRE	.24	.40	.38	.47	.50	.42	.24	2.65	1955 3.00 1956 3.18 1957 3.15 1958 2.74 1959 2.83 1960 3.01 1961 2.42 1962 2.47 1963 2.69 1964 2.65

SUMMARY TABLE IN SECOND FEET

CHART NO. 19

SHOWING RETURN FLOW TO BOISE RIVER

RETURN FLOW TO ENTIRE RIVER

MONTH	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
APRIL	712	1003	973	891	757	515	569	694	769	700	570	377	440	638	532
MAY	1018	1223	1555	1896	1444	905	1424	1569	1110	1562	1879	1007	1254	894	1179
JUNE	1326	1456	1496	1141	1814	1177	1578	1300	1601	1213	1461	998	946	1505	1625
JULY	1203	1381	1436	1253	1483	1330	1322	1329	1266	1162	1318	878	1143	1180	1227
AUG.	1185	1362	1205	1307	1325	1211	1441	1337	1288	1484	1510	817	1164	1225	1412
SEPT.	1112	1296	1495	1367	1507	1349	1347	1338	1425	1379	1442	1096	1299	1481	1475
OCT.															1277
AVERAGE	1093	1287	1352	1312	1388	1081	1280	1261	1243	1250	1363	862	1041	1154	1247

RETURN FLOW TO SECTION ONE

JULY	343	460	411	369	391	379	210	215	214	185	273	163	248	246	136
AUG.	378	426	330	373	386	307	394	254	235	296	352	178	241	238	271
SEPT.	331	360	293	342	457	330	286	245	260	241	292	238	215	298	317
OCT.															304
AVERAGE	351	415	345	362	411	338	297	238	236	241	306	193	235	261	257

RETURN FLOW TO SECTION TWO

JULY	860	921	1025	884	1092	951	1112	1114	1052	977	1045	715	895	934	1091
AUG.	807	936	875	934	939	904	1047	1083	1053	1188	1158	639	923	987	1141
SEPT.	781	936	1202	1025	1050	1019	1061	1093	1165	1138	1150	858	1084	1183	1158
OCT.															973
AVERAGE	816	931	1032	947	1027	958	1073	1097	1090	1101	1117	737	967	1035	1091

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

CHART NO. 20

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

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED DEPT. OF REC.		FILE NO.
				SEC. FT.	INCHES	
66-A	4-1-1878	J. S. KRAUS	BALLANTINE	.80	40	373
129-A	4-1-1897	H. E. PLAIN	DRY CREEK	.54	27	373
66-C	4-1-1878	J. W. KOLANDER	BALLANTINE	1.40	70	373
66-D	4-1-1878	M. T. GRIFFITH	BALLANTINE	.80	40	373
73-A	4-1-1880	GOBLE & SONGER	DRY CREEK	.54	27	373
75-A	6-1-1880	C. B. FRANK	DRY CREEK	.816	40.80	380
136	5-1-1906	H. E. WYMER	BALLANTINE	.356	17.80	325
85-A	6-1-1882	LEO MARSTERS	WARM SPRINGS	1.60	80	324
137	5-1-1909	B. P. WEAVERLING	MACE & MACE	1.60	80	294
138	6-14-1912	WESLEY A. MACE	CATLIN & MACE	.40	20	293
85-C	5-1-1883	WM. HUCKBA	DRY CREEK	.203	10.15	321
85-D	5-1-1883	C. H. SCHMELZER	BALLANTINE	.7506	37.53	320
85-E	5-1-1883	C. W. MCCLURG	DRY CREEK	.35	17.50	319
124-A	5-1-1893	W. D. CHARTERS	DRY CREEK	.825	41.25	318
85-B	4-1-1883	JACOB BINGHAM	SETTLERS	1.00	50	317
77-A	4-15-1882	ROC HELMS	RIVERSIDE IRRIG. DIST.	3.674	183.70	295
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	412
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	412
35-A	6-1-1867	RALPH T. KNIGHT	CANYON COUNTY	1.76	88	419
116-A	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	12-A MISC.
116-B	6-1-1890	WILLIS B. SPENCER	" " "	.10	5	" "
116-C	6-1-1890	REBECCA BELL	" " "	.40	20	" "
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	466
114-B	5-1-1889	GUS A. BARTH	" "	.80	40	467
77-A	6-1-1881	CHARLES JURRIES	PARMA DITCH CO.	1.60	80	467
77-B	6-1-1881	JAMES FINLAY	" " "	.34	17	467
77-C	6-1-1881	LESTER J. SHIPPY	" " "	.80	40	467
77-D	6-1-1881	WM. MUSSER	" " "	1.30	65	482
31-A	6-1-1866	MINNIE & JERRY COUZENS	LAWRENCE & KENNEDY	2.30	115	482
31-B	6-1-1866	ALBERT C. BOWERMAN	MIDDLETON WATER	.60	30	482
31-C	6-1-1866	ISLAND HIGHLINE DITCH CO.	LAWRENCE & KENNEDY	1.10	55	491
71-A	4-1-1879	" " "	" " "	3.00	150	491
137-A	4-1-1910	" " "	" " "	7.00	350	491
139	4-1-1915	ALBERT LEMP ET AL	" " "	10.00	500	496
75-A	1880	LOUISE SLOMONSON	LARSEN-BAXTER & LEMP	3.20	160	496
29-A	1865	FIRST NAT. BANK OF PUEBLO	LEMP DITCH-EAGLE ISLAND	6.00	300	497
8-B	4-1-1865	S. G. HARDIES & AMELIA EISLEY	BUBB	1.80	90	498
29-B	1865	" " "	BUBB	.50	25	498
51-A	1870	" " "	"	1.00	50	498
116-A	1889	ROEDEL, EARL F. & OTTO W.	"	.84	42	648
59-A	5-1-1875	OTTO & MARIE MULLER	INDIAN CREEK	3.20	160	
123-A	4-15-1893	MCMANUS & TEATER	MIDDLETON MILL DITCH	1.60	80	
BRIAN	4-1-1910		HOWTON ISLAND	3.36	1.68	

NO. OF CHANGE
OF POINT OF
DIVERSION

POINT OF DIVERSION

FROM

REMARKS

3	EUREKA NO. 2	EUREKA	
9	PIONEER DIXIE	PIONEER	
28	CALDWELL HIGH LINE	CANYON	
32	DAVIS	DAVIS D	
35	PIONEER DIXIE	RIVERSIDE	
36	CANYON COUNTY	MIDDLET	
38	HART & DAVIS	SEVEN S	
39	HART & DAVIS	SEVEN S	
48	PIONEER DIXIE	PIONEER	TO INDIAN CREEK
50	LOWER CENTER POINT	BOWMAN	
51	LOWER CENTER POINT	BOWMAN	
54	CANYON COUNTY	MIDDLET	FOOTE & WISEMAN
57	MIDDLETON WATER	BALLANT	
59	KENNEDY	CANYON	
61	KENNEDY & LAWRENCE	MIDDLET	
64	BALLANTINE	DRY CREEK	
75	MIDDLETON MILL	CANYON	
76	SETTLERS	SETTLER	
77	BUBB	BAHLER	
77	BUBB	BAHLER	
85	WARM SPRINGS	SETTLER	
86	MIDDLETON WATER	FARMER	
85	UPPER CENTER POINT	EUREKA	
91	BALLANTINE	DRY CREEK	NOT APPROVED BY DITCH COMPANIES
103	PARMA DITCH	PARMA	SECRETARY
126	LAWRENCE & KENNEDY	MIDDLET	
127	BOWMAN & SWISHER	LARSEN	
131	EUREKA NO. 2	LOWER I	
140	BALLANTINE	NEW DRY	BELOW FAIRVIEW BRIDGE
141	FISCHER POWER	FISCHER	
147	MIDDLETON MILL	CANYON	DECREED TO AMERICAN DITCH ASSOC.
148	PIONEER DIXIE	UPPER I	
151	NEW DRY CREEK	BALLAN	
152	BAHLER DITCH	RIDENB	
153	REIN-KEDGH-BAHLER	RIDENB	
154	BAHLER DITCH	RIDENB	
159	UPPER CENTER POINT	EUREKA	
161	BALLANTINE	NEW DR	
174	BALLANTINE	NEW DR	
175	RIVERSIDE	EUREKA	
176	MAMMON DITCH	HAAS D	
179	CATLIN-MACE	SEVEN	
224	EUREKA #2	BOWMAN	TO BE PUMPED FROM THE RIVER DIRECT
227	O'DONNELL	BOISE	
243	EUREKA #2	LOWER	LICENSED WATER RIGHT #15242 FORMERLY DIVERTED FROM A SLOUGH
243	RIVER	BOISE	O'DONNELL DITCH WASHED AWAY
257	O'DONNELL DITCH	PARMA	

