

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1952**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1952

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

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

BY

EDWIN B. KARN
WATERMASTER, BOISE RIVER

C H A R T S

1. Map of Boise River, showing canal diversions.
2. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G, 2-H, 2-I, 2-J and 2-K are tables showing natural flow of Boise River by days for the period from 1895 to 1940 inclusive. 2-L, 2-M, 2-N and 2-O show the same information for the period from 1941 to date
3. Table showing mean daily flow of Boise River for a 50 year period.
4. Table showing monthly and annual flow of Boise River in acre-feet, for the irrigation years from 1894-95 to date.
5. 5-A, 5-B, 5-C, 5-D and 5-E, daily discharge of all canals (Sections 1 and 2) for irrigation season
6. Summary table in acre-feet showing monthly and total canal diversions for the irrigation season
7. 7-A, summary table showing total annual diversions for all Boise Valley canals beginning 1915.
8. 8-A and 8-B, daily discharge of all principal tributary streams feeding water to Boise River below More's Creek for irrigation season
9. Two tables 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 tables 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 tables 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. Table showing acreage under all canals in the Boise Valley.
14. Table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1934.

C H A R T S

(Continued)

17. Table showing total discharge of drainage canals in Drainage District No. 2 for the irrigation season
18. Two tables showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4 for the irrigation season
19. Summary table of return flow to Boise River between the Government Diversion Dam and Notus beginning 1914.
20. Table showing distribution of drainage water to various canals
21. Table showing Intervenor Decrees on Boise River (Intervenors in the Stewart Decree), giving priority number, date and amount decreed.
22. Table showing changes in point of diversion of decreed rights on Boise River.
23. 23-A, tables showing transfers of decreed rights on Boise River.
24. Condensed table of Stewart Decree showing dates of priority and amounts decreed.
25. 25-A, 25-B, 25-C, 25-D, 25-E, 25-F, 25-G, 25-H and 25-I are tables showing the Stewart, Intervenor's and Bryan Decrees grouped under canal headings.
26. 26-A, 26-B and 26-C are tables in second feet showing decreed rights (Stewart Decree) and natural flow at Diversion Dam necessary to fill same. 26-D is a table 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 1952 was the same that it has been for several years past. It includes a Chairman and Secretary, a Watermaster, one Assistant for a few months during the summer, and a part-time stenographer.

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

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

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

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

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

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

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

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total annual flow for 1952 was 2,863,930 acre-feet. Precipitation was about normal in March and above normal in April. Irrigation started late in April and built up fairly fast. The river flow went above 10,000 feet on April 15 and did not drop below that figure until June 13. The highest flow was 23,239 second feet on April 28 and the lowest flow was 632 second feet on September 26. River regulation was begun on July 1 and continued for the balance of the season. The demand for water was fairly heavy until the last week in September.

Charts 2 to 2-K inclusive show the daily natural flow of the Boise River from 1895 to 1940 inclusive. Charts 2-L to 2-O inclusive show the daily natural flow of the Boise River from 1941 to date

Chart 4 is a table compiled from previous charts, showing the total monthly and annual flow of the Boise River in acre-feet for the irrigation years beginning 1894-95.

CANAL REGULATIONS

It was necessary to begin canal regulations July 1.

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

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

Chart 7 is a table showing the return flow, canal diversions, winter diversions and winter waste for the entire Boise Valley for each season beginning 1916 to 1938 inclusive. Chart 7-A shows the same information from 1939 to date.

TRIBUTARY GAIN

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

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

NET GAIN

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

RIVER FLUCTUATION

Fluctuations of river flow were less than average in 1952. These fluctuations are largely beyond the control of the Watermaster and will continue to remain as a menacing problem from that standpoint in connection with irrigation deliveries.

CLASSIFICATION OF RIVER

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

SECTION I

Chart 10 shows the condition that existed in this section during the period July 1 to September 30 inclusive. The average net gain in this section per day during this period was 345 second feet.

SECTION II

Chart 11 is a table showing the condition that existed in this section during the period July 1 to September 30 inclusive. The average return flow per day during this period to this section was 1034 second feet.

SECTION III

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

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

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

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

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

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

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

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

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

Chart 14 is a table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1934. 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 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 the period beginning 1914.

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

INTERVENORS

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

CHANGES IN POINT OF DIVERSION

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

TRANSFERS

Charts 23 and 23-A are tables showing the transfer of decreed rights on the Boise River as recorded in the office of the State Reclamation Engineer.

STEWART DECREE

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

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

STEWART AND BRYAN DECREES GROUPED BY CANAL HEADINGS

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

BRYAN DECREE

Chart 26-D 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 on matters of this kind the people of the valley generally are too much inclined to take the attitude of 'Let George do it'. The preservation and protection of this great natural resource, not only for the benefit of present day waterusers but for generations yet to come, should have the constant attention and consideration of all concerned. It is the opinion of this writer that this resource, which is of such importance

to the entire populace of the Boise Valley, should remain under federal control."

STORAGE WATER

As of March 1 there was 225,000 acre feet in Anderson Ranch Reservoir and 277,000 in Arrowrock Reservoir. No water is being released from Anderson Ranch. Arrowrock will be lowered some in anticipation of the runoff which is not expected to be heavy.

FLOOD CONTROL

Lucky Peak Dam construction has been delayed, and it will be October 1954 before any water can be stored, according to present calculations.

The Army Engineers have had no money appropriated for work on Boise River. There are several very bad places along the river and some damage is anticipated.

COST REPORT - 1952

Watermaster Salary.	\$5,000.00
Assistant Watermaster Salary.	850.00
Car Mileage	1,008.77
Miscellaneous	699.98
Telephone	78.78
Office Rent	180.00
Stenographic Services	313.00
Insurance	82.20
Social Security Tax	<u>48.50</u>
Sub-Total	\$8,261.23

SERVICES RENDERED BY THE BOISE PROJECT BOARD OF CONTROL

Gage Readers, Dowling	.\$ 180.00
More's Creek.	160.00
Telephone Service to Upper River.	270.00
Assistance in Current Meter work.	235.00
Office Work, compiling records of natural flow, etc.	225.00
Total value of services as fixed by Committee	1,070.00
TOTAL COSTS TO WATER DISTRICT 12-A FOR 1952	\$9,331.23

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 30 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 the constant threat of flood is a serious menace to the low lands of the Boise Valley.

16. That Lucky Peak Dam and Reservoir, as authorized by the Congress, will go a long way towards solving the flood problems of the Boise Valley.

* * * * *

R. 2 W.

Department of the Interior
United States Reclamation Service
Boise Project Idaho

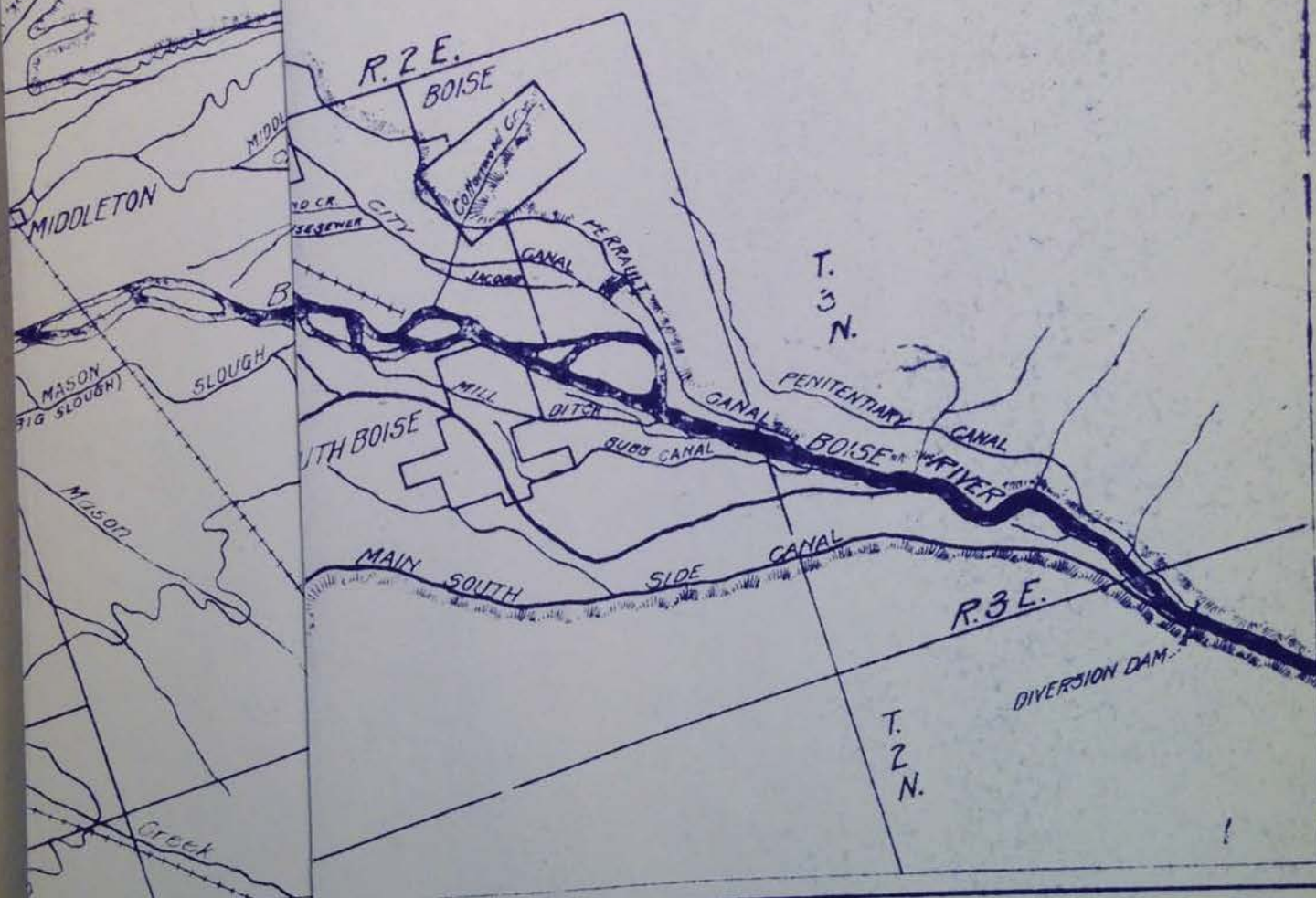
DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER

From Government Diversion Dam to Snake River

(Revised State Engineers Map of 1904)

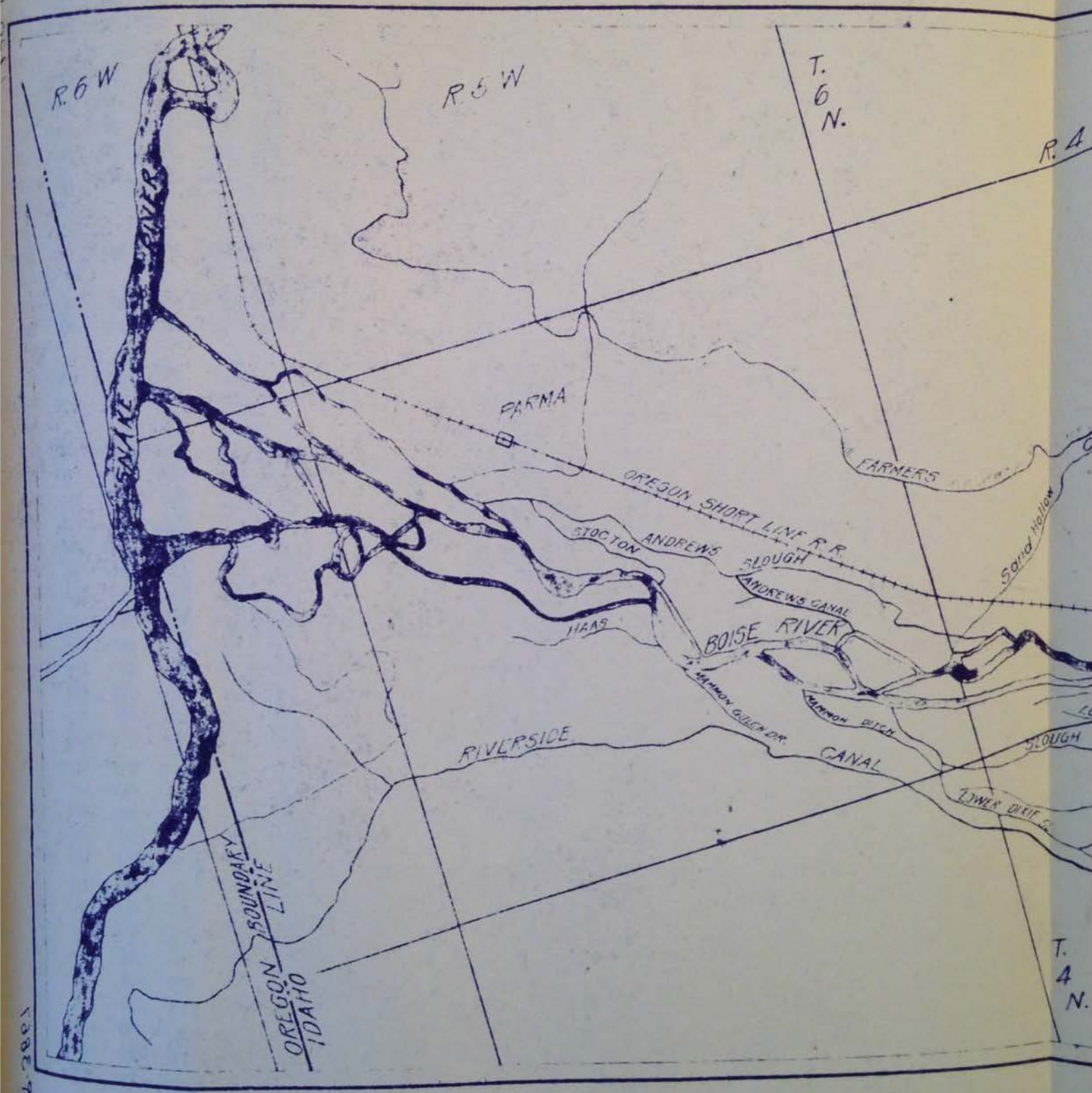
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F. E. Weymouth George H. Bliss
Supervising Engr Project Manager
JAN 1915



N. 38 E.

T. 38 E. N.



R. 6 W

R. 5 W

T. 6 N.

R. 4

PARMA

OREGON SHORT LINE R.R.

STOCTON

ANDREWS

ANDREWS CANAL

HAAS

BOISE RIVER

RIVERSIDE

MAYNOR GULCH DR.

MAYNOR DITCH

CANAL

LOWER DEEP S.

SLOUGH

SAND HOLLOW

FARMERS

OREGON IDAHO
BOUNDARY LINE

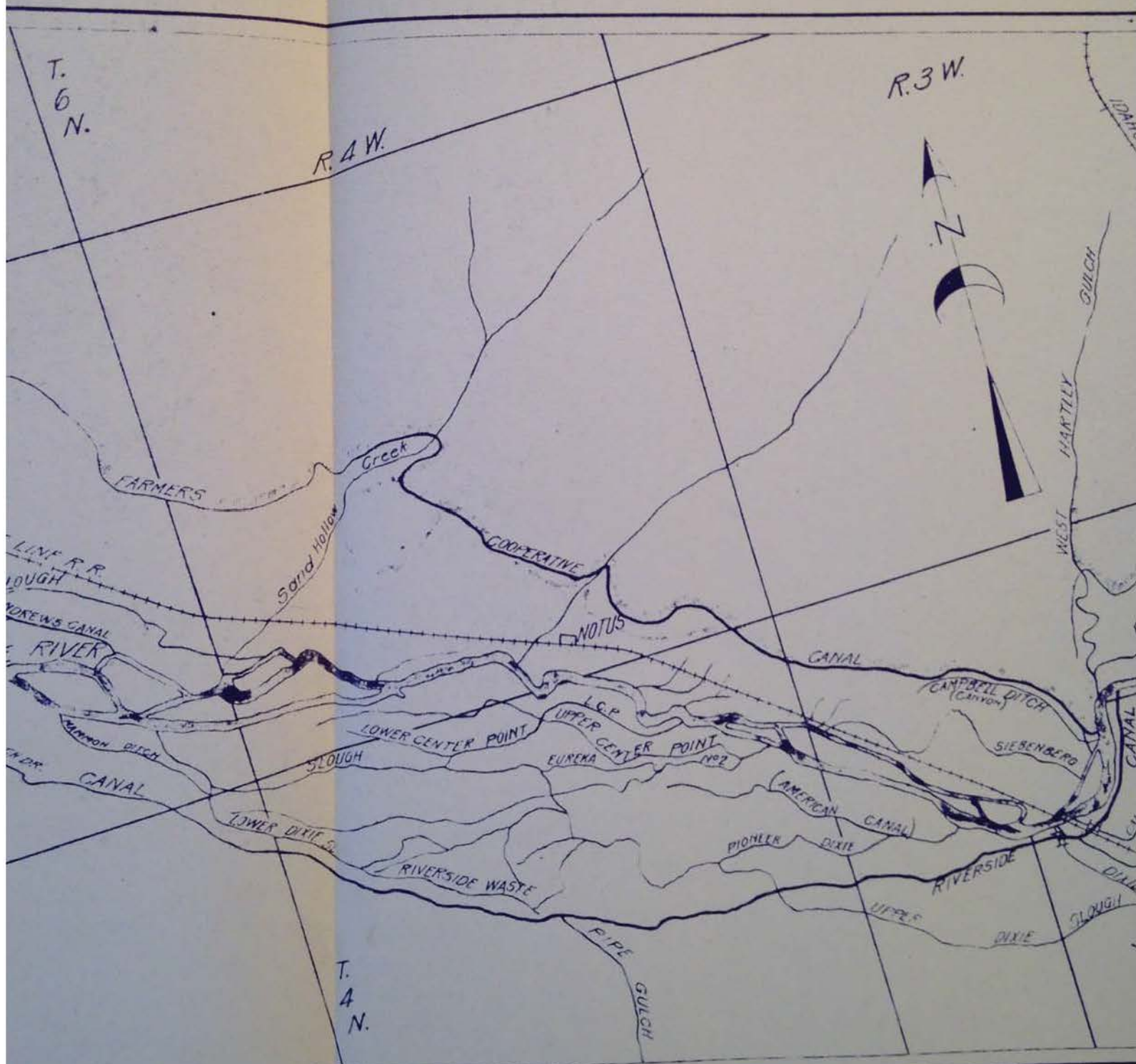
T. 4 N.

100 E. 7

T.
6
N.

R. 4 W.

R. 3 W.

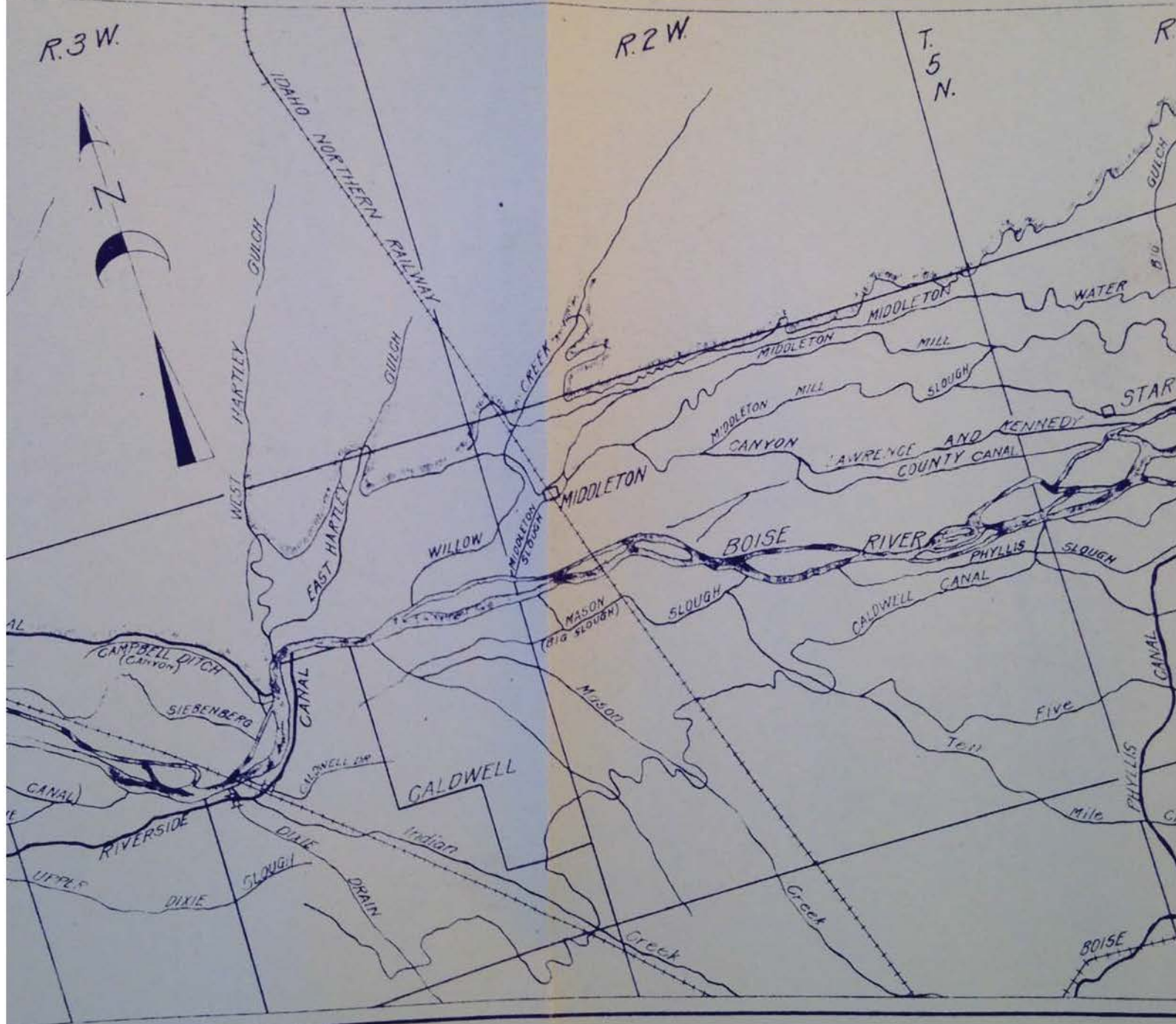


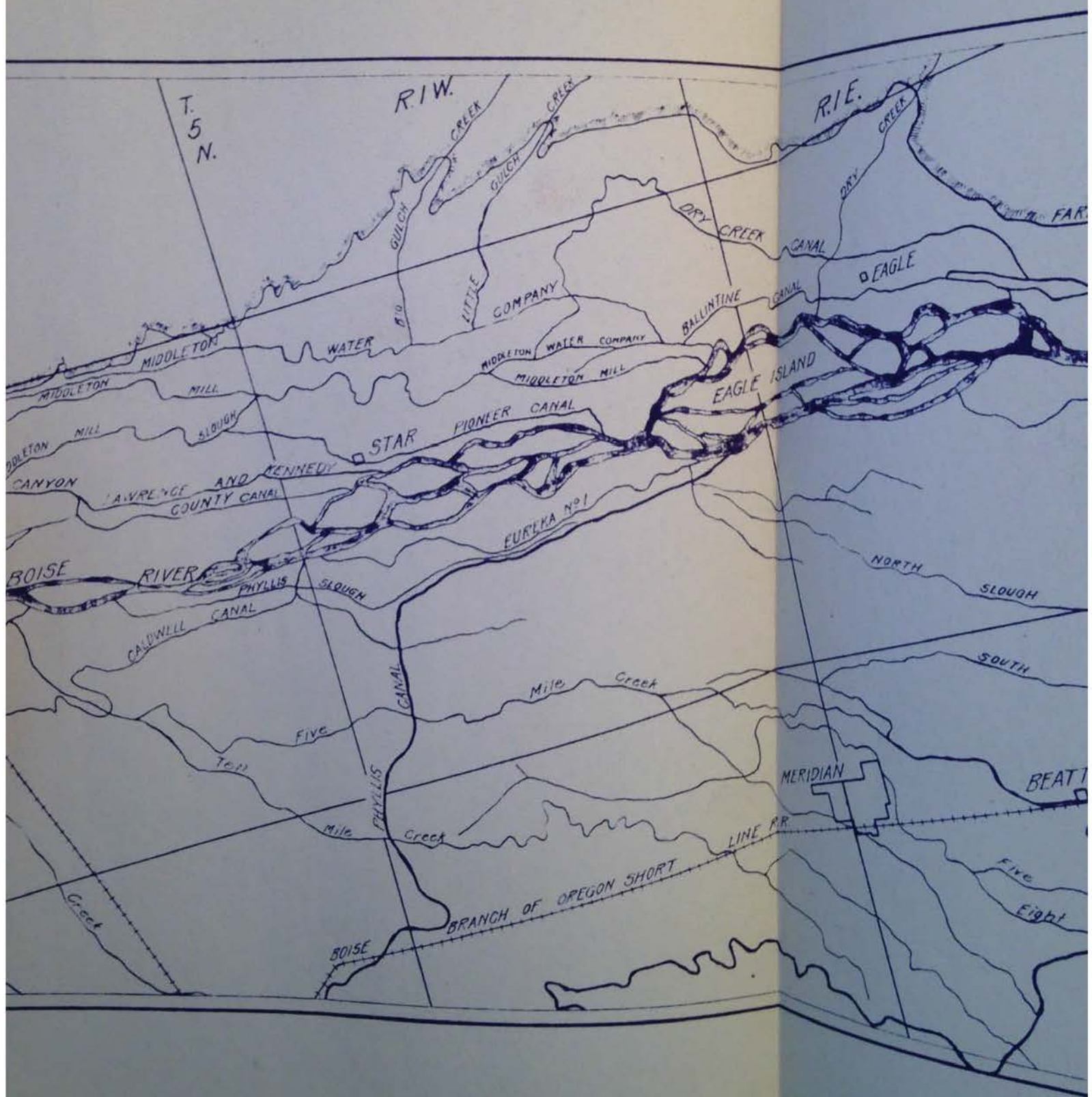
R.3 W.

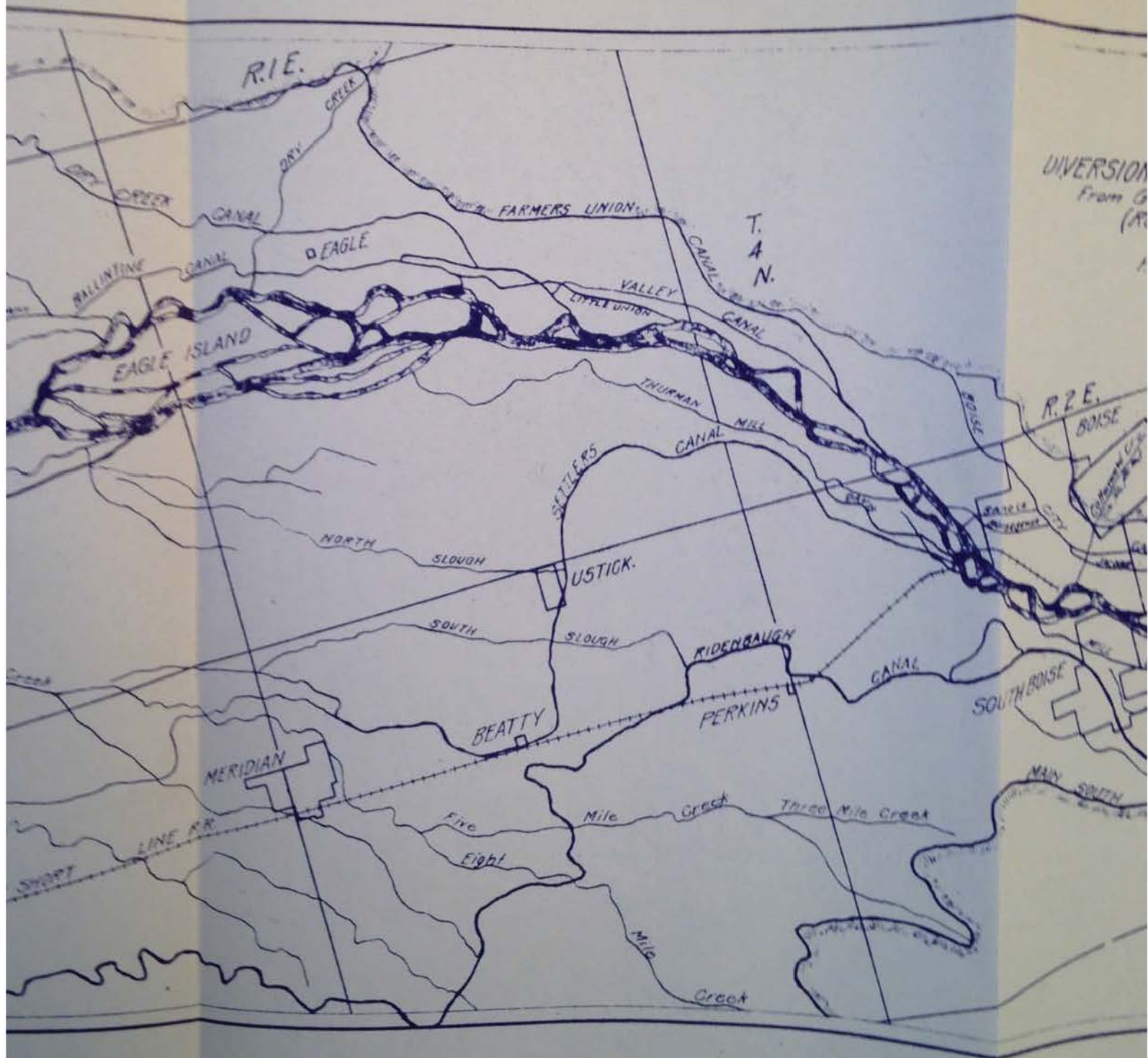
R.2 W.

T.5 N.

R.1 E.







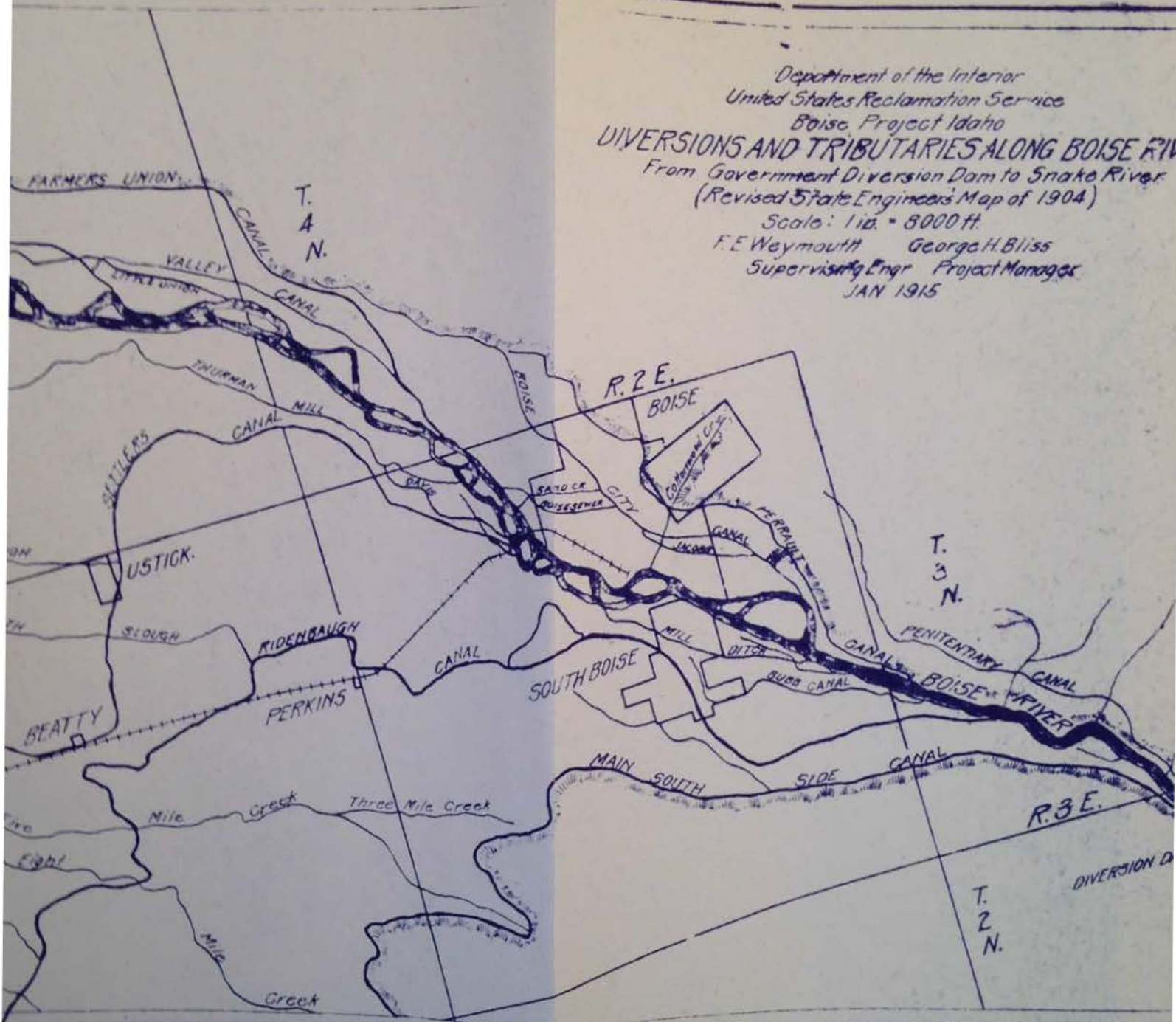
Department of the Interior
United States Reclamation Service
Boise Project Idaho

DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER

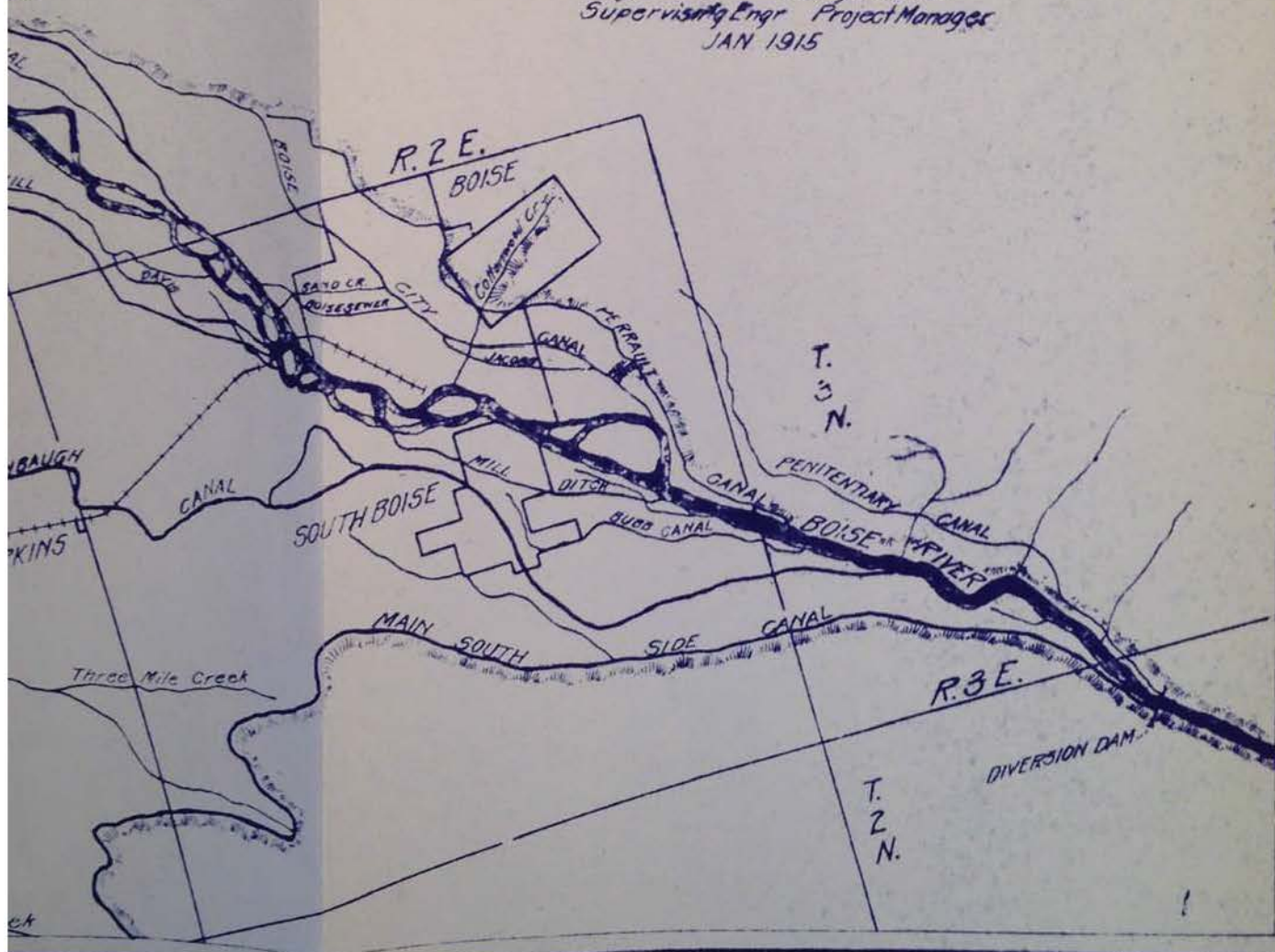
From Government Diversion Dam to Snake River
(Revised State Engineer's Map of 1904)

Scale: 1 in. = 8000 ft.