NO. OF CHANGE
OF POINT OF
DIVERSION

TABLE SHOWING CHANGE IN POINT OF DIVERSION

	POINT OF DIVERSION		DATE OF CHANGE	PRIORITY		NO. OF ACRES	QUAN IN 11
	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 DITCH	7-15-1919				
35	PIONEER DIXIE	RIVERSIDE	4-3-1919			160	
36	CANYON COUNTY	MIDDLETON WATER	4-12-1918	35	6-1-67		
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 CENTER POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-65		14
51	LOWER CENTER POINT	BOWMAN & SWISHER	3-31-1920	20	6-1-65		32
54	CANYON COUNTY	MIDDLETON MILL	4-24-1920	35	6-1-67		5
57	MIDDLETON WATER	BALLANTINE	12-2-1920	65	6-1-77	35	3
59	KENNEDY	CANYON COUNTY	3-18-1921	31	6-1-66		136
61	KENNEDY & LAWRENCE	MIDDLETON WATER	6-22-1921	31-B	6-1-66		30
64	BALLANTINE	DRY CREEK	12-21-1921	102	6-1-88		10
73	MIDDLETON MILL	CANYON COUNTY	11-25-1924				25
76	SETTLERS	SETTLERS	3-12-1925	85-B	4-1-83		50
77	BUBB	BAHLER	4-26-1925	8-A	4-1-65	80	40
77	BUBB	BAHLER	4-26-1925	47-A	4-1-70		40
89	WARM SPRINGS	SETTLERS	4-29-1926				36
84	MIDDLETON WATER	FARMERS UNION	3-9-1926	63	6-1-77		40
85	UPPER CENTER POINT	EUREKA NO. 2	5-7-1926				25
91	BALLANTINE	DRY CREEK	6-23-1926	103			326
103	PARMA DITCH	PARMA DITCH	10-3-1928				
126	LAWRENCE & KENNEDY	MIDDLETON WATER	3-25-1931	31-A	6-1-66		115
127	BOWMAN & SWISHER	LARSEN, BAXTER & LEMP	8-15-1930		6-1-65		40
131	EUREKA NO. 2	LOWER CENTER POINT	1-16-1932	89	11-9-83		35
140	BALLANTINE	NEW DRY CREEK	4-23-1934	85-D	5-1-83		3
141	FISCHER POWER	FISCHER POWER	12-18-1934		7-9-12		
147	MIDDLETON MILL	CANYON COUNTY	1-8-1936		6-1-67		10
148	PIONEER DIXIE	UPPER CENTER POINT NO. 1	4-17-1936	96	10-1-87		75
151	NEW DRY CREEK	BALLANTINE	2-18-1937		5-1-93		6.75
152	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-70		40
153	REIN-KEOGH-BAHLER	RIDENBAUGH	5-15-1937		5-1-95		50
154	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-65		40
159	UPPER CENTER POINT	EUREKA NO. 2	5-27-1939		6-1-65		5
161	BALLANTINE	NEW DRY CREEK	5-5-1940	103	6-1-88		326
174	BALLANTINE	NEW DRY CREEK	3-28-1944	103	6-1-88		12
175	RIVERSIDE	EUREKA	4-11-1944		6-1-83		85
176	MAMMON DITCH	HAAS DITCH	4-18-1944		6-1-78		440
179	CATLIN-MACE	SEVEN SUCKERS	3-31-1945	51	6-1-64		12
				52)	6-1-71		
224	EUREKA #2	BOWMAN & SWISHER	9-3-1954	89	11-9-83		45
227	O'DONNELL	BOISE RIVER	12-17-54	114-A	5-1-89		80
245	EUREKA #2	LOWER CENTER POINT	6-30-58	89	11-9-83		30
243	RIVER	BOISE VALLEY	6-30-58		7-19-21		60
257	O'DONNELL DITCH	PARMA DITCH	10-10-62	114-B	5-1-89		80

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

DATE OF CHANGE	PRIORITY NO.	DATE	NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	RE
2-1912	96	10-1-87	80		THOS. T. JOHNSTON	
31-1912					ALBERT F. CLEMONS	
26-1918			50	50	J. C. HUGHES	
15-1919					ED DAVIS	
3-1919			160	100	REBECCA BELL	
12-1918	35	6-1-67		19	DRAPER & OTHERS	
24-1915				52	SHAFER & OTHERS	
12-1918					GEORGE RAMBO	
26-1918					JAS. D. RUARK	TO INDIAN CR
3-1-1920	19	6-1-65		144	JOHN S. SWISHER	
3-1-1920	20	6-1-65		320	BIRD BOWMAN	
4-24-1920	35	6-1-67		55½	H. G. DUDLEY	FOOTE & WISE
2-2-1920	65	6-1-77	35	30	EDWARD MCCLINTICK	
3-18-1921	31	6-1-66		130	W. KENNEDY	
6-22-1921	31-B	6-1-66		30	MINNIE COUZENS	
2-21-1921	102	6-1-88		10	HARRY SEAVEY	
1-25-1924				25	DETWEED ETC. BANK	
3-12-1925	85-B	4-1-83		50	JACOB BINGHAM	
4-26-1925	8-A	4-1-65	80	40	ADOLPH BAHLER	
4-26-1925	47-A	4-1-70		40	ADOLPH BAHLER	
4-29-1926				36	LEO MARSTERS	
3-9-1926	65	6-1-77		40	J. C. RALPH	
5-7-1926				25	J. C. BRUCE	
6-23-1926	103			32½	IRA E. BARBER	NOT APPROVED BY
10-3-1928					CHARLES JURRIES	SECRETARY
3-25-1931	31-A	6-1-66		115	WM. MUSSER	
8-15-1930		6-1-65		40	WM. BAXTER	
1-16-1932	89	11-9-83		35	R. E. MCGUIRE	
4-23-1934	85-D	5-1-83		3	CHAS. H. SCHMELZER	
12-18-1934		7-9-12			FISCHER POWER ONLY	BELOW FAIRVIEW
1-8-1936		6-1-67		10	CORA M. CLIFTON	
4-17-1936	96	10-1-87		75	DORA GREER	DECREED TO AMER
2-18-1937		5-1-93		6.75	J. H. CONE	
5-15-1937		4-1-70		40	ADOLPH BAHLER	
5-15-1937		5-1-95		50	ADOLPH BAHLER	
5-15-1937		4-1-65		40	ADOLPH BAHLER	
5-27-1939		6-1-65		5	RAYMOND T. BRESHEARS	
5-5-1940	103	6-1-88		32½	SID BARBER	
3-28-1944	103	6-1-88		12	FRANK M. RAY	
4-11-1944		6-1-83		85	WILBUR BRESHEARS	
4-18-1944		6-1-78		440	CHARLOTTIE D. ALLEN	
3-31-1945	5)	6-1-64)		12	IDAHO FISH & GAME DEPT.	
	52)	6-1-71)				
9-3-1954	89	11-9-83		45	J. E. HOUSTON	
12-17-54	114-A	5-1-89		80	ARNOLD C. CRAWFORTH	
6-30-58	89	11-9-83		30	J. E. EKBERG	TO BE PUMPED FROM
6-30-58		7-19-21		60	MARIE ECHEVARRIA & I. N. KESSINGER	LICENSED WATER FROM
10-10-62	114-B	5-1-89		80	BERT L. TREDWAY	G'DONNELL DITCH

OF DECREEED RIGHTS ON BOISE RIVER

CHART NO. 22

ITY CHES	BY WHOM	REMARKS
	THOS. T. JOHNSTON	
	ALBERT F. CLEMONS	
50	J. C. HUGHES	
	ED DAVIS	
100	REBECCA BELL	
19	DRAPER & OTHERS	
52	SHAFFER & OTHERS	
	GEORGE RAMBO	
	JAS. D. RUARK	TO INDIAN CREEK
144	JOHN S. SWISHER	
320	BIRD BOWMAN	
55½	H. G. DUDLEY	FOOTE & WISEMAN
30	EDWARD MCCLINTICK	
130	W. KENNEDY	
30	MINNIE COUZENS	
10	HARRY SEAVEY	
25	DETWEED ETC. BANK	
50	JACOB BINGHAM	
40	ADOLPH BAHLER	
40	ADOLPH BAHLER	
36	LEO MARSTERS	
40	J. C. RALPH	
25	J. C. BRUCE	
32½	IRA E. BARBER	NOT APPROVED BY DITCH COMPANIES
	CHARLES JURRIES	SECRETARY
115	WM MUSSER	
40	WM BAXTER	
35	R. E. MCGUIRE	
3	CHAS. H. SCHMELZER	
	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
10	CORA M. CLIFTON	
75	DORA GREER	DECREEED TO AMERICAN DITCH ASSOC.
6.75	J. H. CONE	
40	ADOLPH BAHLER	
50	ADOLPH BAHLER	
40	ADOLPH BAHLER	
5	RAYMOND T. BRESHEARS	
32½	SID BARBER	
12	FRANK M. RAY	
85	WILBUR BRESHEARS	
440	CHARLOTTIE D. ALLEN	
12	IDAHO FISH & GAME DEPT.	
45	J. E. HOUSTON	
80	ARNOLD C. CRAWFORTH	TO BE PUMPED FROM THE RIVER DIRECT
30	J. E. EKBERG	
60	MARIE ECHEVARRIA & I. N. KESSINGER	LICENSED WATER RIGHT #15242 FORMERLY DIVERTED FROM A SLOUGH
80	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUA IN
	FROM	TO	NO.	DATE		
34	SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	
34	"	"	122	6-1-91	3-16-1909)	
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	
38	AMERICAN DITCH ASSN.	CANYON DITCH	96	10-1-87	9-1-1909	
45	SETTLERS	SETTLERS			2-5-1910	
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-66	2-4-1910	
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	
50	SETTLERS	SETTLERS			6-7-1910	
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	
71	UPPER CENTER POINT	EUREKA NO. 2	24	6-1-65	3-14-1911	
105	SIEBENBERG	CANYON DITCH	9	6-1-65	9-18-1912	
111	EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	
111	PIONEER DIXIE	HILLCREST	8	9-1-64)	11-25-1912)	
111	"	"	45	6-1-69)	11-25-1912)	
136	JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	
219	PIONEER IRRIG. DIST.	PIONEER IRRIG. DIST.			7-15-1918	
300	MIDDLETON MILL	DRY CREEK			4-20-1921	
301	MIDDLETON MILL	DRY CREEK			4-20-1921	
347	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	
349	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5-1925	
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	
373	BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	
374	MIDDLETON WATER #1	FARMERS UNION	65	6-1-77	5-6-1926	
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	
391	MIDDLETON MILL	FARMERS UNION	31	6-1-64)	8-13-1926	
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	
393	MIDDLETON MILL	FARMERS UNION	31	6-1-64)	9-15-1926	
393	MIDDLETON MILL	FARMERS UNION	54)	6-1-71)		
393	MIDDLETON MILL	FARMERS UNION	120)	6-1-91)		
395	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	
412	THURMAN	SETTLERS	81	6-1-82	12-2-1927	
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	
466	RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	
468	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	
477	SETTLERS	SETTLERS	92	10-17-84	11-18-1929	
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-1934	
542	FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	
595	JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	
595	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	
608	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	
644	RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
92	10-17-84	3-16-1909)	15	WALTER S. BRUCE	
122	6-1-91	3-16-1909)			
96	10-1-87	4-19-1909	100	C. H. ROSENBERGER	CHANGE IN
96	10-1-87	9-1-1909	605	WM. M. MESSLER	
		2-5-1910	10	J. E. MOORE	
50	6-1-66	2-4-1910	112	BARBER LUMBER CO.	
96	10-1-87	3-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN
96	10-1-87	3-31-1910	210	NICHOLS & COOPER	CHANGE IN
		6-7-1910	20	J. P. CLEEK	
96	10-1-87	11-14-1910	50	J. A. CARTRIGHT	
24	6-1-65	3-14-1911	40	J. D. ROLAND	CHANGE IN
9	6-1-65	9-18-1912	25	H. E. MEEK	
96	10-1-87	11-25-1912	60	H. L. RANDALL & OTHERS	
8	9-1-64)	11-25-1912)	1017	H. L. RANDALL & OTHERS	
45	6-1-69)	11-25-1912)			
2	6-1-64	6-8-1914	1000	BOISE FRUIT TRACT CO.	
		7-15-1918	432	PIONEER IRRIG. DIST.	LICENSED R
		4-20-1921	17.5	EMMA M. FOWLER	
		4-20-1921	77	JOHN F. GROOME	
3	6-1-64	2-6-1925	7	C. E. WHITE	
3	6-1-64	2-6-1925	7	FRANK WEASEL	
3	6-1-64	2-6-1925	7	CARL A. GISH	
65	6-1-77	5-1925	10	NELLIE B. WHITAKER	
33	6-1-66	3-16-1926	56.2	HENRY W. BARTLETT	
33	6-1-66	4-26-1926	18.7	L. A. RICE	
65	6-1-77	5-6-1926	20	H. D. PARKS	
65	6-1-77	5-6-1926	10	A. G. WING	
65	6-1-77	7-8-1926	20	MARY F. LEACH	
65	6-1-77	7-8-1926	13.3	H. E. MCCONNELL	
65	6-1-77	7-8-1926	20	H. W. BARTLETT	
65	6-1-77	7-8-1926	20	E. E. SMITH	
3)	6-1-64)	8-13-1926	7.5	RUSH CHASE	
54)	6-1-71)				
65	6-1-77	8-21-1926	20	FRED EGGERS	
3)	6-1-54)	9-15-1926	14.4	A. C. BOWERMAN	
54)	6-1-71)				
120)	6-1-91)				
65	6-1-77	11-16-1926	25	G. R. MCGUIRE	
81	6-1-82	12-2-1927	20	CHAS. P. MACE	
65	6-1-77	7-2-1928	12.5	O. E. ALLISON	FORMERLY MIDDLE
106	8-20-88	7-6-1929	445	W. H. TULLER	
65	6-1-77	7-12-1929	5	C. C. WOOD	
92	10-17-84	11-18-1929	10	CHASE N. WALKER	
92	10-17-84	4-7-1930	3	FRANK P. WEASEL	
1	6-1-64	5-27-1932	50	W. SCOTT ANDERSON	
1	6-1-64	5-27-1932	25	FARMERS UNION DITCH	
1	6-1-64	5-15-1934	15	A. B. WHITNEY	
2	6-1-64	12-31-1934	34.37	FEDERAL LAND BANK	
1	6-1-64	9-9-1938	10 1/2	BOISE TRUST CO.	SOMERMEIR
1	6-1-64	9-9-1938	10 1/2	BOISE TRUST CO.	FALK
88	6-1-83	4-29-1940	50	W. F. TRACY	
88	6-1-83	11-12-1942	35	S. E. SMITH	
30	5-1-66	10-18-1943	25	W. W. HOWELL	LARSON TRACT
30	5-1-66	10-18-1943	50	W. W. HOWELL	HAMMING TRACT
30	5-1-66	10-18-1943	25	W. W. HOWELL	BUDGE TRACT

BY WHOM
TRANSFERRED

REMARKS

WALTER S. BRUCE

C. H. ROSENBERGER

WM. M. MESSLER

J. E. MOORE

BARBER LUMBER CO.

AMERICAN DITCH ASSN.

NICHOLS & COOPER

J. F. CLEEK

J. A. CARTRIGHT

J. D. ROLAND

H. E. REEK

H. L. RANDALL & OTHERS

H. L. RANDALL & OTHERS

BOISE FRUIT TRACT CO.

PIONEER IRRIG. DIST.

EMMA M. FOWLER

JOHN F. GROOME

C. E. WHITE

FRANK WEASEL

CARL A. GISH

NELLIE B. WHITAKER

HENRY W. BARTLETT

L. A. RICE

H. D. PARKS

A. G. WING

MARY F. LEACH

H. E. MCCUNNELL

H. W. BARTLETT

E. E. SMITH

RUSH CHASE

FRED EGGERS

A. C. BOWERMAN

G. R. MCQUIRE

CHAS. P. MACE

O. E. ALLISON

W. H. TULLER

C. C. WOOD

CHASE N. WALKER

FRANK P. WEASEL

W. SCOTT ANDERSON

FARMERS UNION DITCH

A. B. WHITNEY

FEDERAL LAND BANK

BOISE TRUST CO.

BOISE TRUST CO.

W. F. TRACY

S. E. SMITH

W. W. HOWELL

W. W. HOWELL

W. W. HOWELL

CHANGE IN POINT OF DIVERSION ONLY

CHANGE IN POINT OF DIVERSION ONLY

CHANGE IN POINT OF DIVERSION ONLY

CHANGE IN POINT OF DIVERSION ONLY

LICENSED RIGHT INDIAN CREEK

FORMERLY MIDDLETON WATER

SOMERMEIR
FALKLARSON TRACT
HAMMING TRACT
BUDGE TRACT

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUA IN
	FROM	TO	NO.	DATE		
660	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-11-1944	
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	
694	"	"	30	5-1-66	4-29-1946	
694	"	"	30	5-1-66	4-29-1946	
701	"	"	30	5-1-66	4-29-1946	
702	"	NEW YORK	30	5-1-66	12-20-1946	
712	"	SETTLERS	30	5-1-66	12-20-1946	
712	"	"	30	5-1-66	6-14-1947	
712	"	"	30	5-1-66	6-14-1947	
713	"	"	30	5-1-66	6-14-1947	
717	SIEBENBERG	NEW DRY CREEK	30	5-1-66	6-14-1947	
720	CONSUMERS	FARMERS CO-OP	9	6-1-65	11-25-1947	
720	"	SETTLERS	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
720	"	"	30	5-1-66	5-4-1948	
736	THURMAN MILL	"	30	5-1-66	5-4-1948	
736	CONSUMERS	"	37	6-1-68	3-9-1949	
739	"	"	30	5-1-66	3-9-1949	
753	"	"	30	5-1-66	4-2-1949	
754	"	"	30	5-1-66	4-14-1950	
790	HILLCREST	MIDDLETON MILL	30	5-1-66	4-14-1950	
790	"	NEW YORK	8	9-1-64	3-28-1952	
790	"	"	45	6-1-69	3-28-1952	
823	CONSUMERS	"	96	10-1-87	3-28-1952	
829	"	"	30	5-1-66	7-13-1954	
871	THURMAN MILL	SETTLERS	30	5-1-66	9-3-1954	
872	"	"	36	6-1-68	10-2-1956	
873	CONSUMERS	"	36	6-1-68	10-2-1956	
890	"	"	30	5-1-66	10-2-1956	
906	"	"	30	5-1-66	7-11-1957	
917	"	"	30	5-1-66	4-3-58	
918	"	"	30	5-1-66	12-15-58	
940	"	"	30	5-1-66	12-15-58	
976	"	"	30	5-1-66	2-15-60	
977	"	NEW YORK	30	5-1-66	1-17-62	
979	"	SETTLERS	30	5-1-66	1-17-62	
980	"	"	30	5-1-66	2-23-62	
989	"	"	30	5-1-66	2-23-62	
990	"	"	30	5-1-66	5-29-62	
991	"	"	30	5-1-66	7-5-62	
1007	"	"	30	5-1-66	7-5-62	
1009	"	NEW YORK	30	5-1-66	4-17-63	
1010	NEW DRY CREEK	DRAIN DITCH	73-A	4-1-80	5-16-63	
1011	CONSUMERS	NEW YORK	30	5-1-66	6-14-63	
1017	"	RIVER	30	5-1-66	6-3-63	
1035	"	NEW YORK	30	5-1-66	9-26-63	
1038	"	MORES CREEK	30	5-1-66	9-4-64	
	"	PHYLLIS	30	5-1-66	10-28-64	

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

ITY	DATE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
6-1-83		4-11-1944	30	D. W. BALDWIN	
5-1-66		4-29-1946	8	W. W. HOWELL	KENNETH O. EARL
5-1-66		4-29-1946	6	"	L. R. FEWKES
5-1-66		4-29-1946	7	"	D. G. STARK
5-1-66		4-29-1946	13	"	G. W. KYLE
5-1-66		12-20-1946	100	"	REX JENSON (BOISE-KUNA IRRIG)
5-1-66		12-20-1946	30	"	MRS. EDITH CURTIS
5-1-66		6-14-1947	10	"	CLYDE SIMPSON
5-1-66		6-14-1947	10	"	JOHN DEMOND
5-1-66		6-14-1947	25	"	LEN SIMPSON
5-1-66		6-14-1947	27	"	J. S. BEEDE
6-1-65		11-25-1947	32	R. M. TUCKER	
5-1-66		5-4-1948	10	W. W. HOWELL	W. E. DOTY
5-1-66		5-4-1948	10	"	TOM ERQUIAGA
5-1-66		5-4-1948	7	"	LOUIS ODERMOTT
5-1-66		5-4-1948	10	"	W. H. CALDWELL
5-1-66		5-4-1948	20	"	NORMAN C. STEELE
5-1-66		5-4-1948	10	"	GEORGE BERT ROYLANCE
6-1-68		3-9-1949	50	AIRCRAFT SERVICE CO.	
5-1-66		3-9-1949	55	W. W. HOWELL	
5-1-66		4-2-1949	7.5	"	
5-1-66		4-14-1950	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TR
5-1-66		4-14-1950	20	J. R. FIELD	BRINK TRACT
9-1-64		3-28-1952	1000	FOREST SOWER	
6-1-69		3-28-1952	17	"	
10-1-87		3-28-1952	60	"	
5-1-66		7-13-1954	300	G. S. TAYLOR	BOISE-KUNA IRRIGATION DIST.
5-1-66		9-3-1954	24	"	10" TO THE GOLDEN KENT TRACT A
6-1-68		10-2-1956	14.4	J. FRANK BRYCE	
6-1-68		10-2-1956	11	GEORGE D. KEYSER, JR.	
5-1-66		10-2-1956	10	G. S. TAYLOR	
5-1-66		7-11-1957	5	FRANCIS H. NEITZEL	THEODORE L. JOHNSON TRACT
5-1-66		4-3-58	5	"	R. S. POTTER TRACT
5-1-66		12-15-58	10	"	R. W. WHITE TRACT
5-1-66		12-15-58	1.25	"	EDWARD C. MAW & F. LEROY SPRAG
5-1-66		2-15-60	2.5	"	H. P. IRBY TRACT
5-1-66		1-17-62	75	G. S. TAYLOR	EARL M. & DELLA LUKEHART TRACT
5-1-66		1-17-62	10	"	SYMMES FRUIT RANCH, INC.
5-1-66		2-23-62	5	"	EVERETT RAMBO TRACT
5-1-66		2-23-62	6	"	R. E. DAISY M. THOMPSON TRACT
5-1-66		5-29-62	10	"	CHESNEY LITTLE TRACT
5-1-66		7-5-62	4	"	THERION E. CHRISTENSEN TRACT
5-1-66		7-5-62	8	"	LYLE F. TRAPP TRACT
5-1-66		4-17-63	50	"	CHARLES G. HYDE TRACT
4-1-80		5-16-63	5	NEW DRY CREEK	GLENN DRAPER
5-1-66		6-14-63	100	G. S. TAYLOR	R. B. BETTY
5-1-66		6-3-63	150	"	JOHN DOBSON
5-1-66		9-26-63	30	"	SURPRISE VALLEY FARMS
5-1-66		9-4-64	100	"	FRANCIS HERMAN
5-1-66		10-28-64	1085.75	"	CARL NICHOLSON
					PIONEER IRRIGATION DIST.