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



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 Managers
 JAN 1915



TABLE, IN SECOND FEET, SHOWING

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	1470	1410	1280	1320	1330	1240	1180	980	1100	1240	1280	1330	1510	1650	1490	1450	1430	1370	1330
1896	950	1070	720	720	720	720	720	950	950	950	950	1070	950	720	720	620	1010	1280	1350
1897	1070	1010	1010	950	950	890	890	950	950	1010	890	830	720	620	620	620	570	570	570
1898			550			550				550			550				550		
1899	2580	2580	2580	2580	2580	2780	2780	2780	2780	2780	2780	2780	2780	2780	2980	2980	2980	2980	2980
1900	1570	1680	1680	1570	1680	1680	1680	1570	1360	1360	1570	1910	1910	2480	4120	3910	3520	2810	2330
1901	1200	1200	1350	1310	1370	1510	1390	1350	1350	1350	1270	1270	1270	1350	1430	1270	1270	1200	1200
1902	1120	1270	1190	1140	1080	1120	1120	1140	1120	1040	900	865	830	900	900	1000	1080	1120	1080
1903	1280	1070	945	1040	945	945	945	945	945	945	1080	752	500	500	570	640	670	715	790
1904																			
1905																			
1906	700	700	675	700	750	880	750	750	750	810	880	880	810	810	810	810	810	1060	960
1907																			
1908	1180	1100	1100	1070	1040	965	900	965	1140	1070	1040	1140	1070	1180	1240	1100	1100	1070	1070
1909	790	980	1100	1220	1220	1140	1140	1140	1310	1140	1060	1020	1020	1220	1490	3030	2610	3090	3990
1910																			
1911	870	750	940	1105	1035	1035	1070	1140	1140	1140	1070	1000	1000	1000	965	870	810	870	1140
1912	990	940	1020	1020	1020	1260	1230	1160	1230	1230	1230	1100	1100	1230	1380	1640	1660	1460	1420
1913																			
1914	1080	1150	1220	1220	1220	1220	1220	1220	1080	950	824	824	950	1150	1150	1080	1080	1220	1150
1915	930	1050	1050	1050	1050	990	990	930	990	930	990	930	930	930	900	990	900	930	930
1916	715	736	763	760	746	744	740	763	766	763	736	754	764	759	717	723	719	733	746
1917	679	891	1006	991	936	984	1253	888	715	811	740	769	677	662	603	595	498	590	498
1918	5240	4046	3033	2462	2244	2153	2078	1964	1826	1738	1428	1419	1445	1621	1583	1527	1450	1480	1517
1919	569	605	555	535	620	680	740	659	669	674	684	727	798	820	801	787	929	1109	1118
1920	883	863	815	737	728	696	784	787	797	698	674	657	651	692	747	880	1047	1096	1083
1921	2600	2129	3154	2307	2458	2330	2279	1751	1540	1545	1393	1217	1155	1048	1819	1935	1700	1477	2586
1922	972	1280	1255	1111	921	1046	990	1178	1092	983	905	694	797	927	802	728	1028	1028	802
1923	1070	765	869	855	944	1028	1426	1538	1390	1317	1210	1155	897	938	1020	919	934	991	987
1924	764	675	659	709	609	484	600	824	945	1248	949	899	661	662	673	883	881	843	761
1925	923	783	724	782	772	794	837	867	667	714	715	629	716	575	625	601	652	656	816
1926	684	574	823	866	850	889	940	830	756	688	802	772	740	692	776	801	902	862	760
1927	1026	1079	1033	1317	1062	1115	1193	1121	941	762	704	1179	1334	1066	1052	1083	1223	1051	1069
1928	791	1142	1433	1510	1566	1590	1368	1230	991	1425	1419	1298	1745	1882	2109	1887	1228	1224	1205
1929	739	690	945	917	692	567	560	721	690	726	811	793	588	977	787	852	785	854	789
1930	938	842	835	777	762	830	742	440	446	731	771	805	859	779	706	804	604	559	645
1931	599	872	737	745	797	713	807	686	637	623	750	810	745	660	541	794	759	652	648
1932	567	678	656	697	617	622	689	687	683	707	734	731	644	446	481	501	645	727	771
1933	732	661	708	663	697	678	665	744	790	771	690	652	635	677	654	636	831	653	735
1934	1326	1219	1372	1537	1498	1238	1104	773	834	977	908	1020	817	930	1026	957	867	871	833
1935	984	623	583	660	969	1010	1040	1018	954	966	807	944	930	705	861	887	1228	492	739
1936	702	741	866	831	928	706	657	848	766	835	797	993	1029	801	922	782	798	811	718
1937	345	403	532	584	619	717	699	459	398	483	563	613	633	608	709	684	697	692	717
1938	878	975	1135	945	734	735	735	734	904	904	989	999	1074	914	1075	1325	1310	1220	1240
1939	1221	925	1026	1014	1304	1021	812	686	481	822	794	691	791	791	790	786	786	804	931
1940	950	1031	1446	1447	1220	1014	864	660	872	1004	1128	849	749	740	673	670	697	857	784

TABLE, IN SECOND FEET, SHOWING DAILY FLOW OF BOISE RIVER

CHART NO. 2

JANUARY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1650	1490	1450	1430	1370	1330	1280	1240	1220	1240	1210	1140	1040	1070	950	1100	1140	1280	
720	720	620	1010	1280	1350	1430	1870	1870	1870	1350	1280	1510	1680	1770	1680	1680	1590	
620	620	620	570	570	570	720	830	830	950	770	720	720	620	620	830	950	1010	
			550			550				550			550			550	550	
2780	2980	2980	2980	2980	2980	2980	2980	2980	2780	2780	2780	2780	2060	1580	1340	1220	1220	
2480	4120	3910	3520	2810	2330	2260	2180	2040	2040	2040	1680	1680	1680	1680	1680	1680	1680	
1350	1430	1270	1270	1200	1200	1270	1310	1350	1310	1270	1240	1200	1200	1200	1130	1130	1200	
900	900	1000	1080	1120	1080	1040	1000	970	900	830	830	830	830	760	695	830	1120	
500	570	640	678	715	790	1020	1950	1680	1380	2400	4100	2990	2400	2010	1680	1570	1470	
810	810	810	810	1060	960	880	810	960	880	810	810	960	880	810	810	750	750	
1180	1240	1100	1100	1070	1070	1240	1140	1070	930	1040	1180	1180	1100	1070	1040	1100	1965	
1220	1490	3030	2610	3090	3990	5460	5780	5460	4060	3210	2850	2490	2270	2110	1960	1860	1860	
1000	965	870	810	870	1140	1210	810	780	700	650	1000	675	1080	1140	1210	1320	2140	
1230	1380	1640	1660	1460	1420	1340	1230	1230	1200	1300	1420	1550	1550	1380	1300	1230	1160	
1150	1150	1080	1080	1220	1150	1080	1150	1220	1220	1220	1220	1220	1370	1300	1150	1220	1220	
930	900	990	900	930	930	930	930	930	930	770	730	930	990	1050	1110	1050	1050	
759	717	723	719	733	746	745	918	1067	973	946	975	908	889	869	836	849	843	
662	603	595	498	590	498	590	590	682	780	673	861	867	864	777	877	777	690	
1621	1583	1527	1450	1480	1517	1437	1360	1207	1145	1201	1380	1603	1659	1506	1413	1355	1386	
820	801	787	929	1109	1118	1073	1011	1028	1116	1072	1015	928	868	851	779	758	688	
692	747	880	1047	1096	1083	1014	1012	934	901	809	976	1211	2381	2491	2430	1984	1726	
1048	1819	1935	1700	1477	2586	2347	2032	1360	1520	1338	1760	1820	1565	1578	1380	1757	1331	
927	802	728	1028	1028	802	878	908	1078	999	978	1078	1203	1013	1043	943	958	873	
938	1020	919	934	991	987	933	859	865	777	1106	1021	1038	846	901	1041	554	845	
662	673	883	881	843	761	698	675	678	683	797	743	857	814	996	983	876	876	
575	625	601	652	656	816	669	719	737	768	775	947	679	815	960	782	1172	1137	
692	776	801	902	862	760	738	739	711	697	747	861	746	693	694	807	955	892	
1066	1052	1083	1223	1051	1069	1075	776	611	701	768	819	895	989	1273	1123	1106	1054	
1882	2109	1887	1228	1224	1205	1725	2232	1734	1490	1601	1475	1592	1337	1077	1221	1221	1216	45,004
977	787	852	785	854	789	791	730	695	765	766	629	629	876	820	821	745	707	22,757
779	706	804	604	559	645	605	587	683	589	615	666	677	814	810	820	795	811	22,387
660	541	794	759	652	648	534	592	650	897	845	913	695	675	826	706	749	750	22,407
446	481	501	645	727	771	743	620	578	526	480	387	486	560	676	683	636	642	19,306
677	654	636	831	653	735	752	747	721	735	808	684	613	721	873	617	663	757	21,963
930	1026	957	867	871	833	861	887	1021	1159	2056	2184	1636	1477	1421	1301	1279	1206	39,840
705	861	847	1228	892	739	717	506	667	848	924	939	893	812	826	923	836	837	26,128
801	922	782	798	811	718	737	805	695	613	638	617	582	417	429	418	411	413	22,306
688	709	684	697	692	717	679	629	449	549	644	654	604	654	709	657	710	611	18,784
914	1075	1325	1310	1220	1240	1225	1060	1250	1568	1445	1195	1020	1125	1165	1258	1358	1255	33,746
791	790	786	786	804	931	835	839	825	493	481	818	813	743	1066	1058	848	823	26,118
740	673	670	697	857	784	660	857	630	699	738	695	842	896	895	711	808	843	26,929

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1100	1010	1100	1180	1070	1100	1180	1210	1180
1896	1590	1350	1350	1070	1070	950	950	1070	1070	1070	1010	1070	1070	1010	1070	1070	1010	1010	1070
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	1140	1140	1070	1070	1070	1010	1010	1010	1070
1898			550				550			1060				1070	1070	1010	1010	980	950
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	1580	1580	1580	1340	1460	1460	1580	1580	1580
1900	1780	1790	1790	1790	1680	1520	1570	1570	1680	1570	1460	1460	1460	1460	1460	1460	1360	1460	1460
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	1200	1270	1270	1240	1350	2430	2120	1870	2180
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	1900	1800	1560	1350	1310	1270	1350	1440	1390
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	1110	945	865	1020	790	945	1110	1020	1020
1904																			
1905																			
1906	810	780	780	810	750	780	780	810	810	810	810	880	920	960	1010	1160	1240	1280	1330
1907								3540	3540	3420	3060	2950	2900	2840	2900	2900	2950	2900	2900
1908			1240	1240	1180	1100	1100	1070	1070	1040	1000	1000	930	930	965	1070	1040	1040	965
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	1440	1580	1960	1760	1760	2160	3400	2970	2610
1910																			
1911	2450	2340	1680	1600	1740	1640	1370	1300	1230	1325	1410	1325	1370	1230	1170	1140	1060	1230	1230
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550	1380	1340	1300	1260	1300	1460	1880	1780
1913																			
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220	1080	1080	1080	1080	950	1020	1220	1220
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990	930	930	820	730	820	930	1050	1110
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206	1182	1106	1066	1057	1074	1109	1111	1159
1917	684	684	690	690	880	880	783	793	783	695	695	948	857	857	857	765	800	972	923
1918	1225	1207	1040	1127	1229	1457	1429	1437	1380	1370	1355	1488	1493	1583	1534	1477	1432	1382	1486
1919	697	732	802	835	811	814	832	855	858	847	1062	1351	1356	1203	938	927	995	992	973
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021	976	1041	999	977	1017	1073	1130	1099
1921	1453	1262	1416	1230	1267	1178	1208	1199	1239	1270	1485	1215	1680	1980	2044	2933	2414	1311	1236
1922	973	788	788	787	872	794	952	1152	1383	1197	1110	1014	889	731	670	753	1023	1101	1280
1923	678	629	730	781	841	781	584	817	982	861	932	671	759	772	873	928	761	934	831
1924	838	983	1066	962	985	981	1008	2050	2445	1966	1336	1107	1307	1222	1178	1282	1356	1334	1266
1925	1023	1213	2195	2895	5775	5859	5169	3846	2972	2088	1758	1638	1637	1778	1775	1608	1381	1443	1443
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497	1354	1252	1056	1033	1017	1000	1031	1004
1927	1047	1164	1449	1826	1924	1999	1754	1564	1607	933	911	1060	1234	1243	1255	1150	1318	1204	1481
1928	1236	1297	1434	1464	1326	1591	1612	1577	1291	1447	1549	1388	1166	1475	1166	924	1188	1192	1442
1929	762	1172	1146	932	1112	1097	867	614	614	705	737	508	750	794	823	866	843	996	1049
1930	846	823	832	924	768	846	847	1094	1087	975	1055	971	969	881	1343	1488	1268	1405	1290
1931	752	761	761	765	792	855	850	782	466	772	836	837	688	630	862	890	887	974	925
1932	646	600	801	529	492	498	689	655	683	810	653	569	549	436	431	543	466	468	489
1933	697	770	755	638	584	708	677	692	593	585	655	788	781	713	770	940	702	768	777
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506	1465	1324	1322	1316	1384	1463	1465	1314
1935	828	868	945	933	970	1076	1156	1257	1038	744	924	917	918	928	883	753	781	922	934
1936	524	657	606	689	787	661	686	598	557	557	708	728	1003	835	1042	608	776	1012	716
1937	700	730	674	796	723	654	682	678	678	671	723	723	670	795	715	870	875	865	786
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1659	1412	1505	1707	1486	1459	1443	1199	1189	1128
1939	699	591	609	860	885	895	1003	785	775	764	793	1045	811	811	813	911	675	799	798
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439	1273	987	910	1329	1058	947	1047	953

FEBRUARY

CHART 2A
TOTAL

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	1180	1070	1100	1180	1210	1180	1220	1210	1210	1290	1350	1390	1430	1450	1450				
	1010	1070	1070	1010	1010	1070	1070	1070	1140	1140	1140	1210	1210	1280	1770	1870			
	1070	1070	1010	1010	980	950	890	830	890	890	890	830	770	770	830				
	1230		1750				1400					1400			1750				
	1340	1460	1460	1580	1580	1580	1580	1460	1460	1340	1220	1220	1340	1460	1460				
	1460	1460	1460	1360	1460	1460	1460	1680	2480	2330	2180	2040	2180	2040	2040				
	1240	1350	2430	2120	1870	2180	2180	2020	1820	1970	1870	2070	1970	4160	4380				
	1350	1310	1270	1350	1440	1390	1350	1270	1270	1270	2880	2460	2220	2110	1800				
	1020	790	945	1110	1020	1020	1020	1020	1110	1110	1110	1110	1020	1110	1110				
	960	1010	1160	1240	1280	1330	1310	1280	1310	1280	1200	1160	1160	1110	1300				
	2840	2900	2900	2950	2900	2900	2840	2900	2840	2900	3060	3180	3420	4060	4130				
	930	965	1070	1040	1040	965	1000	965	1000	1040	1140	1180	1210	1240	1320	1360			
	1760	1760	2160	3400	2970	2610	2550	2580	2060	2060	2160	2160	2110	2060	2110				
	1230	1170	1140	1060	1230	1230	1230	1140	1110	1170	1140	1170	1170	1140	1060				
	1300	1260	1300	1460	1880	1780	1550	1460	1420	1460	1380	1160	1160	1260	1230	1080			
	1080	1080	950	1020	1220	1220	1300	1530	2190	2300	2140	1980	1880	1700	1790				
	820	730	820	930	1050	1110	1110	1050	1050	1104	995	1070	1076	1036	1112				
	1066	1057	1074	1109	1111	1159	1158	1164	1183	1223	1224	1222	1212	1248	1228	1160			
	857	857	765	800	972	923	917	825	834	937	869	1096	1022	1156	1035				
	1583	1534	1477	1432	1382	1486	1417	1449	1345	1366	1431	1429	1418	1401	1401				
	1203	938	927	995	992	973	943	930	908	943	939	916	901	975	1087				
	999	977	1017	1073	1130	1099	1102	1160	1176	1147	1093	1050	971	938	936	927			
	1980	2044	2933	2414	1311	1236	1465	1500	2195	2204	2560	2090	1800	1985	2260				
	731	670	753	1023	1101	1280	1233	1115	865	715	850	869	951	1019	716				
	772	873	928	761	934	831	936	1022	1041	1067	1290	1263	1280	1183	1233				
	1222	1178	1282	1356	1334	1266	1142	1164	1145	1314	1018	1072	1120	1290	1121	1165			
	1778	1775	1608	1381	1443	1443	1558	1677	1938	1820	2302	2132	2024	1840	1906				
	1056	1033	1017	1000	1031	1004	1020	1020	1000	992	1063	1072	1020	1059	1032				
	1243	1255	1150	1318	1204	1481	1789	3015	4104	3488	2949	2719	2850	2576	2702				
	1475	1166	924	1188	1192	1442	1452	1593	1426	1407	1407	1410	1380	1364	1264	1273			39,677
	794	823	866	843	996	1049	1078	1044	931	754	1050	911	837	998	870				24,860
	881	1343	1488	1268	1405	1290	1163	1767	1455	1715	1487	1282	1275	1175	1171				32,194
	630	862	890	887	974	925	908	1005	832	856	706	805	788	835	829				22,649
	436	431	543	466	468	489	534	496	666	672	614	644	670	814	1052	1239			18,378
	713	770	940	702	768	777	769	763	769	900	767	746	744	752	765				20,568
	1322	1316	1384	1463	1465	1314	1192	1595	1550	1190	1479	1327	1398	1407	1550				39,474
	928	883	753	781	922	934	1062	1119	1101	1043	1039	1036	920	1006	1037				27,168
	835	1042	608	776	1012	716	896	843	1137	1170	1102	1087	947	857	942	947			23,678
	795	715	870	875	865	786	709	578	612	858	758	797	801	781	962				20,864
	1486	1459	1443	1199	1189	1128	1201	1437	1108	1207	1207	1102	1219	1366	1424				35,783
	811	813	911	675	799	798	909	762	883	891	968	998	1094	897	861				23,585
	910	1329	1058	947	1047	953	840	818	837	949	1051	1048	1246	2085	4011	4878			37,862

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1985	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	1640	1610	1550	1490	1410	1370	1350	1370	1390	131
1986	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	1280	1280	1350	1350	1350	1350	1280	1350	1350	151
1987	890	890	1010	1070	1070	1010	1070	1140	1070	1010	1010	890	770	890	890	890	1090	1070	1010	95
1988	1750	1920	1920	1920	2250	2430	2430	2260	2260	2430	2770	2600	2430	1920	2090	1920	1750	1750	1750	175
1989	1580	1580	1580	1580	1460	1460	1460	1460	1340	1340	1340	1400	1400	1340	1340	1340	1340	1580	1940	206
1990	1910	2040	2040	2100	2040	2330	2720	2980	3910	4230	4810	5990	5990	5860	5860	6120	6120	6390	6390	612
1991	3930	4600	4270	3930	3060	2880	3260	3260	2880	2720	2640	2430	2100	2180	2180	2180	2570	2570	2570	272
1992	1700	1610	1520	1480	1440	1440	1440	1440	1440	1410	1420	1390	1390	1350	1350	1350	1350	1350	1350	135
1993	1110	1150	1200	1200	1200	1110	1090	1020	1020	1110	1200	1200	1380	1470	1570	1570	1570	1570	1620	168
1994	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	8320	4890	4480	4090	3900	3540	3720	3900	4890	468
1995																				
1996	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1430	1390	1350	1280	1160	880	750	810	880	1060
1997	3670	3060	3060	3000	2950	4580	4340	4480	4410	4200	4060	3930	3740	3480	3540	3670	3540	6220	10600	10800
1998	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1070	1210	1360	1560	2780	3950	3810	4940	4100	3270
1999	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2550	2610	2610	2850	3210	3780	4130	4130	3990	4130
1910	3360	5500	6700	6700	7170	6850	6550	6700	6700	6700	6850	7170	7490	8450	8770	9250	9890	10400	11800	15200
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	1495	1540	1540	1640	1895	2170	2555	2670	2980	3370
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	1230	1230	1230	1340	1380	1500	1460	1420	1380	1380
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	2140	2140	1840	1670	1500	1500	1500	1670	1670	1500
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	3220	3300	3520	3750	3830	4340	4730	5120	5530	5180
1915	1062	992	998	1060	1019	1009	1000	936	962	955	1093	1195	1186	1224	1206	1295	1379	1283	1540	1669
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	2600	3064	3552	3443	3345	3506	4057	4521	4902	5657
1917	1038	913	914	1006	1036	916	997	990	987	944	904	944	812	905	866	887	826	865	848	926
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	1700	1645	1744	1699	1758	2397	2209	2118	2637	2705
1919	1186	1278	1385	1290	1154	1178	1171	1163	1010	948	967	1069	1080	1063	1035	1123	1195	1138	1135	1200
1920	911	1059	1097	1107	1206	1059	1128	1022	1080	1171	1260	1257	1293	1490	1569	1470	1534	1444	1393	1342
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	3755	4010	4085	3895	4426	4168	4550	4450	5725	5346
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	889	917	990	725	485	777	1255	1822	2246	2395
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1083	962	1182	1242	1158	1014	1033	1057	1148	1122	1064
1924	1117	952	1202	1267	1155	1101	1113	1150	1093	1008	1106	1179	1044	1078	1016	974	969	958	964	964
1925	1718	1562	1671	1765	1930	2758	3451	3358	2995	2556	2114	2019	1995	1789	1790	1844	1983	1982	1988	2033
1926	1202	1300	1387	1487	1756	1725	1529	1619	1608	1688	1803	1666	1828	2490	2728	3083	3576	3135	2939	2805
1927	2525	2255	2511	2289	3068	3019	3376	3240	3108	3073	2642	2793	2492	3090	3901	3346	2755	3078	2766	2728
1928	1167	1286	1049	1415	1375	1375	1157	1674	1888	2664	3047	5304	4629	3924	3468	3168	3096	3370	3742	4360
1929	771	936	822	950	1060	1055	1219	1245	1350	1272	2102	1527	1838	1633	1582	1654	1720	1856	1860	1920
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045	1117	1113	1261	1479	1637	1565	1670	1653	1705
1931	678	658	830	917	838	866	863	725	836	964	906	1008	1288	1209	1220	1385	1416	1527	2571	2553
1932	1428	1349	1203	1001	797	936	968	772	612	587	523	425	1519	1339	1478	1533	1501	1836	4216	8578
1933	818	792	761	748	752	687	696	700	731	826	824	836	1117	1000	1002	1074	1221	1313	1257	1273
1934	1277	1437	1573	1798	1855	1797	1802	1685	1658	1644	1619	1710	1857	2141	2312	2658	2822	2573	2354	2330
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847	1094	1118	1364	1774	1797	1687	1588	1616	1413
1936	1060	1113	1325	1444	1573	1415	1504	1561	1549	1628	1656	1581	1767	1654	1434	1293	1444	1398	1468	1722
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089	1490	1505	1632	1906	2266	2159	2510	2013	1649
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239	2307	3039	3496	3291	3826	4726	4586	4644	4468
1939	860	775	908	1023	1004	1017	906	878	986	869	1097	1130	1378	1424	1283	1105	1621	1981	2445	3140
1940	4175	3300	2919	2488	2269	2210	1929	2065	2602	2525	2309	2061	1760	1737	1933	1711	1738	1859	2078	2107

MARCH

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
410	1370	1350	1370	1390	1390	1390	1390	1390	1430	1550	1740	2060	3000	3430	2860	2590	
1350	1350	1280	1350	1350	1590	2430	2970	3120	4100	4100	6490	8260	6810	6190	4100	3930	
890	890	1090	1070	1010	950	950	1010	1210	1510	1870	3120	3430	3120	2970	2690	2430	
2090	1920	1750	1750	1750	1750	1920	1750	1580	1400	1400	1400	1400	1400	1580	1750	1750	
1340	1340	1340	1580	1940	2060	2060	1820	1820	1940	3760	2130	2580	2780	2780	2780	2580	
5860	6120	6120	6390	6390	6120	6120	6120	6660	6660	6660	6920	6660	5330	5330	5060	5060	
2180	2180	2570	2570	2570	2720	2880	3930	3480	3060	3060	2640	2570	2430	2280	2180	2180	
1350	1350	1350	1350	1350	1350	1440	1440	1440	1440	1440	1440	1480	1440	1440	1440	1440	
1570	1570	1570	1570	1620	1680	1680	1900	2010	2400	3340	3520	4100	4750	5970	7900	8070	
3900	3540	3720	3900	4890	4680	4380	4000	3900	3540	3460	3210	3290	3050	4680	4680	4090	
			1930	1850	1660	1630	1630	1630	1640	1640	1940	2090	1860	1860	1820	1650	
1160	880	750	810	880	1060	1160	1240	1350	1490	2250	2840	3180	3180	3360	3480	4130	
3540	3670	3540	6220	10600	10800	11300	9990	8630	7910	7430	6740	6300	6070	5920	5770	5780	
2780	3950	3810	4940	4100	3270	3020	2840	2780	2900	3200	3020	2960	2720	2560	3020	2620	
3210	3780	4130	4130	3990	4130	3850	3850	4060	4130	4550	4840	3780	6280	6700	6450	6620	
8770	9250	9090	10400	11800	15200	15600	16600	16100	12100	10800	10200	9250	9090	8770	8450	8290	
1895	2170	2555	2670	2980	3370	3910	4200	4800	4800	4350	3880	3665	3500	3630	4500	4050	
1380	1500	1460	1420	1380	1380	1290	1300	1420	1600	1730	2030	2480	2970	3360	3230	3120	
1500	1500	1500	1670	1670	1500	1340	1420	1340	1340	1340	1200	1200	1480	1970	4040	4130	
3830	4340	4730	5120	5530	5180	5120	4780	4730	4670	4340	3880	3690	3260	3090	3040	3000	
1206	1295	1379	1283	1540	1669	1546	1951	2183	2500	2319	2190	1985	2080	2787	2612	2075	
3345	3506	4057	4521	4902	5657	6189	5434	4801	4156	3751	3522	3471	4128	4416	4389	4472	
866	887	826	865	848	926	1024	1016	1020	924	1048	1006	933	906	1208	1563	1698	
1758	2397	2209	2118	2637	2705	3355	3813	4013	4377	4720	5264	6243	6415	6414	6477	6335	
1035	1123	1195	1138	1135	1200	1488	1788	1819	2381	2738	3288	3278	3678	4099	4812	5241	
1569	1470	1534	1444	1393	1342	1443	1808	2109	2168	2108	1859	1852	1755	1579	1495	1559	
4426	4168	4550	4450	5725	5346	4581	5073	4960	4927	5093	4881	4413	4092	4221	4306	4633	
485	777	1255	1822	2246	2395	2310	2235	2681	4669	4453	3473	3156	2936	2782	2429	2972	
1014	1033	1057	1148	1122	1064	1290	1237	1219	1332	1419	1804	1610	1884	2721	3359	4330	
1016	974	969	958	964	964	1028	976	948	995	866	1058	900	997	919	914	764	
1790	1844	1983	1982	1988	2033	2661	3692	4305	5045	4980	4830	4920	4460	5690	6054	6250	
2728	3083	3576	3135	2939	2805	2769	2811	3040	3470	3393	2575	2525	2318	2074	2030	1863	
3901	3346	2755	3078	2766	2720	2486	2462	2777	2725	3174	3384	3152	3273	3732	4012	4810	
3468	3168	3096	3370	3742	4360	5013	6156	8715	8649	9920	8122	8359	8443	7252	6658	5978	136,423
1582	1654	1720	1856	1860	1920	2042	3083	2758	1681	1745	1575	1578	1820	1984	1976	2318	50,952
1479	1637	1565	1670	1653	1705	1900	2038	2073	2029	2094	2242	2972	2312	2505	2948	3073	51,808
1220	1385	1416	1527	2571	2553	2565	2865	2833	2400	1950	1856	1504	1700	1623	1351	1718	45,623
1478	1533	1501	1836	4216	8578	6327	3770	2934	2845	2955	2965	2460	2254	3060	2918	2724	67,913
1002	1074	1221	1313	1257	1273	1335	1141	1098	1081	1003	997	1099	1106	1640	1644	1665	32,237
2312	2658	2822	2573	2354	2330	2320	2466	2662	2685	2458	2445	2285	2760	5492	6110	5265	75,848
1774	1797	1687	1588	1616	1413	1528	1418	1397	1234	1286	1433	1364	1349	1349	1709	1926	41,575
1434	1293	1444	1398	1468	1722	2304	2481	2260	2057	1858	1681	1624	1668	1624	1491	1393	50,030
1906	2266	2159	2510	2013	1649	1577	1462	1428	1285	1321	1402	1473	1493	1600	1723	1755	44,935
3291	3826	4726	4586	4644	4468	3838	3471	3509	3385	3402	2310	3581	3347	3439	3194	2840	95,513
1283	1105	1621	1981	2445	3140	3413	3878	4466	4809	5842	6017	5680	5766	5652	5231	5563	82,147
1933	1711	1738	1859	2078	2107	2227	2467	2746	3117	3521	5356	9146	8989	6379	5321	5712	100,756

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	2470	2350	2460	2560	2330	2210	2120	2250	2520	2830	3020	3240	3510	3680	3850	4020	4200	4370	4510
1896	3760	2970	2830	2830	2970	2970	4100	4470	3760	4890	3930	3930	6810	11000	7150	6190	5910	4890	4470
1897	2560	2190	2080	2190	2080	2430	2430	2310	2970	3590	4890	6490	7880	8660	14300	19000	26200	27000	29500
1898	1580	1750	1750	1400	1230	1400	1750	1580	1580	2090	2260	2600	3800	5170	5510	6020	6360	6360	5510
1899	2780	2980	2980	3170	3760	3760	3760	4580	5580	7000	7600	8320	8140	7450	7300	10170	8500	8690	7000
1900	5060	6660	7450	6920	6660	7180	7720	7450	6650	6660	5860	6390	7180	6120	5600	6120	5860	6120	6120
1901	2070	2240	2430	2360	2300	2300	2300	2300	2360	2720	3460	4380	5050	5720	5500	5050	5280	5500	6170
1902	1390	1850	1930	2460	2460	2460	3365	4160	3030	2590	2590	2660	2660	2590	2730	3740	4160	5500	5950
1903	7110	6520	5710	5710	5220	5220	5220	4310	4530	7740	6810	5710	4980	5220	5340	5710	6240	6520	6660
1904	4090	4090	4480	5320	5770	6010	5770	5890	6760	10400	11500	13700	15500	18000	19700	17800	16400	15400	17200
1905	1650	1710	1750	1840	1970	2320	2810	2920	3050	2810	2570	2470	2570	2490	2490	2660	2820	2710	2980
1906	4550	3670	3240	3060	2900	3540	4340	5110	5250	5620	4830	4620	4760	4830	5470	6070	6300	6370	6440
1907	6520	6670	6970	7040	7270	7350	7510	8230	9030	11600	11600	13680	14600	15600	17000	16000	14500	13600	12300
1908	2190	2190	2290	2500	3140	2900	2780	2800	3140	5180	5580	6780	8670	7950	7770	8760	8040	7950	8850
1909	6650	7450	8200	7550	7100	6400	5900	5900	5680	6600	6550	6450	7150	8000	8450	9000	9150	9150	9050
1910	8290	8290	8930	8450	8450	8450	8610	8930	9890	10500	11500	12000	11800	11200	10500	10000	10000	10000	10200
1911	6150	6560	6550	6100	5750	5280	4970	4520	4790	5050	4750	4280	4120	3890	3780	3630	3750	4300	4430
1912	3230	3770	4740	5300	5280	4090	5060	6100	7200	8070	7870	7360	6560	5780	5600	5280	5240	5530	5350
1913	4640	4300	3840	3370	3730	4110	4050	3990	4230	4600	5280	5980	6980	7710	8310	7440	6900	7490	7910
1914	2690	2920	3260	4140	6260	7270	7360	7760	7840	8420	8500	8100	8510	8750	9650	11300	10100	9250	8870
1915	1975	2230	2616	2764	2684	2821	2763	2591	2640	2677	2799	2997	3574	3719	3501	3663	4073	4056	4108
1916	5108	5908	6338	6649	6947	6649	6611	7382	7735	8918	11761	11644	10351	10410	10620	10490	9840	9550	8500
1917	1538	1386	1557	1500	1522	2002	2515	3849	2374	3735	3881	4131	6451	4496	3948	3509	3093	2976	2850
1918	6402	6266	6621	5948	4910	4575	4018	4595	4356	4985	7036	7100	6877	6838	6577	6063	5537	5144	3862
1919	5805	6183	6303	7518	8333	7507	6650	5390	4657	4320	4467	4513	4483	4467	4267	4022	4083	4226	5155
1920	1549	1628	1531	1432	1533	1963	2111	2495	2798	3230	3602	3889	4069	4230	4214	4248	3943	3558	3452
1921	4960	5767	7327	8583	6136	7996	5956	5193	4763	4887	6514	5327	7017	8340	7536	6812	6002	6002	6172
1922	3260	2889	2775	4554	4485	4692	4458	6294	6242	5026	5028	3849	3758	3457	3506	3305	2840	2585	2630
1923	4206	4488	4476	4386	3861	3958	4326	3854	3633	3645	3874	5255	4705	4777	4548	4905	6311	6805	6347
1924	933	944	962	1132	962	1056	1305	1922	2506	2714	2762	2722	2699	3378	3415	2745	2250	2191	2015
1925	5595	5335	5480	5275	7895	7885	7895	7900	8830	10400	11355	13050	14200	12950	11335	11440	11755	12275	10665
1926	1991	1761	1894	1767	2133	2025	2316	2702	3180	3305	3319	3344	3483	4083	4321	4867	5381	5802	5848
1927	4481	5998	5446	4916	4032	4406	4917	5380	5689	5298	4742	4570	3980	4118	4603	4980	4956	5073	4648
1928	5034	5406	5252	4801	4587	4407	3948	3809	3590	3952	3737	4216	3607	3977	3797	4053	4198	4445	4659
1929	1871	1814	1951	2290	2609	2586	2202	2129	1930	1688	1726	1701	1558	1562	2046	2219	2582	3065	3471
1930	2581	3183	2934	3242	3610	4160	5125	5379	5540	5662	5685	5631	5525	5481	5290	4418	3885	3774	3343
1931	2199	3177	3354	2629	2470	2533	2709	3256	3115	3192	3072	3206	3540	3326	3143	2972	3083	3119	3354
1932	3195	3973	4861	5809	4783	4470	4032	4038	4045	4011	4576	5694	7652	8697	9076	8305	8060	6727	6413
1933	1590	1914	2492	3599	3806	3357	3080	2669	2455	1864	1512	1407	1486	1487	1809	2471	3328	3477	3258
1934	4654	4001	3629	3525	3291	2945	3039	3299	3634	3548	4155	4344	4924	5274	5156	4687	4476	3941	4048
1935	1763	1721	1651	1964	2515	2513	2285	3268	4057	4412	4198	4443	4871	5695	6446	8138	7767	6191	5524
1936	8390	1325	1255	1342	1284	1257	1301	1543	2409	3573	4529	6748	8620	10535	11125	13522	12154	15968	18600
1937	2008	2800	3385	2295	2160	1990	1839	1776	1642	1960	1960	1988	2287	4490	5662	7167	5220	4422	3785
1938	2807	2545	3270	2989	3119	3515	3893	4296	4548	4828	5365	5802	6888	6436	6674	7394	7848	8938	12800
1939	5941	6390	6610	6985	6927	6185	5572	5178	5441	4937	4823	4697	4700	4359	4117	3946	4252	4451	4701
1940	9288	8136	6835	5923	5711	5180	4692	4636	4581	4810	4623	4422	4762	5789	6689	6698	6023	5786	5661