	BY WHOM TRANSFERRED	REMARKS
0	D. W. BALDWIN	
8	W. W. HOWELL	KENNETH O. EARL
8	"	L. R. FEWKES
7	"	D. G. STARK
3	"	G. W. KYLE
0	"	REX JENSON (BOISE-KUNA IRRIG. DIST.)
40	"	MRS. EDITH CURTIS
10	"	CLYDE SIMPSON
10	"	JOHN DEMOND
25	"	LEN SIMPSON
27	"	J. S. BEEDE
32	R. M. TUCKER	
10	W. W. HOWELL	W. E. DOTY
10	"	TOM ERQUIAGA
7	"	LOUIS ODERMOTT
10	"	W. H. CALDWELL
20	"	NORMAN C. STEELE
10	"	GEORGE BERT ROYLANCE
30	AIRCRAFT SERVICE CO.	
35	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 BRYCE	
11	GEORGE D. KEYSER, JR.	
10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT
5	FRANCIS H. NEITZEL	R. S. POTTER TRACT
5	" "	R. W. WHITE TRACT
10	" "	EDWARD C. MAW & F. LEROY SPRAGUE TRACT
1.25	" "	H. P. IRBY TRACT
2.5	" "	EARL M. & DELLA LUKEHART TRACT
75	G. S. TAYLOR	SYMMES FRUIT RANCH, INC.
10	"	EVERETT RAMBO TRACT
5	"	R. E. DAISY M. THOMPSON TRACT
6	"	CHESNEY LITTLE TRACT
10	"	THERION E. CHRISTENSEN TRACT
4	"	LYLE F. TRAPP TRACT
8	"	CHARLES G. HYDE TRACT
50	"	GLENN DRAPER
5	NEW DRY CREEK	R. B. BETTY
100	G. S. TAYLOR	JOHN DUBSON
150	"	SURPRISE VALLEY FARMS
30	"	FRANCIS HERMAN
100	"	CARL NICHOLSON
1085.75	"	PIONEER IRRIGATION DIST.

NO.	DATE	NAME	AMOUNT DECREED SEC. FT. INCHES	
1.	X6-1-64	THOMAS DAVIS	2.20	110
2.	X6-1-64	JACOBS CANAL CO.	20.00	1000
3.	X6-1-64	MIDDLETON MILL DITCH	12.80	640
4.	X6-1-64	THOMAS ANDREWS	3.30	165
5.	X6-1-64	CATLIN & MACE	2.86	143
6.	X6-1-64	T. C. CATLIN	3.30	165
7.	X6-1-64	C. C. HAVIRD	3.30	165
8.	X6-1-64	PIONEER DIXIE DITCH CO.	20.00	1000
9.	X6-1-65	SIEBENBERG DITCH CO.	13.42	671
10.	X6-1-65	ALLEN V. WEBSTER	1.20	60
11.	X6-1-65	U. F. YARYAN	.66	33
12.	X6-1-65	GRAHAM & GILBERT	4.40	220
13.	X6-1-65	EUREKA WATER CO.	33.32	1666
14.	X6-1-65	NEW UNION DITCH CO.	13.76	688
15.	X6-1-65	BOISE VALLEY IRRIG. DITCH CO.	54.58	2729
16.	X6-1-65	RIDENBAUGH & ROSSI	9.20	460
17.	X6-1-65	RIDENBAUGH & ROSSI (POWER)	265.80	13290
18.	X6-1-65	DENVER & IDAHO LAND CO.	.80	40
19.	X6-1-65	MARTHA BOWMAN	2.88	144
20.	X6-1-65	BIRD BOWMAN	6.40	320
21.	X6-1-65	G. W. GESS	2.90	145
22.	X6-1-65	ROBERT MCGUIRE	3.20	160
23.	X6-1-65	G. W. COOPER	3.20	160
24.	X6-1-65	J. W. ROLAND	2.40	120
25.	X6-1-65	DRAPER & WELLS	3.94	197
26.	X6-1-65	THOMAS J. PALMER	1.60	80
27.	X6-1-65	NOAH W. PALMER	1.58	79
28.	X6-1-65	J. N. TUCKER	7.00	350
29.	X6-1-65	THOMAS ANDREWS	6.00	300
30.	X5-1-66	J. PERRAULT & R. JOHNSON	50.00	2500
31.	X6-1-66	WILLIAM P. KENNEDY	2.60	130
32.	X6-1-66	MANVILLE & LEONARD	3.50	175
33.	6-1-66	BOISE CITY CANAL CO.	38.06	1903
34.	6-1-66	FRANKLIN DITCH CO.	15.40	770
35.	6-1-67	CANYON CO. WATER CO.	75.80	3790
36.	6-1-68	MARTHA E. MCCARTHY	14.10	705
37.	6-1-68	H. D. & DORA GOODMAN	3.70	185
38.	X6-1-68	T. T. JOHNSON	3.20	160
39.	X6-1-68	ROSS, ALLEN, DILLEY & ROSS	8.54	427
40.	6-1-68	S. S. GRAY	1.40	70
41.	X6-1-69	JOHN MAMMON	1.80	90
42.	6-1-69	ISAAC BEDAL	1.60	80
43.	X6-1-69	FREDERICH ODE	3.60	180
44.	X6-1-69	PRIOR BURNETT	8.50	425
45.	X6-1-69	PIONEER DIXIE DITCH CO.	35.44	1772

NO.	DATE	NAME
46.	6-1-69	MASON CREEK DITCH CO.
47.	X6-1-69	T. W. BOONE
48.	6-1-70	W. J. HAMMING
49.	6-1-70	PIONEER CANAL
50.	6-1-69	BARBER LUMBER CO.
51.	X6-1-70	THOMAS ANDREWS
52.	6-1-71	CATLIN & MACE
53.	6-1-71	PETER MEEVES
54.	6-1-71	MIDDLETON MILL DITCH CO.
55.	6-1-72	J. F. YARYAN
56.	6-1-72	J. F. YARYAN
57.	6-1-72	MARY C. DAVIS
58.	6-1-72	EDWARD N. HART
59.	X6-1-74	J. W. BOONE
60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.
61.	6-1-76	EDWARD & MARY CLARK
62.	6-1-76	JOHN CECIL
63.	6-1-77	THOMAS AIKENS
64.	6-1-77	W. H. CONWAY
65.	6-1-77	MIDDLETON WATER CO.
66.	7-1-77	PERRAULT & JOHNSON (POWER)
67.	5-1-78	NAMPA MERIDIAN IRRIG. DIST.
68.	X6-1-78	JOHN MAMMON
69.	X6-1-78	JULIA MAMMON
70.	X6-1-78	CHARLES ALLEN
71.	X6-1-78	R. H. STOCKTON
72.	6-1-79	NEW DRY CREEK DITCH CO.
73.	X6-1-79	D. MUMFORD
74.	X6-1-80	SMITH STOCKTON
75.	6-1-80	ISHAM JOPLIN
76.	10-20-80	JOSEPH GOBLE
77.	10-29-80	FRANKLIN DITCH CO.
78.	6-1-82	ALLEN V. WEBSTER
79.	6-1-82	SUSIE CAMPBELL
80.	6-1-82	J. T. BARBER
81.	6-1-82	SONORA JOPLIN
82.	6-1-82	S. W. HUTCHINSON
83.	6-1-82	JOHNSON
84.	6-1-82	ANDREW J. JOPLIN
85.	6-1-82	JAMES L. GRAHAM
86.	X6-1-83	FARMERS CO-OP DITCH
87.	6-8-83	FRANCIS M. JOPLIN
88.	X6-1-83	W. A. BLACK
89.	X11-9-83	EUREKA DITCH CO. NO. 2
90.	6-1-84	PIONEER IRRIG. DIST.

STEWART DECREE

	DATE	NAME	AMOUNT DECREED		NO.	DATE	NAME	
			SEC. FT.	INCHES				
	6-1-69	MASON CREEK DITCH CO.	37.20	1860	91.	x6-1-84	RIVERSIDE IRRIG. DIST.	
	x6-1-69	T. W. BOONE	3.50	175	92.	10-17-84	SETTLERS CANAL CO.	
	6-1-70	W. J. HAMMING	2.60	130	93.	6-1-86	NEW DRY CREEK DITCH	
	6-1-70	PIONEER CANAL	25.72	1286	94.	6-1-86	THOMAS DAVIS	
	6-1-69	BARBER LUMBER CO.	2.24	112	95.	x1-23-87	WM. C., L. & E. YOUNG	
	x6-1-70	THOMAS ANDREWS	1.30	65	96.	x10-1-87	AMERICAN DITCH ASSOC.	
	6-1-71	CATLIN & MACE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	
	6-1-71	PETER MEEVES	1.80	90	98.	6-1-88	A. V. LINDER	
	6-1-71	MIDDLETON MILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH	
	6-1-72	J. F. YARYAN	.70	35	100.	6-1-88	CHARLOTTE CALHOUN	
	6-1-72	J. F. YARYAN	1.40	70	101.	6-1-88	ED. J. LINDER	
	6-1-72	MARY C. DAVIS	4.40	220	102.	6-1-88	LIZZIE EVERETT	
	6-1-72	EDWARD N. HART	3.30	165	103.	6-1-88	JESSIE WILSON	
	x6-1-74	J. W. BOONE	2.20	110	104.	x6-1-88	THOMAS ANDREWS	
	x6-1-75	FARMERS COOPERATIVE DITCH CO.	10.00	500	105.	x7-1-88	FARMERS CO-OP DITCH CO.	
	6-1-76	EDWARD & MARY CLARK	2.30	115	106.	8-20-88	NAMPA MERIDIAN IRRIG. DIST.	
	6-1-76	JOHN CECIL	.44	22	107.	5-1-89	CHAS. S. MILLER	
	6-1-77	THOMAS AIKENS	5.20	260	108.	5-1-89	LOMMIS S. HOSELEY	
	6-1-77	W. H. CONWAY	.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	
	6-1-77	MIDDLETON WATER CO.	114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	
	7-1-77	PERRAULT & JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	
	5-1-78	NAMPA MERIDIAN IRRIG. DIST.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY	
	x6-1-78	JOHN MAMMON	4.20	210	113.	5-1-89	GRACE CALL	
	x6-1-78	JULIA MAMMON	3.36	168	114.	5-1-89	SAMUEL H. CANFIELD	
	x6-1-78	CHARLES ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN	
	x6-1-78	R. H. STOCKTON	4.40	220	116.	6-1-89	SONORA JOPLIN	
	6-1-79	NEW DRY CREEK DITCH CO.	31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT	20
	x6-1-79	D. MUMFORD	4.00	200	118.	6-1-91	W. H. CONWAY	
	x6-1-80	SMITH STOCKTON	1.76	88	119.	6-1-91	THOMAS DAVIS	
	6-1-80	ISHAM JOPLIN	2.40	120	120.	6-1-91	MIDDLETON MILL DITCH CO.	1
	10-20-80	JOSEPH GOBLE	.90	45	121.	x6-1-91	THOMAS ANDREWS	
	10-29-80	FRANKLIN DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	7
	6-1-82	ALLEN V. WEBSTER	.90	45	123.	6-1-91	THOMAS AIKEN	
	6-1-82	SUSIE CAMPBELL	.60	30	124.	x5-1-93	RIVERSIDE IRRIG. DIST.	8
	6-1-82	J. T. BARBER	1.60	80	125.	x6-1-94	R. H. STOCKTON	
	6-1-82	SONORA JOPLIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	11
	6-1-82	S. W. HUTCHINSON	.44	22	127.	5-1-95	CHARLES REIN & JANE KEOGH	
	6-1-82	JOHNSON	.44	22	128.	7-1-95	MATHEW CASEY	
	6-1-82	ANDREW J. JOPLIN	2.86	143	129.	x7-1-96	FARMERS CO-OP. DITCH CO.	8
	6-1-82	JAMES L. GRAHAM	2.20	110	130.	x10-1-99	RIVERSIDE IRRIG. DIST.	2
	x6-1-83	FARMERS CO-OP DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	21
	6-8-83	FRANCIS M. JOPLIN	.90	45	132.	x5-17-00	CANYON DITCH CO.	1
	x6-1-83	W. A. BLACK	12.00	600	133.	x6-1-01	RIVERSIDE IRRIG. DIST.	7
	x11-9-83	EUREKA DITCH CO. NO. 2	21.70	1085	134.	x10-25-01	CANYON DITCH CO.	
	6-1-84	PIONEER IRRIG. DIST.	53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	5

AMOUNT DECREED		NO.	DATE	NAME	AMOUNT DECREED	
SEC. FT.	INCHES				SEC. FT.	INCHES
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	1286	94.	6-1-86	THOMAS DAVIS	13.40	670
2.24	112	95.	X1-23-87	WM. C., L. & E. YOUNG	4.00	200
1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393
1.80	90	98.	6-1-88	A. V. LINDER	4.00	200
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
4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20	60
3.30	165	103.	6-1-88	JESSIE WILSON	1.40	70
2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45
10.00	500	105.	X7-1-88	FARMERS CO-OP DITCH CO.	50.00	2500
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
5.20	260	108.	5-1-89	LOMMIS S. HOSELEY	.02	1
.90	45	109.	5-1-89	S. J. UTTER & C. B. TAYLOR	2.40	120
114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
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
8.80	440	115.	6-1-89	SONORA JOPLIN	.06	3
4.40	220	116.	6-1-89	SONORA JOPLIN	1.20	60
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
1.76	88	119.	6-1-91	THOMAS DAVIS	.54	27
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
27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	73.44	3672
.90	45	123.	6-1-91	THOMAS AIKEN	.80	40
.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00	4000
1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76	88
3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
.44	22	127.	5-1-95	CHARLES REIN & JANE KEOGH	1.00	50
.44	22	128.	7-1-95	MATHEW CASEY	.66	33
2.86	143	129.	X7-1-96	FARMERS CO-OP. DITCH CO.	83.50	4175
2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277
53.10	2655	135.	4-1-04	PIONEER IRRIG. DIST.	56.34	2817

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
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
BALLANTINE			98	6-1-1888	4.00			200	
			99	6-1-1888	1.30			65	
			100	6-1-1888	1.40			70	
			101	6-1-1888	1.46			73	
			102	6-1-1888	1.20			60	
			103	6-1-1888	1.40			70	
			123	6-1-1891	.80			40	
			66-A	4-1-1878			.80	40	
			66-C	4-1-1878			1.40	70	
			66-D	4-1-1878			.80	40	
			85-D	5-1-1883			.7506	37.53	
			136	5-1-1906			.356	17.8	
			65	6-1-1877	.60			30	
	57		102	6-1-1888	.20*			10*	
	64*		85-D	5-1-1883			.06*	3*	
	140*		124-A	5-1-1893			.135	6.75	
	151		103	6-1-1888	.65*			32.5*	
	161*		103	6-1-1888	.24*			12*	15.25
	174*								
								5	.10
R. B. BETTY			1009	30	5-1-1866	.10			
								1903	
			33	6-1-1866	38.06			56.2*	
			370	33	6-1-1866	1.124*		18.7*	36.562
BOISE CITY			373	33	6-1-1866	.374*			
								2729	54.58
								60	35.78
BOISE VALLEY LICENSED RIGHT #15242			243	15	6-1-1865 7-19-1921	54.58			
								150	3.00
BOISE RIVER (SURPRISE VALLEY FARMS)			1011	30	5-1-1866	3.00			

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			INCHES	SEC. FT.
					STEWART DEGREE	INTERVENORS STEWART DEGREE	BRYAN DEGREE		
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
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*	8.48
	224		89	11-5-1883	.90			45	9.38
BUBB (SOUTH BOISE)			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
			109	5-1-1889	2.40			120	
			110	5-1-1889	6.00			300	
			111	5-1-1889	2.94			147	
			112	5-1-1889	.05			2	
			113	5-1-1889	.10			5	
			114	5-1-1889	.03			2	
			8-B	4-1-1865		1.80		90	
			29-B	4-1-1865		.50		25	
			51-A	1870		1.00		50	
			116-A	4-1-1889		.84		42	
				4-1-1905			5.40	270	21.14
CALDWELL HIGH LINE			34	6-1-1866	15.40			770	
			46	6-1-1869	37.20			1860	
			77	10-29-1880	27.60			1380	
	29*				1.00*			50*	79.20
CANYON COUNTY			35	6-1-1867	75.80			3790	
			35-A	6-1-1867		1.76		88	
					1.00			50	
	29							19*	
	36*		35	6-1-1867	.38*			55.5*	
	54*		35	6-1-1867	1.11*			130	
	59		31	6-1-1866	2.60			25	
	75				.50			10	80.37
	147		35	6-1-1867	.20				

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		INTERVENORS			INCHES	SEC. FT.
			NO.	DATE	STEWART	STEWART	BRYAN		
					DECREE	DECREE	DECREE		
CANYON DITCH CO. (CAMPBELL)			132	5-17-1900	10.00			500	
			134	10-25-1901	5.54			277	
		38	96	10-1-1887	12.10			605	
		105	9	6-1-1865	.50			25	28.14
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		80	1.60
CRUZEN (CONSUMERS)			30	5-1-1866	50.00			2500	
		654*	30	5-1-1866	.50*			25*	
		654*	30	5-1-1866	1.00*			30*	
		654*	30	5-1-1866	.50*			25*	
		694*	30	5-1-1866	.12*			6*	
		694*	30	5-1-1866	.16*			8*	
		694*	30	5-1-1866	.14*			7*	
		694*	30	5-1-1866	.26*			13*	
		701*	30	5-1-1866	2.00*			100*	
		702*	30	5-1-1866	.60*			30*	
		712*	30	5-1-1866	.20*			10*	
		712*	30	5-1-1866	.20*			10*	
		712*	30	5-1-1866	.50*			25*	
		713*	30	5-1-1866	.54*			27*	
		720*	30	5-1-1866	1.34*			67*	
		737*	30	5-1-1866	1.10*			55*	
		739*	30	5-1-1866	.15*			7.5*	
		753*	30	5-1-1866	.46*			23*	
		754*	30	5-1-1866	.40*			20*	
		823*	30	5-1-1866	6.00*			300*	
		829*	30	5-1-1866	.48*			24*	
		873*	30	5-1-1866	.20*			10*	
		890*	30	5-1-1866	.10*			5*	
		906*	30	5-1-1866	.10*			5*	
		917*	30	5-1-1866	.20*			10*	
		918*	30	5-1-1866	.025*			1.25*	
		940*	30	5-1-1866	.05*			2.5*	
		976*	30	5-1-1866	1.50*			75*	
		977*	30	5-1-1866	.20*			10*	
		979*	30	5-1-1866	.10*			5*	
		980*	30	5-1-1866	.12*			6*	
		989*	30	5-1-1866	.20*			10*	
		990*	30	5-1-1866	.08*			4*	
		991*	30	5-1-1866	.16*			8*	
		1007*	30	5-1-1866	1.00*			50*	
		1010*	30	5-1-1866	2.00*			100*	
		1011*	30	5-1-1866	3.00*			150*	
		1017*	30	5-1-1866	.60*			30*	
		1035*	30	5-1-1866	2.00*			100*	
		1038*	30	5-1-1866	21.715*			1085.75*	0.00

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			INCHES	SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
DAVIS			94	6-1-1886	13.40			670	13.40
LITTLE DAVIS			119	6-1-1891	.54			27	.54
<u>EAGLE ISLAND CANALS</u>									
THOS. AIKEN			63	6-1-1877	5.20			260	5.20
CATLIN & MACE			5	6-1-1864	2.86			143	
			52	6-1-1871	7.86			393	
	179*		51	6-1-1864				12*	
			52)	6-1-1871	.24*			20	10.88
			138	6-14-1912		.40			
CONNAY & HAMMING			48	6-1-1870	2.60			130	
			64	6-1-1877	.90			45	
			118	6-1-1891	2.20			110	5.70
GRAHAM & GILBERT			12	6-1-1865	4.40			220	4.40
HART & DAVIS			6	6-1-1864	3.30			165	
			57	6-1-1872	4.40			220	
			38	6-1-1872	3.30			165	
	38*)				1.04*			52*	9.96
	39*)								
JOPLIN			81	6-1-1882	.80			40	
			115	6-1-1889	.06			3	
			116	6-1-1889	1.20			60	2.06
LEMP DITCH			29-A	1865			6.00	300	6.00
MACE & MACE			137	5-1-1909			1.60	80	1.60