APRIL

CHART 2C
TOTAL

5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
150	4020	4200	4370	4510	4680	4890	4470	4890	5980	5910	6810	6490	6840	6220	6490		
150	6190	5910	4890	4470	3930	3760	4890	5130	5130	5910	7150	5640	5380	5640	5130		
300	19000	26200	27000	29500													
510	6020	6360	6360	5510	5510	5680	5580	5680	5680	5850	6540	6540	6540	6360	6190		
300	10170	8500	8690	7000	6700	6700	7960	10910	13130	11280	11650	9060	7960	7300	6700		
600	6120	5860	6120	6120	6120	6120	6120	6120	6120	6120	5860	5860	5860	5860	6120		
500	5050	5280	5500	6170	6840	6840	7180	7740	8640	7850	8080	7290	7070	7520	8410		
730	3740	4160	5500	5950	6400	5500	5050	4600	4160	3840	3940	3940	3740	3550	3740		
1340	5710	6240	6520	6660	6810	7740	11500	11000	11500	12100	13300	12700	10500	8410	8070		
1700	17800	16400	15400	17200	18000	15400	12200	10100	9120	9120	11100	13600	11800	11100	10600		
2490	2660	2820	2710	2980	3380	3380	3320	3540	3540	3950	4410	4570	4070	3760	3590		
5470	6070	6300	6370	6440	6520	7430	8070	8550	7830	7430	6520	6300	6220	6520	6600		
7000	16000	14500	13600	12300	11300	11400	11400	12500	12500	12500	12100	11900	11500	11300	11300		
7770	8760	8040	7950	8850	9600	10100	10600	9900	8940	7940	7590	7140	6690	6510	6690		
8450	9000	9150	9150	9050	8750	8450	8000	8200	8350	8000	9400	10500	10200	9000	7460		
10500	10000	10000	10000	10200	10800	10500	10400	10300	10500	11000	11300	11500	11300	11000	10200		
3780	3630	3750	4300	4430	4410	4250	4280	4620	5330	6500	8200	8500	8300	7640	7300		
5600	5280	5240	5530	5350	5240	4970	4870	4800	4900	5780	5760	5740	6000	6440	8450		
8310	7440	6900	7490	7910	7520	8100	8670	7650	6790	6430	7140	7870	8290	7430	6730		
9650	11300	10100	9250	8870	8800	8900	9490	9590	9360	9300	7970	8070	7840	7630	6620		
3501	3663	4073	4056	4108	4130	4300	4090	3728	3387	3212	3296	3292	3357	3493	3743		
10620	10490	9840	9550	8500	7540	7470	7660	7490	9450	11390	13460	14960	14020	12050	10430		
3948	3509	3093	2976	2850	3091	3701	5092	5900	7547	8193	9086	9314	9990	7615	6699		
6577	6063	5537	5144	3862	4145	4422	4966	5569	5797	7647	7167	6552	6124	5937	5984		
4267	4022	4083	4226	5155	5903	6490	6946	7273	8021	9470	10433	10516	10355	10215	9956		
4214	4248	3943	3558	3452	3535	3694	3728	3664	3246	2931	2893	3152	3518	4078	4608		
7536	6812	6002	6002	6172	6725	7155	7138	7674	8104	7287	6587	5830	6050	6402	7250		
3506	3305	2840	2585	2630	3265	3935	5425	7240	8120	8815	8870	9270	9976	10412	9160		
4548	4905	6311	6805	6347	6092	5045	4455	3962	3528	2938	3222	3601	4610	5280	5760		
3415	2745	2250	2191	2015	2144	2124	2476	2907	3094	2821	2761	2548	2741	2873	3123		
11335	11440	11755	12275	10665	8930	7786	7050	6760	5857	5666	5365	5140	5220	5640	6000		
4321	4867	5381	5802	5848	6001	5863	5023	4796	4214	3991	4071	4313	4525	4919	5103		
4603	4980	4956	5073	4648	4734	4200	4305	4219	4865	6872	10092	13778	14531	14795	14870		
3797	4053	4198	4445	4659	4221	4380	4232	3978	4641	5988	6929	10105	11480	10460	9717	158,406	
2046	2219	2582	3065	2471	4107	4235	3966	3860	4207	4109	4013	4434	4832	5308	5506	89,547	
5290	4418	3885	3774	3343	3400	4141	4781	5185	6194	5909	5666	4546	4786	4674	3349	137,089	
3143	2972	3083	3119	3354	2833	3070	2981	2784	3070	2662	2521	2502	2601	2746	3367	88,586	
9076	8305	8060	6727	6413	6664	6338	5443	4868	4325	4181	4438	5337	5997	6088	6507	168,803	
1809	2471	3328	3477	3258	3663	4220	4186	4820	5649	6315	7220	8267	9084	9592	9602	119,671	
5156	4687	4476	3941	4048	3938	4144	4688	4838	5446	4520	4964	4277	3896	3826	3677	124,824	
6446	8138	7767	6191	5524	6063	7305	8311	7747	6145	5407	5092	5495	6314	6208	6221	149,729	
11125	13522	12154	15960	18600	18270	17980	17140	18345	19790	17200	15155	13250	11980	10965	10250	288,797	
5662	7167	5220	4422	3785	3810	4022	4497	3958	3501	3206	3345	4635	5338	4678	3803	103,679	
6674	7394	7848	8938	12800	14070	12825	12541	13191	13278	13122	14180	14188	13469	13329	15202	252,550	
4117	3946	4252	4451	4701	5133	5708	6149	6521	6366	6153	5456	5092	5044	5579	7046	164,459	
6689	6698	6023	5786	5661	6661	6781	6276	5848	5853	5685	5717	6531	6620	6097	5647	177,921	

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	6810	6190	7150	7510	6490	7880	7510	7150	6810	6190	5640	5640	5640	6490	6810	6810	6490	6190	6190
1896	5640	4890	5640	7880	7880	6490	6810	7151	6490	5910	6190	5910	5380	4890	4890	4890	4670	4490	4280
1897																			
1898	6190	6020	6020	5510	4650	4310	4480	4480	4480	4820	4820	4820	5510	5510	5680	5590	5590	5000	4820
1899	6120	5300	5060	4820	5300	5850	9060	9800	13500	19000	17200	14200	13500	12800	11300	10200	9800	9060	7600
1900	6390	6660	6920	7450	7450	8780	9300	10100	10400	11400	11960	11960	8510	8510	8780	8780	8510	8240	8510
1901	8860	10200	9640	10200	11100	10400	10200	9980	10300	10700	11200	11300	12000	12200	12200	12700	12700	12400	11500
1902	3740	3550	3190	3190	3190	3550	3940	6170	6840	6400	6400	6840	7740	7740	7070	7070	6840	5950	5500
1903	7740	7420	7420	8410	9150	10000	10000	10000	9560	9560	9560	9560	11000	12700	12700	11500	10000	10000	8870
1904	10100	10100	11500	12800	12200	12300	12200	11800	11800	12300	12300	12800	12800	13200	13600	13600	13600	13900	13900
1905	3350	3470	3590	3490	3260	3100	3080	3120	3510	3350	2980	2900	2710	2580	2610	2650	3300	4600	4740
1906	6820	6970	7430	8070	7430	7200	7040	7350	7510	8150	8310	8710	8710	8470	8390	7430	6440	5920	5700
1907	10800	10800	10800	10900	10900	10900	11300	11700	11900	12100	12500	12200	11100	10100	9700	10300	11100	12500	13400
1908	7410	8040	7590	8040	7590	8220	9220	9800	9030	8130	6870	6340	6170	5740	5580	5340	5100	4860	4660
1909	7460	7630	8900	10500	12400	11600	10800	10500	10200	10200	9000	8200	8000	7630	8200	8600	8400	8200	8600
1910	9250	8610	7650	7650	7170	6700	6850	7490	8450	10200	10000	8990	9890	9730	9250	8610	8130	8130	8130
1911	7120	7250	8020	8950	10500	10800	9830	9170	8830	7820	7650	7560	7880	7840	8980	10200	9650	10400	9380
1912	7460	6960	6500	6500	6500	8610	7650	8610	10200	11200	11700	11600	11400	11700	11900	12100	12700	12900	13700
1913	6070	5560	5050	4900	5200	7010	8770	10400	11500	12100	10600	10000	9490	8470	7920	7380	6980	7810	8500
1914	6420	7440	8370	9300	9440	7970	8100	8720	9330	9780	10200	10100	9920	9280	9440	9440	9600	9600	9280
1915	4026	3604	3305	3116	3020	2941	2888	2903	3069	3551	3871	4165	5107	5486	5334	5239	5033	5678	6227
1916	9870	10380	11260	13100	14670	15500	16550	14530	13280	11290	9740	8368	7362	6601	6220	6100	6260	7084	8419
1917	6439	5992	6708	5333	6606	6891	7786	9186	10671	10755	11090	12189	13773	15296	17848	17555	13816	10629	9104
1918	6404	6947	7554	8322	9307	10178	11352	10905	9536	8102	7368	7053	6522	6344	6834	6187	6405	5535	4700
1919	10210	10145	9533	8796	7968	7060	6307	5859	5806	5888	5897	5904	5743	5583	5640	5977	6460	6663	6713
1920	4861	5043	4909	4768	4652	4792	5152	5739	6612	7537	8093	8757	8847	8650	8600	8868	9245	9623	9375
1921	7261	7755	8759	9742	10600	11249	11120	12239	13496	13910	12702	13006	11835	13156	14742	17174	18739	18115	15158
1922	8640	8540	9646	9720	10743	12962	12916	12990	12080	9860	8642	8478	8107	9843	10561	11636	13057	15220	16450
1923	4940	4692	4062	4192	4641	6060	7289	7961	8434	9077	9186	8109	7270	6800	6536	6497	6502	7160	8271
1924	3457	3764	4485	4706	4688	4063	3378	3124	3235	3411	4042	4398	4866	5179	5011	5100	5142	5186	4675
1925	6882	7686	9083	10064	11062	11068	12270	12925	11784	10735	10790	10810	10635	10765	10945	11500	11900	12500	13500
1926	5503	5871	5214	4970	6116	7094	5564	4564	4196	3898	3368	3284	3119	2976	3106	3160	3417	3436	3625
1927	15725	14530	11952	10368	9499	8677	8294	8783	7954	7425	6951	8019	8591	10096	13172	16588	19289	20061	16261
1928	9135	10329	10057	9251	9512	10998	12685	15575	17606	20710	19273	18790	16751	14770	12847	11587	11522	12200	13145
1929	4913	4434	4491	4685	4542	4042	3583	3457	4030	4447	4426	4578	5389	6215	6318	6482	6431	6411	6696
1930	3765	3864	3970	5467	5180	5134	5104	4739	4383	4140	3757	3970	3495	3382	3772	4247	4169	4856	4552
1931	3609	4058	4391	4662	4620	4414	5082	5434	4546	4100	3851	3721	4151	4646	5265	5201	5228	4870	4208
1932	6135	7136	7732	7851	7794	7823	7929	7696	8252	8880	8748	10569	12444	13580	13569	12341	10987	11458	11607
1933	7346	6420	5583	5035	4948	4732	4513	4667	3593	3581	3498	3460	3372	3373	3814	4758	5068	5745	4621
1934	3647	3545	3342	3220	3233	3363	4191	4610	4774	4241	3763	3629	3467	3378	3209	3135	3173	3354	3348
1935	6680	5978	6859	5657	5686	6321	7003	7070	6537	6514	6833	6491	6011	5706	5358	5307	6201	6411	5944
1936	10227	9873	9967	10642	12065	11988	10497	9402	7753	9294	10046	11808	12951	13995	14946	14675	12418	10608	9822
1937	3906	4075	5213	6310	7190	7705	7409	6848	6518	6490	6350	5891	5731	5755	6329	6530	6276	6467	6706
1938	16732	19286	15909	12980	10968	9465	8459	7776	7517	7516	8239	8808	9209	10208	11343	11734	12691	12971	12173
1939	8413	7872	8022	8056	8050	7733	6970	6422	5977	5674	5809	5719	5320	5334	5218	5272	5551	5486	5468
1940	5075	4824	5022	6141	6327	5574	5311	5100	5438	6117	7224	8852	9866	9587	9164	8237	7997	7395	7081

CHART 2 - D

MAY

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	6810	6810	6490	6190	6190	6490	6810	6190	5640	5390	5130	6490	7080	6810	5640	4890	4670	
	4890	4890	4670	4490	4280	4280	4100	4890	7150	11000	12500	14900	14900	19000	19700	23700	31200	
	5680	5590	5590	5000	4820	5000	5000	4910	4910	4910	4910	5000	5000	5080	6190	5680	5250	
	11300	10200	9800	9060	7600	7300	7300	8320	9060	9800	10900	9800	9060	10300	10500	11300	10900	
	8780	8780	8510	8240	8510	8240	7980	7720	7450	7450	7180	7180	6920	6920	6660	6660	6390	
	12200	12700	12700	12400	11500	9980	9330	8640	8000	7520	7740	8410	8640	9080	9080	8640	8190	
	7070	7070	6840	5950	5500	5160	4830	4720	4600	4480	4720	5500	6400	7520	8190	7960	7740	
	12700	11500	10000	10000	8870	7110	5710	5220	4980	4980	5220	5340	6240	6660	6810	7740	9150	
	13600	13600	13600	13900	13900	15000	16400	18000	18700	18000	16100	14800	12200	12200	12800	11500	11800	
	2610	2650	3300	4600	4740	4710	4670	4180	3990	3670	3360	3430	4700	4380	5360	5030	5120	
	8390	7430	6440	5920	5700	5700	5700	5540	5320	5540	5470	7040	6740	6520	6440	6070	5920	
	9700	10300	11100	12500	13400	13300	12200	11700	10900	10700	9900	9600	9220	9120	9120	10700	11300	
	5580	5340	5100	4860	4860	4900	4400	4180	3960	3890	4320	4620	4400	4250	4100	4250	4180	
	8200	8600	8400	8200	8600	9300	9600	10200	10500	10200	10200	10400	12000	13100	11700	10200	10200	
	9250	8610	8130	8130	8130	7650	7330	7170	7650	9090	8930	7970	8130	7650	7330	7810	8290	
	8980	10200	9650	10800	9380	8830	8610	9830	9300	9640	9500	9100	8690	8260	7700	8750	9620	
	11900	12100	12700	12900	13700	14300	14500	12600	11800	10800	10500	13000	13500	12700	12500	12900	13100	
	7920	7380	6980	7810	8500	8370	8240	8610	9440	11100	12200	12400	12800	13300	12700	12200	11800	
	9440	9440	9600	9600	9280	9440	9600	9600	9920	9760	9600	8640	8160	7680	7490	7460	7750	
	5334	5239	5033	5678	6227	5729	5468	5074	5796	5022	4787	4461	4241	4198	4667	4521	4537	
	6220	6100	6260	7084	8419	8397	8717	8517	7777	7247	6828	6999	5930	5910	6140	6270	6560	
	17848	17555	13816	10629	9104	8562	8308	9284	9928	11175	10899	12114	11333	11495	11952	11586	11785	
	6834	6187	6405	5535	4700	4942	4969	4717	4632	4615	4825	5036	5266	5255	5317	4972	4676	
	5640	5977	6460	6663	6713	7383	8583	10072	11107	11444	11323	10110	9820	9536	10170	11580	11316	
	8600	8868	9245	9623	9375	9031	8581	8430	8460	8352	8041	7268	6578	6181	6337	6674	6809	
	14742	17174	18739	18115	15158	13165	12974	12930	12541	12865	13949	15565	16723	15918	15515	15115	14000	
	10561	11636	13057	15220	16450	16220	15936	13925	13375	13343	16833	18174	14975	11890	10432	10248	10795	
	6536	6497	6502	7160	8271	7573	7923	8121	7990	8895	10240	11950	10158	7778	6509	6268	5921	
	5011	5100	5142	5186	4675	4490	4074	4020	3888	3711	3338	3312	3040	2876	2505	2306	2130	
	10945	11500	11900	12500	13500	14350	14350	13870	12690	11780	11090	10725	10000	10855	11600	11513	10516	
	3106	3160	3417	3436	3625	3665	4404	4192	3976	3964	3735	3313	3033	2768	3051	2762	3114	
	13172	16588	19289	20061	16261	14384	11536	9768	8909	7754	7128	7836	8923	9582	8753	8044	7795	
	12847	11587	11522	12200	13145	13409	12700	14513	14995	14810	15145	15957	15944	14976	13632	12294	10471	426,097
	6318	6482	6431	6411	6696	6424	7067	7767	8604	9196	9374	8661	6911	5882	5099	4639	4515	179,709
	3772	4247	4169	4856	4552	4844	4902	5365	5164	4767	4518	4524	4740	5434	6571	7559	7289	147,623
	5265	5201	5228	4870	4208	3632	3266	3062	2718	2828	3154	3577	3752	3550	3494	3274	3405	125,769
	13569	12341	10987	11458	11607	12051	12114	12710	10953	8933	7079	6384	5838	5841	5783	5880	5991	282,088
	3814	4758	5068	5745	4621	4861	4866	5561	5879	6017	6201	6925	8055	8577	7771	8254	9359	170,805
	3209	3135	3173	3354	3348	3178	3048	2961	2783	2987	2913	2832	2553	2605	2394	2372	2334	114,808
	5358	5307	6201	6411	5944	5963	6039	6926	7983	9299	9501	9016	8784	8402	8204	8005	8375	214,264
	14946	14675	12418	10608	9822	9807	8582	7622	6831	6225	6750	7498	8365	9154	9524	9492	9120	312,953
	6329	6530	6276	6467	6706	6535	6045	5598	5827	6462	6898	6658	6286	6269	6315	5787	5017	190,596
	11343	11734	12691	12971	12173	10396	9033	8327	8402	9447	11025	11983	14127	16428	15847	14345	12313	355,657
	5218	5272	5551	5486	5468	5275	4987	4246	4715	3868	3410	3487	3205	3479	3664	4124	4620	170,918
	9164	8237	7997	7395	7081	7261	7275	7288	7106	7107	7859	7933	7868	7286	6819	6630	6476	217,240

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	4470	4100	3930	3930	4100	3930	4100	3930	3760	3590	3430	3430	3760	3590	3760	3590	3430	3120	2970
1896	27000	27000	32100	29500	27000	24500	24500	25300	23700	25300	22900	22900	29500	35500	32100	32100	32100	31200	30400
1897																			
1898	4910	4820	4820	4480	4310	4480	4140	3970	4140	4650	4910	5170	5510	5680	6020	6020	6020	5850	5850
1899	10200	10500	12800	13900	13900	11300	10500	10500	9800	10200	11600	13900	10200	11300	10500	11300	13900	16100	17200
1900	6120	6120	6660	6920	7180	7850	7480	6920	6920	6120	5330	4940	4940	4040	4310	5730	4310	4230	4230
1901	7740	7740	7740	7070	6400	5720	5500	5050	4830	4600	4380	4270	3930	3710	3710	3930	4380	4600	4830
1902	7070	6170	5500	5280	5160	5050	5160	5840	6730	7520	7290	6840	6510	5950	5280	4380	4160	3940	3940
1903	13390	16800	16200	14400	13300	12700	13300	13800	14400	14400	13800	12700	11500	10500	10000	10500	10000	10000	7740
1904	11800	11800	10400	9440	9440	10100	9770	9770	9600	9440	9440	8800	8180	8480	8800	10100	10300	10400	10100
1905	6070	6260	5890	5380	5180	4940	4860	5360	5360	5010	5010	4920	5090	4930	4460	4000	3090	3650	3110
1906	5700	5470	5620	6070	6140	6440	5700	5700	5470	5540	5920	7430	7990	6900	6740	6600	6600	6000	5620
1907	11700	12200	12200	11900	11100	10900	11300	10700	10300	10000	9700	9320	9320	8350	8130	7410	6340	5740	5830
1908	4030	3820	3960	4260	4030	3890	3960	4400	4780	5500	6260	7770	8670	8310	4550	5180	8490	7770	6870
1909	11600	13900	15400	15900	16000	16000	14600	13000	11800	10800	9400	8230	8230	8230	11800	13000	12800	12800	12000
1910	9090	9250	8290	6850	6700	6850	6250	5950	5200	5050	5650	5950	5500	5350	5350	5200	5050	4900	4190
1911	10500	11500	12400	13400	13400	12800	13300	13800	13500	12400	12500	14100	15100	14700	15100	15000	14400	13500	14000
1912	13200	13300	13700	13600	14000	14400	14800	15300	15600	15100	13900	13300	14300	13800	12000	10500	9410	8770	8610
1913	11400	11000	10900	10500	9920	9680	9280	9360	9280	8720	8160	7600	7860	7120	6580	6060	5980	5600	5530
1914	8020	8150	8750	8400	7550	6430	5800	5620	4820	4510	4200	4160	4280	4280	4140	4720	5020	5320	5620
1915	5048	5114	4524	4067	3842	3890	3822	3999	4124	3945	3630	3428	3149	2848	2699	2666	2802	2798	2820
1916	6620	6470	6960	8179	9468	10060	10178	10582	11262	11622	10902	10012	9570	10158	11058	12138	13142	14280	15480
1917	10945	10482	10360	9902	9270	8811	9153	9429	11049	12940	12928	10816	9286	7885	8621	10266	11395	13840	14535
1918	4749	5176	5636	6558	7437	8777	9016	10176	10760	11557	12061	11855	12282	12601	11324	9414	7893	7507	7440
1919	10255	7472	6089	5464	5206	5145	5188	5118	4899	4586	4265	3990	3755	3557	3436	3383	3392	3334	3276
1920	6487	5870	5308	4985	4893	5269	6030	6487	7077	7214	6868	6349	6153	6119	6316	6708	6845	6440	5909
1921	14670	14220	14340	14695	15550	15973	17037	17258	17540	16810	16617	17625	16612	15901	12645	11422	8661	7218	7047
1922	11577	12915	12786	13520	14444	15650	16463	14815	13022	12475	10466	10142	10280	11675	16005	12185	11735	11621	11721
1923	6042	5198	4530	4716	4888	5297	6345	7213	8065	8744	9037	10502	9524	7543	5722	7972	5150	4877	5162
1924	1935	6858	2012	2026	1969	1634	1948	1302	1610	1463	1260	1293	1160	1265	1103	1194	1061	1009	944
1925	8833	8046	7281	6584	5910	5445	4939	4668	4456	4555	4763	4657	4997	5108	5234	5415	5470	5210	6540
1926	2718	2626	2718	2576	2514	2497	2566	2340	2403	2135	2055	1939	1807	1670	1581	1482	1370	1343	1274
1927	6947	6653	6698	7545	8289	9452	12595	15620	17584	15675	14750	16150	16294	15869	15574	14581	13880	13861	12882
1928	8985	8113	7355	6921	6982	7153	6716	6596	6177	5303	5541	5158	4911	4695	4404	4352	4304	3931	3457
1929	4659	4708	4073	4456	4007	3865	4717	5046	5665	5839	5492	5379	5359	5535	5797	6342	7305	6862	4896
1930	6967	4563	4532	4368	4000	3929	4232	5477	6346	5983	6399	6649	6282	5115	4867	4237	4229	4592	4235
1931	3335	3636	3543	3254	2910	2647	2580	2501	2502	2161	2134	2028	1619	1750	1579	1506	1531	1507	1423
1932	5747	5425	5100	5332	6021	8061	7489	6279	5952	6154	6787	7157	8429	9633	9594	11250	10637	9668	8333
1933	11448	12048	12091	12508	11191	9955	10361	9261	9038	11474	11156	11117	11423	12035	12093	12214	11586	9977	8215
1934	2235	2292	2075	1917	1903	1614	1694	1788	1897	1628	1676	1635	1635	1578	1526	1430	1350	1263	1172
1935	8859	8727	8204	7712	7596	7983	8495	8603	8779	8648	7999	7437	7305	6893	6609	5901	5174	4585	4679
1936	9965	9828	8690	7783	7050	6627	7284	8334	7421	6245	5807	5408	5523	5579	5326	5307	4841	4555	4223
1937	4446	3857	3969	4140	4323	3737	3532	3159	3329	3796	3510	3291	2979	2708	2697	2762	2797	2776	2610
1938	12041	12283	13053	13791	13719	13699	13906	13723	13000	11393	9451	8936	9236	9148	8857	8741	8587	8585	7465
1939	4184	3820	3178	3153	2996	2798	2702	2364	2324	2327	2259	2226	2131	2218	2211	2269	2305	2220	2005
1940	6577	6623	6228	5771	5412	4936	4592	4410	4362	3753	3865	3782	4243	4395	4385	4048	3864	3613	3570

JUNE

CHART 2E
TOTAL

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0	3760	3890	3430	3120	2970	3120	3270	3590	4100	4100	4100	4100	3930	3930	3930	3760	
1	32100	32100	32100	31200	30400	27000	27000	22900	19000	15500	14300	14300	27000	11500	9520	9520	
2			5100	4330	3900	3900	3740	3900	4530	3740	3600	3600	3740	3600	3460	3460	
3	6020	6020	6020	5850	5850	5680	5680	5680	5680	5510	5170	4650	4650	3970	3800	3460	
4	10500	11300	13900	16100	17200	18700	15000	11300	10500	12000	12000	11300	10500	11300	12200	11300	
5	4310	5730	4310	4230	4230	4230	4460	4340	3910	3710	3520	3330	2980	2810	2480	2330	
6	3710	7930	4380	4800	4830	5280	5500	5280	4830	4380	3710	3760	2830	2720	2880	3060	
7	5280	4380	4180	3940	3940	3740	3550	3550	3740	3550	3190	3030	2730	2660	2660	2520	
800	10000	10500	10000	10000	7740	7110	6520	6240	6240	5460	5220	5220	5100	4980	4980	4530	
81	8800	17100	17300	10400	10100	8960	8480	8180	7580	6500	6010	5540	5540	5540	5770	5770	
90	4460	4000	3090	3650	3110	2930	3120	2990	2930	2880	2880	2770	2670	2560	2390	2240	
00	6740	6590	6800	4000	5620	5400	5320	5180	5040	4760	4760	4900	5040	5920	5040	4480	
50	8130	7410	6340	5740	5830	6170	7050	7770	7220	6510	6510	7770	7250	8670	9500	9220	
10	4550	5180	8090	7770	6870	5830	5660	4860	4400	4250	4180	5020	5830	5420	5100	5340	
30	11800	13000	12800	12800	13000	11600	9600	9200	8230	8040	7860	7500	7050	7680	7680	7680	
50	5350	5200	5050	4000	4190	4080	4080	3840	3490	3360	3300	3360	3360	3360	3230	3100	
700	15100	15000	14400	13500	14000	13900	13100	12500	12300	11200	9500	8750	8150	9160	8400	7970	
100	12000	10500	9410	8770	3610	3950	9600	9300	8990	9170	8710	8560	8260	7150	6400	6100	
120	6580	6860	5980	5680	5530	5160	4640	4500	4640	4640	4360	3940	3660	4080	3660	3400	
280	4140	4720	5020	5320	5620	5320	5020	4720	4140	3870	3730	3640	3540	3450	3360	3270	
448	2699	2686	2802	2798	2820	2743	2732	2609	2593	2578	2635	2581	2339	2045	1955	1920	
158	11058	12138	13142	14200	15450	13190	10262	8651	7470	7140	7652	8584	9314	9784	9420	7796	
885	8621	10268	11395	13840	14535	14566	13453	12962	11684	10581	10249	9269	9101	9485	9517	8933	
601	11324	9414	7893	7507	7440	7170	6675	6964	6615	6750	5485	4699	4072	3663	3394	3524	
857	3436	3383	3392	3334	3276	3154	3999	2937	2871	2719	2621	2430	2319	2249	2150	2078	
119	6316	6706	6846	6440	5909	5372	5213	5177	5181	5128	4799	4317	3859	3554	3342	3465	
901	13645	11422	8681	7218	7047	7591	7649	8270	8770	9205	9133	8310	6694	6629	7439	6826	
675	16005	12185	11735	11621	11721	11290	11142	10158	8827	7840	6940	6928	6536	6080	5557	5137	
7543	5722	7972	5150	4877	5162	5152	5247	6730	6028	5879	5423	4917	5132	5037	5765	6268	
265	1103	1194	1081	1009	944	990	989	984	976	971	925	979	913	848	844	872	
5108	5234	5415	5470	5210	6540	6391	7203	8280	8590	8012	7286	6638	6298	5927	5747	5902	
1670	1581	1482	1379	1342	1274	1426	1364	1350	1304	1192	1123	1049	1099	1040	1031	935	
5869	15574	14581	13680	12881	12082	13360	12600	12002	11701	11590	11419	11187	13198	9724	8546	7506	
1695	4404	4352	4304	3931	3457	3787	3733	3868	3825	3952	4065	4037	4027	3394	3358	3328	152,628
5535	5797	6342	7805	6062	4896	4273	3946	4095	4135	4073	3962	3936	4005	3839	3784	3699	142,948
5115	4867	4237	4229	4893	4233	3786	3575	3310	3101	2872	2987	2604	2442	2394	2359	2241	128,691
1750	1575	1506	1531	1507	1423	1323	1261	1205	1185	1133	1108	1016	899	722	687	742	55,431
1635	9584	11250	10637	9669	8333	8291	8169	7949	9119	9447	8649	8661	7123	7040	6545	6073	229,112
2035	12093	12214	11586	8977	8215	7127	6552	6375	5944	6374	5249	4887	4988	4345	4269	3797	269,099
1578	1528	1430	1350	1263	1172	1064	1047	1086	1023	959	875	839	930	1017	1037	969	43,120
6893	6609	5901	5121	4585	4679	4618	4706	4385	4288	4283	3743	3480	3281	3130	3051	3078	181,631
5579	5326	5307	4841	4555	4223	4012	3679	3637	3879	3179	3153	2967	2866	2489	2357	2111	159,642
2705	2697	2782	2797	2776	2610	2537	2601	2822	2965	2580	2294	2115	1911	1769	1838	1648	99,498
9148	8857	8741	8587	8588	7453	6657	6267	6787	6962	6537	6114	6286	6412	6067	5592	5774	279,080
2218	2211	2269	2305	2220	2005	1968	1876	1821	1683	1640	1637	1643	1546	1417	1398	1429	67,944
1395	4385	4048	3864	3613	3570	3328	3012	2827	2612	2354	2123	2041	1855	1717	1899	1432	113,629

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	3590	3430	3430	3430	3120	3120	3430	3430	3270	3270	3120	3120	3120	3120	3120	3120	2830	1870	1870
1896	9080	11500	12500	12500	11500	11000	10500	9980	9000	8660	8260	8260	7510	7150	6490	5910	4090	4470	4100
1897	3460	4080	3600	3260	3260	3070	2880	2810	2420	2290	2360	2350	2290	2290	2290	2160	2160	2290	2160
1898	3290	3120	2600	2600	2430	2600	2430	2430	2600	2600	2430	2600	2260	2260	2090	1920	1750	1660	1580
1899	11300	10200	10200	9800	8690	7960	7780	8320	7780	7600	7300	7000	6700	6120	5580	5060	4820	4580	4480
1900	2180	2040	1980	1910	1680	1620	1570	1460	1460	1520	1520	1520	1460	1410	1270	1270	1230	1190	1160
1901	2880	2880	2880	2880	2430	2300	2300	2300	2180	2180	2070	1970	1970	1870	1780	1780	1690	1640	1600
1902	2280	2400	2340	2660	2220	2110	2000	1900	1900	1950	1950	2000	2060	1950	1900	1850	1800	1700	1700
1903	4310	3900	3520	3080	2990	3020	2990	2830	2610	2400	2400	2260	2400	2330	2260	2400	2470	2400	2010
1904	5770	5540	5540	5540	4680	4680	4680	4680	4680	4090	3720	3370	3210	3050	2900	2670	2500	2500	2440
1905	2150	2150	2060	1970	1870	1790	1710	1630	1550	1470	1430	1350	1270	1210	1170	1140	1070	1030	1010
1906	4130	4270	4480	4550	4340	4200	4060	3860	3670	3420	3240	3180	2950	2780	2510	2350	2200	2060	1950
1907	8940	8670	8850	9220	8940	7770	6000	6260	6990	6870	6510	6260	6260	5420	5100	4700	4480	4250	4250
1908	5580	5660	5740	4400	5500	4940	4400	4400	4320	4100	3960	3560	3430	3690	3960	3070	2470	2420	2320
1909	7680	7500	7500	6780	6260	6010	5770	5470	5170	3910	3720	3650	3410	3170	3050	2930	2810	2590	2540
1910	2970	2780	2660	2600	2720	2360	2250	2140	2140	2030	1980	1880	1830	1780	1730	1680	1380	1550	1550
1911	7230	6360	6100	6300	6350	6240	6280	5720	4880	4370	3950	3820	3680	3540	3540	3480	3280	3150	2960
1912	5500	5050	4610	4050	3910	3770	3630	3490	3230	3100	2970	2970	2840	2840	2720	2600	2480	2480	2480
1913	3530	3400	3270	3400	3140	3140	3140	3020	2770	2650	2420	2200	2100	1990	1890	1800	1710	1710	1620
1914	3180	3030	2890	2760	3770	2960	2710	2470	2280	2200	2340	2160	1980	2010	1840	1780	1710	1620	1540
1915	1899	1843	1780	1767	1672	1872	1894	2065	1762	2001	1666	1582	1539	1570	1370	1162	1228	1197	1111
1916	7236	8410	8074	6851	6408	7015	7302	7394	7511	6736	6069	5816	5584	5211	4830	4471	4661	4001	3584
1917	8343	8083	7952	8089	7896	7188	7099	6683	6293	5838	5125	4666	4300	3940	3492	3222	3052	2971	2744
1918	3181	2916	2773	2605	2470	2176	2197	2210	2055	1968	1934	2086	1858	1735	1698	1819	1718	1480	1719
1919	1934	1869	1728	1626	1537	1460	1400	1411	1384	1334	1272	1218	1122	1094	1119	1087	1047	940	914
1920	3529	3574	3425	3139	2987	2825	2654	2470	2315	2167	2047	1998	1990	1889	1752	1589	1537	1431	1424
1921	5928	5285	4216	4406	3896	3750	3922	3772	3731	3650	3313	3645	2956	2907	2538	2670	2392	2293	2277
1922	4597	4132	4014	3657	3499	3258	3454	3009	2946	2656	2512	2506	2385	2241	2007	2334	1919	1936	1861
1923	6345	6011	5031	5109	4710	4275	4065	3834	3931	3472	3246	3702	3204	3249	3091	2602	2790	2609	2362
1924	789	695	686	684	675	629	650	615	615	563	554	590	587	580	561	540	523	522	531
1925	5650	4866	4388	4062	3889	3613	3299	2852	3004	2639	2536	2674	2361	2203	2092	2054	1884	1917	1803
1926	944	927	880	861	826	812	800	780	824	829	841	774	739	672	681	646	689	638	639
1927	7214	6826	6685	6340	5880	4949	5104	5014	4905	4723	4366	4377	4170	3847	3643	3553	3168	3209	2923
1928	2922	3023	2928	2683	2796	2729	2403	2319	2309	2102	2098	2084	1974	1920	1875	1856	1845	1733	1627
1929	3459	3250	2814	2599	2363	2282	2149	2042	1917	1860	1793	1686	1602	1480	1415	1354	1355	1252	1221
1930	2096	1895	1887	1913	1846	1799	1709	1599	1490	1414	1403	1429	1356	1335	1261	1219	1199	1139	1084
1931	730	780	726	704	655	637	634	635	632	631	646	645	618	603	595	598	576	555	552
1932	5403	5232	4606	3919	3729	3321	2775	2850	2956	2703	2467	2595	2242	2710	2887	2349	1977	2035	1902
1933	3548	2842	2789	2615	2584	2423	2312	2242	2093	2005	1803	1648	1548	1427	1415	1299	1253	1270	1209
1934	914	878	858	823	780	765	728	737	714	675	684	639	558	528	513	554	560	552	563
1935	2696	2493	2479	2280	2287	2144	2301	2041	1898	1746	1630	1669	1715	1652	1548	1480	1436	1378	1245
1936	2004	1849	1680	1686	1614	1638	1552	1528	1379	1493	1522	1550	1544	1481	1344	1263	1224	1216	1173
1937	1701	1497	1437	1252	1358	1258	1244	1240	1218	1200	1109	1039	964	897	849	863	855	923	858
1938	6644	5707	5906	5470	5398	5031	4585	4216	3980	3947	3606	3538	3017	3060	2911	2940	2934	2684	2491
1939	1347	1354	1301	1285	1388	1464	1389	1329	1264	1131	1072	1056	1033	973	946	909	869	854	831
1940	1470	1571	1481	1482	1526	1422	1394	1353	1196	1165	1149	1096	1062	1020	968	944	876	871	845