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	STEWART DECREE	AMOUNT DECREED			INCHES	SEC. FT.
						INTERVENORS	STEWART DECREE	BRYAN DECREE		
EAGLE ISLAND CANALS										
SEVEN SUCKERS	38				1.04				52	
	39									
	179		51	6-1-1864	.24				12	
			52)	6-1-1871						1.28
WARM SPRINGS SLOUGH			61	6-1-1876	2.30				115	
			80	6-1-1882	1.60				80	
			82	6-1-1882	.44				22	
			83	6-1-1882	.44				22	
			84	6-1-1882	1.36				68	
			85	6-1-1882	2.20				110	
			85-A	6-1-1882			1.60		80	
	83*		85-A	6-1-1882			.72*		36*	9.22
EUREKA NO. 1			13	6-1-1865	33.32				1666	33.32
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	
				6-1-1865	.50				25	
	85			6-1-1865	.50				60*	
			111*	96	10-1-1887	1.20*			35*	
	131*		89	11-9-1883	.70*				5	
	159			6-1-1865	.10				85	53.40
	175		88	6-1-1883	1.70				45*	52.95
	224*		89	11-9-1883	.90*				30*	52.35
	245*		89	11-9-1883	.60*					

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			INCHES	SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
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	31	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
HAAS DITCH			39	6-1-1868	8.54			427	
	176		70	6-1-1878	8.80			440	17.34
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150	
			137-A	4-1-1910		7.00		350	
			139	4-1-1915		10.00		500	20.00
LARSEN-BAXTER-LEMP			75-A	1880		3.20		160	
			20	6-1-1865	.80			40	4.00
LAWRENCE & KENNEDY			31-C	6-1-1866		1.10		55	1.10

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	AMOUNT DECREED							
			PRIORITY NO.	DATE	STEWART DECREE	INTERVENORS		INCHES	SEC. FT.	
						STEWART DECREE	BRYAN DECREE			
LOWER CENTER POINT			19	6-1-1865	2.88				144	
			20	6-1-1865	6.40				320	
			21	6-1-1865	2.90				145	
			22	6-1-1865	3.20				160	
			38	6-1-1868	3.20				160	
			43	6-1-1869	3.60				180	
			73	6-1-1879	4.00				200	
									144*	
	50*		19	6-1-1865	2.88*				320*	
	51*		20	6-1-1865	6.40*				35	17.60
	131		89	11-9-1883	.70				30	18.20
245		89	11-9-1883	.60						
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
MANVILLE-LEONARD			32	6-1-1866	3.50				175	3.50
NEEVES			53	6-1-1871	1.80				90	1.80
MIDDLETON MILL			3	6-1-1864	12.80				640	
			40	6-1-1868	1.40				70	
			54	6-1-1871	33.70				1685	
			120	6-1-1891	17.00				850	
	54		35	6-1-1867	1.11				55.5	
	75*				.50*				25*	
	147*				.20*				10*	
			35	6-1-1867						
			300*	3)	6-1-1864				17.5*	
			300*	54)	6-1-1871	.35*				
			300*	120)	6-1-1891					
			301*	3	6-1-1864)				77*	
			301*	54	6-1-1871)	1.54*				
			301*	120	6-1-1891)				7*	
			347*	3	6-1-1864	.14*			7*	
			349*	3	6-1-1864	.14*			7*	
			350*	3	6-1-1864	.14*				
			391*	3	6-1-1864)				7.5*	
			391*	54	6-1-1871)	.15*				
			393*	3)	6-1-1864				14.4*	
			393*	54)	6-1-1871	.288*				62.562
			393*	120)	6-1-1891				20	62.962
		754	30	5-1-1866	.40			80	64.962	
			123-A	5-15-1893		1.60				

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				INCHES	SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE			
MIDDLETON WATER	36		65	6-1-1877	114.08				5704	
	57*		35	6-1-1867	.38				19	
	61		65	6-1-1877	.60*				30*	
	84*		31-B	6-1-1866			.60		30	
	126		65	6-1-1877	.80*				40*	
			31-A	6-1-1866					115	
		357*	65	6-1-1877	.20*	2.30			10*	
		374*	65	6-1-1877	.40*				20*	
		375*	65	6-1-1877	.20*				10*	
		384*	65	6-1-1877	.40*				20*	
		385*	65	6-1-1877	.266*				13.3*	
		386*	65	6-1-1877	.40*				20*	
		387*	65	6-1-1877	.40*				20*	
		392*	65	6-1-1877	.40*				20*	
		395*	65	6-1-1877	.50*				25*	112.794
MORES CREEK		1035	30	5-1-1866	2.00				100	2.00
NAMPA & MERIDIAN (RIDENBAUGH)			67	5-1-1878	170.00				8500	
			106	8-20-1888	370.84				18542	
		392	65	6-1-1877	.40				20	
	152		47-A	4-1-1870		.80			40	
	153		127	5-1-1895	1.00				50	
	154		8-A	4-1-1865		.80			40	
		466*	106	8-20-1888	8.90*				445*	
		595	1	6-1-1864	.20				10	535.14

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DECREE	AMOUNT DECREED			INCHES	SEC. FT.
			NO.	DATE		INTERVENORS				
						STEWART DECREE	BRYAN DECREE			
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
	1009		73-A	4-1-1880	.10*				5*	61.019

NEW YORK

	131	3-23-1900	219.10		10955
		3-23-1900		58.86	2943
		12-14-1903		1354.58	67729
		6-16-1909		926.50	46325
111	8	6-1-1864)	20.34		1017
	45	6-1-1869)			
111	96	10-1-1887	1.20		60
466	106	8-20-1888	8.90		445
701	30	5-1-1866	2.00		100
823	30	5-1-1866	6.00		300
976	30	5-1-1866	1.50		75
1007	30	5-1-1866	1.00		50
1010	30	5-1-1866	2.00		100
1017	30	5-1-1866	.60		30
					2602.58

NEW UNION

14	6-1-1865	13.76	688	13.76
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* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
O'DONNELL DITCH			114-A	5-1-1889		1.60		80	
			114-B	5-1-1889		.80		40	2.40
	227*		114-A	5-1-1889		1.60*		80*	.80
	257*		114-B	5-1-1889		.80*		40*	0.00
PARMA DITCH			71	6-1-1878	4.40			220	
			74	6-1-1880	1.76			88	
			125	6-1-1894	1.76			88	
			77-A	6-1-1881		1.60		80	
			77-B	6-1-1881		.34		17	
			77-C	6-1-1881		.80		40	
			77-D	6-1-1881		1.30		65	11.96
	257		114-B	5-1-1889		.80		40	12.76
PENITENTIARY	46		50	6-1-1866	2.24			112	2.24
PHYLLIS			90	6-1-1884	53.10			2655	
			117	9-1-1890	200.00			10000	
			135	4-1-1904	56.34			2817	
				4-1-1905			306.56	15328	
				4-1-1908			54.50	2725	
		1038	30	5-1-1866	21.715				692.215
PIONEER (LITTLE PIONEER)			49	6-1-1870	25.72			1286	25.72
PIONEER DIXIE			8	6-1-1864	20.00			1000	
			45	6-1-1869	35.44			1772	
		36	96	10-1-1887	2.00			100	
		48	96	10-1-1887	4.20			210	
		62*	96	10-1-1887	1.00*			50*	
		111*	81	6-1-1864					
			451	6-1-1869	20.34*			1017*	
		608	88	6-1-1883	1.00			50	
		644	88	6-1-1883	.70			35	
		660	88	6-1-1883	.60			30	
					2.00*			100*	
	35*							75*	39.10
	148*		96	10-1-1887	1.50*				

* SUBTRACT

CHART NO. 23

* SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.	
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES		
						STEWART DECREE	BRYAN DECREE			
SETTLERS			92	10-17-1884	99.06				4953	
			122	6-1-1891	73.44				3672	
		347	3	6-1-1864	.14				7	
		349	3	6-1-1864	.14				7	
		350	3	6-1-1864	.14				7	
		357	65	6-1-1877	.20				10	
		412	81	6-1-1882	.40				20	
	76		85-B	4-1-1883		1.00			50	
	83		85-A	6-1-1882		.72			36	
		430	65	6-1-1877	.25				12.5	
		595	1	6-1-1864	.20				10	
		654	30	5-1-1866	.50				25	
		654	30	5-1-1866	1.00				50	
		654	30	5-1-1866	.50				25	
		694	30	5-1-1866	.16				8	
		694	30	5-1-1866	.12				6	
		694	30	5-1-1866	.14				7	
		694	30	5-1-1866	.26				13	
		702	30	5-1-1866	.60				30	
		712	30	5-1-1866	.20				10	
		712	30	5-1-1866	.20				10	
		712	30	5-1-1866	.50				25	
		720	30	5-1-1866	1.34				67	
		736	37	6-1-1868	1.00				50	
		737	30	5-1-1866	1.10				55	
		739	30	5-1-1866	.15				7.5	
		753	30	5-1-1866	.46				23	183.92
		829	30	5-1-1866	.48				24	184.40
		871	36	6-1-1868	.288				14.4	
		872	36	6-1-1868	.22				11	184.908
		873	30	5-1-1866	.20				10	185.108
		890	30	5-1-1866	.10				5	185.208
		906	30	5-1-1866	.10				5	
		917	30	5-1-1866	.20				10	
		918	30	5-1-1866	.025				1.25	185.533
		940	30	5-1-1866	.05				2.5	185.583
		977	30	5-1-1866	.20				10	
		979	30	5-1-1866	.10				5	
		980	30	5-1-1866	.12				6	
		989	30	5-1-1866	.20				10	
	990	30	5-1-1866	.08				4		
	991	30	5-1-1866	.16				8	186.393	

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
THURMAN MILL			7	6-1-1864	3.30			165
			10	6-1-1865	1.20			60
			11	6-1-1865	.66			33
			36	6-1-1868	14.10			705
			37	6-1-1868	3.70			185
			42	6-1-1869	1.60			80
			55	6-1-1872	.70			35
			56	6-1-1872	1.40			70
			62	6-1-1876	.44			22
			75	6-1-1880	2.40			120
			76	10-20-1880	.90			45
			78	6-1-1882	.90			45
			79	6-1-1882	.60			30
			81	6-1-1882	2.60			130
			84	6-1-1882	1.50			75
			87	6-1-1883	.90			45
			128	7-1-1895	.66			33
		412*	81	6-1-1882	.40*			20*
		796*	37	6-1-1868	1.00*			50*
		871*	36	6-1-1868	.288*			14.4*
		872*	36	6-1-1868	.22*			11*
								35.652
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*
				6-1-1865	.50*			25*
	85*		96	10-1-1887	1.50			75
148				6-1-1865	.10*			5*
159*								12.82

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

CHART NO. 26

NECESSARY AT DIVERSION DAM TO FILL SAME

NAME	RIVER SECTION	100% OF DEGREE	75% OF DEGREE	60% OF DEGREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
1 THOMAS DAVIS	1	2.20	1.65	1.32		1073.71	1386.36
2 JACOBS CANAL CO.*	1	20.00	20.00	20.00			
3 MIDDLETON MILL DITCH CO.	1	12.80	9.60	7.68		1075.63	1389.56
4 THOMAS ANDREWS	3	3.30	2.48	1.98			
5 CATLIN & MACE	1	2.86	2.15	1.72		1076.06	1390.27
6 T. C. CATLIN	1	3.30	2.48	1.98		1076.56	1391.09
7 C. C. HAVIRD	1	3.30	2.48	1.98		1077.06	1391.91
8 PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00			1396.91
8A ADOLPH BAHLER	1	.80	.60	.48		1077.18	1397.11
8B FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08		1077.45	1397.56
9 SIEBENBERG	2	13.42	10.07	8.05			1400.91
10 ALLEN V. WEBSTER	1	1.20	.90	.72		1077.63	1401.21
11 J. F. YARYAN	1	.66	.50	.40		1077.73	1401.37
12 GRAHAM & GILBERT	1	4.40	3.30	2.64		1078.39	1402.47
13 EUREKA WATER CO.	1	33.32	24.99	19.99		1083.39	1410.80
14 NEW UNION DITCH CO.	1	13.76	10.32	8.26		1085.45	1414.24
15 BOISE VALLEY IRR. CO.	1	54.58	40.94	32.75		1093.64	1427.88
16 RIDENBAUGH & ROSSI	1	9.20	6.90	5.52		1095.02	1430.18
17 RIDENBAUGH & ROSSI (POWER)	1						
18 DENVER & IDAHO LAND CO.	1	.80	.60	.48		1095.14	1430.38
19 MARTHA BOWMAN	2	2.88	2.16	1.73			1431.10
20 BIRD BOWMAN	2	6.40	4.80	3.84			1432.70
21 G. W. GESS	2	2.90	2.18	1.74			1433.42
22 ROBERT MCGUIRE	2	3.20	2.40	1.92			1434.22
23 C. W. COOPER	2	3.20	2.40	1.92			1435.02
24 J. W. ROWLAND	2	2.40	1.80	1.44			1435.62
25 DRAPER & WELLS	2	3.94	2.96	2.36			1436.60
26 THOMAS J. PALMER	2	1.60	1.20	.96			1437.00
27 NOAH W. PALMER	2	1.58	1.19	.95			1437.39
28 J. N. TUCKER	3	7.00	5.25	4.20			
29 THOMAS ANDREWS	3	6.00	4.50	3.60			
29A LOUISE SIOMONSON	1	6.00	4.50	3.60		1096.04	1438.89
29B S.G. HARDIES & AMELIA EISLEY	1	.50	.38	.30		1096.12	1439.01
30 J. PERRAULT & R. JOHNSON*	1	50.00	50.00	50.00		1096.51	1439.66
31 WILLIAM P. KENNEDY	1	2.60	1.95	1.56		1096.86	1440.23
31A WM. MUSSER	1	2.30	1.73	1.38		1096.95	1440.38
31B MINNIE & JERRY COUZENS	1	.60	.45	.36		1097.12	1440.65
31C ALBERT C. BOWERMAN	1	1.10	.83	.66		1097.65	1441.52
32 MANVILLE & LEONARD	1	3.50	2.63	2.10		1103.37	1451.03
33 BOISE CITY CANAL CO.	1	38.06	28.55	22.83		1105.68	1454.88
34 FRANKLIN DITCH CO.	1	15.40	11.55	9.24		1117.05	1473.83
35 CANYON COUNTY WATER CO.	1	75.80	56.85	45.48		1117.31	1474.27
35A RALPH T. KNIGHT	1	1.76	1.32	1.06	8.46	1119.43	1477.79
36 MARTHA E. MCCARTHY	1	14.10	10.58	8.46	10.68	1119.99	1478.71
37 H. D. & DORA GOODMAN	1	3.70	2.78	2.22			

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

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

CHART NO. 26

NECESSARY AT DIVERSION DAM TO FILL SAME

NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
38 T. T. JOHNSON	2	3.20	2.40	1.92			1479.51
39 ROSS, ALLEN, DILLEY & ROSS	3	8.54	6.41	5.12			1479.86
40 S. S. GRAY	1	1.40	1.05	.84	11.52	1120.20	
41 JOHN MAMMON	3	1.80	1.35	1.08			1480.26
42 ISSAC BEDAL	1	1.60	1.20	.96	12.48	1120.44	1481.16
43 FREDERICH ODE	2	3.60	2.70	2.16			
44 PRIOR BURNETT	3	8.50	6.38	5.10			1490.02
45 PIONEER DIXIE DITCH CO.	2	35.44	26.58	21.26			1499.32
46 MASON CREEK DITCH CO.	1	37.20	27.90	22.32	34.80	1126.02	
47 T. W. BOONE	3	3.50	2.63	2.10			1499.52
47A ADOLPH BAHLER	1	.80	.60	.48	35.28	1126.14	1500.17
48 W. J. HAMMING	1	2.60	1.95	1.56	36.84	1126.53	1506.60
49 PIONEER CANAL	1	25.72	19.29	15.43	52.27	1130.39	1507.16
50 BARBER LUMBER CO.	1	2.24	1.68	1.34	53.61	1130.73	
51 THOMAS ANDREWS	3	1.30	.98	.78			1507.41
51A S.G. HARDIES & AMELIA EISLEY	1	1.00	.75	.60	54.21	1130.88	1509.37
52 CATLIN & MACE	1	7.86	5.90	4.72	58.93	1132.06	1509.82
53 PETER MEEVES	1	1.80	1.35	1.08	60.01	1132.33	1518.24
54 MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	80.23	1137.39	1518.41
55 J. F. YARYAN	1	.70	.53	.42	80.65	1137.50	1518.76
56 J. F. YARYAN	1	1.40	1.05	.84	81.49	1137.71	1519.86
57 MARY C. DAVIS	1	4.40	3.30	2.64	84.13	1138.37	1520.68
58 EDWARD N. HART	1	3.30	2.48	1.98	86.11	1138.87	
59 T. W. BOONE	3	2.20	1.65	1.32			1523.18
60 FARMER'S CO-OP. DITCH CO.	2	10.00	7.50	6.00			1523.75
61 EDWARD & MARY CLARK	1	2.30	1.73	1.38	87.49	1139.22	1523.86
62 JOHN CECIL	1	.44	.33	.26	87.75	1139.29	1525.16
63 THOMAS AIKEN	1	5.20	3.90	3.12	90.87	1140.07	1525.38
64 W. H. CONWAY	1	.90	.68	.54	91.41	1140.21	1525.90
65 MIDDLETON WATER CO.	1	114.08	85.56	68.45	139.86	1157.32	
66 PERRAULT & JOHNSON (POWER)	1	.80	.60	.48	160.34	1157.44	1554.10
66A J. S. KRAUS	1	1.40	1.05	.84	161.18	1157.63	1554.43
66C J. W. KOLANDER	1	.80	.60	.48	161.66	1157.77	1554.63
66D M. T. GRIFFITH	1	170.00	127.50	102.00	263.66	1183.27	1597.13
67 Nampa, Meridian Irrig. Dist.	3	4.20	3.15	2.52			
68 JOHN MAMMON	3	3.36	2.52	2.02			
69 JULIA MAMMON	3	8.80	6.60	5.28			
70 CHARLES ALLEN	3	4.40	3.30	2.64			
71 R. H. STOCKTON	3	3.00	2.25	1.80			1604.98
71A ISLAND HIGHLINE DITCH CO.	3	31.32	23.49	18.79	282.45	1187.97	1605.98
72 NEW DRY CREEK DITCH CO.	1	4.00	3.00	2.40			1606.11
73 D. MUMFORD	2	.54	.41	.32	282.77	1188.06	
73A GOBLE & SONGER	1	1.76	1.32	1.06			1606.71
74 SMITH STOCKTON	3	2.40	1.80	1.44	284.21	1188.42	1606.92
75 ISHAM JOPLIN	1	.816	.61	.49	284.70	1188.54	
75A C. B. FRANK	3	3.20	2.40	1.92			1607.14
75A ALBERT LEMP ET AL	1	.90	.68	.54	285.24	1188.68	
76 JOSEPH GOBLE							