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15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
3120	3120	2830	1870	1870	1770	1680	1680	1510	1430	1350	1350	1350	1280	1350	1350	1280	
6490	5910	4890	4470	4100	3120	2560	1870	2560	3120	3120	2310	2080	1870	2310	2310	2190	
2290	2160	2160	2290	2160	1900	1840	1640	1980	1840	1770	1640	1640	1580	1510	1380	1440	
2090	1920	1750	1660	1580	1490	1400	1320	1230	1150	1060	978	892	892	892	978	892	
5580	5080	4820	4580	4480	4160	4160	3760	3560	2980	2980	2780	2580	2580	2390	2490	2390	
1270	1270	1230	1190	1160	1100	1080	1080	1050	1050	1120	1120	1050	1050	990	978	960	
1780	1780	1698	1640	1600	1600	1540	1510	1560	1600	1560	1510	1350	1200	1130	1080	1060	
1900	1850	1800	1700	1700	1610	1520	1350	1190	1190	1190	1126	2220	1120	1120	1120	1040	
2260	2400	2470	2400	2010	1950	2010	2130	2010	1900	1900	1780	1780	1570	1470	1380	1330	
2900	2670	2500	2500	2440	2380	2380	2380	2440	2260	2140	1920	1810	1810	1810	1700	1600	
1170	1140	1070	1030	1010	990	970	950	930	880	860	840	820	820	810	780	750	
2510	2350	2200	2060	1950	1780	1660	1590	1660	1740	1410	1370	1310	1300	1260	1240	1200	
5100	4700	4480	4250	4250	4320	4100	3950	3810	3600	3460	3270	3200	3340	3270	3020	2840	
3960	3070	2470	2420	2320	2170	2120	2030	2030	1850	1810	1690	1580	1540	1470	1440	1330	
3050	2930	2810	2590	2540	2370	2200	2150	2050	1970	1870	1820	1970	2080	1820	1680	1580	
1730	1680	1380	1550	1550	1420	1420	1420	1340	1300	1260	1230	1160	1160	1130	1100	1070	
3540	3480	3280	3150	2960	2710	2590	2420	2300	2190	2080	2020	1970	1860	1760	1720	1670	
2720	2600	2480	2480	2480	2250	2250	2030	2030	1830	1830	1640	1640	1550	1460	1830	1930	
1890	1800	1710	1710	1620	1710	1620	1620	1620	2310	3940	3800	3400	3140	2650	2420	2200	
1840	1780	1710	1620	1540	1550	1810	1630	1470	1470	1395	1320	1250	1250	1270	1210	1210	
1370	1162	1228	1197	1111	1102	1041	1007	960	929	892	871	870	845	831	813	849	
4830	4471	4661	4001	3584	3258	3110	2894	2704	2591	2465	2424	2274	2162	2050	1944	1869	
3492	3222	3052	2971	2744	2579	2380	2210	2055	2047	1881	1789	1743	1716	1640	1574	1514	
1698	1819	1718	1480	1719	1651	1566	1385	1272	1111	1283	1265	1192	1118	1054	1241	1327	
1119	1087	1047	940	914	863	888	835	770	762	747	746	729	747	741	743	753	
1752	1589	1537	1431	1424	1360	1333	1270	1243	1180	1119	2209	1116	1140	1042	1046	962	
2538	2670	2392	2293	2277	2086	1840	2042	1872	1694	1812	1677	1600	1436	1345	1309	1354	
2007	2334	1919	1936	1861	1838	1891	1776	1739	1662	1599	1575	1450	1421	1442	1370	1347	
3091	2602	2790	2609	2362	2191	2148	2125	1893	1950	2277	1986	1790	1772	1538	1484	1462	
561	540	523	522	531	544	544	544	544	544	544	520	500	470	450	430	425	
2092	2054	1884	1917	1803	1793	1619	1735	2095	1675	1532	1380	1410	1433	1233	1350	1258	
681	646	609	638	639	600	542	497	494	493	485	465	459	442	429	429	429	
3643	3553	3168	3209	2923	2887	2756	2365	2375	2078	2232	1979	2061	1834	1808	1930	1649	
1875	1856	1845	1733	1627	1567	1475	1455	1421	1390	1300	1244	1243	1236	1222	1223	1144	
1415	1354	1355	1252	1221	1092	1078	1060	981	987	949	923	875	845	846	811	804	49,144
1261	1219	1199	1139	1084	987	965	989	950	928	888	841	855	823	822	774	722	39,617
595	598	576	555	552	516	496	455	450	435	423	418	405	406	389	384	406	17,335
2887	2349	1977	2035	1902	2203	1820	1761	1717	1610	1507	1404	1412	1324	1328	1243	1152	77,109
1415	1299	1253	1270	1209	1113	1059	1017	1018	996	985	945	913	888	886	881	879	49,805
513	554	560	552	563	524	512	463	496	478	461	440	421	413	427	427	441	18,626
1548	1480	1436	1378	1245	1214	1149	1144	1103	1073	1021	993	1015	988	960	943	946	48,667
1344	1263	1224	1216	1173	1144	1092	1113	1103	1098	1100	1076	1068	1062	966	880	837	41,279
849	863	855	923	858	861	801	781	779	732	729	710	705	683	640	622	597	30,410
2911	2940	2934	2684	2491	2264	2223	2109	1931	1925	1773	1805	1736	1646	1725	1697	1484	100,383
946	909	869	854	831	793	772	770	771	795	778	690	669	648	670	659	630	30,440
968	944	876	871	845	836	826	812	772	786	752	792	729	731	757	790	760	32,234

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	1280	1210	1210	1210	1210	1140	1140	1140	1070	1070	1070	1070	1070	1070	1070	1010	1010	950	950
1896	2190	1870	2190	1770	1680	1680	1590	1590	1590	1510	1510	1350	1280	1210	1210	1210	1210	1070	1070
1897	1380	1380	1250	1320	1320	1320	1320	1250	1250	1180	1180	1180	1120	1120	1120	1060	990	990	925
1898	992	1060	892	892	892	892	892	892	892	892	892	806	806	806	721	721	550	550	721
1899	2390	2060	2060	2060	2060	2060	2200	2390	2390	2060	6940	1940	1760	1700	1700	1700	1700	1580	1520
1900	930	920	905	905	895	905	895	895	895	830	822	855	870	880	845	830	845	830	822
1901	1060	1060	1060	1050	1010	985	860	758	758	758	800	830	818	830	800	830	818	800	800
1902	1040	970	900	900	830	900	900	830	527	575	635	830	865	879	886	865	830	830	830
1903	1240	1200	1110	1070	1280	865	905	828	828	828	828	828	790	790	790	768	828	752	752
1904	1560	1500	1500	1500	1450	1600	1550	1660	1660	1160	1160	1120	1120	1120	1100	1070	1100	1070	1100
1905	820	760	760	760	760	760	760	675	650	650	650	650	650	625	625	625	625	625	625
1906	1160	1110	1180	1180	980	920	920	880	845	810	760	750	810	840	810	750	750	725	675
1907	2670	2500	2450	2340	2140	2040	1940	1900	1800	1760	1720	1640	1600	1520	1480	1440	1400	1360	1320
1908	1330	1400	1160	1330	1160	1190	1220	1160	1190	960	990	1050	930	960	1220	1050	1080	990	990
1909	1590	1500	1410	1320	1310	1270	1230	1190	1190	1190	1110	1070	1030	1000	960	930	950	920	920
1910	1070	1040	1020	990	990	990	965	965	940	940	915	890	890	890	890	890	890	890	870
1911	1580	1540	1540	1500	1460	1410	1340	1370	1340	1300	1260	1260	1200	1200	1160	1130	1130	1100	1100
1912	2360	2250	2030	2030	1830	1640	1550	1460	1460	1380	1300	1300	1300	1230	1230	1230	1160	1160	1160
1913	1990	1890	1800	1710	1710	1800	1710	1620	1620	1540	1460	1380	1380	1310	1310	1310	1230	1160	1160
1914	1210	1210	1140	1280	1210	1140	1140	1070	1000	1000	1000	1000	937	937	937	873	873	873	873
1915	939	897	840	791	762	748	747	729	707	693	679	679	651	640	636	640	618	577	582
1916	1807	1734	1667	1620	1568	1512	1463	1423	1391	1368	1322	1294	1264	1239	1207	1198	1251	1277	1390
1917	1464	1400	1363	1371	1302	1273	1238	1203	1150	1096	1066	1035	1008	997	971	969	1010	1093	1076
1918	994	1055	1032	1121	1073	846	851	901	893	958	916	830	814	895	875	964	1064	1021	981
1919	740	678	642	607	607	627	643	649	666	628	613	628	670	667	624	621	585	593	563
1920	924	882	831	767	713	702	782	740	765	693	693	643	621	578	553	571	579	595	558
1921	1388	1332	1387	1280	1111	1226	1195	1289	1231	1285	1267	1328	1109	1069	1074	996	975	998	928
1922	1349	1373	1328	1420	1572	1481	1330	1250	1070	1104	1129	1074	1003	980	989	926	961	943	987
1923	1490	1290	1417	1278	1177	1097	1273	1407	1117	985	1221	1182	1091	1055	854	1103	1030	898	829
1924	427	439	404	408	404	404	407	385	410	379	384	392	386	366	376	376	370	370	370
1925	1118	1146	1078	1167	1157	1061	1006	1093	1058	934	951	982	1177	1208	1278	1096	1073	974	1004
1926	481	457	434	443	419	429	435	439	477	505	511	509	516	509	496	479	465	460	528
1927	1622	1601	1515	1461	1422	1425	1364	1314	1238	1179	1180	1166	1197	1234	1336	1420	1381	1326	1278
1928	1106	1109	1099	1085	1061	1021	1042	1045	1057	982	885	796	793	773	784	782	768	740	744
1929	796	818	837	808	778	695	711	628	616	582	632	638	601	564	522	501	479	446	488
1930	686	654	648	669	687	681	717	682	707	714	819	925	922	929	893	904	802	771	745
1931	439	478	459	458	426	405	385	375	365	355	355	355	360	360	360	360	360	360	360
1932	1146	1124	1120	1061	1020	974	1006	968	943	891	918	905	898	835	846	827	778	769	719
1933	870	864	861	849	845	800	720	690	686	727	698	670	606	576	566	577	602	583	576
1934	442	448	456	435	434	420	409	359	335	325	315	352	367	385	393	380	380	372	356
1935	909	871	848	822	828	807	754	745	699	666	655	627	594	568	568	561	553	571	590
1936	812	826	853	844	800	758	712	682	645	644	669	758	811	855	910	878	768	706	630
1937	564	528	532	481	486	471	472	449	482	486	468	460	437	385	365	350	346	359	383
1938	1539	1425	1352	1359	1346	1361	1321	1259	1208	1165	1112	1122	1086	1056	1065	1086	1091	1065	1041
1939	643	635	613	582	580	516	515	507	481	511	479	493	499	502	493	466	416	380	394
1940	736	703	647	651	644	622	632	572	536	510	476	509	468	470	498	461	454	433	416

AUGUST

CHART 28
TOTAL

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1070	1010	1010	950	950	950	950	890	890	890	890	890	890	890	950	890	890	890	
1210	1210	1210	1070	1070	1010	1010	950	1010	1010	950	1010	950	1010	1010	1070	1210		
1120	1060	990	990	925	925	860	795	860	860	860	990	990	990	990	990	990	860	
721	721	550	550	721	721	721	721	550	550	550	550	550	550	550	550	636	550	
1700	1700	1700	1580	1520	1580	1700	1820	1820	1700	1580	1460	1400	1220	1220	1100	1100		
845	830	845	830	822	830	822	822	855	880	905	870	855	855	822	830	830		
800	830	818	800	800	818	830	830	800	800	740	770	740	788	770	800	770		
886	865	830	830	830	795	795	774	760	760	750	728	728	728	695	695	708		
790	768	820	752	752	715	715	715	715	715	752	790	865	905	828	790			
1100	1070	1100	1070	1100	1070	1160	1160	1160	840	840	750	682	682	682	930	930		
625	625	625	625	625	600	600	580	580	580	580	580	580	580	580	560	560		
810	750	750	725	675	700	700	750	845	920	880	780	780	725	780	780	750		
1480	1440	1400	1360	1320	1320	1280	1210	1280	1320	1400	1400	1400	1400	1320	1240	1210		
1220	1050	1080	990	990	960	990	990	1020	990	900	900	870	870	870	870	870		
0	960	930	950	920	920	950	850	820	790	790	820	760	730	705	780	910	850	
	890	890	890	890	870	850	830	850	830	830	830	830	850	830	850	830	850	
	1160	1130	1130	1100	1100	1100	1070	1070	1070	1070	1040	1040	1020	1020	1020	1020	993	
	1230	1230	1160	1160	1160	1160	1100	1040	1040	1040	1040	1040	1040	1040	990	990	990	
	1310	1310	1230	1160	1160	1160	1160	1020	1020	1020	1020	1020	1020	1020	1020	956	956	
7	937	873	873	873	873	873	873	812	812	806	800	794	788	782	776	776	776	
0	836	640	818	577	582	588	582	578	579	598	620	595	691	569	534	536	538	
0	1207	1198	1251	1277	1390	1287	1234	1187	1138	1081	1055	1024	1002	1000	983	1052	1016	
7	971	969	1010	1093	1076	1007	967	925	905	881	849	831	874	862	827	809	790	
5	875	964	1064	1021	981	893	820	700	809	925	848	850	807	817	870	930	784	
7	624	621	585	593	563	556	546	537	543	522	494	492	482	484	498	502	503	
8	553	571	579	595	558	526	480	504	553	624	620	592	604	632	657	670	639	
9	1074	996	975	998	928	802	906	762	879	619	748	831	780	747	551	687	683	
0	989	926	961	943	987	935	910	883	862	827	804	825	846	836	854	867	887	
5	854	1103	1030	898	829	1027	1612	1212	1070	1135	684	1051	892	884	815	779	821	
6	376	376	370	370	370	413	461	431	415	401	387	374	365	361	386	381	381	
8	1278	1096	1073	974	1004	1023	908	901	817	802	874	784	750	664	821	735	755	
9	496	479	465	460	528	642	674	644	570	514	503	498	494	483	459	470	488	
14	1336	1420	1381	1326	1278	1217	1165	1068	1055	980	965	908	918	903	855	844	856	
73	784	782	768	740	744	751	727	739	694	674	671	614	634	623	639	648	645	
54	522	501	479	446	488	503	506	532	517	511	496	486	515	524	538	556	587	18,411
29	893	904	882	771	745	733	730	700	597	567	546	517	498	519	536	566	564	21,628
60	360	360	360	360	360	360	360	360	349	349	347	345	340	353	353	347	340	11,578
35	846	827	778	769	719	683	621	626	656	700	718	687	675	675	719	784	814	26,106
76	566	577	682	583	576	539	517	490	523	540	553	545	585	625	636	605	617	20,141
85	393	380	380	372	356	357	356	343	342	350	350	350	357	350	350	360	383	11,311
68	568	561	553	571	590	579	581	571	543	508	486	483	478	494	515	520	517	19,511
55	910	878	768	786	630	590	593	593	595	604	605	603	605	592	572	547	576	21,616
85	365	350	346	359	383	375	358	350	333	336	337	344	375	425	408	426	427	12,998
56	1065	1086	1091	1065	1041	1011	1010	1046	1044	1048	1036	1039	1005	984	952	947	898	35,079
02	493	466	416	380	394	364	353	365	378	370	378	381	385	387	399	431	424	14,320
70	498	461	454	433	416	415	443	457	424	456	438	466	450	443	442	430	438	15,740

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	830	830	830	890	890	890	890	890	890	950	1070	1070	1070	1070	1140	1140	1070	1010	950
1896	1210	1210	1070	1010	950	950	950	890	890	890	950	950	890	950	950	950	890	890	830
1897	860	990	990	990	1120	1120	1120	990	990	1120	1120	1120	1250	1250	1120	1120	1120	990	990
1898	550	550	636	636	636	636	636	636	636	721	721	721	721	721	721	721	721	636	550
1899	1340	1340	1340	1340	1280	1220	1220	1220	1220	1220	1220	1100	1100	1100	1220	1280	1160	1100	1100
1900	810	810	802	810	930	990	905	855	855	870	905	822	822	810	930	810	822	830	870
1901	770	770	770	830	830	800	800	800	800	770	770	770	740	770	770	800	770	800	770
1902	728	728	695	695	665	665	653	635	635	665	695	665	635	665	695	665	635	665	695
1903	828	752	715	715	715	715	715	715	715	715	715	828	945	945	945	905	828	790	715
1904	840	622	622	622	622	622	280	280	280	280	840	840	840	890	840	840	840	750	795
1905	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	580	580
1906	750	750	780	725	700	700	675	675	675	675	675	675	675	780	810	750	725	700	675
1907	1210	1240	1240	1280	1210	1240	1180	1100	1070	1040	1070	1100	1070	1040	1040	1000	1000	965	1000
1908	870	840	810	810	782	810	840	990	930	870	900	930	900	870	840	930	990	1260	1120
1909	1020	1170	1250	750	1050	1170	1170	1090	1010	940	970	970	1000	910	870	840	840	840	840
1910	830	850	850	850	830	850	830	830	810	810	780	780	880	810	965	1100	1380	1230	1230
1911	993	969	969	969	993	1020	1070	1070	1070	1020	993	993	969	969	947	947	969	969	969
1912	1040	1100	1040	1230	1300	1160	1160	1160	1160	1100	1040	1160	1160	1160	1100	1100	1100	1160	1160
1913	956	892	956	956	892	892	892	892	956	1160	1020	956	892	892	830	830	830	892	892
1914	718	817	718	718	718	718	718	718	718	718	718	718	836	836	1030	1170	1100	1100	1030
1915	678	868	753	675	660	653	646	619	624	627	632	609	679	632	656	665	648	630	621
1916	976	944	940	969	962	944	933	916	929	1025	1006	988	957	925	917	905	880	855	843
1917	781	766	783	754	741	731	725	713	698	683	694	701	705	765	772	736	715	699	679
1918	752	718	858	725	659	520	623	619	655	878	1037	1044	856	912	900	1008	927	948	936
1919	502	493	503	511	511	500	504	524	542	546	523	495	470	464	491	523	581	736	797
1920	684	653	657	590	517	473	464	519	544	555	565	580	528	570	620	725	708	673	749
1921	756	718	733	730	774	842	721	686	726	680	693	632	748	867	847	767	717	751	839
1922	940	969	947	927	905	865	845	823	807	801	797	793	767	756	735	718	715	715	745
1923	832	859	770	817	766	797	714	631	716	685	679	628	753	645	701	697	652	598	640
1924	386	381	381	390	377	395	390	391	385	394	385	380	386	382	388	388	384	387	402
1925	743	736	669	658	544	686	825	1055	958	903	805	796	916	768	832	856	833	770	731
1926	518	524	515	497	491	475	476	466	469	463	456	449	451	460	461	460	526	521	483
1927	885	890	867	878	889	835	813	753	783	817	880	971	1010	1045	1046	1015	1046	976	919
1928	672	642	652	626	593	621	615	626	639	657	676	691	761	799	816	815	775	726	690
1929	594	584	554	520	519	524	526	526	541	587	566	557	545	506	481	477	477	477	477
1930	551	549	533	533	500	500	500	500	541	537	549	622	679	707	730	662	595	578	549
1931	342	342	342	332	331	333	322	322	335	340	365	365	378	380	384	380	376	371	379
1932	828	840	815	803	777	719	683	673	655	688	668	723	760	760	767	685	711	657	625
1933	675	672	630	580	570	565	584	569	578	557	589	574	553	547	517	555	570	588	589
1934	424	442	427	400	374	363	370	376	383	380	377	399	405	398	436	444	467	377	378
1935	498	482	456	482	513	543	559	524	519	515	505	496	485	484	476	485	495	503	497
1936	602	629	671	681	734	842	879	878	830	724	675	658	638	626	628	622	648	644	647
1937	447	468	450	830	431	411	445	468	436	417	420	391	402	402	410	405	420	428	417
1938	882	901	872	886	855	821	819	809	837	831	835	807	796	759	791	765	754	767	723
1939	433	435	437	436	447	456	462	470	477	476	482	476	511	647	627	597	626	620	582
1940	408	423	439	469	796	651	674	625	642	648	603	576	562	784	696	694	659	647	680

SEPTEMBER

CHART 2M
TOTAL

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1140	1070	1010	950	1010	950	950	950	950	1010	1010	950	950	950	950		
950	890	890	830	890	890	830	890	1010	1070	1040	1010	1010	950	890		
1120	1120	990	990	990	1120	1120	1120	1120	1120	860	860	860	860	860		
721	721	636	550	550	550	550	721	636	721	636	636	636	721	721		
1280	1160	1100	1100	1100	1100	1050	1050	1050	1050	986	986	986	986	986		
810	822	830	870	855	845	830	845	830	855	870	888	880	870	880		
800	770	800	770	770	830	860	920	990	990	976	976	890	890	860		
665	635	665	695	695	695	695	695	695	695	695	695	695	695	728		
905	828	790	715	715	715	752	730	715	715	715	715	828	828	828		
840	840	750	795	750	840	750	840	890	840	840	930	930	930	930		
560	560	580	580	580	580	580	580	580	600	600	625	625	650	650		
725	700	700	675	675	650	625	625	625	625	625	625	625	625	625		
1000	1000	965	1000	965	930	965	930	930	900	900	810	810	870	870		
930	990	1260	1120	1020	990	960	930	930	930	960	990	930	930	900		
840	840	840	840	840	780	790	850	850	880	850	850	920	1070	1230		
1100	1380	1230	1230	1100	1040	990	940	940	965	965	965	965	965	965		
947	969	969	969	993	993	993	993	993	993	993	993	993	993	1020		
1100	1100	1160	1160	1100	1040	1040	1040	1040	1040	1040	1040	1040	1040	990		
830	830	892	892	886	880	873	1000	867	861	918	855	849	842	836		
1170	1100	1100	1100	1030	1100	1030	963	963	963	898	898	898	898	898		
665	648	630	631	607	607	597	594	596	592	690	839	772	708	689		
905	880	855	843	843	836	831	821	814	814	814	820	808	809	819		
736	715	699	679	667	647	655	720	951	829	773	739	719	690	744		
1008	927	948	936	1527	817	791	822	834	894	911	889	841	825	835		
523	581	736	797	739	712	506	624	616	619	614	609	599	592	586		
725	708	673	749	638	630	630	648	733	801	851	841	824	815	824		
767	717	751	839	883	1037	1108	1031	901	933	942	834	855	885	856		
718	715	715	745	785	756	756	756	783	762	762	849	752	769	790		
697	652	598	640	638	645	638	652	670	581	691	875	925	843	735		
388	388	388	387	402	434	455	568	458	454	463	531	521	517	508	495	
856	833	770	731	768	877	874	747	823	771	833	744	811	766	662		
460	526	521	483	503	598	499	499	499	509	502	521	521	510	520		
1015	1046	976	919	864	886	866	869	895	877	962	946	1011	1084	1296		
815	775	726	690	692	690	681	689	684	684	684	684	684	684	684		
477	477	477	477	484	493	513	518	553	570	562	652	602	629	630	16,244	
662	595	578	549	543	526	512	521	563	617	640	643	627	626	627	17,368	
380	376	371	379	437	463	442	430	502	574	535	503	488	470	460	12,023	
685	711	657	625	625	619	648	647	645	651	640	634	660	644	630	20,873	
555	570	588	589	585	564	551	546	597	577	611	667	698	694	666	17,778	
444	467	377	378	376	374	378	384	445	482	469	484	493	500	490	12,483	
485	495	503	497	493	500	500	490	490	507	507	507	495	510	510	15,026	
622	648	644	647	645	634	662	713	720	721	649	610	615	606	617	20,468	
405	420	428	417	425	431	443	443	444	450	452	452	447	445	449	12,979	
765	754	767	723	726	706	711	707	715	684	686	687	687	710	733	23,262	
597	626	620	582	550	584	579	550	550	530	519	509	481	444	411	15,404	
694	659	647	680	820	851	725	749	713	648	656	579	616	669	791	19,493	

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	950	950	950	950	890	890	890	890	950	950	950	950	950	950	890	890	890	890	950
1896	890	950	830	830	890	830	950	890	830	830	890	830	830	830	890	830	830	890	890
1897	860	925	925	925	925	925	990	925	925	990	1060	1120	1120	1060	1060	1060	990	990	1060
1898	550	636	721	721	721	721	721	721	721	892	978	892	892	978	892	892	892	892	892
1899	986	986	986	986	986	986	986	1050	1050	1050	1050	1100	1100	1160	1160	1160	1220	1480	1880
1900	880	930	930	930	1050	1120	990	960	930	930	930	930	920	920	905	905	880	905	1020
1901	860	860	941	990	1020	1080	990	1020	990	890	890	890	890	890	890	878	860	860	860
1902	728	728	708	708	695	695	695	695	695	695	695	695	695	695	695	695	695	695	695
1903	865	905	905	945	1020	1200	1200	1110	1110	1020	1020	1110	1070	1070	1020	945	945	865	865
1904	930	885	750	682	750	840	930	930	975	1020	1020	1020	975	930	930	1120	1120	1120	1160
1905	650	650	625	625	625	600	600	650	650	675	675	675	675	700	700	730	760	730	700
1906	625	600	625	675	725	725	700	650	650	625	625	650	700	675	625	675	700	725	700
1907	900	900	900	900	900	900	900	900	930	965	900	870	965	1110	965	965	930	930	930
1908	870	870	870	900	900	900	870	870	840	840	840	840	840	870	900	2580	2030	1470	1330
1909	1070	1030	950	1030	1120	1120	1120	1120	1080	1030	1000	1000	970	930	930	950	950	950	990
1910	965	965	990	8340	1200	1100	1070	1040	1020	1020	990	990	990	990	990	990	1020	1130	1040
1911	990	1095	1140	1095	1060	1060	1095	1035	1010	1060	1265	1170	1170	1170	1170	1110	1095	1060	1060
1912	990	990	990	990	1070	1230	1160	1100	1130	1100	1070	1070	1070	1040	1040	1040	1040	1040	1040
1913	836	830	824	824	824	824	1080	1370	1300	1150	1080	1080	1150	1220	1080	1020	1080	1020	1020
1914	898	961	1170	1100	1030	1030	1030	1030	1030	1030	1100	1030	1030	1030	961	961	961	1170	1410
1915	635	663	665	710	697	686	677	672	664	672	682	666	695	702	708	700	691	696	687
1916	909	1009	980	954	949	925	988	1077	1003	984	1022	1038	987	964	941	933	934	941	940
1917	732	730	721	721	719	705	695	701	698	698	692	687	690	690	726	775	764	772	714
1918	867	891	909	893	817	576	1013	1346	1312	1179	1095	1049	1024	980	968	1009	1127	1245	1186
1919	611	838	973	1080	972	875	822	817	815	841	774	763	719	749	723	750	794	813	768
1920	820	823	803	786	746	730	766	839	886	933	1048	1180	1208	1203	1230	1215	1190	1079	1037
1921	865	872	890	879	858	937	961	861	878	975	1002	908	835	786	728	645	750	1022	934
1922	799	783	791	764	764	764	771	785	785	764	757	779	835	880	831	803	794	778	794
1923	841	762	732	738	1013	1078	1043	1393	1199	1087	1001	945	912	827	804	861	973	1019	1010
1924	483	476	521	657	576	550	540	533	541	538	610	621	596	584	590	586	549	596	565
1925	970	833	752	731	866	899	1252	1035	998	927	808	1069	1220	1147	1030	1179	1076	920	990
1926	553	544	538	549	529	530	525	528	528	538	528	556	540	523	560	571	569	591	524
1927	1309	1312	1227	1273	1299	1085	824	1444	1150	1014	1100	1048	941	927	1071	923	925	953	874
1928	642	667	663	636	845	925	824	771	814	808	811	811	860	850	840	846	840	819	771
1929	580	607	590	562	563	510	620	581	630	598	608	598	697	688	798	669	662	720	663
1930	861	1023	1048	991	790	869	985	900	1655	1374	1028	1058	826	877	806	785	748	654	693
1931	486	460	448	441	426	442	466	485	417	451	465	486	444	446	437	456	506	501	478
1932	627	630	630	630	630	630	630	746	749	752	741	734	715	703	714	586	695	907	892
1933	628	619	598	587	572	637	626	610	592	910	953	787	729	599	761	833	592	591	587
1934	493	475	457	455	451	464	471	507	536	557	556	515	451	378	539	550	556	554	560
1935	518	518	491	516	493	498	498	515	496	517	516	532	535	541	534	474	521	577	581
1936	620	626	602	578	580	608	592	617	605	627	573	556	746	641	585	654	631	638	638
1937	466	480	470	497	471	483	434	540	485	524	516	509	494	491	491	520	885	1130	924
1938	808	931	997	1136	1012	891	935	960	946	899	952	865	979	924	906	1155	1261	1207	1142
1939	417	470	543	614	658	670	712	757	769	697	658	661	663	618	602	628	622	614	602
1940	773	929	1193	1252	1182	1023	883	878	827	830	738	791	764	720	783	667	728	730	682

OCTOBER

CHART 21
TOTAL

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
950	890	890	890	890	950	950	890	890	890	950	950	950	890	890	890	890	920	
830	890	830	830	890	890	830	830	890	890	890	830	830	950	950	950	830	1010	
1060	1060	1060	990	990	1060	925	990	990	990	1120	1250	1250	1120	1060	1060	1060	1060	
978	892	892	892	892	892	892	892	892	978	978	892	892	978	978	978	978	978	
1160	1160	1160	1220	1480	1880	2060	2390	2060	1940	1820	1580	1460	1460	1460	1460	1460	1340	
920	905	905	880	905	1020	1020	1360	1190	1410	1230	1120	1120	1120	1070	1080	1050	1050	
890	890	878	860	860	860	860	860	878	860	860	860	860	860	955	990	920	920	
695	695	695	695	695	695	695	695	728	760	830	900	900	865	830	795	760	760	
1070	1020	945	945	865	865	865	865	865	865	865	842	790	790	828	842	842	828	
930	930	1120	1120	1120	1160	1020	1020	948	930	930	930	930	975	930	930	930	930	
700	700	730	760	730	700	675	700	730	730	760	790	760	730	730	730	730	730	
675	625	675	700	725	700	700	700	700	700	700	700	700	700	725	725	725	725	
1110	965	965	930	930	930	930	930	930	930	930	900	900	900	965	965	965	1040	
900	2580	2030	1470	1330	1220	1260	1400	990	1120	1180	1080	1080	1080	1080	1080	1080	1080	
930	930	950	950	950	990	1100	1070	1030	990	990	990	990	950	990	1030	990	1110	
990	990	990	1020	1130	1040	1020	1020	990	990	990	965	965	965	940	940	940	940	
1170	1170	1110	1095	1060	1060	1060	1035	1035	1035	1035	1060	1060	1060	1035	1010	990	1010	
1040	1040	1040	1040	1040	1040	1040	1040	990	1070	1100	1040	1040	1100	1300	1265	1195	1100	
1220	1080	1020	1080	1020	1020	1020	1080	1080	1020	1020	1020	1020	1020	1020	950	950	950	
1030	961	961	961	1170	1410	1330	1410	1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	
702	708	700	691	696	687	679	683	680	668	681	690	707	708	695	693	700	653	
964	941	933	934	941	940	919	926	922	902	898	934	936	936	939	922	921	920	
690	726	775	764	772	714	779	791	760	778	774	789	800	805	785	789	643	878	
980	968	1009	1127	1245	1186	1102	1088	1153	1015	984	985	969	930	1017	1098	1169	1151	
749	723	750	784	813	768	727	742	727	725	718	750	717	694	653	661	678	705	
1203	1230	1215	1190	1079	1037	1088	1038	1035	990	980	956	925	928	933	935	800	795	
786	728	645	750	1022	934	972	921	908	912	821	904	869	958	1057	923	993	922	
880	831	803	794	773	794	796	796	800	1155	1017	984	1063	992	906	1058	719	793	
827	804	861	973	1019	1010	943	973	973	1402	1287	1064	1033	1005	968	977	908	925	
584	590	586	549	596	565	603	563	557	561	540	550	538	544	683	1314	1303	1141	
1147	1030	1179	1076	928	990	943	861	919	835	838	827	900	865	798	833	977	894	
523	560	571	569	591	524	562	592	570	571	523	587	570	565	664	691	610	612	
927	1071	923	925	953	874	1077	708	864	1036	1104	1009	1098	1381	1543	1445	1157	1386	
850	840	846	840	819	771	800	674	943	800	779	713	760	794	780	870	900	1012	24,926
688	798	669	662	720	663	670	645	644	631	631	631	631	635	637	689	643	650	19,678
877	806	785	748	654	693	638	688	734	917	771	803	842	815	729	821	746	781	27,256
446	437	456	506	501	478	488	518	508	573	639	639	637	654	602	556	596	591	15,712
703	714	686	695	907	892	698	879	627	705	1101	761	682	752	760	723	881	585	19,571
599	761	833	592	591	587	597	609	595	610	616	598	591	580	592	603	650	1186	20,638
378	539	550	556	554	560	565	575	619	717	760	1020	997	877	757	720	697	699	18,528
541	534	474	521	577	581	554	556	481	636	574	585	671	621	548	575	571	565	16,808
641	585	654	631	638	638	656	618	728	640	633	716	696	702	757	672	656	696	19,886
491	491	520	885	1130	924	730	680	634	624	612	602	521	570	598	576	563	593	18,113
924	906	1155	1261	1207	1142	1082	1067	996	956	910	932	852	877	951	906	906	972	30,313
618	602	628	622	614	602	619	656	627	629	699	639	632	631	583	503	852	533	19,506
720	783	667	728	730	682	718	757	695	685	795	884	1025	973	944	941	889	993	26,584

YEAR	NOVEMBER																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	950	950	950	950	890	890	720	890	950	950	950	950	950	950	1010	1010	1010	950	950
1896																			
1897	1060			990				990											
1898	978	978	1060	1060	978	978	978	978	978	978	1060				990			1250	
1899	1340	1340	1220	1340	1340	1340	1340	1460	1400	1340	1520	1760	1820	1700	1580	1700	1640	1580	1060
1900	1120	1120	1120	1120	1120	1120	1050	1050	1050	1020	990	960	990	990	950	990	990	1050	1050
1901	920	920	920	890	920	920	890	890	890	890	890	848	890	848	890	890	860	860	860
1902	760	760	760	760	795	830	900	984	1000	1000	1040	1040	1000	970	900	930	900	970	970
1903								828											
1904																			1111
1905	730	700	700	675	675	650	650	675	700	675	675	675	675	675	675	675	675	675	675
1906	750	750	750	750	780	780	810	810	845	880	880	810	1060	2350	2620	5250	2110	1470	1200
1907	1040	1000	965	965	930	900	930	930	900	900	870	840	870	900	900	870	900	930	840
1908	1120	1120	1120	1080	990	990	990	1020	990	990	990	1020	1020	960	930	755	870	990	990
1909	1190	1360	1360	1360	1310	1270	1270	1110	1150	1230	1390	1230	1150	1190	1070	990	1070	1150	1570
1910	940	940	940	940	915	890	965	990	1160	1160	1230	1730	1600	1230	1160	1100	1100	1160	1160
1911	1010	1010	990	1010	1060	1085	1085	1110	1230	1170	1060	930	970	1170	1300	1495	1300	1395	1230
1912	1015	1015	1100	1130	1100	1160	1300	1265	1230	1265	1300	1230							
1913	950	1080	1150	1080	1080	2080	2190	1610	1530	1450	1530	1790	1530	1370	1300	1300	1300	1200	1220
1914	1170	1100	1100	1100	1100	1100	1030	1030	1030	961	961	961	1030	1030	961	780	830	890	791
1915	862	668	670	672	673	664	684	695	712	701	684	725	721	731	769	919	771	781	797
1916	922	918	916	906	899	913	901	873	883	905	854	733	622	824	1037	1057	1052	1052	1129
1917	932	773	924	867	795	896	786	786	792	780	786	774	822	822	792	804	807	1103	915
1918	1210	1166	1148	1056	1053	1032	1026	977	980	967	964	932	925	941	950	1005	1030	1037	994
1919	758	843	1035	1247	1430	1485	1424	1237	1054	964	931	906	838	821	763	806	889	969	985
1920	779	877	869	869	846	886	888	907	921	895	824	737	806	868	914	898	1063	1444	1837
1921	925	925	830	876	884	886	869	869	920	898	803	874	795	871	877	933	777	723	796
1922	865	924	830	794	764	734	769	869	1000	914	962	944	823	876	598	776	807	1013	1070
1923	904	890	933	837	903	899	876	855	866	884	895	827	851	838	856	828	821	835	809
1924	1017	1180	937	902	1000	987	806	839	619	775	912	875	775	659	709	765	652	629	568
1925	767	777	952	829	684	776	671	797	826	829	1072	920	949	854	761	1838	931	897	852
1926	525	552	556	523	568	528	681	709	709	595	695	907	1016	891	771	838	969	851	852
1927	1131	1031	1132	1021	1235	1083	1309	1533	1649	4067	4329	3186	2620	2243	1723	2211	2746	2905	2331
1928	1003	866	994	887	899	955	961	795	904	875	900	776	762	811	909	814	703	852	611
1929	653	650	650	577	678	581	655	555	616	561	561	752	613	529	535	601	567	874	686
1930	700	819	650	822	667	747	753	695	716	801	860	797	709	961	693	681	769	777	784
1931	515	518	522	526	476	516	526	648	891	646	582	409	444	471	558	616	614	536	506
1932	678	646	3322	826	764	884	1017	937	959	1148	949	778	853	897	822	794	908	937	1050
1933	1213	993	848	848	729	828	807	803	748	777	780	751	737	733	757	745	706	764	913
1934	753	761	823	728	687	860	1028	987	1062	872	847	781	717	775	680	673	693	770	954
1935	480	607	650	606	573	589	648	652	665	696	607	618	725	604	602	654	657	750	755
1936	731	650	599	488	696	770	730	680	575	620	546	664	637	605	608	587	736	742	642
1937	582	596	653	629	649	555	541	556	639	664	659	655	661	729	818	777	754	851	613
1938	1001	1201	1065	1606	2113	1509	1129	1117	1264	1276	1188	890	851	1318	1111	1031	1349	1343	1099
1939	763	706	660	733	754	711	630	657	663	689	562	647	624	714	665	612	658	525	580
1940	1063	1136	1416	1253	1222	961	1092	1268	1206	1124	1056	952	930	633	780	963	924	1012	1083

NOVEMBER

CHART 2J
TOTAL

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
50	1010	1010	1010	950	950	950	950	890	770	770	770	890	950	770	950	1010	
	990			1250				1120			1250				990		
21	721	721	892	1150	1060	1150	1060	1060	892	892	892	892	892	892	892	978	
100	1580	1700	1640	1580	1580	1580	1460	1460	1460	1340	1340	1340	1340	1460	1820	2060	
190	950	990	990	1050	1050	960	930	960	990	1050	1050	1080	1120	990	930	990	
348	890	890	860	860	860	860	860	920	990	1200	1050	990	1060	990	1020	1120	
970	900	830	900	970	970	900	865	830	865	900	935	970	1040	900	900	935	
						1110			2130		1680						
675	675	675	675	675	675	675	675	700	700	700	700	700	700	700	675	675	
1350	2520	5250	2110	1470	1200	1160	1240	1240	1060	960	960	920	920	920	845	810	
900	900	870	900	930	840	870	965	900	930	965	1040	1070	1040	930	930	965	
960	930	755	870	990	990	1050	1120	1190	1080	1080	1020	930	870	755	650	960	
1190	1070	990	1070	1150	1570	3850	4190	5400	15200	13000	9450	7370	5800	4700	4050	3850	
1230	1160	1100	1100	1160	1160	1130	1340	1600	1830	1730	1640	1380	1100	1230	1300	1300	
1170	1300	1495	1300	1495	1230	1265	1265	1230	1035	970	930	1230	1085	930	810	890	
1370	1300	1300	1300	1220	1220	1220	1220	1080	1080	1080	1150	1230	1300	1450	1300	1220	
1030	961	780	830	898	731	839	839	839	961	1030	961	961	898	961	1030	961	
731	769	919	771	781	797	818	869	859	867	866	830	790	788	683	767	957	
824	1037	1057	1052	1052	1129	969	869	858	863	857	827	870	890	895	867	849	
822	792	804	807	1103	915	671	675	742	864	856	860	962	780	785	837	675	
941	950	1005	1030	1037	994	960	977	956	909	802	740	652	698	677	750	775	
821	783	806	889	969	985	1007	1002	990	928	882	841	818	711	548	528	564	
868	914	898	1063	1444	1837	2402	2470	2246	1900	1627	1478	1364	1650	1568	1511	1385	
871	877	933	777	723	786	910	1619	5726	3063	2350	1690	1564	1601	1236	1514	1494	
876	598	776	807	1013	1070	1066	826	756	812	411	818	620	659	717	681	745	
838	856	828	821	835	809	782	759	893	821	890	1177	1130	968	801	762	992	
659	709	765	652	629	568	812	1458	1391	1485	1229	1082	913	841	684	719	711	
864	761	1838	931	897	852	775	755	757	823	805	971	939	1028	922	1016	915	
891	771	838	969	851	852	939	1970	1570	1370	1686	2075	2453	1941	1691	1692	2697	
2243	1723	2211	2746	2905	2331	2228	2999	3208	2745	2307	2235	2821	3364	3341	3448	3900	
811	909	814	793	852	611	622	831	889	881	838	874	831	880	831	796	572	25,202
529	535	601	567	874	686	661	665	665	665	665	665	672	810	700	698	688	19,248
961	693	681	769	777	784	653	683	742	697	790	876	828	729	860	742	708	22,709
471	558	616	614	536	506	465	398	357	310	268	344	643	725	675	538	586	15,612
897	822	794	908	937	1050	942	890	870	837	687	789	699	826	808	834	888	28,239
733	757	745	706	764	918	842	705	794	645	764	754	751	760	624	912	806	23,842
775	680	673	693	778	954	988	897	874	829	839	875	795	812	817	761	776	24,722
604	602	654	657	750	755	683	659	642	658	712	710	638	653	666	552	387	19,124
605	688	587	736	742	642	639	611	600	604	555	594	590	473	414	414	420	18,300
729	818	777	754	851	613	1044	1681	1649	1216	1007	1038	1067	972	961	882	816	24,914
1318	1111	1031	1349	1343	1099	1097	1107	847	751	825	881	877	908	983	927	1113	33,897
714	665	612	658	525	580	554	561	615	546	670	649	655	803	630	705	658	19,499
633	780	963	924	1012	1083	938	850	958	704	664	852	855	863	806	1000	1326	29,882

DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1895	950	950	770	720	720	950	950	950	950	890	1010	1010	1010	770	830	670	620	620	620
1896																			
1897																			
1898	1060	1060	1060	1060	1580	1920	2260	2770	2600	2600	2600	2600	2600	2430	2430	2770	2770	2770	2770
1899	2060	1700	1520	1230	1220	1220	1340	1340	1460	1580	1580	1460	1460	1460	1340	1340	1580	1580	1820
1900	1050	1050	990	1050	1050	1050	1050	1050	1050	990	990	930	930	990	1050	1050	1120	1050	1050
1901	1130	2180	2070	2070	1870	1600	1350	1240	1310	1200	1130	1060	920	830	1060	955	990	1020	1020
1902	970	970	1040	1080	970	970	970	970	1040	1270	1290	1190	1000	830	695	695	695	747	1040
1903			1200		1110			1020				865				850			945
1904																			
1905	675	675	675	650	560	560	520	480	480	450	450	480	520	600	675	940	940	940	880
1906																			
1907	930	840	810	870	930	965	1000	1100	965	900	1000	1000	1040	1000	900				
1908	990	930	990	1050	990	930	930	990	990	960	900	920	1020	810	650				
1909	3460	3200	2660	2540	2480	2370	2370	2370	2840	2480	2100	2150	2200	2050	1850	1800	1660	1660	1700
1910	1300	1300	1340	2140	1680	1460	1380	1340	1460	1380	1380	1460	1460	990	990	1020	1160	1100	1100
1911	1060	1035	990	1085	1110	1170	1140	1085	1110	1100	1085	1060	1085	970	990	1085	1085	950	870
1912																			
1913	1150	950	950	950	950	950	950	886	824	824	1020	1080	1080	1220	1080	950	824	1020	1080
1914	898	783	898	1100	1030	961	783	731	683	638	783	961	731	638	559	559	559		
1915	859	812	947	1000	1103	985	949	918	892	843	790	784	757	894	765	574	641	854	704
1916	747	982	1088	1185	1117	1034	901	698	493	859	949	976	1089	976	760	658	763	878	1162
1917	2121	1942	1323	915	885	972	1042	827	985	1022	917	909	1179	1640	1553	1192	1191	1529	1633
1918	829	842	896	927	955	1092	1090	1084	926	901	807	723	774	838	947	895	787	717	617
1919	829	989	1088	918	836	852	836	786	733	628	673	752	829	966	601	539	588	638	757
1920	1236	1260	1249	1211	1168	1011	951	817	872	1019	1222	1225	1170	1019	905	745	802	894	1097
1921	3353	3890	2723	1816	1592	1435	1470	1310	1213	1350	1360	1552	1372	1431	1350	1136	978	521	1184
1922	709	688	650	716	649	1000	882	821	784	612	670	655	674	656	527	873	706	655	1010
1923	991	710	685	646	662	798	999	1103	819	615	486	524	702	812	1089	1009	968	848	911
1924	680	847	950	936	793	796	798	751	772	647	672	754	835	837	833	727	775	639	458
1925	967	1522	2346	1549	1348	1231	1128	1042	937	926	838	990	1017	915	914	915	1016	940	1031
1926	3325	2469	2521	2703	2522	2191	2020	1506	1174	1240	1088	1471	1312	1044	591	755	1171	1291	1296
1927	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804	1534	1660	1634	1619	1253	1635	1385	1168
1928	540	736	444	672	404	619	634	685	813	857	968	974	849	913	839	843	791	591	647
1929	686	719	640	575	609	732	688	696	686	941	2221	1670	1818	2649	1613	1827	2297	1692	1250
1930	678	749	842	975	938	911	835	685	604	575	752	920	893	888	725	671	819	701	715
1931	380	445	563	635	610	462	582	513	572	431	416	532	479	398	377	434	620	620	620
1932	729	763	841	828	819	632	562	613	426	366	290	300	304	306	373	416	650	461	1046
1933	765	690	740	805	802	652	809	837	767	781	795	821	902	994	959	872	836	402	701
1934	814	823	778	850	869	814	793	688	726	668	602	586	688	910	1112	800	768	799	804
1935	444	399	403	424	575	579	729	656	811	725	657	833	808	739	611	388	339	350	363
1936	581	578	614	581	518	513	779	818	801	654	530	534	659	553	701	851	822	785	720
1937	630	675	643	684	679	641	692	404	734	596	2998	10641	7374	4097	2965	2697	2301	1926	1760
1938	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043	903	468	589	791	1146	1053	790	984
1939	534	617	592	592	586	575	715	644	640	934	1197	1096	876	820	699	836	1135	1420	1131
1940	1136	1045	1008	908	953	949	945	980	871	877	706	476	391	299	405	343	604	794	1188

DECEMBER

CHART 2K
TOTAL

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
770	830	870	820	820	820	820	820	670	670	770	830	950	950	770	815	860	905

2430	2430	2770	2770	2770	2770	2770	2770	2600	2600	2600	2600	2940	3290	3290	2940	2940	2770
1420	1340	1340	8500	1580	1820	1820	1580	1580	1580	1820	1580	1580	1580	1820	1820	1580	1820
990	1050	1050	1120	1050	1050	1050	1460	1360	1120	1050	1120	1050	1050	930	880	930	990
830	1060	955	990	1020	1020	920	890	1080	1200	1430	1350	1200	1130	1130	955	890	1020
830	895	895	895	747	1040	1080	1100	1120	1190	1190	1270	1230	1270	1120	1040	695	1000
		850			945			945			752			790			790

600	875	940	940	940	880	820	790	560	520	520	580	625	625	760	820	760	675
1000	900							1180	1180	1180	1240	1180	1360	1180	1140	1000	1100
810	850							8050	1080	930	930	1050	1120	990	930	755	
2050	1850	1800	1660	1660	1700	1480	1390	1570	1700	1600	1660	1750	1570	1390	1310	1390	1570
990	990	1020	1160	1100	1100	1070	1100	1160	1160	1300	1100	990	990	1040	1100	1100	1160
970	990	1085	1085	950	870	910	930	850	1010	1010	930	950	930	1035	1060	1035	1035

1220	1080	950	824	1020	1080	836	824	824	1080	950	1080	1150	1020	1020	950	1020	1150
638	559	559	559				600					650			826		
894	765	574	641	854	704	739	946	1102	1157	1079	955	825	728	837	849	676	719
978	760	658	763	878	1162	885	992	999	897	883	873	679	663	669	679	671	656
1640	1553	1192	1191	1529	1633	1737	1627	2038	1737	2965	2871	2416	3536	5050	6972	5420	4150
838	947	895	797	717	617	664	712	745	757	670	660	628	640	637	617	588	595
966	601	539	588	638	757	903	986	1126	1160	1199	1016	955	927	998	872	815	741
1019	905	745	802	894	1097	1134	1117	1042	950	909	890	936	956	982	1074	1359	2331
1431	1350	1136	978	521	1184	1124	1295	1175	1163	1220	1106	1109	1194	1191	1127	1177	1067
856	527	873	706	655	1010	1118	974	954	790	804	1052	1085	1172	1246	1361	1017	1136
812	1089	1009	968	848	911	972	963	799	635	608	902	979	879	947	898	1008	776
837	833	727	775	639	458	434	420	422	425	421	539	515	507	663	753	975	882
915	914	915	1016	940	1031	906	916	904	923	1016	1026	882	859	765	682	639	607
1044	591	755	1171	1291	1296	989	1051	815	794	906	869	844	840	928	838	911	920
1634	1619	1253	1635	1385	1168	971	1087	950	1548	1345	1255	1147	1144	1173	1490	1373	1120
913	839	843	791	591	647	586	599	615	606	706	645	995	837	964	1043	889	792
2649	1613	1827	2297	1692	1250	1271	1838	1047	1076	1012	971	917	843	732	729	625	704
888	725	671	819	701	715	730	570	493	505	552	533	509	760	666	634	613	613
398	377	434	620	620	620	621	762	745	718	718	694	726	751	837	750	620	557
306	373	416	650	461	1046	832	851	496	750	690	1081	929	761	822	780	825	756
994	959	872	836	402	701	886	976	972	943	996	908	1106	1241	1215	1121	1110	1322
910	1112	800	788	799	804	862	989	1017	1008	928	946	897	926	965	813	750	671
739	611	388	339	350	363	359	550	578	480	570	698	737	798	739	805	686	743
553	701	851	822	785	720	742	756	710	755	663	723	728	698	667	476	670	596
4097	2965	2697	2301	1926	1760	1389	1226	1161	1291	1288	1111	1319	1328	1174	1172	1097	1187
589	791	1146	1053	790	984	1010	932	928	752	1038	948	866	764	885	985	985	693
820	899	836	1135	1420	1131	945	891	833	770	715	685	552	552	659	697	778	918
299	405	343	604	794	1188	1122	1004	1168	1185	1248	1127	1173	1073	1280	1068	968	1071

23,106
34,774
22,054
18,188
20,298
27,826
25,604
18,676
20,778
57,880
30,490
24,634
28,317

NATURAL FLOW OF BOISE RIVER

BEGINNING 1941

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1941	953	664	662	690	704	967	890	959	778	857	761	699	622	926	1076	929	927	878	884	881
1942	612	612	612	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	731	1306	866	754
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1550	1636	1300	1100	1315	2011
1944	998	895	979	799	575	685	876	673	670	671	674	676	684	688	962	934	945	1042	827	824
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1305	1189	1052	1034	1031
1946	2583	2013	2120	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057	983	866	1214	1246	1157	1111
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052	788	753	706	733	1073	1241
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866	810	842	940	948	964	821
1949	866	878	818	730	730	825	800	822	861	868	773	760	777	824	830	850	841	814	785	780
1950	641	735	654	772	509	645	847	894	903	955	952	707	558	884	624	760	832	706	767	1079
1951	1130	993	1241	1259	997	1017	1000	748	949	1190	1294	1188	1361	1167	1124	1230	1404	1165	1058	1107
1952	799	526	852	469	1009	989	898	1152	1046	936	1195	1463	1735	904	1285	1544	1618	581	1254	1132

YEAR 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

FEBRUARY

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	1285	1152	1118	861	997	1179	1011	892	739	753
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1399	1648	1445	1646	1758	1771	1961	1944	2154
1944	764	878	1096	889	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	2099	1846	1897	1937	2145	1786
1948	878	983	1021	857	836	842	747	913	727	917	666	681	678	902	970	981	917	886	1227	1411
1949	759	801	827	862	873	883	885	890	862	832	801	770	734	689	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

NATURAL FLOW OF BOISE RIVER

CHART NO. 2-L

BEGINNING 1941

JANUARY

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
926	1076	929	927	870	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1409	1388	1281	31,091
1519	1550	1636	1300	1100	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
680	962	934	945	1042	827	824	822	722	730	940	827	820	823	733	740	744	752	24,706
1300	1461	1305	1189	1052	1034	1035	704	830	739	663	816	806	737	774	772	684	876	28,135
1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
1052	788	753	706	733	1073	1245	1132	1276	865	1119	1114	1125	1157	913	921	986	908	30,181
866	810	842	940	940	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
824	830	850	841	814	785	780	708	806	811	793	732	606	719	722	727	765	738	24,519
884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1237	1251	1182	1271	1019	833	31,594
1167	1124	1230	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	1118	35,328
904	1285	1544	1618	581	1254	1132	974	966	1375	1249	1257	987	1452	976	1089	1109	1379	34,200

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
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FEBRUARY

1238	1123	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684
861	997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581
1445	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282
785	906	1053	867	858	979	842	847	622	916	794	919	798	797	954	780			26,305
3131	2857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,862
961	1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609				32,902
2423	2899	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639
902	970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
689	682	694	682	691	753	792	841	846	846	871	901	916	929	945				22,837
917	1112	1199	1205	1202	1207	1299	1223	1221	1410	1412	1935	2020	1996	1975				35,705
3254	3175	2295	2409	2301	2334	2198	1937	2099	1828	1815	1678	2314	1528	2020				63,868
1272	921	1187	1743	1714	1215	1310	1183	1269	1206	1264	942	1120	949	1511	721			38,754

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1498	1480	1318	1384	1712	1967
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1688	1527	1468	1432
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446
1945	903	1024	1056	1012	818	794	816	870	968	1016	1038	1076	1426	1746	1707	1520	1403	1519	1304
1946	1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2803
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387
1948	1087	1173	1121	1096	966	976	973	994	997	978	994	1005	1015	1087	1060	1126	1145	1137	1121
1949	1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890	2995
1950	2698	2310	2377	2328	2154	2618	2476	2333	2250	2232	1929	1679	1486	1615	1505	1502	2181	3880	4755
1951	1694	1714	1419	1608	2076	1084	1520	1410	995	1322	1138	1413	1368	1360	1491	2022	1927	1587	1719
1952	1278	1325	916	1271	956	864	668	1288	1202	1187	1670	901	1329	853	1348	1688	1028	1861	1725

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	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312
1944	1584	1786	2125	2865	2726	3144	2693	2899	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2875	2045	1985	2296	2082	2706	2855	3445
1946	6808	4982	4552	4717	4841	5216	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	2281	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	2848	3787	4628	4125	4107	3894	4251	4659	5177	4667	5832	5720	6521	7448	7513	7141	8813	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

MARCH

CHART 2-M
TOTAL

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1495	1480	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
1860	1479	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
3825	3899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
1248	1012	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
1746	1707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
4131	3566	3217	2843	2526	2803	4144	5164	5371	5064	5103	4335	3767	4216	5462	6114	6618	5740	109,302
2004	2490	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
1087	1060	1126	1145	1137	1121	1086	1063	1001	1117	1133	1421	1342	1344	1381	1543	2076	2080	36,698
2164	2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
1615	1505	1502	2181	3880	4755	3658	3185	3006	2879	2729	2772	2856	2715	2552	2323	1969	2237	77,279
1360	1491	2022	1927	1587	1719	1817	1816	2533	2602	2415	2518	3130	2454	4455	4220	3470	3782	64,079
853	1348	1688	1028	1861	1725	1653	1838	2779	2086	1330	810	2856	2991	3509	3384	3961	2586	53,141

APRIL

TOTAL

3	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
39	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
15	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6899	5718	5033	4620	3317	4353		170,811
104	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
126	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		82,000
145	1985	2296	2862	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		101,184
596	10219	12352	13581	14780	17389	18812	18680	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
163	3230	4470	5633	6148	6379	6440	6284	6171	6318	6123	6002	5480	5356	5760	6191	6991	7300		144,699
155	2437	2518	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
761	5943	5790	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
521	7448	7513	7141	8813	8713	9288	8968	9687	11164	11175	11063	8717	8276	7747	7186	6576	6012		204,893
844	11505	11254	13094	10778	11156	11617	11612	9183	9634	8658	7951	8088	7476	7865	8281	11574	11017		276,856
421	9827	10983	9842	10395	12428	14861	14611	12836	12801	13075	13849	16380	18536	22122	23239	21444	18794		335,949

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	7336	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	13116	14472	15282	15085	15650	14752	21884	11194	10220	10225	9810	9272	8431	8266	7851	7464	7311	7009	6906
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	5683
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	8538	3728	4393	4204	4307	5353	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750
1949	6043	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	12087
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

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	4935	5212	6341	5866	5140	4826	4982	5120	5417	5474	5217	4718	4390	4612
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5418	5806
1946	7950	7533	7764	9114	10131	9775	8965	8249	7785	7505	7573	6965	6209	6199	6482	6365	5913	5539	5244
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4395	4743	4539	4785	4862	5051	5334
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5498
1949	8708	7502	6441	5588	5222	5867	6323	6598	6795	7171	7009	7447	6908	6266	5531	4828	4980	4145	3728
1950	10066	10139	10220	10932	10648	10879	11713	11063	9479	8073	7511	8098	8915	7834	8115	8634	9085	9709	8926
1951	9487	8497	7265	6970	6227	7755	6914	6277	5708	5396	5479	6034	7203	7536	8584	9851	10513	9966	9533
1952	12410	11938	11735	13212	13470	13830	13581	13783	12050	12664	10948	10492	7839	7788	7471	7157	6311	6538	5654

CHART No. 2-N
TOTAL

MAY

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
6	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
14	4151	4093	3815	3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,838
11	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
59	7632	7270	6542	5683	5076	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
55	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6452	6932	7120	236,573
70	9087	9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
04	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
09	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,888
13	12729	11484	11045	11133	10828	10219	9157	8361	8248	7608	8249	8084	9373	9402	9520	9017	283,431
97	13385	13675	12924	12287	9602	8307	10851	12138	13535	13021	11443	11009	11542	11799	11588	11627	279,748
114	8739	9745	10377	11258	11542	11650	11353	12580	12793	13796	12825	12596	13931	14035	12879	10811	344,921
169	14231	12343	11652	12801	12544	13861	13676	12967	11778	13056	14007	15740	13838	14449	13520	12560	449,787

JUNE

5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468	133,388
6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701	181,187
0305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755	313,877
4063	4095	4112	3762	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004	123,863
6164	5678	5343	5416	5806	5460	7091	7389	7317	7137	6538	6633	5943	5117	4311	3963	202,998
6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3468	3540	3407	189,412
4539	4785	4962	5051	5334	5103	4813	4215	3548	3663	3798	3631	3738	3439	2971	2842	148,619
7682	7075	6428	5872	5493	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476	229,853
5531	4828	4980	4145	3728	3705	3597	3301	3091	3292	3073	3074	2960	2558	2413	2228	150,554
8115	8634	9085	9799	8926	9710	9794	10313	10051	8978	7663	6895	5212	6531	7034	8135	270,405
8584	9851	10513	9966	9533	8704	8506	7928	7135	6408	6370	5833	6263	5806	5949	5691	219,788
7471	7157	6311	6538	5654	6755	6336	5380	5598	5239	5328	5419	5276	5236	4724	5238	259,400

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
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2230	2108	2075	1899	1811	1790	1696	1591
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908	5338	5040	5053	4694	4405	4363
1944	3009	3102	2608	2700	2403	2513	2184	2012	1856	1998	1857	1698	1642	1580	1519	1482	1511	1455	1401
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2823	2409	2555	2355	2179	2136	2081	1791	1789
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2373	2388	2246	1949	1915	1811	1658	1687	1744	1645
1947	2727	2594	2681	2701	2632	2476	2407	2450	2533	2120	2258	2132	1840	1871	1856	1816	1783	1801	1670
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1736	1500	1565	1577	1497	1354
1949	2345	2243	2200	2079	2070	2094	2268	2117	1900	1699	1705	1663	1639	1500	1431	1390	1295	1296	1155
1950	8217	8402	7729	7180	6707	6330	6036	5799	5235	4788	4579	4039	3874	3507	3215	3369	3035	2818	2518
1951	5444	5457	5231	5184	5226	4489	4507	4060	3758	3821	3636	3409	3003	2998	2845	2941	2681	2766	2443
1952	5148	4151	3933	4258	3817	3764	3846	3333	3218	3076	3153	3534	3350	3127	2507	2564	2220	2354	2504

AUGUST

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	2518	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	807	823	745	884	935	836	848	825	848	859	792	745	734	737	753	742	723
1949	838	705	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

JULY

CHART NO. 260

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
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	1462	1511	1455	1401	1317	1284	1347	1321	1293	1251	1259	1179	1149	1118	1029	1024	53,191
2179	2136	2081	1791	1709	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	1793	1801	1678	1494	1436	1402	1356	1253	1209	1146	1140	1105	1066	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	45,988
3215	3369	3035	2818	2518	2402	2319	2270	2040	2003	1953	1902	1736	1862	1755	1678	1559	120,356
2645	2941	2681	2766	2443	2407	2338	2136	2153	1912	1688	1946	1715	2222	1676	2282	1541	97,345
2507	2584	2220	2354	2504	2121	2195	1904	2106	1990	1964	1658	1702	1727	1595	1745	1668	86,232

AUGUST

40	899	839	852	890	1240	962	832	879	808	714	860	776	781	787	749	724	686	26,603
42	745	729	674	688	648	611	596	625	597	623	626	596	605	568	578	593	603	23,487
44	1636	1618	1594	1521	1514	1457	1400	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,870
50	649	638	631	634	626	616	581	542	536	547	534	523	529	518	537	539	503	21,842
52	814	799	769	750	759	726	727	710	714	720	679	646	623	584	588	590	588	25,658
54	844	847	814	794	753	730	735	728	802	804	835	861	868	876	874	834	829	29,187
56	663	672	637	619	613	589	579	586	569	555	586	567	546	521	510	553	598	21,525
58	734	737	753	742	723	679	690	670	679	684	680	677	667	652	644	636	628	23,529
62	767	764	828	831	763	718	654	611	594	572	560	551	566	544	539	556	541	20,262
64	1136	1127	1017	1026	949	1001	994	1049	945	1009	1094	893	863	960	801	730	724	37,251
66	968	867	817	1110	825	759	841	1061	1072	835	1197	994	933	806	840	766	971	35,348
68	1495	805	823	1074	948	1015	1137	980	1305	992	532	572	450	904	633	372	1099	34,360

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1941	658	634	632	650	640	655	646	627	643	655	653	642	669	698	742	747	740	727	686
1942	617	631	599	595	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	892	917	926	889	862	817	783
1944	475	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	588	624
1946	804	741	722	726	681	710	724	794	869	865	824	778	717	695	654	661	670	725	793
1947	583	614	595	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	796	609	534
1952	874	711	1072	997	666	855	692	321	630	655	874	783	756	2173	1067	756	1032	687	716

OCTOBER

1941	718	694	674	665	691	724	752	797	732	715	591	676	783	804	698	802	2533	1954	1565
1942	567	748	695	62	697	665	659	684	455	501	459	605	740	744	844	563	633	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	678
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	717	966	779

SEPTEMBER

CHART NO. 2-P
TOTAL

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	742	747	740	727	688	689	710	726	726	728	728	731	727	711	714	715		20,659
2	632	638	623	623	601	620	635	652	666	615	604	572	557	575	536	544		17,670
3	508	880	882	817	783	787	758	828	858	840	891	815	850	874	882	899		28,049
4	487	485	477	474	547	606	663	707	689	672	658	636	624	630	620	560		17,384
5	563	557	578	580	624	630	644	691	829	875	951	963	782	675	681	656		19,573
6	554	661	670	723	793	857	893	893	889	892	827	783	742	681	682	681		22,967
7	688	658	637	591	636	627	606	607	615	617	617	619	592	594	582	590		18,604
8	892	881	823	807	899	474	508	483	504	538	562	590	725	757	806	760		17,873
9	637	808	836	837	582	505	489	474	485	503	508	507	503	466	472	534		15,567
10	592	643	839	804	841	850	846	769	716	712	678	700	750	801	852	928		24,632
11	596	696	796	609	534	318	805	298	729	747	778	833	704	924	706	812		21,275
12	1067	756	1082	687	718	1311	1000	613	823	525	825	356	1466	1050	576	592		25,554

OCTOBER

104	898	802	2533	1954	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871	31,680
144	844	583	883	718	892	895	720	764	720	760	651	626	702	792	737	835	699	21,282
122	989	927	1006	876	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
111	852	842	821	807	873	632	598	664	671	674	693	659	958	436	669	638	718	20,414
182	865	746	889	777	846	792	814	838	768	797	776	785	800	761	802	819	924	22,911
898	832	865	995	910	995	925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,897
174	777	822	2138	1453	1233	1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
780	748	751	778	783	780	781	782	722	738	741	735	736	734	675	686	685	735	22,321
810	827	851	825	834	746	748	753	812	826	825	852	818	642	689	752	835	780	24,612
830	967	971	971	971	971	971	971	974	973	972	972	991	1168	1274	1525	1685	1832	33,760
885	941	1751	1489	865	1047	1924	1634	513	702	1189	1316	1347	1554	2001	1425	1178	1302	38,636
882	948	837	717	966	779	863	799	1025	1016	741	807	592	862	1259	1305	621	461	25,892

NOVEMBER

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	1158	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	947	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	833	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	150	1470	1072	1368	952	895	587	1272	53
1952	461	532	778	1195	790	826	911	768	615	625	514	1148	1189	1633	1240	843	525	946	894

DECEMBER

1941	943	987	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309	1406	1372	1694	1580	1838	1871
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	746	770	748	759	939	974
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870
1947	1239	1165	1100	920	1078	1117	954	951	908	957	622	838	709	995	922	901	811	959	991
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720
1949	1303	1123	1148	775	804	855	790	842	891	780	701	626	650	908	718	817	809	934	656
1950	1403	1398	1485	1441	1551	1450	1561	1878	1631	1645	1759	1651	1474	2107	1284	1179	1669	1304	1206
1951	2369	3435	2251	2024	1569	1835	1117	853	711	916	962	1493	1337	1068	1098	754	1072	1273	1362
1952	723	780	1163	823	753	702	875	1006	902	742	931	943	1424	1071	1096	1444	879	733	445

NOVEMBER

CHART NO. 2-Q

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
187	2533	1954	1566	1420	1167	922	936	850	694	663	953	909	675	1000	871		21,000
184	1562	1158	1186	1150	1007	857	703	858	1128	1793	1538	1246	1442	1412	2098		32,034
133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
860	870	745	682	577	656	681	731	722	699	802	716	741	747	600	581		26,099
141	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
144	936	856	947	1115	2186	1680	1484	1328	1706	1606	1663	1713	1457	1522	1676		36,107
170	993	1022	928	1024	865	754	863	695	771	1011	993	1032	1081	973	998		28,797
132	981	916	883	854	838	818	790	808	803	813	831	815	818	830	764		26,959
906	817	846	715	809	684	841	645	804	1409	1474	1367	1290	1347	1205	917		27,608
186	1129	1172	1419	1649	1540	1597	1879	1277	1272	1368	1363	1388	1278	1232	1298		42,476
152	895	587	1272	52	2770	773	1279	1051	953	831	863	1518	1231	1330	1210		32,142
240	843	525	946	894	968	643	1021	698	238	842	114	834	936	813	552		24,886

DECEMBER

172	1694	1580	1838	1471	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
111	1641	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
164	505	765	610	640	866	1052	818	1137	906	839	783	615	621	888	906	826	21,451
168	707	645	1040	833	691	898	893	1242	1173	1138	1000	1206	1505	3667	5249	3587	37,356
709	2950	2413	1771	1870	1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,096
122	901	811	959	991	844	951	798	752	974	746	737	736	779	951	790	513	27,788
180	942	892	767	720	729	713	673	702	897	664	652	681	743	804	861	875	25,547
714	817	809	934	656	565	728	778	931	906	764	779	795	975	775	789	748	25,608
184	1179	1689	1304	1206	1181	1537	1246	1326	1283	1304	1502	1148	770	907	1899	1440	44,319
198	754	1072	1273	1362	807	959	2049	2046	1242	1236	629	1253	1145	2220	1393	1332	43,802
96	1444	879	793	445	1164	658	1763	1202	71	227	464	806	1020	1020	579	922	54,662

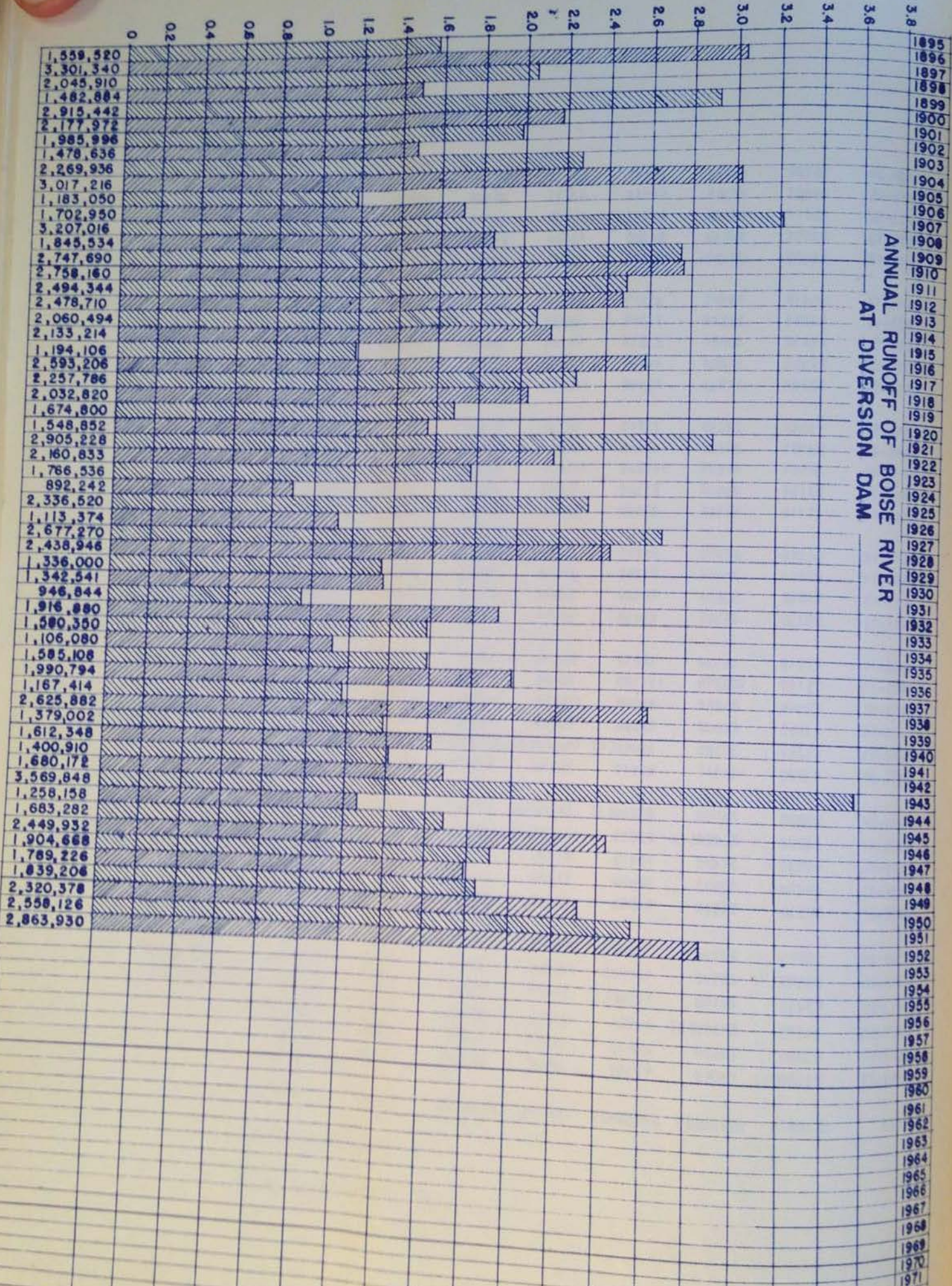
TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 50-YEAR PERIOD, 1895 TO 1944, INCLUSIVE