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

CHART NO. 26

NECESSARY AT DIVERSION DAM TO FILL SAME

NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
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 JURRIES	3	.34	.26	.20			
77C JAMES FINLAY	3	.80	.60	.48			
77D LESTER J. SHIPPY	3	1.30	.98	.78			1614.95
77E ROO HELMS	2	3.674	2.76	2.20			
78 ALLEN V. WEBSTER	1	.90	.68	.54	302.34	1192.96	1615.17
79 SUSIE CAMPBELL	1	.60	.45	.36	302.70	1193.05	1615.32
80 J. T. BARBER	1	1.60	1.20	.96	303.66	1193.29	1615.72
81 SONORA JOPLIN	1	3.40	2.55	2.04	305.70	1193.80	1616.57
82 S. W. HUTCHINSON	1	.44	.33	.26	305.96	1193.87	1616.68
83 JOHNSON	1	.44	.33	.26	306.22	1193.94	1616.79
84 ANDREW J. JOPLIN	1	2.86	2.15	1.72	307.94	1194.37	1617.50
85 JAMES L. GRAHAM	1	2.20	1.65	1.32	309.26	1194.70	1618.05
85A LEO MARSTERS	1	1.60	1.20	.96	310.22	1194.94	1618.45
85B JACOB BINGHAM	1	1.00	.75	.60	310.82	1195.09	1618.70
85C WM HUCKBA	1	.203	.15	.12	310.94	1195.12	1618.75
85D C. H. SCHMELZER	1	.7506	.56	.45	311.39	1195.23	1618.94
85E C. W. MCCLURG	1	.35	.26	.21	311.60	1195.28	1619.03
86 FARMERS CO-OP 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			1624.25
89 EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1627.25
90 PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	344.00	1203.39	1632.67
91 RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			1645.94
92 SETTLERS CANAL CO.	1	99.06	74.30	59.44	403.44	1218.25	1650.94
93 NEW DRY CREEK CO.	1	15.22	11.42	9.13	412.57	1220.54	1675.70
94 THOMAS DAVIS	1	13.40	10.05	8.04	420.61	1222.55	1679.50
95 WM. F., L. & E. YOUNG	2	4.00	3.00	2.40			1682.85
96 AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68	425.33	1223.73	1683.85
97 NEW DRY CREEK DITCH	1	7.86	5.90	4.72	427.73	1224.33	1695.80
98 A. V. LINDER	1	4.00	3.00	2.40	428.51	1224.53	1697.76
99 LEVI SMITH	1	1.30	.98	.78	429.35	1224.74	1698.76
100 CHARLOTTE CALHOUN	1	1.40	1.05	.84	430.23	1224.96	1699.08
101 ED J. LINDER	1	1.46	1.10	.88	430.95	1225.14	1699.43
102 LIZZIE EVERETT	1	1.20	.90	.72	431.79	1225.35	1699.79
103 JESSIE WILSON	1	1.40	1.05	.84			1700.09
104 THOMAS ANDREWS	2	.90	.68	.54			1700.44
105 FARMERS CO-OP. DITCH	2	50.00	37.50	30.00	648.95	1279.65	1712.94
106 NAMPA MERIDIAN IRRIG. DIST.	1	361.94	271.46	217.16	654.29	1280.98	1803.42
107 BOARD OF CONTROL	1	8.90	6.67	5.34	654.33	1280.99	1803.65
108 CHARLES S. MILLER	1	.06	.05	.04	654.34	1280.99	1803.66
109 LAMMIS L. HOSLEY	1	.02	.015	.01	655.78	1281.35	1803.67
110 S. J. UTTER & C. B. TAYLOR	1	2.40	1.80	1.44	659.38	1282.23	1806.27
111 SOUTH BOISE MUTUAL IRR. CO.	1	6.00	4.50	3.60	661.14	1282.70	1807.77
112 ESTATE OF J. H. GALLAGHER	1	2.94	2.21	1.76	661.17	1282.71	1808.50
113 ANNA M. FOGARTY	1	.05	.04	.03	661.23	1282.73	1808.51
114 GRACE CALL	1	.10	.08	.06			1808.53

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

CHART NO. 26

NECESSARY AT DIVERSION DAM TO FILL SAME

NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
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 JURRIES	3	.34	.26	.20			
77C JAMES FINLAY	3	.80	.60	.48			
77D LESTER J. SHIPPY	3	1.30	.98	.78			1614.95
77E ROC HELMS	2	3.674	2.76	2.20			
78 ALLEN V. WEBSTER	1	.90	.68	.54	302.34	1192.96	1615.17
79 SUSIE CAMPBELL	1	.60	.45	.36	302.70	1193.05	1615.32
80 J. T. BARBER	1	1.60	1.20	.96	303.66	1193.29	1615.72
81 SONORA JOPLIN	1	3.40	2.55	2.04	305.70	1193.80	1616.57
82 S. W. HUTCHINSON	1	.44	.33	.26	305.96	1193.87	1616.68
83 JOHNSON	1	.44	.33	.26	306.22	1193.94	1616.79
84 ANDREW J. JOPLIN	1	2.86	2.15	1.72	307.94	1194.37	1617.50
85 JAMES L. GRAHAM	1	2.20	1.65	1.32	309.26	1194.70	1618.05
85A LEO MARSTERS	1	1.60	1.20	.96	310.22	1194.94	1618.45
85B JACOB BINGHAM	1	1.00	.75	.60	310.82	1195.09	1618.70
85C WM HUCKBA	1	.203	.15	.12	310.94	1195.12	1618.75
85D C. H. SCHMELZER	1	.7506	.56	.45	311.39	1195.23	1618.94
85E C. W. MCCLURG	1	.35	.26	.21	311.60	1195.28	1619.03
86 FARMERS CO-OP 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
91 RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			1650.94
92 SETTLERS CANAL CO.	1	99.06	74.30	59.44	403.44	1218.25	1675.70
93 NEW DRY CREEK CO.	1	13.22	11.42	9.13	412.57	1220.54	1679.50
94 THOMAS DAVIS	1	13.40	10.05	8.04	420.61	1222.55	1682.85
95 WM. E., L. & E. YOUNG	2	4.00	3.00	2.40			1683.85
96 AMERICAN DITCH ASSOC.	2	47.80	35.85	28.68	425.33	1223.73	1685.80
97 NEW DRY CREEK DITCH	1	7.86	5.90	4.72	427.73	1224.33	1687.76
98 A. V. LINDER	1	4.00	3.00	2.40	428.51	1224.53	1689.08
99 LEVI SMITH	1	1.30	.98	.78	429.35	1224.74	1690.43
100 CHARLOTTE CALHOUN	1	1.40	1.05	.84	430.23	1224.96	1691.79
101 ED J. LINDER	1	1.46	1.10	.88	430.95	1225.14	1693.09
102 LIZZIE EVERETT	1	1.20	.90	.72	431.79	1225.35	1694.44
103 JESSIE WILSON	1	1.40	1.05	.84			1712.94
104 THOMAS ANDREWS	3	.90	.68	.54			1803.42
105 FARMERS CO-OP. DITCH	2	50.00	37.50	30.00	648.95	1279.65	1805.65
106 Nampa Meridian Irrig. Dist.	1	361.94	271.46	217.16	654.29	1280.98	1805.66
106 BOARD OF CONTROL	1	8.90	6.67	5.34	654.33	1280.99	1805.67
107 CHARLES S. MILLER	1	.06	.05	.04	654.34	1280.99	1806.27
108 LAMMIS L. HOSLEY	1	.02	.015	.01	655.78	1281.35	1807.77
109 S. J. UTTER & C. B. TAYLOR	1	2.40	1.80	1.44	659.38	1282.25	1808.50
110 SOUTH BOISE MUTUAL IRR. CO.	1	6.00	4.50	3.60	661.14	1282.70	1808.51
111 ESTATE OF J. H. GALLAGHER	1	2.94	2.21	1.76	661.17	1282.71	1808.53
112 ANNA H. FOGARTY	1	.03	.04	.03	661.23	1282.73	
113 GRACE CALL	1	.10	.08	.06			

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

CHART NO. 26

NECESSARY AT DIVERSION DAM TO FILL SAME

NAME	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
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. HARDIES & 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 IRRIG. 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	.34	.41	.32	784.15	1313.47	1860.04
120 MIDDLETON MILL DITCH	1	17.00	12.75	10.20	794.35	1316.02	1864.29
121 THOMAS ANDREWS	3	3.50	2.63	2.10			
122 SETTLERS CANAL CO.	1	73.44	55.08	44.06	838.41	1327.04	1882.65
123 THOMAS AIKEN	1	.80	.60	.48	838.89	1327.16	1882.85
123A OTTO & MARIE MULLER	1	1.60	1.20	.96	839.85	1327.40	1883.25
124 RIVERSIDE IRRIG. DIST.	2	80.00	60.00	48.00			1903.25
124A W. D. CHARTERS	1	.825	.62	.50	840.35	1327.52	1903.46
125 R. H. STOCKTON	3	1.76	1.32	1.06			
126 FARMERS UNION DITCH	1	110.00	82.50	66.00	906.35	1344.02	1930.96
127 CHARLES REIN & JAMES KEOGH	1	1.00	.75	.60	906.95	1344.17	1931.21
128 MATHEW CASEY	1	.66	.50	.40	907.35	1344.27	1931.37
129 FARMERS CO-OP. DITCH	2	83.50	62.63	50.10			1952.24
129A H. E. PLAIN	1	.54	.41	.32	907.67	1344.36	1952.37
130 RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			1957.37
131 NEW YORK CANAL CO.	1	219.10	164.33	131.46	1029.13	1377.23	2012.14
132 CANYON DITCH CO.	2	10.00	7.50	6.00			2014.64
133 RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			2032.14
134 CANYON DITCH CO.	2	5.54	4.16	3.32			2033.52
135 PIONEER IRRIG. DIST.	1	56.34	42.26	33.80	1072.93	1385.69	2047.60
136 H. E. WIMER	1	.356	.27	.21	1073.14	1385.75	2047.69
137 B. P. WEAVERLING	1	1.60	1.20	.96	1074.10	1385.99	2048.09
137A ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20			
138 WESLEY A. MACE	1	.40	.30	.24			
139 ISLAND HIGHLINE DITCH CO.	3	10.00	7.50	6.00	1074.34	1386.05	2048.19

(SEE NOTES IN FRONT OF REPORT FOR FURTHER EXPLANATIONS)

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

CHART NO. 27

NECESSARY AT DIVERSION DAM TO FILL SAME

Any Supplements?

PRIORITY DATE	NAME	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW NECESSARY TO FILL TO 60%	FLOW NECESSARY TO FILL TO 75%	FLOW NECESSARY TO FILL TO 100%
7-2-94	FARMERS UNION	54.46	40.85	32.68	2080.47	3843.43	4295.75
3-23-00	NEW YORK IRRIGATION DIST.) BOISE KUNA (IRIG. DIST.)	58.86	44.15	35.32	2115.79	3852.26	4310.46
12-14-03	UNITED STATES OF AMERICA	1062.08 1354.58	1015.94	812.75	2928.54	4055.45	4649.10
4-1-05	PIONEER IRRIGATION DIST.	306.55	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	634.00 292.5 4-1-09 634.00-6-16-09 926.50	694.88	555.90	3796.99	4272.57	5010.94
4-1-10	RIVERSIDE IRRIGATION DIST.	63.78	47.84	38.27	3835.26	4282.14	5026.88
4-1-10	MCMAHUS & TEATER	3.35	2.52	2.02	3837.28	4282.64	5027.72
1-13-11*	UNITED STATES OF AMERICA (ARROWROCK STORAGE)	8000.00					13027.72
4-1-14	RIVERSIDE IRRIGATION DIST.	17.70					13045.42

(check for w. c. Arnett right)
3-23-00

177 right
153 wrong
middle mill

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