CHART - 3

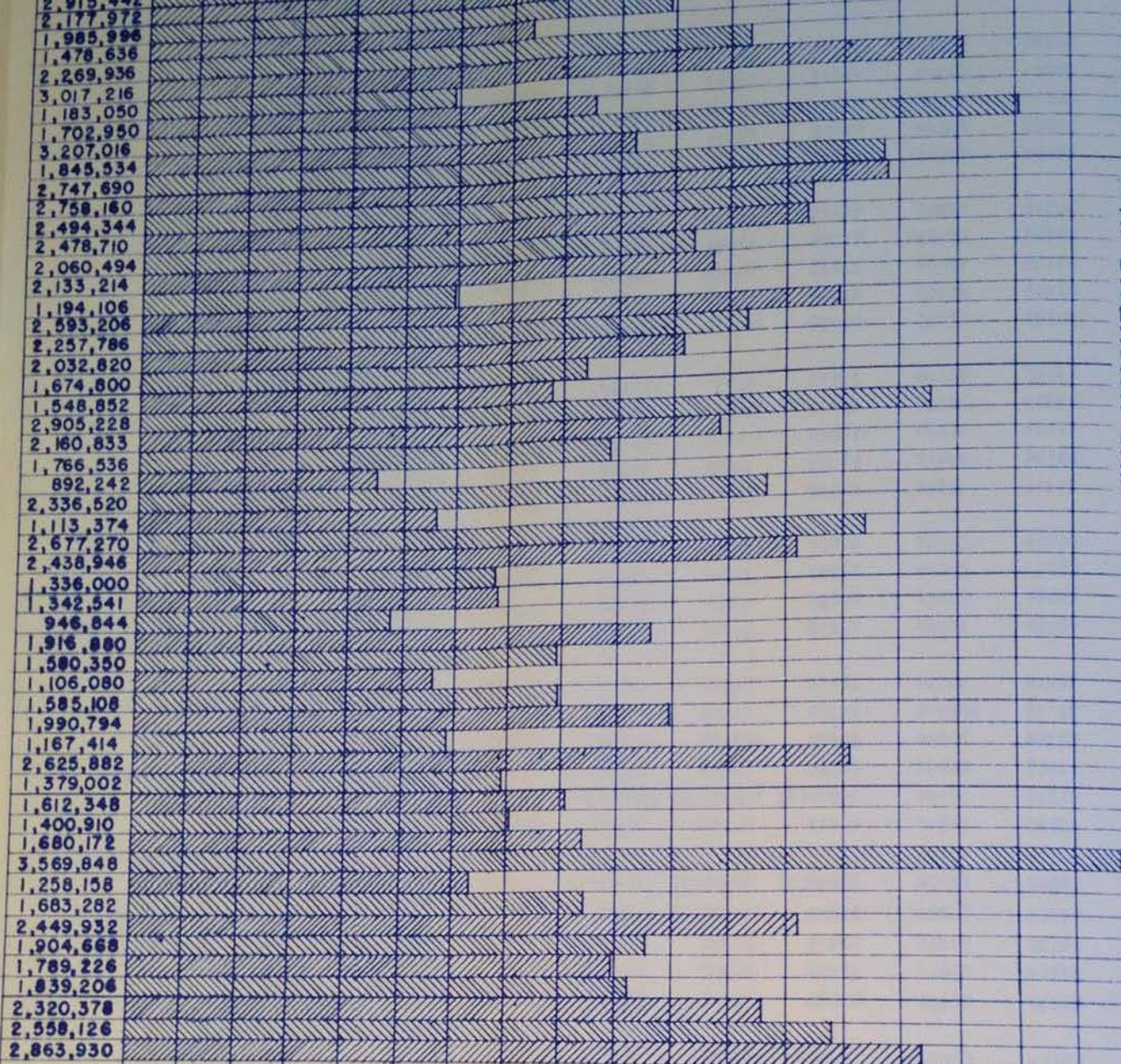
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	1172	1100	1579	3764	7022	8239	4219	1215	748	763	899	1152
2.	1131	1095	1611	3387	7107	8147	4101	1144	753	738	911	1168
3.	1139	1126	1675	4151	7155	8105	3940	1142	743	795	968	1139
4.	1114	1135	1671	4240	7369	7961	3784	1123	733	810	916	1176
5.	1089	1218	1715	4258	7510	7808	3630	1089	736	810	957	1090
6.	1067	1220	1766	4274	7710	7706	3425	1053	734	806	964	1073
7.	1075	1207	1770	4314	7980	7627	3296	1033	726	832	949	1050
8.	1031	1308	1887	4535	7935	7931	3198	1012	718	856	936	1009
9.	1002	1277	2004	4745	7995	7934	3077	984	719	849	945	973
10.	1019	1225	1921	5192	8173	7854	2909	943	724	841	989	985
11.	1001	1207	1946	5402	8008	7598	2740	928	737	837	1012	1056
12.	992	1174	2037	5707	7987	7589	2671	932	736	834	966	1202
13.	964	1186	2074	6201	8015	7612	2513	910	744	845	929	1132
14.	1002	1145	2128	6550	8347	7579	2409	896	756	839	957	1068
15.	1091	1162	2188	6731	8333	7389	2286	867	762	864	945	986
16.	1123	1225	2330	6949	8360	7361	2173	872	764	853	1080	974
17.	1097	1244	2365	6886	8338	7167	2050	857	759	894	995	1027
18.	1104	1245	2714	6969	8405	6947	1951	833	749	901	1021	994
19.	1135	1238	2772	6994	8112	6793	1866	835	742	891	991	1049
20.	1165	1264	2950	6605	7909	6559	1789	818	750	882	1045	1026
21.	1202	1302	2975	6556	7745	6266	1695	818	745	843	1123	1053
22.	1187	1367	3048	6696	7731	5981	1623	792	736	866	1228	1038
23.	1197	1385	3093	6775	7803	5736	1595	783	744	890	1364	1042
24.	1171	1424	3085	6950	8002	5490	1546	770	751	866	1258	1084
25.	1227	1390	3183	6941	8130	5198	1533	756	756	874	1211	1076
26.	1195	1364	3177	7200	8400	5041	1452	751	741	873	1162	1054
27.	1154	1445	3320	7304	8395	5169	1400	742	754	886	1117	1074
28.	1126	1524	3365	7248	8128	4720	1359	739	753	884	1041	1106
29.	1112	1215	3572	7112	7972	4580	1312	735	755	896	1044	1148
30.	1081		3652	7053	7987	4378	1287	743	758	888	1103	1103
31.	1100		3660		8293		1230	736		897		1119

RUNOFF IN MILLIONS OF ACRE - FEET

ANNUAL RUNOFF OF BOISE RIVER AT DIVERSION DAM



ANNUAL RUNOFF OF BOISE RIVER AT DIVERSION DAM



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1974

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1985

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	152380
1895-96	57040	54980	50980	73440	67660	157560	295040	555380	1464280	385520
1896-97	54220	61300(3)	64600	50520	55240	87960	476000(5)	508000(6)	415000(5)	143300
1897-98	63440	64100	61500(7)	34100	67200	119280	251900	320280	299360	116840
1898-99	53262	56240	151640	160600	79640	113900	425740	608020	731400	356160
1899-00	83664	90000	97000	125420	96440	305220	380020	510720	300640	84156
1900-01	63570	61880	65060	79440	98340	179320	305940	626460	287420	116400
1901-02	56464	55892	76400	61300	90440	88920	211470	353460	287160	106720
1902-03	45630	54498	63474	81760	63570	143360	448220	520620	601880	147580
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	671840	828600	521060	201920
1904-05	58880	54000	54000(7)	50400(2)	56700(2)	101900	176200	229820	247660	78860
1905-06	42988	41010	40410	50810	57240	101100	337920	428100	346980	162900
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673380	683520	534560	335640
1907-08	57890	55970	63300	67230	63282	141130	382540	370360	324880	198500
1908-09	68440	59280	58000	138160	110680	232840	472120	605240	655220	226800
1909-10	63148	200560	124760	79900	66600	566900	609980	513560	310360	110040
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740860	233040
1911-12	66570	66700	63520	78420	76120	99580	342620	684180	677560	173980
1912-13	66960	67820	60680	53800	51400	101800	374960	573740	413420	158660
1913-14	63524	80180	61380	71196	74968	216040	469040	553660	307700	124130
1914-15	69680	58360	44800	59580	59726	94782	176564	274130	191900	83978
1915-16	42410	45626	53346	49930	63262	197486	555062	563720	594764	293818
1916-17	59106	54016	53702	47628	47694	61740	267082	654106	643322	260216
1917-18	46004	49506	128592	113818	77754	181542	346040	409954	461268	112120
1918-19	64492	56578	49118	50532	52844	114916	395854	509192	240872	69736
1919-20	47968	56548	52610	66528	65774	89234	189044	449730	333468	117328
1920-21	59966	75678	67106	112422	94098	271472	394484	824032	718728	175390
1921-22	55492	39088	44979	60982	53180	113692	319642	552674	659854	148066
1922-23	52172	48886	52372	62100	50860	92700	273726	454010	376208	192504
1923-24	61592	52930	51286	48954	72446	63550	136450	243200	76792	35296
1924-25	39218	53862	42912	48416	129386	192370	501862	700486	367370	152598
1925-26	58400	51394	63522	48414	64264	140448	232672	247704	105072	41132
1926-27	34882	67640	84790	63200	104630	188084	378928	665294	725602	233700
1927-28	69014	144162	97842	90008	79354	272846	316812	852194	305656	118292
1928-29	49852	50792	46212	45514	49720	101904	179094	359418	285896	98288
1929-30	39356	36848	69543	44774	64388	103616	274178	295246	257382	79234

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1985

JANUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	
8280	103180	243140	395220	225700	152380	63620	58000	1,559,520	
7660	157560	295040	555380	1464280	385520	81960	57500	3,301,340	
5240	87960	476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,910	
7200	119280	251900	320280	299360	116848	45708	39168	1,482,884	(1) MEAN OF 4 HIGH YEARS.
9640	113900	425740	608020	731400	356160	109940	68900	2,915,442	(2) SUBSTITUTED FROM 1906.
6440	305220	380020	510720	300640	84156	53496	51196	2,177,972	(3) SUBSTITUTED FROM 1900.
18340	179320	305940	626460	287420	116400	52222	49944	1,985,996	(4) MISSING DAYS SUBSTITUTED FROM 1900.
70440	88920	211470	353460	287160	106720	49496	40914	1,478,636	(5) MISSING DAYS SUBSTITUTED FROM 21 YEAR MEAN.
53570	143360	448220	520620	601880	147580	53000	46344	2,269,936	(6) MISSING MONTHS SUBSTITUTED FROM 21 YEAR MEAN.
18000(1)	262140	671840	828600	521060	201920	71972	43830	3,017,216	(7) INTERPOLATED
56700(2)	101900	176200	229820	247660	78860	39870	34660	1,183,050	(8) AVERAGE OF 5 SHORT WATER YEARS
57240	101100	337920	428100	346980	162900	52410	41090	1,702,950	
55000(4)	346120	673380	683520	534560	335640	101600	62066	3,207,016	
63282	141130	382540	370360	324880	198500	64920	55524	1,845,534	
10680	232840	472120	605240	655220	226800	63690	57220	2,747,690	
66600	566900	609980	513560	310360	110040	55970	56390	2,758,160	
76340	159570	323960	549120	740860	233040	74906	59728	2,494,344	
76120	99580	342620	684180	677560	173980	83380	66080	2,478,710	
51400	101800	374960	573740	413420	158660	82964	54290	2,060,494	
74968	216040	469040	553660	307700	124130	58742	52654	2,133,214	
59726	94782	176564	274130	191900	83978	40926	39672	1,194,106	
63262	197486	555062	563720	594764	293818	80102	53680	2,593,206	
47694	61740	267082	654106	643322	260216	65224	43950	2,257,786	
77754	181542	346040	409954	461268	112120	56300	49922	2,032,820	
52844	114916	395854	509192	240872	69736	36404	34262	1,674,800	
65774	89234	189044	449730	333468	117328	40586	39034	1,548,852	
94098	271472	394484	824032	718728	175398	63068	48784	2,905,228	
53180	113692	319642	552674	659854	148066	65210	47974	2,160,833	
50860	92700	273726	454010	376208	192504	67552	42946	1,766,536	
72446	63550	136450	243200	76792	35296	24426	25320	892,242	
129386	192378	501862	700486	367370	152598	60730	47382	2,336,520	
64264	140448	232672	247704	105072	41132	38872	29480	1,113,374	
104630	188084	378928	665294	725602	233700	74786	55734	2,677,270	
79354	272846	316812	852194	305656	118292	51462	41304	2,438,946	
49720	101904	179094	359418	285896	98288	36822	32488	1,336,000	
64388	103616	274178	295246	257382	79234	43256	34720	1,342,541	

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST
1930-31	54512	45418	44108	44818	45298	91246	177172	251538	110862	34670	23156
1931-32	31424	31224	36376	38612	36756	135826	336006	564176	458224	154298	52212
1932-33	39142	56478	40596	43926	41136	64474	239342	341610	538198	99610	40282
1933-34	41276	47684	55652	79680	79948	151896	249648	229216	86240	37252	22622
1934-35	37058	49444	51208	52256	54336	83150	299458	428528	363262	97334	39022
1935-36	33616	38248	37352	44612	47356	100060	577594	625906	319284	82558	43272
1936-37	39772	36600	41556	37568	41720	89870	207358	381192	178996	60820	25996
1937-38	36266	49828	115760	67492	71566	191026	505100	711314	558138	201292	71190
1938-39	60626	67394	60980	52236	47170	164294	328918	341836	136300	60358	28454
1939-40	40474	38998	49268	53858	75724	201512	355842	434480	227258	64468	31480
1940-41	53168	59764	56634	54,260	65368	113448	188300	365336	266776	83332	53206
1941-42	48552	63200	106838	62182	62162	87804	341662	325676	362374	137452	46974
1942-43	42564	64068	81782	153190	116564	235138	1006532	722804	627754	359598	103756
1943-44	61802	70704	55768	49412	52618	68094	164000	303208	247726	106382	43684
1944-45	40828	52198	42902	56270	80144	99160	202368	473146	405996	139808	51316
1945-46	45822	53670	74712	79530	65804	218604	639804	651660	378824	137194	5837
1946-47	67394	72214	109392	60362	87278	181276	289398	545764	297238	114094	43050
1947-48	56244	57882	55516	65522	60480	73396	264424	505792	459706	189372	44682
1948-49	44642	53918	51094	49038	45674	146834	416548	566862	301108	91898	40464
1949-50	49224	55212	51216	63188	71410	154558	409786	559496	540810	241712	74502
1950-51	67520	84952	88638	70656	126136	128158	553712	689842	439576	195690	70696
1951-52	77272	64284	87604	68400	77508	106282	671898	899574	518800	172464	68736

AVERAGE FLOW 1895 TO 1952 INCLUSIVE 2,004,309 ACRE FEET.

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
44818	45298	91246	177172	251538	110862	34670	23156	24046	946,844
38612	36756	135826	336006	564176	458224	154298	52212	41746	1,916,880
43926	41136	64474	239342	341610	538198	99610	40282	35556	1,580,350
79680	79948	151096	249648	229216	86240	37252	22622	24966	1,106,080
52256	54336	83150	299458	428528	363262	97334	39022	30052	1,585,108
44612	47356	100060	577594	625906	319284	82558	43272	40936	1,990,794
37568	41728	89870	207358	381192	178996	60820	25996	25958	1,167,414
67492	71566	191026	505100	711314	558138	201292	71190	46910	2,625,882
52236	47170	164294	328918	341836	136300	60358	28454	30436	1,379,002
53858	75724	201512	355842	434480	227258	64468	31480	38986	1,602,348
54,260	65368	113448	188300	365336	266776	83332	53206	41318	1,400,910
62182	62162	87804	341662	325676	362374	137452	46974	35340	1,680,172
153190	116564	235138	1006532	722804	627754	359598	103756	56098	3,569,848
49412	52610	68094	164000	303208	247726	106382	43684	34788	1,258,158
56270	80144	99160	202368	473146	405996	139808	51316	39146	1,683,282
79530	65804	218604	639804	651660	378824	137194	58374	45934	2,449,932
60362	87278	181276	289398	545764	297238	114094	43050	37208	1,904,668
65522	60480	73396	264424	505792	459706	109372	44612	36580	1,789,226
49038	45674	146834	416548	566862	301108	91898	40464	31126	1,839,206
63188	71410	154558	409786	559496	540810	241712	74502	49264	2,320,378
70656	126136	128158	553712	689842	439576	195690	70696	42550	2,558,126
68400	77508	106282	671898	899574	518800	172464	68736	51108	2,863,930

IVE 2,004,309 ACRE FEET.

DISCHARGE IN SE
BY DAYS DURING THE IR

NAME OF CANALS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
NEW YORK CANAL (MC #2)	0000	0000	0000	0000	517	971	971	1101	1188	1188	1222	1364	1364	815	803	
PENITENTIARY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BUBB (SOUTH BOISE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RIDENBAUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SETTLERS	0	0	0	0	0	0	60	152	195	203	203	203	203	203	203	
THURMAN MILL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CRUZEN (CONSUMERS)	8	8	8	8	8	8	10	10	10	10	12	12	12	12	12	
BOISE CITY																
FARMERS UNION & B. V.																
NEW UNION											0	40	40	40	70	
NEW DRY CREEK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALLANTINE																
X MIDDLETON CANALS																
LITTLE PIONEER																
CANYON COUNTY																
X EAGLE ISLAND CANALS																
MYLLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EUREKA #1																
CALDWELL HIGH LINE																
SEBREE (FARMERS COOP.)															0	27
															0	153
CAMPBELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIEBENBERG																
RIVERSIDE #2																
PIONEER DIXIE																
EUREKA #2																
UPPER CENTER POINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOWER CENTER POINT																
X MISCELLANEOUS																
TOTAL CANAL DIVERSIONS	8	8	8	8	525	979	1041	1263	1393	1401	1437	1619	1619	1070	1096	1307
RIVER AT HOYUS	3850	4220	4330	4360	4530	5080	6160	7210	7290	6940	6600	6560	6600	7320	8350	7900
TOTALS	3858	4228	4338	4368	6055	6059	7201	8473	8683	8341	8037	8179	8219	8390	9446	9297

X MIDDLETON CANALS INCLUDE - MIDDLETON IRRIGATION ASSOCIATION & MIDDLETON MILL DITCH CO.
X EAGLE ISLAND CANALS INCLUDE - LEMP DITCH, CONWAY & HAMMING, THOS. AIKEN, CATLIN & MACE, HART & DAVIS, GRAHAM & GILBERT, WARM
X MISCELLANEOUS CANALS INCLUDE - MEEVES, ROSSI MILL, DAVIS, LITTLE DAVIS & JACOBS OR JULIA DAVIS.

DISCHARGE IN SECOND FEET OF BOISE VALLEY CANALS

CHART NO. 5

BY DAYS DURING THE IRRIGATION SEASON OF 1952, INCLUDING STORAGE

APRIL

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1188	1222	1354	1364	815	803	815	815	1144	1364	1570	1584	1588	1810	2090	2290	2446	2550	2690	2830	2830
0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	3	3	3	5	8	8
0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	14	14	14	14	14	14
203	203	203	203	203	203	203	205	201	203	211	217	217	241	248	302	410	450	498	498	522
0	0	0	0	0	0	0	22	22	26	46	46	46	46	56	78	98	118	135	162	169
0	0	0	0	0	0	0	0	0	0	0	18	18	18	22	22	26	26	30	30	34
10	12	12	12	12	12	14	14	14	14	14	14	14	14	16	16	16	16	16	16	16
	0	40	40	40	78	90	50	45	45	45	64	94	108	119	142	142	168	176	111	149
					0	5	5	5	5	5	7	7	7	7	9	9	9	11	11	11
0	0	0	0	0	0	0	0	29	29	29	29	29	29	29	39	40	46	61	66	66
										0	8	12	12	17	17	17	21	21	21	21
							0	88	91	86	84	93	115	146	169	191	191	203	205	203
										0	29	29	40	40	40	40	40	40	40	31
										0	30	42	52	68	64	60	60	64	64	64
0	0	0	0	0	0	0	0	0	0	0	31	31	34	34	38	42	44	44	46	46
											0	100	132	190	199	264	358	389	391	409
														0	10	10	12	23	32	35
					0	27	27	27	27	27	27	27	27	37	37	48	48	65	65	48
					0	153	153	153	153	153	153	198	220	243	267	299	299	299	327	340
0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	12	12	12	12	15
													0	6	6	6	6	11	11	11
							0	38	45	60	92	113	124	122	134	154	185	177	197	193
										0	21	21	21	35	35	42	42	67	67	71
										0	25	35	35	51	51	61	61	61	77	77
0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	12	12	12	12	12	12
											0	9	9	9	9	13	13	13	13	13
										0	15	15	15	15	20	20	25	25	25	25
1401	1437	1619	1619	1070	1096	1307	1291	1766	2082	2246	2506	2741	3147	3658	4058	4521	4858	5191	5377	5460
													6780							
290	6940	6600	6560	6600	7320	8350	7990	7900	7550	7300	7360	6820	7170	7020	6900	6820	6820	6790	6440	5790
													9927							
683	8341	8037	8179	8219	8390	9446	9297	9191	9316	9502	9606	9326	9911	10678	10958	11341	11678	11971	12017	11250

TCH CO.
 & MACE, HART & DAVIS, GRAHAM & GILBERT, WARM SPRINGS SLOUGH, JOPLIN & SEVEN SUCKERS
 ON JULIA DAVIS.

ET OF BOISE VALLEY CANALS

CHART NO. 5

SEASON OF 1952, INCLUDING STORAGE

RIL

	7	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
15	1144	1364	1570	1584	1588	1810	2090	2290	2446	2550	2690	2830	2830		39920
0	0	0	0	2	2	2	2	3	3	3	5	5	6		33
0	0	0	0	0	0	11	11	14	14	14	14	14	14		106
05	201	203	211	217	217	241	248	302	410	450	498	498	522		6251
22	22	26	46	46	46	46	56	78	98	118	135	162	169		1070
0	0	0	0	18	18	18	22	22	26	26	30	30	34		244
14	14	14	14	14	14	14	16	16	16	16	16	16	16		372
						0	26	26	26	29	29	29	29		194
50	45	45	45	64	94	108	119	142	142	168	176	111	149		1746
5	5	5	5	7	7	7	7	9	9	9	11	11	11		113
0	29	29	29	29	29	29	29	39	40	46	61	66	66		521
			0	8	12	12	17	17	17	21	21	21	21		167
0	88	91	86	84	93	115	146	189	191	191	203	205	203		1865
			0	29	29	40	40	40	40	40	40	40	31		369
			0	30	42	52	68	64	60	60	64	64	64		568
0	0	0	0	31	31	34	34	38	42	44	44	46	46		390
				0	100	132	190	199	264	358	389	391	409		2432
							0	10	10	12	23	32	35		122
27	27	27	27	27	27	27	37	37	48	48	65	65	48		564
153	153	153	153	153	198	220	243	267	299	299	299	327	340		3410
0	0	0	0	0	0	9	9	9	12	12	12	12	15		90
					0	6	6	6	6	6	11	11	11		63
0	38	45	60	92	113	124	122	134	154	185	177	197	193		1634
			0	21	21	21	35	35	42	42	67	67	71		422
			0	25	35	35	51	51	61	61	61	77	77		534
0	0	0	0	10	10	10	10	12	12	12	12	12	12		112
				0	9	9	9	9	13	13	13	13	13		92
			0	15	15	15	15	20	20	25	25	25	25		200
91	1766	2002	2246	2506	2741	3147	3658	4058	4521	4858	5191	5377	5460		63604
						6780									
7980	7558	7500	7360	6820	7170		7020	6800	6820	6820	6730	6540	5790		195240
						9927									
9191	9316	9502	9606	9326	9911		10678	10958	11341	11678	11971	12017	11250		258844

PRINCE SLOWEN, JOPLIN & SEVEN SUCKERS

DISCHARGE IN SECONDS
BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NEW YORK CANAL (MC #2)	2830	2830	2830	2830	2830	2830	2802	2802	2802	2802	2420	2606	2774	2774	2774	2774
PENITENTIARY	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	9
RIVER (SOUTH BOISE)	14	14	14	14	16	16	16	16	16	16	16	15	15	15	15	15
RIDENBAUGH	521	532	536	537	534	538	534	538	489	486	487	486	485	480	496	483
SETTLERS	171	171	171	171	177	188	188	165	152	133	146	146	166	178	179	167
THURMAN MILL	34	34	34	34	34	34	34	34	34	34	34	34	34	26	26	26
CRUZEN (CONSUMERS)	16	16	16	16	15	15	15	15	15	15	16	16	17	17	18	19
BOISE CITY	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30
FARMERS UNION & D.V.	192	228	228	199	217	229	234	203	214	224	223	231	231	231	220	220
NEW UNION	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10
NEW DRY CREEK	66	66	66	58	58	59	37	51	51	51	51	51	51	58	51	52
BALLANTINE	24	24	25	25	25	27	27	27	18	18	18	20	20	20	20	21
MIDDLETON CANALS	199	211	223	226	226	223	226	223	190	191	193	191	191	191	193	195
LITTLE PIONEER	31	31	31	31	40	40	51	51	40	31	31	31	39	50	30	29
CANYON COUNTY	71	71	71	71	71	71	71	71	53	57	82	82	74	74	76	84
x EAGLE ISLAND CANALS	48	48	51	51	56	56	56	56	56	56	56	56	56	56	56	56
MYLLIS	414	430	449	449	434	449	453	343	390	391	390	400	408	404	384	391
EUREKA # 1	34	34	35	35	34	35	35	34	33	33	33	33	34	34	33	33
CALDWELL HIGH LINE	48	48	48	48	48	48	42	42	35	37	37	33	37	37	37	37
SEEREE (FARMERS COOP.)	340	353	353	343	346	346	357	357	357	357	357	359	359	361	361	361
CAMPBELL	15	15	17	17	17	17	19	19	19	21	21	21	23	25	25	25
SIEBENBERG	11	11	11	13	13	13	6	6	6	6	6	11	11	11	11	11
RIVERSIDE # 2	199	199	203	203	203	201	207	207	207	207	207	207	221	221	216	216
PIONEER DIXIE	71	71	71	71	71	77	77	77	77	77	77	77	73	73	70	70
EUREKA # 2	77	77	77	77	77	77	73	73	73	77	71	81	81	81	81	81
UPPER CENTER POINT	15	15	15	15	15	15	15	15	15	15	15	15	15	9	9	9
LOWER CENTER POINT	13	13	13	13	13	18	18	18	18	18	18	18	18	22	22	22
x MISCELLANEOUS	28	28	28	28	28	28	28	29	29	29	29	29	29	29	29	29
TOTAL CANAL DIVERSIONS	5530	5618	5664	5623	5646	5701	5671	5522	5439	5432	5085	5302	5511	5536	5490	5507
	5860	5620	5470	5850	5920	5730	5580	5560	6180	6400	6680	6700	6540	6500	6780	6700
RIVER AT NOTUS	11210	11238	11134	11173	11566	11431	11251	11082	11619	11832	11765	12002	12051	12036	12270	12535
TOTALS																

x MIDDLETON CANALS INCLUDE- MIDDLETON IRRIGATION ASSOCIATION & MIDDLETON MILL DITCH CO.
 x EAGLE ISLAND CANALS INCLUDE- LEMP DITCH, CONWAY & HAMMING, THOS. AIKEN, CATLIN & MACE, MART & DAVIS, GRAHAM & GILBERT, WARM SPRING
 x MISCELLANEOUS CANALS INCLUDE- PEEVES, ROSSI MILL, DAVIS, LITTLE DAVIS & JACOBS OR JULIA DAVIS.

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS

CHART NO. 5-A

BY DAYS DURING THE IRRIGATION SEASON OF 1952, INCLUDING STORAGE

MAY

	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0	2606	2774	2774	2774	2774	2774	2774	2774	2746	2802	2802	2802	2802	2847	2830	2830	2830	2830	2830	2830
9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	9	9	9	9	9	10
6	15	15	15	15	15	15	15	14	14	14	14	14	13	13	13	13	13	13	13	13
17	486	485	480	496	483	485	496	496	528	526	537	548	552	557	569	573	582	588	594	591
16	146	166	178	179	167	168	179	186	186	186	186	190	190	190	196	196	197	197	197	197
14	34	34	26	26	26	18	18	18	18	18	24	30	30	36	36	36	36	36	36	36
16	16	17	17	18	19	19	19	19	20	20	21	21	22	22	23	23	23	23	23	23
30	30	30	30	30	30	30	30	30	29	29	29	29	29	31	31	31	31	31	31	31
23	231	231	231	220	220	224	234	235	235	236	237	234	239	240	245	249	247	247	246	246
11	10	10	10	10	10	10	10	12	12	12	14	14	14	16	16	16	16	16	16	16
51	51	51	50	51	52	52	60	60	0	0	66	67	67	67	71	71	70	70	70	71
18	20	20	20	20	21	21	21	17	17	19	19	19	19	19	20	20	21	21	21	21
93	191	191	191	193	195	192	190	190	192	193	193	179	189	191	195	197	199	199	190	190
31	31	39	50	30	29	49	49	48	37	48	37	37	37	37	48	37	68	48	37	37
82	82	74	74	76	84	101	101	101	101	101	101	91	91	82	82	82	85	87	87	87
6	56	56	56	56	56	56	56	56	56	56	56	56	58	58	59	59	59	59	61	61
0	400	408	404	384	391	388	397	439	454	448	438	430	439	439	439	438	444	435	428	423
13	33	34	34	33	33	35	36	39	38	34	36	36	37	37	37	36	38	37	36	37
17	33	37	37	37	37	37	37	34	48	48	48	48	48	48	48	48	65	65	48	48
57	359	359	361	361	361	357	357	357	357	357	354	352	346	346	346	343	354	354	354	354
21	21	23	25	25	25	25	25	25	25	25	25	25	25	25	25	25	21	21	21	21
6	11	11	11	11	11	9	9	9	13	13	13	13	13	6	6	6	11	11	11	11
17	207	221	221	216	216	209	216	210	210	205	211	211	203	203	203	218	221	223	223	223
77	77	73	73	70	70	77	77	83	83	83	77	77	73	73	73	73	70	70	70	70
71	81	81	81	81	81	81	85	85	85	85	85	85	85	85	82	82	82	82	82	82
15	15	15	9	9	9	15	15	21	21	21	21	21	21	21	21	21	21	21	27	27
18	18	18	22	22	22	22	22	22	22	22	22	18	8	18	8	13	18	22	22	22
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
35	5302	5511	5536	5490	5475	5507	5566	5618	5576	5630	5695	5675	5689	5736	5758	5774	5860	5844	5812	5807
00	6700	6540	6500	6780	7060	6700	6040	5720	5720	6040	5730	5320	4190	3240	3260	3340	3470	3710	3240	3150
55	12002	12051	12036	12270	12535	12207	11606	11338	11296	11670	11425	10995	9859	8976	9018	9114	9330	9554	9052	8957

ART & DAVIS, GRAMAM & GILBERT, WARM SPRINGS SLOUGH, JOPLIN & SEVEN SUCKERS.
DAVIS.

OF NOISE VALLEY CANALS

CHART NO. 5-A

SON OF 1952, INCLUDING STORAGE

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
774	2774	2746	2802	2802	2802	2802	2847	2830	2830	2830	2830	2830	2830	86413
9	9	9	9	9	9	10	10	9	9	9	9	9	10	267
15	14	14	14	14	14	13	13	13	13	13	13	13	13	447
496	496	528	526	537	548	552	557	569	573	582	588	594	591	16392
179	186	186	186	186	190	190	190	196	196	197	197	197	197	5510
18	18	18	18	24	30	30	36	36	36	36	36	36	36	946
19	19	20	20	21	21	22	22	23	23	23	23	23	23	578
30	30	29	29	29	29	29	31	31	31	31	31	31	31	938
234	235	235	236	237	234	239	240	245	249	247	247	246	246	7118
10	12	12	12	14	14	14	16	16	16	16	16	16	16	381
60	60	0	0	66	67	67	67	71	71	70	70	70	71	1739
21	17	17	19	19	19	19	19	20	20	21	21	21	21	654
190	190	192	193	193	179	189	191	195	197	199	199	190	190	6171
49	48	37	48	37	37	37	37	48	37	68	48	37	37	1250
101	101	101	101	101	91	91	82	82	82	85	87	87	87	2530
56	56	56	56	56	56	58	58	59	59	59	59	61	61	1736
97	439	454	448	438	430	439	439	439	438	444	435	428	423	13059
36	39	38	34	36	36	37	37	37	36	38	37	36	37	1091
37	34	48	48	48	48	48	48	48	48	65	65	48	48	1384
57	357	357	357	354	352	346	346	346	343	354	354	354	354	10955
25	25	25	25	25	25	25	25	25	25	21	21	21	21	675
9	9	13	13	13	13	13	6	6	6	11	11	11	11	311
16	210	210	205	211	211	203	203	203	218	221	223	223	223	6513
77	83	83	83	77	77	73	73	73	73	70	70	70	70	2309
85	85	85	85	85	85	85	85	82	82	82	82	82	82	2487
15	21	21	21	21	21	21	21	21	21	21	21	27	27	537
22	22	22	22	22	18	8	18	8	13	18	22	22	22	509
29	29	29	29	29	29	29	29	29	29	29	29	29	29	892
56	5618	5576	5630	5695	5675	5689	5736	5758	5774	5860	5844	5812	5807	173792
10	5720	5720	6040	5730	5320	4190	3240	3260	3340	3470	3710	3240	3150	167100
16	11338	11296	11670	11425	10995	9859	8976	9018	9114	9330	9554	9052	8957	340892

SLOUGH, JOPLIN & SEVEN SUCKERS.

DISCHARGE IN SECON
BY DAYS DURING THE IRRIGA

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NEW YORK CANAL (MC #2)	2841	2841	2836	2830	2825	2824	2818	2813	2807	2802	2802	2796	2791	2785	2774	2774
PENITENTIARY	10	11	11	10	10	10	11	11	11	10	6	6	6	6	6	6
RUBB (SOUTH BOISE)	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	14
RIDENBAUGH	586	599	605	608	601	598	598	603	595	595	560	524	515	521	523	519
SETTLERS	197	199	199	199	202	202	202	202	202	202	202	183	183	183	176	182
THURMAN MILL	41	41	42	43	44	45	46	47	48	48	46	46	44	42	38	34
CRUZEN (CONSUMERS)	24	24	24	24	24	24	24	24	24	24	23	23	22	22	21	21
BOISE CITY	30	30	30	31	32	31	31	31	31	31	31	30	30	29	29	31
FARMERS UNION & B.V.	245	245	245	245	246	246	247	247	248	248	249	249	237	238	238	238
NEW UNION	18	18	18	17	17	16	16	16	15	15	15	15	15	15	15	14
NEW DRY CREEK	71	71	72	71	71	71	71	71	70	70	71	71	63	64	64	65
BALLANTINE	19	19	19	19	19	19	19	21	21	21	19	19	19	19	19	19
MIDDLETON CANALS	191	203	201	203	209	214	210	213	219	195	186	169	172	153	165	160
LITTLE PIONEER	37	39	48	0	0	48	60	60	60	60	60	60	60	60	16	48
CANYON COUNTY	77	77	77	77	77	84	84	98	109	109	90	90	90	90	94	94
EAGLE ISLAND CANALS	61	61	61	61	61	61	59	58	58	58	58	58	56	56	56	56
PHILLIS	428	431	431	445	435	436	431	431	427	427	427	419	423	423	415	423
EUREKA #1	36	37	37	37	37	36	37	37	37	37	37	37	37	37	37	37
CALDWELL HIGH LINE	44	46	44	39	39	37	34	34	56	56	56	48	48	44	44	38
SEBREE (FARMERS COOP.)	353	353	353	353	357	357	357	346	349	356	359	346	343	340	337	343
CAMPBELL	21	26	18	21	23	23	23	21	19	18	16	16	16	16	16	14
SIEBENBERG	6	6	6	6	6	6	2	2	2	2	11	15	8	8	6	2
RIVERSIDE #2	212	208	201	232	228	225	223	232	227	171	215	217	205	205	205	205
PIONEER DIXIE	70	70	75	62	66	73	73	70	83	83	71	71	71	71	71	71
EUREKA #2	82	81	85	91	95	105	110	110	110	85	100	91	82	82	35	35
UPPER CENTER POINT	32	32	32	29	29	29	24	18	20	15	11	13	11	9	0	0
LOWER CENTER POINT	22	22	22	24	24	24	24	24	24	24	24	24	22	22	22	22
MISCELLANEOUS	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30
TOTAL CANAL DIVERSIONS	5797	5827	5835	5820	5820	5888	5878	5884	5917	5807	5790	5681	5615	5585	5467	5495
RIVER AT NOTUS	3020	2920	3090	3220	3350	3790	3990	4170	4580	4430	5280	3990	2920	2020	1860	1740
TOTALS	8817	8747	8925	9040	9170	9678	9868	10054	10497	10237	11070	9671	8535	7605	7327	7235

MIDDLETON CANALS INCLUDE- MIDDLETON IRRIGATION ASSOCIATION & MIDDLETON MILL DITCH CO.
EAGLE ISLAND CANALS INCLUDE - LEMP DITCH, CONWAY & HAMMING, THOS. AIKEN, CATLIN & MACE, HART & DAVIS, GRAMAM & GILBERT, WARM SPI
MISCELLANEOUS CANALS INCLUDE- MEYER, ROSSI MILL, DAVIS, LITTLE DAVIS & JACOB OR JULIA DAVIS.

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS

CHART NO. 5-B

BY DAYS DURING THE IRRIGATION SEASON OF 1952, INCLUDING STORAGE

JUNE

	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
2	2796	2791	2785	2774	2774	2768	2763	2763	2757	2757	2751	2744	2738	2738	2732	2732	2729	2729	2724	83384
6	6	6	6	6	6	6	6	6	10	10	10	10	10	10	10	9	9	9	9	265
5	15	15	15	15	14	14	14	14	14	14	14	15	15	15	15	15	15	15	14	434
0	524	515	521	523	519	553	561	575	570	573	577	573	571	554	547	546	542	544	541	16977
2	183	183	183	176	182	187	189	189	191	191	190	190	189	189	189	183	182	176	175	5725
16	46	44	42	38	34	30	30	34	38	42	42	45	45	43	41	39	37	35	35	1231
23	23	22	22	21	21	21	21	21	21	21	21	21	21	21	21	18	18	16	16	650
11	30	30	29	29	31	32	32	32	32	32	32	33	32	33	33	33	32	29	29	934
19	249	237	238	238	238	242	244	246	246	245	245	245	243	244	244	243	0	0	0	6598
15	15	15	15	15	14	14	14	12	12	12	12	12	12	9	9	9	9	9	10	410
71	71	63	64	64	65	65	73	73	73	73	0	0	0	0	0	0	50	50	57	1621
19	19	19	19	19	19	19	19	20	20	20	20	20	20	19	19	18	17	16	15	572
86	169	173	153	165	160	166	165	192	193	201	197	197	195	196	196	191	187	187	189	5716
60	60	60	60	16	48	48	0	16	48	48	48	48	28	29	29	29	29	38	37	1191
90	90	90	90	94	94	93	84	84	61	71	77	77	84	88	84	80	80	80	79	2539
58	58	56	56	56	56	56	56	56	56	56	56	56	59	59	59	59	59	59	59	1744
27	419	423	423	415	423	437	447	338	428	416	418	408	399	405	392	392	385	385	367	12469
37	37	37	37	37	37	35	37	16	38	40	38	38	38	39	38	38	38	38	38	1099
56	48	48	44	44	38	34	34	44	42	42	48	48	48	44	42	42	42	42	42	1295
59	346	343	340	337	343	343	354	348	343	354	357	357	359	359	359	359	357	354	351	10556
16	16	16	16	16	14	16	13	18	18	18	18	18	17	17	17	17	19	19	19	551
11	15	8	8	6	2	2	0	13	13	13	13	11	8	8	10	10	11	11	13	230
15	217	205	205	205	205	272	291	193	221	239	223	217	211	215	244	229	231	227	239	6663
71	71	71	71	71	71	0	0	65	71	73	73	83	83	83	70	83	81	73	71	2060
100	91	82	82	35	35	51	44	35	67	85	81	81	81	81	86	86	91	91	91	2430
11	13	11	9	0	0	0	7	3	11	24	15	21	21	21	22	32	32	32	32	587
24	24	22	22	22	22	22	16	9	9	9	9	9	9	12	12	18	18	24	24	570
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	895
90	5681	5615	5585	5467	5495	5556	5544	5445	5633	5709	5615	5607	5560	5561	5551	5540	5330	5318	5300	169375
80	3998	2920	2020	1860	1740	1660	1510	1030	880	848	940	965	956	982	965	914	948	1100	1150	69138
70	9671	8535	7685	7327	7235	7216	7054	6475	6433	6557	6555	6572	6516	6543	6516	6454	6278	6418	6450	238513

ART & DAVIS, GRAHAM & GILBERT, WARM SPRINGS SLOUGH, JOPLIN & SEVEN SUCKERS,
 DAVIS.

CHARGE IN SECOND FEET, OF BOISE VALLEY CANALS

CHART NO. 5-8

URING THE IRRIGATION SEASON OF 1952, INCLUDING STORAGE

JUNE

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
5	2774	2774	2768	2763	2763	2757	2757	2751	2744	2738	2738	2732	2732	2729	2729	2724	83384
5	6	6	6	6	6	10	10	10	10	10	10	10	9	9	9	9	265
5	15	14	14	14	14	14	14	14	15	15	15	15	15	15	15	14	434
1	523	519	553	561	575	570	573	577	573	571	554	547	546	542	544	541	16977
3	176	182	187	189	189	191	191	190	190	189	189	189	183	182	176	175	5725
2	38	34	30	30	34	38	42	42	45	45	43	41	39	37	35	35	1231
2	21	21	21	21	21	21	21	21	21	21	21	21	18	18	16	16	650
9	29	31	32	32	32	32	32	32	33	32	33	33	33	32	29	29	934
8	230	238	242	244	246	246	245	245	245	243	244	244	243	0	0	0	6598
5	15	14	14	14	12	12	12	12	12	12	9	9	9	9	9	10	410
4	64	65	65	73	73	73	73	0	0	0	0	0	0	50	50	57	1621
9	19	19	19	19	20	20	20	20	20	20	19	19	18	17	16	15	572
3	165	160	166	165	192	193	201	197	197	195	196	196	191	187	187	189	5716
0	16	48	48	0	16	48	48	48	48	28	29	29	29	38	37		1191
0	94	94	93	84	84	61	71	77	77	84	88	84	80	80	80	79	2539
6	56	56	56	56	56	56	56	56	56	59	59	59	59	59	59	59	1744
3	415	423	437	447	338	428	416	418	408	399	405	392	392	385	385	367	12469
7	37	37	35	37	16	38	40	38	38	38	39	38	38	38	38	38	1099
4	44	38	34	34	44	42	42	48	48	48	44	42	42	42	42	42	1295
0	337	343	343	354	348	343	354	357	357	359	359	359	359	357	354	351	10556
6	16	14	16	13	18	18	18	18	18	17	17	17	17	19	19	19	551
8	6	2	2	0	13	13	13	13	11	8	8	10	10	11	11	13	230
5	205	205	272	291	193	221	239	223	217	211	215	244	229	231	227	239	6663
1	71	71	0	0	65	71	73	73	83	83	83	70	83	81	73	71	2060
2	35	35	51	44	35	67	85	81	81	81	81	86	86	91	91	91	2430
9	0	0	0	7	3	11	24	15	21	21	21	32	32	32	32	32	587
2	22	22	22	16	9	9	9	9	9	9	12	12	18	18	24	24	570
3	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	895
5	5467	5495	5556	5544	5445	5633	5709	5615	5607	5560	5561	5551	5540	5330	5310	5300	169375
0	1860	1740	1660	1510	1030	800	848	940	965	956	982	965	914	948	1100	1150	69138
5	7327	7235	7216	7054	6475	6433	6557	6555	6572	6516	6543	6516	6454	6270	6410	6450	238513

& GILBERT, WARM SPRINGS SLOUGH, JOPLIN & SEVEN SUCKERS.

DISCHARGE IN S
BY DAYS DURING THE

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK CANAL (MC # 2)	2852	2830	2819	2830	2830	2623	2628	2606	2640	2595	2595	2718	2718	2718	2707
PRISONARY	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
BOB (SOUTH BOISE)	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13
WIDENBACH	541	561	559	571	570	581	583	573	587	582	589	590	589	594	594
SETTLERS	169	169	175	175	185	190	189	188	190	189	188	191	190	190	189
THORP HILL	34	34	33	33	33	32	30	30	30	30	31	31	32	34	34
CENTER (CONSUMERS)	18	18	18	18	19	19	19	19	19	19	19	20	20	22	22
BOISE CITY	30	30	31	31	33	31	29	31	31	32	32	32	30	31	32
FARMERS UNION & B. V.	85	228	245	245	244	247	248	248	248	249	252	254	254	254	254
NEW UNION	10	10	12	12	14	14	16	16	16	16	16	18	18	20	20
NEW DRY CREEK	64	63	63	62	69	68	67	67	67	67	0	0	0	50	56
BULLANTINE	14	13	12	11	10	9	8	8	8	8	12	16	20	20	17
MIDDLETON CANALS	190	183	187	191	191	203	211	211	208	203	201	202	178	179	180
LITTLE PIONEER	48	37	37	37	48	37	55	53	67	67	67	54	32	31	38
CANYON COUNTY	79	79	84	84	84	93	93	93	87	87	93	93	101	107	107
SEASIDE ISLAND CANALS	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
MILLS	369	376	377	400	405	402	405	426	426	436	450	418	413	413	395
DIXIE # 1	38	38	39	37	35	35	35	38	38	34	34	38	35	37	35
CALDWELL HIGH LINE	42	42	37	37	37	37	35	37	56	48	48	48	48	46	48
SEBEE (FARMERS COOP.)	343	335	332	335	332	337	337	337	338	338	341	347	347	351	354
CORPUS	19	21	21	21	19	19	17	17	14	16	18	21	21	21	23
STENBERG	15	6	9	5	5	6	6	9	9	9	9	12	12	12	18
RIVERSIDE # 2	233	234	240	222	212	226	203	237	221	213	221	241	241	223	237
PIONEER DIXIE	71	64	64	64	64	64	57	57	55	55	57	57	57	63	63
DIXIE # 2	0	0	0	0	0	0	95	98	101	81	84	85	105	103	103
UPPER CENTER POINT	32	16	0	0	0	0	32	32	32	17	18	22	32	32	32
LOWER CENTER POINT	24	30	30	30	30	24	24	24	24	22	18	18	18	11	11
MISCELLANEOUS	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
TOTAL CANAL DIVERSIONS	5439	5536	5543	5570	5588	5416	5541	5579	5631	5532	5512	5645	5630	5680	5685
RIVER AT NOTUS	1020	897	728	596	549	480	444	328	288	199	149	194	315	319	277
TOTALS	6459	6433	6271	6166	6137	5896	5985	5907	5919	5731	5661	5839	5945	5999	5943

MIDDLETON CANALS INCLUDE - MIDDLETON IRRIGATION ASSOCIATION & MIDDLETON MILL DITCH CO.
 SEASIDE ISLAND CANALS INCLUDE - LEMP DITCH, CONWAY & HAMMING, THOS. AIKEN, CATLIN & PAGE, HART & DAVIS, GRAHAM & GILBERT, HARRIS & DAVIS.
 MISCELLANEOUS CANALS INCLUDE - REYES, ROSSI HILL, DAVIS, LITTLE DAVIS & JACOBS OR JULIA DAVIS.

DISCHARGE IN CUBIC FEET, OF BRIDE VALLEY CANAL

TABLE NO. 2-2

BY DAYS DURING THE IRRIGATION SEASON OF 1912, INCLUDING STORAGE

JULY

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2718	2718	2718	2717	2691	2651	2626	2601	2572	2572	2548	2541	2481	2395	2319	2277	2212	2165	2142	2252
9	9	9	9	9	9	9	9	9	10	10	11	11	11	11	11	10	9	10	9
14	14	13	13	13	13	13	13	13	13	13	12	12	12	12	12	11	11	11	11
550	540	534	534	540	557	552	540	531	523	513	505	473	453	440	428	413	400	398	440
181	190	190	189	181	167	167	166	161	155	142	131	120	108	100	90	80	77	77	120
31	32	34	34	32	32	30	28	26	26	26	26	26	28	31	31	31	31	31	31
20	20	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20
32	30	31	32	32	32	31	32	32	32	32	32	33	32	32	32	33	33	33	33
254	254	254	254	254	254	254	254	254	252	252	244	252	252	240	240	248	240	221	221
18	18	20	20	18	18	18	18	16	15	15	11	13	13	13	13	14	14	14	14
8	8	50	54	66	63	63	63	61	61	61	59	57	59	50	50	50	52	52	52
14	20	20	20	17	17	17	16	16	14	14	14	14	14	14	17	19	19	19	19
202	170	170	160	170	170	171	167	162	170	170	170	165	171	170	170	171	170	171	167
54	32	31	30	30	27	26	25	24	20	20	24	42	33	42	42	34	33	23	21
53	101	107	107	99	90	101	101	101	101	105	100	81	65	80	85	74	74	74	74
63	63	63	63	60	60	60	60	60	62	62	62	62	62	62	62	62	62	62	62
414	412	413	295	294	291	291	287	283	269	269	265	258	254	257	242	230	213	204	250
38	35	37	35	35	35	35	34	33	33	33	33	33	34	34	27	27	24	31	34
46	46	46	46	44	46	46	39	39	30	30	30	30	30	30	27	27	23	23	27
247	247	251	254	257	257	257	257	257	257	257	257	253	251	253	251	248	248	244	242
21	21	21	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24	24
12	12	12	14	14	14	21	21	14	16	17	17	11	11	9	9	6	6	6	6
241	241	223	227	252	243	229	213	213	200	205	205	205	201	205	205	213	213	223	223
57	57	63	63	63	63	63	63	63	71	71	71	71	71	71	71	71	71	71	71
85	105	103	103	101	95	94	10	85	85	85	83	82	100	100	100	100	100	100	100
22	32	32	32	32	32	20	20	14	14	14	14	17	16	16	12	12	9	9	9
18	18	11	11	11	11	11	11	11	14	14	14	14	14	14	14	14	14	14	14
23	23	23	23	23	23	23	23	23	23	23	21	21	21	21	21	21	21	27	28
5445	5420	5430	5432	5416	5364	5351	5305	5294	5472	5370	5327	5417	5414	5340	5291	5290	5403	5374	5467
154	215	219	202	277	254	237	247	270	265	292	307	306	267	268	257	270	260	240	224
5829	5845	5810	5874	5843	5838	5792	5752	5708	5757	5405	5434	5717	5405	5409	5534	5500	5423	5314	5295

DISCHARGE IN SECOND

BY DAYS DURING THE IRRIGA

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NEW YORK CANAL (MC #2)	2472	2420	2410	2410	2420	2399	2472	2430	2410	2493	2488	2662	2640	2617	2561	2606
PENITENTIARY	10	10	10	8	8	7	8	8	8	8	8	8	10	11	10	12
RUBB (SOUTH BOISE)	10	10	10	8	8	8	8	8	8	8	13	13	13	13	13	13
RIDENBAUGH	555	555	546	550	552	552	552	556	564	571	574	559	562	566	567	571
SETTLERS	176	175	176	175	175	173	173	171	169	170	168	167	168	170	171	173
THURMAN HILL	29	25	23	22	22	22	23	24	25	26	27	27	28	28	29	30
CRUTEN (CONSUMERS)	21	21	21	20	20	20	20	20	20	20	19	19	19	19	19	19
BOISE CITY	33	33	31	31	32	32	32	32	32	32	33	33	31	25	25	26
FARMERS UNION & B. V.	200	100	000	100	217	236	236	236	236	236	230	230	230	230	230	230
NEW UNION	12	12	12	12	12	12	14	14	16	16	17	17	17	16	16	14
NEW DRY CREEK	50	50	50	50	50	48	48	48	48	48	48	58	52	52	52	52
BALLANTINE	20	20	20	20	18	18	18	18	14	14	12	12	18	18	18	18
MIDDLETON CANALS	438	159	156	163	160	129	135	136	127	127	127	128	125	107	109	109
LITTLE PIONEER	24	34	56	29	26	26	26	19	13	8	33	33	43	34	32	32
CANYON COUNTY	76	76	76	76	77	77	70	65	60	60	78	84	78	60	60	60
EAGLE ISLAND CANALS	59	59	56	56	56	51	51	51	46	46	46	46	46	46	46	46
MYLLIS	348	348	340	339	336	339	335	333	333	332	336	290	349	349	350	349
EUREKA #1	31	31	28	28	31	31	25	25	25	25	24	15	25	26	27	28
CALDWELL HIGH LINE	42	42	42	38	37	37	37	37	37	37	37	37	37	37	27	27
SEBREE (FARMERS COOP.)	341	340	338	340	330	329	322	321	322	321	319	317	317	316	305	314
CAMPBELL	25	25	25	25	26	26	26	26	25	25	25	24	24	24	24	16
SIEBENBERG	9	9	9	15	15	15	15	15	13	13	13	13	12	12	12	12
RIVERSIDE # 2	233	245	245	239	225	229	236	211	188	200	200	203	203	200	200	198
PIONEER DIXIE	71	71	71	71	71	71	64	64	64	64	64	57	57	52	52	52
EUREKA # 2	95	95	85	85	91	83	87	87	81	83	85	85	77	77	77	77
UPPER CENTER POINT	13	13	15	15	15	14	14	16	18	18	18	18	0	22	26	22
LOWER CENTER POINT	23	23	23	23	23	27	27	27	18	18	18	18	18	24	24	24
MISCELLANEOUS	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
TOTAL CANAL DIVERSIONS	5140	5023	4898	4972	5077	5035	5098	5022	4944	5043	5084	5197	5223	5175	5106	5154
RIVER AT NOTUS	185	170	178	180	141	134	154	138	138	145	149	156	152	128	152	147
TOTALS	5325	5193	5076	5152	5218	5169	5252	5160	5082	5188	5233	5353	5375	5303	5258	5301

MIDDLETON CANALS INCLUDE - MIDDLETON IRRIGATION ASSOCIATION & MIDDLETON HILL DITCH CO.
 EAGLE ISLAND CANALS INCLUDE - LEMP DITCH, CONWAY & HAMMING, THOS. AIKEN, CATLIN & MACE, HART & DAVIS, GRAHAM & GILBERT, HARM SP
 MISCELLANEOUS CANALS INCLUDE - MEEVES, ROSSI HILL, DAVIS, LITTLE DAVIS & JACOBS OR JULIA DAVIS.

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1952, INCLUDING STORAGE

AUGUST

	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
8	2662	2640	2617	2561	2606	2595	2584	2584	2623	2645	2690	2679	2679	2701	2712	2701	2712	2729	2690	2674
8	8	10	11	10	12	11	9	9	9	9	9	9	9	9	9	9	9	9	9	9
3	13	13	13	13	13	13	13	13	13	13	13	13	10	10	10	10	10	10	8	8
14	559	562	566	567	571	564	560	560	463	467	466	464	456	458	452	463	460	460	457	457
18	167	168	170	171	173	173	173	173	172	148	147	148	146	146	145	146	146	146	144	143
27	27	28	28	29	30	31	32	32	32	31	31	30	30	29	29	29	28	28	27	27
19	19	19	19	19	19	19	18	18	18	18	18	18	17	17	17	17	17	17	17	17
33	33	31	25	25	26	26	27	26	25	26	26	26	26	26	26	26	26	26	25	26
30	230	230	230	230	230	229	229	229	221	221	219	218	216	215	214	206	205	204	203	202
17	17	17	16	16	14	14	14	14	14	14	14	14	14	14	15	15	15	12	12	12
48	58	52	52	52	52	52	50	59	59	59	61	61	61	61	54	54	54	54	54	54
12	12	18	18	18	18	19	19	19	19	19	19	19	16	16	13	15	15	14	14	12
127	128	125	107	109	109	107	105	105	111	108	108	108	107	107	104	109	111	111	98	96
33	33	43	34	32	32	33	33	32	32	32	32	37	37	37	37	37	37	37	37	37
78	84	78	60	60	60	71	64	68	68	68	68	68	68	68	65	65	65	61	52	52
46	46	46	46	46	46	46	46	46	46	42	42	42	42	42	42	42	42	42	39	37
336	290	349	349	350	349	347	345	352	344	342	343	352	351	358	361	361	357	351	344	333
24	15	25	26	27	28	28	30	29	28	28	29	29	30	30	25	25	27	26	26	24
37	37	37	37	27	27	27	22	22	27	27	32	32	32	32	26	32	32	32	32	32
319	317	317	316	305	314	317	321	321	324	324	314	321	324	321	321	324	321	321	317	317
25	24	24	24	24	16	16	16	16	16	16	16	14	14	14	12	12	12	12	12	12
13	13	12	12	12	12	12	8	8	8	9	9	8	8	14	14	14	15	15	15	15
200	203	203	200	200	198	198	198	252	250	186	188	188	192	175	181	185	182	183	183	183
64	57	57	52	52	52	52	52	0	0	64	64	64	64	71	71	67	69	69	69	69
85	85	77	77	77	77	77	77	77	76	81	83	81	83	87	87	91	87	85	85	85
18	18	0	22	26	22	22	26	26	26	32	26	26	24	21	20	19	22	22	22	22
18	18	18	24	24	24	24	18	18	18	18	12	12	12	12	12	18	18	18	18	18
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	23	23
5084	5197	5223	5175	5106	5154	5147	5113	5132	5066	5071	5103	5105	5092	5115	5098	5116	5117	5118	5032	4996
149	156	152	128	152	147	128	122	94	107	116	128	103	107	118	109	126	154	152	128	141
5233	5353	5375	5303	5258	5301	5275	5235	5286	5173	5187	5231	5208	5199	5233	5207	5242	5271	5270	5160	5137

1, MARY & DAVIS, GRAHAM & GILBERT, WARM SPRINGS SLOUGH, JOPLIN & SEVEN SUCKERS.
 1A DAVIS.

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS

DAYS DURING THE IRRIGATION SEASON OF 1952, INCLUDING STORAGE

AUGUST

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
3																			
40	2617	2561	2606	2595	2584	2584	2623	2645	2690	2679	2679	2701	2712	2701	2712	2729	2690	2674	79908
10	11	10	12	11	9	9	9	9	9	9	9	9	9	9	9	9	9	9	281
13	13	13	13	13	13	13	13	13	13	13	13	10	10	10	10	10	8	8	331
62	566	567	571	564	560	560	463	467	466	464	456	458	452	463	460	460	457	457	16159
68	170	171	173	173	173	173	172	148	147	148	146	146	145	146	146	146	144	143	5046
28	28	29	30	31	32	32	32	31	31	30	30	29	29	29	28	28	27	27	856
19	19	19	19	19	18	18	18	18	18	18	17	17	17	17	17	17	17	17	580
31	25	25	26	26	27	26	25	26	26	26	26	26	26	26	26	26	25	26	882
30	230	230	230	229	229	229	221	221	219	218	216	215	214	206	205	204	203	202	6408
17	16	16	14	14	14	14	14	14	14	14	14	14	14	15	15	15	12	12	436
52	52	52	52	52	50	59	59	59	61	61	61	61	54	54	54	54	54	54	1651
18	18	18	18	19	19	19	19	19	19	19	16	16	13	15	15	14	14	12	524
25	107	109	109	107	105	105	111	108	108	108	107	107	104	109	111	111	98	96	3728
43	34	32	32	33	33	32	32	32	32	37	37	37	37	37	37	37	37	37	995
78	60	60	60	71	64	68	68	68	68	68	68	68	65	65	65	61	52	52	2104
46	46	46	46	46	46	46	46	42	42	42	42	42	42	42	42	42	39	37	1445
49	349	350	349	347	345	352	344	342	343	352	351	358	361	361	357	351	344	333	10647
25	26	27	28	28	30	29	28	28	29	29	30	30	25	25	27	26	26	24	839
37	37	27	27	27	22	22	27	27	32	32	32	32	26	32	32	32	32	32	1027
17	316	305	314	317	321	321	324	324	314	321	324	321	321	324	321	321	317	317	10000
24	24	24	16	16	16	16	16	16	16	14	14	14	12	12	12	12	12	12	601
12	12	12	12	12	8	8	8	9	9	8	8	14	14	14	15	15	15	15	374
03	200	200	198	198	198	252	250	186	188	188	192	175	181	185	182	183	183	183	6379
57	52	52	52	52	52	0	0	64	64	64	64	71	71	67	69	69	69	69	1861
77	77	77	77	77	77	77	76	81	83	81	83	87	87	91	87	85	85	85	2592
0	22	26	22	22	26	26	26	32	26	26	24	21	20	19	22	22	22	22	613
18	24	24	24	24	18	18	18	18	12	12	12	12	12	18	18	18	18	18	604
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	23	23	741
23	5175	5106	5154	5147	5113	5132	5066	5071	5103	5105	5092	5115	5098	5116	5117	5118	5032	4996	157612
52	128	152	147	128	122	94	107	116	128	103	107	118	109	126	154	152	128	141	4280
75	5303	5258	5301	5275	5235	5226	5173	5187	5231	5208	5199	5233	5207	5242	5271	5270	5160	5137	161892

, GRAHAM & GILBERT, WARM SPRINGS SLOUGH, JOPLIN & SEVEN SUCKERS.

DISCHARGE IN SECOND
BY DAYS DURING THE IRRIGATION

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	SE
NEW YORK CANAL (MC # 2)	2673	2431	2410	2379	2286	2276	2212	2102	1985	1995	1975	1995	1985	1846	1827	1781	
PENITENTIARY	10	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	
BURB (SOUTH BOISE)	7	7	7	7	7	5	5	5	8	12	12	12	11	11	8	8	
RIDENBAUGH	460	454	452	455	462	465	458	458	441	437	441	404	420	432	390	392	
SETTLERS	143	143	143	143	143	143	143	124	124	109	109	109	109	109	95	95	
THURMAN MILL	26	26	26	24	24	22	22	20	20	20	20	20	20	18	18	18	
CRUZEN (CONSUMERS)	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	
BOISE CITY	25	25	25	25	25	25	25	25	25	25	25	25	24	24	24	24	
FARMERS UNION & B. V.	175	179	181	181	181	181	184	178	178	178	178	170	163	163	163	164	
NEW UNION	12	12	11	11	10	10	10	9	9	9	9	9	8	8	8	8	
NEW DRY CREEK	53	53	53	53	52	52	52	43	43	43	43	34	34	33	33	33	
BALLANTINE	11	11	9	9	9	9	9	9	11	11	11	11	11	11	9	9	
X MIDDLETON CANALS	96	93	98	100	100	101	100	100	104	104	107	108	105	95	88	87	
LITTLE PIONEER	41	39	24	24	24	40	31	31	32	32	32	38	0	0	0	0	
CANYON COUNTY	52	52	53	53	53	53	59	59	59	58	57	57	57	57	54	54	
X EAGLE ISLAND CANALS	38	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	
PHYLLIS	326	319	308	290	296	306	297	287	255	233	207	190	144	154	140	140	
EUREKA # 1	24	21	25	25	21	21	21	21	21	22	21	22	22	18	19	19	
CALDWELL HIGH LINE	37	32	25	32	32	32	32	32	37	37	37	37	37	37	42	42	
SEBREE (FARMERS COOP.)	317	317	321	321	321	317	317	291	291	267	267	267	267	267	267	262	
CAMPBELL	14	14	14	14	16	16	16	16	18	18	18	18	18	18	18	18	
SIEBENBERG	15	8	8	8	8	8	11	11	11	11	8	8	8	8	11	11	
RIVERSIDE # 2	185	187	195	195	195	199	203	211	211	211	217	215	205	205	197	197	
PIONEER DIXIE	69	69	69	69	69	69	69	69	69	69	67	67	67	67	67	67	
EUREKA # 2	85	85	81	81	81	77	77	77	77	77	77	77	77	77	77	35	
UPPER CENTER POINT	21	21	21	21	21	15	15	15	9	4	4	4	15	21	21	21	
LOWER CENTER POINT	18	18	18	18	18	18	18	18	18	18	11	11	11	9	9	9	
MISCELLANEOUS	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
TOTAL CANAL DIVERSIONS	4971	4700	4660	4621	4537	4543	4469	4295	4140	4084	4037	3992	3902	3771	3668	3577	
RIVER AT NOTUB	168	173	196	216	216	234	347	599	752	832	897	931	888	832	816	824	
TOTALS	5139	4873	4856	4837	4753	4777	4816	4894	4892	4916	4934	4923	4790	4603	4484	4401	

X MIDDLETON CANALS INCLUDE - MIDDLETON IRRIGATION ASSOCIATION & MIDDLETON MILL DITCH CO.
 X EAGLE ISLAND CANALS INCLUDE - LEMP DITCH, CONWAY & HAMMING, THOS. AIKEN, CATLIN & FACE, HART AND DAVIS, GRAHAM & GILBERT, WARM SP
 X MISCELLANEOUS CANALS INCLUDE - FRYES, ROSSI MILL, DAVIS, LITTLE DAVIS & JACOBS OR JULIA DAVIS.

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS

CHART NO. 5-E

BY DAYS DURING THE IRRIGATION SEASON OF 1952, INCLUDING STORAGE

SEPTEMBER

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1995	1975	1995	1985	1846	1827	1781	1772	1753	1920	1942	1942	1942	1906	1838	1944	2021	1968	1954	1906	1848
9	9	9	9	8	8	8	8	8	7	6	5	6	6	6	6	5	6	6	5	5
12	12	12	11	11	8	8	7	7	7	7	7	7	7	7	6	6	6	6	6	6
437	441	404	420	432	390	392	378	378	378	378	380	388	380	376	379	377	376	391	387	384
109	109	109	109	109	95	95	94	92	92	92	92	90	90	90	90	90	90	90	81	81
20	20	20	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18
25	25	25	24	24	24	24	25	25	24	24	24	24	24	24	24	24	24	24	24	24
178	178	170	163	163	163	164	163	161	161	159	157	161	155	155	155	155	148	148	143	143
9	9	9	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9
43	43	34	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	39
11	11	11	11	11	9	9	9	9	7	7	7	7	7	7	5	5	5	5	5	5
104	107	108	105	95	88	87	86	86	87	86	84	84	84	84	84	84	84	84	84	84
32	32	38	0	0	0	0	0	0	0	0	0	0	0	12	42	42	42	42	42	42
58	57	57	57	57	54	54	52	52	52	52	51	51	51	52	55	55	52	52	52	52
37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
233	207	190	144	154	140	140	144	153	163	172	191	189	200	202	205	202	202	196	196	154
22	21	22	22	18	19	19	17	17	19	20	20	20	21	21	21	21	21	18	18	18
37	37	37	37	37	42	42	42	42	42	42	42	42	37	37	37	37	37	37	42	42
267	267	267	267	267	267	262	262	262	262	257	257	257	257	257	257	257	257	238	238	238
18	18	18	18	18	18	18	21	21	21	18	18	18	16	16	16	16	16	16	16	16
11	8	8	8	8	11	11	13	13	13	13	11	11	11	9	9	9	9	9	9	9
211	217	215	205	205	197	197	199	199	199	191	197	197	197	202	192	192	192	192	192	192
69	67	67	67	67	67	67	63	63	63	63	57	57	57	52	52	52	52	52	52	52
77	77	77	77	77	77	35	35	35	35	52	52	52	52	52	61	61	61	61	61	61
4	4	4	15	21	21	21	21	21	21	21	23	23	23	23	23	23	23	23	23	23
18	11	11	11	9	9	9	9	11	11	18	18	22	22	22	22	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
4084	4037	3992	3902	3771	3668	3577	3554	3541	3718	3754	3769	3782	3749	3708	3819	3886	3823	3796	3734	3637
832	897	931	888	832	816	824	760	705	660	582	536	456	439	406	422	468	549	638	513	353
4916	4934	4923	4790	4603	4484	4401	4314	4246	4378	4336	4305	4238	4188	4114	4241	4354	4372	4434	4247	3990

Co.

FACE, HART AND DAVIS, GRAHAM & GILBERT, WARM SPRINGS SLOUGH, JOPLIN & SEVEN SUCKERS,
JULIA DAVIS.

IN SECOND FEET, OF BOISE VALLEY CANALS

CHART NO. 5-E

THE IRRIGATION SEASON OF 1952, INCLUDING STORAGE

SEPTEMBER

5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
127	1781	1772	1753	1920	1942	1942	1942	1906	1838	1944	2021	1968	1954	1906	1848	60814
8	8	8	8	7	6	5	6	6	6	6	5	6	6	5	5	227
8	8	7	7	7	7	7	7	7	7	6	6	6	6	6	6	224
190	392	378	378	378	378	380	388	380	376	379	377	376	391	387	384	12351
95	95	94	92	92	92	92	90	90	90	90	90	90	90	81	81	3238
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	596
19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	550
24	24	25	25	24	24	24	24	24	24	24	24	24	24	24	24	734
163	164	163	161	161	159	157	161	155	155	155	155	148	148	143	143	4961
8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	277
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	39	1175
9	9	9	9	7	7	7	7	7	7	5	5	5	5	5	5	250
88	87	86	86	87	86	84	84	84	84	84	84	84	84	84	84	2771
0	0	0	0	0	0	0	0	12	42	42	42	42	42	42	42	694
54	54	52	52	52	52	51	51	51	52	55	55	52	52	52	52	1618
37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	1112
140	140	144	153	163	172	191	189	200	202	205	202	202	196	196	154	6461
19	19	17	17	19	20	20	20	21	21	21	21	21	18	18	18	615
42	42	42	42	42	42	42	42	37	37	37	37	37	37	42	42	1118
267	262	262	262	262	257	257	257	257	257	257	257	257	238	238	238	8233
18	18	21	21	21	18	18	18	16	16	16	16	16	16	16	16	509
11	11	13	13	13	13	11	11	11	9	9	9	9	9	9	9	301
197	197	199	199	199	191	197	197	197	202	192	192	192	192	192	192	5961
67	67	63	63	63	63	57	57	57	52	52	52	52	52	52	52	1879
77	35	35	35	35	52	52	52	52	52	61	61	61	61	61	61	1949
21	21	21	21	21	21	23	23	23	23	23	23	23	23	23	23	563
9	9	9	11	11	18	18	22	22	22	22	18	18	18	18	18	485
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	571
3668	3577	3554	3541	3718	3754	3769	3782	3749	3708	3819	3886	3823	3796	3734	3637	120237
816	824	760	705	660	582	536	456	439	406	424	468	549	638	513	353	16408
4484	4401	4314	4246	4378	4336	4305	4238	4188	4114	4241	4354	4372	4434	4247	3990	136645

& GILBERT, WARM SPRINGS SLOUGH, JOPLIN & SEVEN SUCKERS.

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1952

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	TOTALS
BOARD OF CONTROL (MC #2)	79840	172826	166768	162483	159816	121618	863356
PENITENTIARY	66	534	530	536	562	454	2732
BURR (SOUTH BOISE)	212	894	868	806	662	448	3890
RIDENBAUGH	12502	32784	33954	35482	32318	24702	171742
SETTLERS	2140	11020	11450	11332	10092	6476	52510
THURMAN HILL	488	1892	2462	1898	1712	1192	9644
CONSUMERS	744	1156	1300	1296	1160	1100	6756
BOISE CITY	388	1876	1863	1964	1764	1468	9328
FARMERS UNION	2818	11356	10684	12088	10294	8394	55634
BOISE VALLEY	674	2880	2512	2820	2522	1528	12936
NEW UNION	226	762	820	946	872	554	4180
NEW DRY CREEK	1042	3473	3242	3368	3302	2350	16732
BALLANTINE	334	1308	1144	908	1048	500	5242
MIDDLETON CANALS	3730	12342	11432	11276	7456	5542	51778
LITTLE PIONEER	738	2500	2382	2668	1990	1388	11666
CANYON COUNTY	1136	5060	5073	5656	4208	3236	24374
EAGLE ISLAND CANALS	740	3472	3433	3834	2890	2224	16738
PHYLLIS	4864	26118	24938	23978	21294	12922	114114
EUREKA # 1	244	2132	2193	2150	1674	1230	9682
CALDWELL HIGHLINE	1128	2768	2590	2554	2054	2236	13330
FARMERS COOP.	6828	21910	21112	21506	20000	16466	107814
CAMPBELL (CANYON)	180	1350	1102	1316	1202	1018	6168
SIEGENBERG	126	622	460	714	748	602	3272
RIVERSIDE	3268	13026	13326	14178	12758	11922	68478
PIONEER DIXIE	844	4618	4120	4016	3722	3758	21078
EUREKA # 2	1068	4974	4360	4724	5184	3898	24708
UPPER CENTER POINT	224	1074	1174	1146	1226	1126	5970
LOWER CENTER POINT	184	1018	1140	1270	1208	970	5790
MISCELLANEOUS	400	1734	1790	1990	1482	1142	8588
TOTALS	127208	347584	338792	339008	315224	240464	1708280

BOISE RIVER CANAL

APRIL 1ST TO SEPTEMBER

	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924
BOARD OF CONTROL	434,066	589,932	439,904	561,530	531,426	568,746	563,608	553,022	643,878	201,100
NEW YORK STOCK		83,014	54,282	70,226	54,972	60,052	69,512	67,838	71,803	35,100
PENITENTIARY	1,006	1,464	1,452	1,530	2,426	2,580	3,032	2,940	3,100	
BUSSES	3,442	4,344	4,676	4,562	3,542	4,276	3,892	3,212	4,048	2,100
RIDENBAUGH	98,468	103,386	97,080	112,186	101,802	106,712	128,616	120,472	135,908	87,100
SETTLERS	32,168	40,804	32,418	35,552	37,748	41,000	48,384	44,956	47,634	31,100
THIRMAN MILL	10,686	11,112	11,918	9,870	7,954	7,628	7,630	6,686	9,316	7,100
CONSUMERS WATER CORP.	19,946	22,756	17,408	28,748	25,194	25,140	23,530	23,024	19,344	12,100
BOISE CITY	2,552	3,402	2,990	3,162	2,840	888	1,896	2,032	1,530	8,100
FARMERS UNION	34,500	31,804	26,042	32,544	25,110	26,646	41,360	38,982	44,270	24,100
CAPITAL VIEW IRR. DIST.	2,846	2,002	2,022	4,212	4,814	4,392	4,880	4,880	5,368	3,100
BOISE VALLEY		12,936	6,438	11,374	13,296	13,704	14,142	15,416	17,142	14,100
NEW UNION	2,940	3,178	3,902	3,048	2,890	2,496	3,392	3,272	3,934	3,100
NEW DRY CREEK	11,983	12,500	10,466	10,698	11,154	13,972	16,000	16,712	16,922	12,100
BALLANTINE	1,546	2,006	1,752	2,436	3,560	2,882	2,460	3,900	4,226	3,100
MIDDLETON WATER CO.	23,480	21,404	15,982	26,044	21,004	24,332	28,232	31,016	29,582	26,100
MIDDLETON MILL DITCH	14,688	15,094	15,666	15,240	15,106	15,290	15,078	24,190	26,702	13,600
LITTLE PIONEER	5,716	6,620	5,466	5,904	5,966	6,802	5,822	6,632	7,880	6,400
CANYON WATER CO.	15,190	18,034	14,158	16,034	15,254	14,356	21,414	23,218	22,786	18,900
7 EAGLE ISLAND CANALS	11,394	14,164	12,204	14,968	13,196	12,702	13,308	12,212	13,794	11,800
PHYLLIS CANAL	69,324	109,026	108,926	108,282	108,698	104,416	115,540	115,740	125,282	61,300
EUREKA WATER COMPANY	4,578	5,334	3,574	5,226	6,094	5,264	5,166	6,390	5,698	6,600
CALDWELL HIGH LINE	23,004	18,100	18,476	16,110	13,372	12,016	18,678	17,660	15,368	16,200
FARMERS COOP.	63,282	85,544	69,638	84,974	67,628	84,448	94,052	38,650	89,224	39,500
CAMPBELL(CANYON)	3,044	4,614	4,492	4,070	3,706	3,710	4,974	3,924	5,248	3,500
SIEBENBERG	2,806	3,588	2,750	3,428	3,230	3,420	3,508	3,090	3,596	2,100
RIVERSIDE NO. 2	55,240	60,956	48,584	57,268	45,704	53,966	67,906	41,180	54,620	30,700
PIONEER DIXIE	5,144	5,434	4,384	3,938	5,394	4,822	7,218	4,904	9,440	7,900
EUREKA NO. 2	11,438	10,626	9,170	11,156	12,264	13,334	15,280	15,412	16,402	12,600
UPPER CENTER POINT	3,240	3,262	2,348	3,024	3,276	2,912	2,850	3,472	3,538	3,100
LOWER CENTER POINT	2,262	1,850	1,558	2,542	2,062	3,278	2,852	1,784	2,848	3,000
MISCELLANEOUS	8,852	9,292	8,102	9,930	8,566	8,458	8,610	8,118	9,148	7,000

TOTAL SUMMER DIVERSIONS
APRIL 1 TO SEPTEMBER 30. 978,838 1,217,572 1,058,228 1,279,916 1,176,828 1,254,640 1,361,022 1,305,946 1,469,530 719,100

NEW YORK CANAL DIVERSIONS
OCTOBER 1 TO MARCH 31. 93,356 157,484 163,000 185,000 211,000 164,000 173,000 190,000

IRRIGATION REQUIREMENTS BELOW DIVERSION
DAM DURING OCTOBER 39,100 33,996 27,106 17,806 24,070 35,892 29,432 37,790

AMOUNT PASSING DIVERSION DAM
FROM NOVEMBER 1 TO APRIL 1 170,196 165,570 121,418 137,420 119,294 134,784 96,796 100,410

TOTAL 1,360,880 1,636,966 1,480,352 1,594,886 1,715,386 1,640,622 1,768,758 1,848,030

SUMMER RETURN FLOW 194,850 353,506 314,462 371,632 279,366 232,512 362,928 294,100 344,890 165,160

NATURAL FLOW USED 1,046,418 1,265,334 1,200,986 1,362,354 1,352,458 1,346,522 1,423,868 822,870

COMBINED WITH BOARD OF CONTROL

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

CHART NO. 7

APRIL 1ST TO SEPTEMBER 30TH - BEGINNING 1915

1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
63,608	553,022	643,878	201,622	611,376	375,000	642,770	576,716	574,030	520,146	355,518	735,592	638,114
69,512	67,838	71,808	35,298	60,074	29,836	60,788	51,718	41,366	35,978	24,658		
3,032	2,940	3,100	772	2,122	1,734	1,954	2,144	1,650	1,492	1,474	1,680	1,418
3,892	3,212	4,048	2,818	3,202	2,834	3,348	3,712	3,688	3,558	2,926	5,184	4,212
128,616	120,472	135,908	87,636	135,696	108,210	132,334	132,446	120,884	129,062	102,584	144,474	141,612
48,384	44,956	47,634	31,326	52,862	35,728	47,830	43,340	41,540	35,554	29,674	46,690	45,012
7,630	6,686	9,316	7,244	8,976	8,770	7,972	9,516	9,784	8,748	8,720	8,264	8,412
23,530	23,024	19,344	12,560	12,646	10,190	8,816	8,350	6,808	8,584	8,322	8,236	6,556
1,896	2,032	1,530	8,498	9,582	8,774	9,036	7,300	8,960	8,938	8,484	9,638	10,388
41,360	38,982	44,270	24,426	46,786	22,898	44,984	37,562	33,376	35,482	23,854	31,744	32,132
4,880	4,880	5,368	3,280	4,000	4,434	3,388	4,240	3,100	3,880	3,298	3,354	3,372
14,142	15,416	17,142	14,178	12,720	14,840	16,410	16,778	15,536	16,998	15,608	15,252	15,652
3,392	3,272	3,934	3,592	3,854	3,838	4,292	3,760	3,960	3,558	3,706	3,328	3,504
16,000	16,712	16,922	12,224	18,454	14,276	18,322	17,816	15,970	17,140	11,870	15,524	17,648
2,460	3,908	4,226	3,828	2,580	3,526	3,660	3,574	3,232	3,338	2,918	4,354	3,432
28,232	31,016	29,582	26,108	34,652	23,934	29,816	27,358	21,624	25,942	23,214	23,096	20,018
15,078	24,190	26,702	13,896	28,028	14,266	19,028	19,768	18,036	17,178	13,390	20,590	22,844
5,822	6,632	7,880	6,410	9,418	7,626	7,442	8,899	8,738	8,584	7,608	7,990	9,194
21,414	23,218	22,786	18,912	19,712	18,952	19,672	18,982	18,118	18,958	17,144	19,132	19,872
13,308	12,212	13,794	11,850	13,756	11,530	13,288	12,134	11,448	12,274	11,030	11,714	11,446
115,540	115,740	125,282	61,300	125,588	70,342	105,370	113,842	95,864	109,070	65,170	111,016	140,312
5,166	6,390	5,698	6,600	5,952	6,344	6,434	6,474	5,714	6,800	6,090	6,462	6,370
18,678	17,660	15,368	16,296	14,584	18,938	11,944	14,332	17,556	17,530	18,938	18,562	13,004
94,052	38,650	89,224	39,540	89,020	52,192	91,726	79,274	69,000	84,294	49,120	85,240	78,830
4,974	3,924	5,248	3,556	4,478	3,384	4,658	5,322	3,838	4,526	3,956	4,100	4,886
3,508	3,090	3,596	2,106	3,106	2,796	2,604	2,854	2,580	3,030	2,510	2,422	3,448
67,906	41,180	54,620	30,752	47,454	40,604	63,404	51,036	41,220	46,956	32,014	50,662	41,020
7,218	4,904	9,440	7,996	8,710	7,620	8,140	11,442	8,622	9,296	8,540	7,556	7,938
15,280	15,412	16,402	12,642	11,776	12,052	11,978	12,326	10,110	11,982	10,130	10,210	11,440
2,850	3,472	3,538	3,196	2,468	2,308	1,802	2,756	2,526	2,952	2,668	2,970	2,656
2,052	1,784	2,848	3,042	2,538	2,634	2,238	2,120	3,018	2,622	3,102	2,772	2,812
8,610	8,118	9,148	7,080	8,770	7,680	8,996	8,082	7,582	8,206	7,532	7,492	7,606
1,361,022	1,305,946	1,469,530	719,824	1,414,940	947,230	1,424,452	1,316,162	1,229,658	1,223,286	885,750	1,425,210	1,305,778
211,000	164,000	173,000	190,000	201,000	180,000	182,000	160,270	157,526	175,266	141,956	157,422	125,778
24,070	35,892	29,432	37,796	31,292	37,700	28,750	36,020	41,240	31,840	25,150	26,830	40,838
119,294	134,784	96,796	100,414	103,652	107,282	150,930	234,482	45,018	59,500	50,794	68,384	69,956
715,386	1,640,622	1,768,758	1,048,034	1,750,884	1,272,212	1,786,132	1,746,934	1,473,442	1,489,892	1,103,650	1,677,846	1,542,350
362,928	294,100	344,890	165,164	290,248	171,692	304,290	299,728	227,474	235,746	171,736	343,116	273,076
352,458	1,346,522	1,423,868	822,870	1,460,636	1,100,520	1,481,842	1,447,206	1,245,968	1,254,146	931,914	1,334,730	1,269,274

ER CANAL DIVERSIONS IN ACRE FEET

CHART NO. 7

TO SEPTEMBER 30TH - BEGINNING 1915

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
878	201,622	611,376	375,000	642,778	576,716	574,030	520,146	355,518	735,592	638,504
888	35,298	60,074	29,836	60,788	51,718	41,366	35,978	24,658		
100	772	2,122	1,734	1,954	2,144	1,650	1,492	1,474	1,680	1,466
048	2,818	3,202	2,834	3,348	3,712	3,688	3,558	2,926	5,184	4,266
908	87,636	135,696	108,210	132,334	132,446	120,884	129,062	102,584	144,474	141,694
634	31,326	52,862	35,728	47,830	43,340	41,540	35,554	29,674	46,690	45,061
316	7,244	8,976	8,770	7,972	9,516	9,784	8,748	8,720	8,264	8,434
344	12,560	12,646	10,190	8,816	8,350	6,808	8,584	8,322	8,236	6,562
530	8,498	9,582	8,774	9,036	7,300	8,960	8,938	8,484	9,638	10,388
4,270	24,426	46,786	22,898	44,984	37,562	33,376	35,482	23,854	31,744	32,136
5,368	3,280	4,000	4,434	3,388	4,240	3,100	3,880	3,298	3,354	3,374
7,142	14,178	12,720	14,840	16,410	16,778	15,536	16,998	15,608	15,252	15,654
3,934	3,592	3,854	3,838	4,292	3,760	3,960	3,558	3,706	3,328	3,508
6,922	12,224	18,454	14,276	18,322	17,816	15,970	17,140	11,870	15,524	17,648
4,226	3,828	2,530	3,526	3,660	3,574	3,282	3,338	2,918	4,354	3,432
9,582	26,108	34,652	23,934	29,816	27,358	21,624	25,942	23,214	23,096	20,018
6,702	13,896	20,028	14,266	19,028	19,768	18,036	17,178	13,390	20,590	22,844
7,880	6,410	9,418	7,626	7,442	8,899	8,738	8,584	7,608	7,990	9,194
12,786	18,912	19,712	18,952	19,672	18,982	18,118	18,958	17,144	19,132	19,872
13,794	11,850	13,756	11,530	13,288	12,134	11,448	12,274	11,030	11,714	11,446
25,282	61,300	125,588	70,342	105,370	113,842	95,864	109,070	65,178	111,016	110,312
5,698	6,600	5,952	6,344	6,434	6,474	5,714	6,800	6,090	6,462	6,370
15,368	16,296	14,584	18,938	11,944	14,332	17,556	17,530	18,938	18,562	13,004
19,224	39,540	89,020	52,192	91,726	79,274	69,000	84,294	49,120	85,240	78,830
5,248	3,556	4,478	3,384	4,658	5,322	3,838	4,526	3,956	4,100	4,886
3,596	2,106	3,106	2,796	2,604	2,854	2,580	3,030	2,510	2,422	3,448
54,620	30,752	47,454	40,604	63,404	51,036	41,220	46,956	32,014	50,662	41,020
9,440	7,996	8,710	7,620	8,140	11,442	8,622	9,296	8,540	7,556	7,938
16,402	12,642	11,776	12,052	11,978	12,326	10,110	11,982	10,130	10,210	11,440
3,538	3,196	2,468	2,308	1,802	2,756	2,526	2,952	2,668	2,970	2,656
2,848	3,042	2,538	2,634	2,238	2,120	3,018	2,622	3,102	2,772	2,812
9,148	7,080	8,770	7,680	8,996	8,082	7,582	8,206	7,532	7,492	7,686
469,530	719,824	1,414,940	947,230	1,424,452	1,316,162	1,229,658	1,223,286	885,750	1,425,210	1,305,778
73,800	190,000	201,000	180,000	182,000	160,270	157,526	175,266	141,956	157,422	125,778
29,432	37,796	31,292	37,700	28,750	36,020	41,240	31,840	25,150	26,830	40,838
96,796	100,414	103,652	107,282	150,930	234,482	45,018	89,500	50,794	68,384	69,956
768,758	1,048,034	1,750,884	1,272,212	1,786,132	1,746,934	1,473,442	1,489,892	1,103,650	1,677,846	1,542,350
344,890	165,164	290,248	171,692	304,290	299,728	227,474	235,746	171,736	343,116	273,076
423,868	822,870	1,460,636	1,100,520	1,481,842	1,447,206	1,245,968	1,254,146	931,914	1,334,730	1,269,274

BOISE RIVER CANAL

	1934	1935	1936	1937	1938	1939	1940	1941	1942
BOARD OF CONTROL	388154	646960	611988	541832	723112	572374	567126	600416	660248
PENITENTIARY	1672	2358	1998	2164	2132	2006	1746	1582	1570
BUBB	4030	4136	4142	3978	4722	4278	3918	4740	4154
RIBENBAUGH	126502	134870	148178	117806	159302	147684	148658	160804	144804
SETTLERS	34142	42992	43732	36478	48134	43292	40520	46556	43064
THURMAN MILL	10700	10450	8802	9442	10624	11532	9632	9410	11612
CONSUMERS WATER CO	8000	6424	7344	7048	6876	8326	6826	5658	6630
BOISE CITY	10524	9496	8470	8758	9746	9944	9114	10086	9296
FARMERS UNION	28848	29988	29716	28022	35240	33645	26168	35618	35736
CAPITAL VIEW IRR. DIST.	3950	3400	3406	3362	3468	3498	3468	3560	2282
BOISE VALLEY	16468	15254	16034	16038	17506	17631	16274	17494	16676
NEW UNION	4112	4178	4374	4442	4322	4036	3904	4582	3524
NEW DRY CREEK	3764	17350	16110	13638	17830	15252	14502	17978	17752
BALLANTINE	13796	3532	3386	3288	3514	3698	3562	3250	3316
MIDDLETON WATER CO.	23312	20772	22764	26276	31226	31488	33620	34504	30278
MIDDLETON MILL DITCH	16528	21020	22260	15006	17584	15042	15640	14564	13858
LITTLE PIONEER	8762	8974	8424	8802	9762	8318	7044	7920	7108
CANYON WATER CO.	20470	20528	17896	18180	18814	19960	17878	20308	18486
7 EAGLE ISLAND CANALS	11162	11382	14348	10998	12632	12398	10256	12326	12720
PHYLLIS CANAL	85148	97746	100138	83308	111026	98038	92608	104914	93564
EUREKA WATER COMPANY	7624	8174	7662	7318	7262	8406	7576	9340	8402
CALDWELL HIGH LINE	20360	21714	18320	19698	17206	21466	20974	20100	17852
FARMERS COOP.	60256	76344	73100	70164	93592	68918	69200	78736	80164
CAMPBELL (CANYON)	3584	4318	4528	4284	5750	6364	3824	4272	5040
SIEBENBERG	2482	3244	2574	2658	2662	3260	2862	2774	2102
RIVERSIDE	49060	44988	52910	44172	66196	48444	47128	60012	52152
PIONEER DIXIE	10196	7942	8848	8072	10414	13248	12184	11994	13566
EUREKA NO. 2	12650	12588	10158	10864	13586	85256	15416	14750	12896
UPPER CENTER POINT	2288	3024	2584	2688	2452	3472	3538	3764	3588
LOWER CENTER POINT	3962	3010	1630	2552	2436	3944	4596	4898	4196
MISCELLANEOUS	7554	7558	9534	7378	8388	8360	6856	8324	8284
TOTAL SUMMER DIVERSIONS									
APRIL 1 TO SEPTEMBER 30.	1,288,800	1,206,808	1,285,288	1,328,846	1,478,896	1,263,578	1,226,618	1,335,226	1,344,648
NEW YORK CANAL DIVERSIONS									
OCTOBER 1 TO MARCH 31.	166,838	169,168	170,570	153,418	176,440	133,534	172,234	175,014	151,154
IRRIGATION REQUIREMENTS BELOW									
DIVERSION DAM DURING OCTOBER.	37,678	33,142	80,292	26,588	34,398	20,550	19,562	22,856	28,638
AMOUNT PASSING DIVERSION DAM									
FROM NOVEMBER 1 TO APRIL 1.	55,018	51,396	19,088	20,768	85,150	65,456	35,898	29,972	39,348
TOTAL	1,259,594	1,558,410	1,505,308	1,339,488	1,773,584	1,483,118	1,454,312	1,563,068	1,563,798
SUMMER RETURN FLOW	198,518	240,752	265,286	217,436	373,294	835,740	263,936	334,394	281,650
NATURAL FLOW USED	1,061,076	1,317,658	1,240,022	1,122,052	1,400,290	1,247,378	1,190,476	1,228,674	1,282,130
COMBINED WITH BOARD OF CONTROL									
	437,3	2,150,1	275,8	1,874,77					

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET (CONTINUED)

CHART NO. 7-A

1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
126	600416	660248	767530	616514	681738	721472	772628	725750	808420	820502	856926	863356
746	1582	1570	2062	1764	1656	2212	2806	2470	3350	2642	2766	2732
1918	4740	4154	4874	4338	5316	5172	5204	4090	4286	4310	4586	3890
1658	160804	144804	161430	126146	129942	154442	157198	131982	155814	166250	173836	171742
520	46556	43064	50882	40062	42006	47080	49380	43716	52782	52044	53446	52510
7632	9410	11612	9098	9670	11770	9086	10456	9642	8714	10402	10500	9644
5826	5658	6630	6884	5888	7078	6726	6566	5632	6978	6828	5562	6756
7114	10086	9296	9966	8940	8468	9352	9398	7914	9034	9512	10412	9328
6168	35618	35736	38180	29700	32990	38252	38616	30678	43591	51276	58274	46696
3468	3560	2282	2174	2022	2120	2180	2076	2040	2286	2556	2554	2470
16274	17494	16676	15802	13598	14976	17686	16868	15208	18915	18420	13068	19404
3904	4582	3524	3896	3836	4016	3984	4376	3784	3932	4218	5224	4180
4502	17978	17752	18080	17572	20094	19218	18772	15442	19736	19120	19954	16782
3562	3250	3316	3962	3610	3706	4076	5036	4478	4802	5346	5328	5242
3620	34504	30278	38602	39538	29456	28628	27582	25136	30932	29886	32773	31067
5640	14564	13858	16760	11124	14728	19084	18388	16758	20622	19924	21849	20711
7044	7920	7108	7994	7250	9202	10692	10586	8228	9828	11322	10944	11666
7878	20308	18486	19968	18708	19900	20354	21648	18170	19068	23262	23282	24374
0256	12326	12720	11394	12450	12068	13772	13746	13056	14674	15244	15480	16744
12608	104914	93564	117060	85268	84672	107768	107128	98968	112320	116662	113870	114114
7576	9340	8402	8348	7962	8034	8332	9502	7994	8982	9654	10380	9682
20974	20100	17852	17618	20424	20730	18832	16348	13130	14210	14068	14906	13330
59200	78736	80164	98038	70786	77664	93136	85200	79448	82918	93470	102484	107814
3824	4272	5040	5510	4422	5164	5944	5446	4440	5032	5596	6406	6168
2862	2774	2102	2298	2488	2358	2658	2844	3158	2890	2926	3120	3272
47128	60812	52152	54118	41684	48758	43604	50496	69160	54346	68812	69594	68458
12184	11994	13566	12706	15336	15078	13472	16430	12978	18544	18388	21046	21098
15416	14750	12896	16294	11830	14818	19674	23718	20724	22568	25752	25668	24708
3538	3764	3588	3782	4126	4090	4438	4392	4758	5438	5824	5994	5970
4596	4890	4196	3344	4912	3784	3788	4410	5832	5216	5736	5920	5798
6856	8324	8284	7800	7036	7926	7822	7760	7338	8258	8344	8432	8592

5,618 1,335,226 1,344,640 1,535,654 1,248,226 1,344,290 1,462,936 1,525,002 1,412,102 1,578,478 1,644,296 1,714,424 1,708,290

2,234 175,014 151,154 152,266 145,568 151,102 153,260 166,220 149,012 123,492 137,978 133,610 104,267

9,562 22,856 28,638 25,370 25,074 14,858 18,364 22,846 31,464 17,398 6,728 33,224 15,098

5,898 29,972 39,348 437,346 32,026 29,302 69,026 115,740 28,056 204,000 40,612 168,678 651,928
 312 1,563,068 1,563,780 2,150,636 1,451,664 1,539,552 1,703,586 1,829,808 1,620,634 1,923,368 1,829,614 2,049,936 2,479,584
 936 334,394 281,650 275,886 248,672 264,190 291,322 339,546 256,714 330,110 400,206 471,172 494,974
 476 1,228,674 1,282,130 1,874,770 1,202,992 1,275,362 1,412,264 1,490,262 1,363,920 1,593,258 2,229,820 2,521,108 2,974,558

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	DRAINAGE DISTRICT # 3	8	8	8	8	8	8	8	10	10	10	10	10	10	10	10	10
2.	DAVIS DRAIN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3.	THURMAN DRAIN	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4.	BOISE SEWER	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5.	EAGLE DRAIN	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
6.	SOUTH MIDDLETON DRAIN	25	25	25	25	25	28	28	28	28	28	28	28	28	28	28	28
7.	NORTH MIDDLETON DRAIN	13	13	13	13	13	15	15	19	19	24	24	24	24	24	24	24
8.	HARTLY DRAIN	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	11
9.	PHYLLIS WASTE	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10.	MASON CREEK	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11.	WILLOW CREEK	75	75	75	75	71	71	66	66	66	63	63	61	61	61	51	50
12.	MASON DRAIN	27	27	27	27	27	27	27	27	27	27	27	31	31	31	31	35
13.	INDIAN CREEK	42	42	42	42	42	42	42	45	45	45	45	45	45	45	45	45
14.	HARTLEY GULCH	25	25	25	25	25	25	25	25	25	25	25	25	22	22	19	19
TOTAL		271	271	271	271	267	272	267	276	277	278	278	280	277	277	272	280

MAY

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	DRAINAGE DISTRICT # 3	12	12	14	14	15	15	15	15	17	17	17	19	19	19	19	21
2.	DAVIS DRAIN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3.	THURMAN DRAIN	21	21	21	23	23	23	23	25	25	25	25	25	25	25	25	25
4.	BOISE SEWER	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14
5.	EAGLE DRAIN	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
6.	SOUTH MIDDLETON DRAIN	71	76	83	91	102	106	114	125	129	131	136	140	140	141	141	141
7.	NORTH MIDDLETON DRAIN	37	37	39	39	41	43	43	45	45	47	47	49	53	53	53	53
8.	HARTLEY DRAIN	31	31	31	31	31	31	31	31	31	31	31	31	33	33	37	37
9.	PHYLLIS WASTE	6	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8
10.	MASON CREEK	11	11	11	13	13	13	13	15	15	15	15	15	15	15	15	18
11.	WILLOW CREEK	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12.	MASON DRAIN	89	95	111	111	127	139	152	152	171	171	171	171	175	175	177	177
13.	INDIAN CREEK	165	165	165	165	165	165	165	165	171	171	171	175	175	177	177	177
14.	HARTLEY GULCH	31	31	31	31	31	31	33	33	33	33	33	33	33	33	31	31
TOTAL		587	598	625	637	667	685	708	725	756	762	767	779	785	777	779	784

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

CHART NO. 8

IRRIGATION SEASON OF 1951

APRIL

2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	280
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	35
10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	13	18	21	21		337
10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	316
20	20	20	20	20	20	25	29	31	33	35	41	47	50	51	52	53	54	54		895
20	20	20	20	20	20	32	32	32	35	35	35	39	39	39	46	46	53	64		983
24	24	24	24	24	24	24	24	24	24	27	27	27	31	31	31	35	35	35		700
7	7	7	7	11	11	11	15	17	17	19	23	25	27	29	29	29	29	29		426
4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6		132
4	4	4	4	4	4	4	4	4	5	7	7	7	9	9	9	11	11	11		166
61	61	61	58	58	54	52	52	52	48	46	46	46	46	44	44	44	44	44		1727
31	31	31	31	35	35	41	41	41	45	45	52	52	52	64	64	64	79	84		1215
45	45	45	45	45	45	45	56	56	56	56	67	73	84	124	142	151	165	165		1984
25	22	22	19	19	19	19	19	25	25	25	25	31	31	31	31	31	31	31		756
80	277	277	272	280	276	289	303	318	324	331	359	383	406	462	491	510	550	566		9957

MAY

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
19	19	19	19	21	21	21	21	22	22	22	22	22	23	23	23	23	23	23		594
2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3		74
25	25	25	25	25	25	25	25	25	25	25	25	25	25	27	27	27	27	27		767
13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		421
54	54	54	54	54	54	54	53	53	53	55	57	59	61	63	65	65	65	65	65	1751
40	140	141	141	141	139	139	134	134	134	129	129	119	111	106	97	97	101	101	101	3638
49	53	53	53	53	53	52	52	51	51	49	49	47	47	47	47	49	49	52	52	1471
31	33	33	37	37	37	39	39	41	41	45	45	47	47	49	49	49	49	49	49	1187
8	8	8	8	8	8	8	8	10	10	10	10	10	10	12	12	12	12	12	12	266
15	15	15	15	18	18	18	18	18	18	18	18	18	18	18	14	14	14	14	14	473
44	44	44	44	44	44	44	41	41	41	36	36	36	36	36	36	36	49	49	49	1314
71	171	159	159	159	159	151	151	151	143	143	143	143	131	121	104	121	121	139	151	4380
75	175	177	177	177	180	180	180	184	184	184	184	184	187	187	187	187	190	190	190	5492
33	33	33	31	31	27	27	27	27	27	27	27	24	24	24	24	24	24	24	24	893
70	785	777	779	784	781	774	765	774	766	760	762	751	737	730	702	721	741	762	774	22721

TRIBUTARY AND RETURN
IRRIGATION SEAS
JUNE

NO.	NAME OF TRIBUTARY	1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	DRAINAGE DISTRICT # 3	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
2.	DAVIS DRAIN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3.	THURMAN DRAIN	29	29	29	29	29	29	29	29	29	31	31	31	31	31	31	31
4.	BOISE SEWER	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5.	EAGLE DRAIN	64	64	64	63	63	62	62	62	60	60	60	59	59	59	58	58
6.	SOUTH MIDDLETON DRAIN	103	105	111	111	116	125	136	145	150	150	150	146	146	135	121	116
7.	NORTH MIDDLETON DRAIN	56	56	62	62	68	75	83	83	91	91	91	88	83	77	74	67
8.	HARTLY DRAIN	51	51	53	55	57	57	57	59	59	64	64	59	55	50	50	50
9.	PHYLLIS WASTE	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
10.	MASON CREEK	14	14	14	14	14	14	14	12	12	12	10	10	10	10	10	10
11.	WILLOW CREEK	53	53	55	55	55	53	51	47	47	45	45	45	45	45	45	40
12.	MASON DRAIN	156	161	161	167	173	173	173	173	173	173	173	169	169	161	161	1
13.	INDIAN CREEK	196	198	218	215	211	206	218	225	238	218	218	220	242	238	225	225
14.	HARTLEY GULCH	24	24	24	24	24	24	27	27	27	27	27	27	27	27	23	2
TOTAL		798	807	843	847	862	870	902	919	938	923	921	910	919	893	854	81

NO.	NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	JULY 15	16	17
1.	DRAINAGE DISTRICT # 3	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	23	23
2.	DAVIS DRAIN	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3.	THURMAN DRAIN	28	28	28	28	28	31	31	31	31	31	31	31	31	31	34	34	34
4.	BOISE SEWER	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14
5.	EAGLE DRAIN	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
6.	SOUTH MIDDLETON DRAIN	101	101	101	101	101	103	103	103	103	103	103	105	105	105	105	105	105
7.	NORTH MIDDLETON DRAIN	69	69	69	67	67	63	63	63	59	59	55	55	47	47	43	43	43
8.	HARTLY DRAIN	57	57	57	57	57	57	57	59	59	64	64	64	64	69	69	69	69
9.	PHYLLIS WASTE	10	10	10	10	10	9	9	9	9	9	9	12	12	12	12	14	14
10.	MASON CREEK	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8
11.	WILLOW CREEK	79	71	65	65	52	52	44	41	37	35	29	25	22	22	22	22	22
12.	MASON DRAIN	186	186	186	173	173	173	166	166	161	161	159	159	149	149	149	149	144
13.	INDIAN CREEK	270	270	270	208	208	201	196	198	204	206	223	226	254	256	270	263	263
14.	HARTLY GULCH	30	30	30	30	30	30	30	30	30	30	30	30	32	32	32	32	32
TOTAL		940	932	926	849	836	829	816	811	809	809	816	838	837	834	846	841	834

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
IRRIGATION SEASON OF 1951
JUNE

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
22	22	22	22	22	22	22	22	22	22	22	22	22	22	25	25	25	25	25	25	675
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	120
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	912
12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	369
59	59	59	58	58	58	57	57	57	57	57	57	57	57	57	57	57	57	57	57	1776
146	146	135	121	116	108	108	108	108	111	111	111	108	108	105	105	105	105	105	105	3572
88	83	77	74	67	62	62	62	65	65	65	65	65	65	65	65	65	65	65	65	2113
59	55	50	50	50	50	50	50	50	50	50	50	53	53	53	53	53	53	53	53	1612
14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	414
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	334
45	45	45	45	40	40	40	42	42	42	47	49	55	55	66	66	71	71	71	71	1536
173	169	169	161	161	156	156	156	143	143	143	143	156	156	169	169	173	173	173	173	4898
220	242	238	225	225	223	223	223	228	238	225	230	234	228	244	260	270	270	270	270	6877
27	27	27	27	23	23	23	23	23	23	23	23	23	27	27	27	27	27	27	27	756
910	919	893	854	833	813	812	814	809	822	815	822	845	842	882	898	912	917	917	917	25959
12	13	14	JULY 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
24	24	24	23	23	23	23	23	23	22	22	21	21	26	26	26	28	28	26	24	750
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	155
31	31	31	34	34	34	34	34	34	34	34	34	34	34	31	31	31	31	31	31	979
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	427
58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	1798
105	105	105	105	105	105	105	103	103	101	101	101	97	97	92	92	92	85	85	85	3090
55	47	47	43	43	43	45	47	49	54	57	63	67	71	75	79	84	88	88	84	1932
64	64	69	69	69	69	67	67	65	65	61	61	61	61	61	57	57	57	55	55	1899
12	12	12	12	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	376
10	10	10	10	10	8	8	8	8	12	12	12	12	14	14	14	14	14	14	14	338
25	22	22	22	22	22	22	25	25	25	29	29	29	29	29	22	22	22	22	22	1057
159	159	149	149	149	144	144	144	144	144	144	139	139	139	135	135	135	135	135	135	4760
286	254	256	270	263	263	250	256	256	268	274	260	268	270	276	280	280	270	270	270	7754
30	32	32	32	32	32	32	32	32	32	32	30	30	30	30	30	30	30	30	30	950
838	837	834	846	841	834	821	830	830	848	857	841	849	862	860	857	864	851	847	841	26261

AND RETURN FLOW TO BOISE RIVER
 IRRIGATION SEASON OF 1951
 JUNE

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
22	22	22	22	22	22	22	22	22	22	22	22	25	25	25	25	25		675
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		120
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		912
12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13		369
59	59	59	59	57	57	57	57	57	57	57	57	57	57	57	57	57		1776
135	121	116	108	108	100	108	111	111	111	108	108	105	105	105	105	105		3572
77	74	67	62	62	62	65	65	65	65	65	65	65	65	65	65	65		2113
50	50	50	50	50	50	50	50	50	50	53	53	53	53	53	53	53		1612
14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13		414
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		334
45	45	40	40	40	42	42	42	47	49	55	55	66	66	71	71	71		1536
169	161	161	156	156	156	143	143	143	143	156	156	169	169	173	173	173		4898
238	225	225	223	223	223	228	238	225	230	234	228	244	260	270	270	270		6877
27	27	23	23	23	23	23	23	23	23	23	27	27	27	27	27	27		756
893	854	833	813	812	814	809	822	815	822	845	842	862	898	912	917	917		25959
14	JULY 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
24	23	23	23	23	23	23	22	22	21	21	26	26	26	28	28	26	24	750
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	155
31	34	34	34	34	34	34	34	34	34	34	34	31	31	31	31	31	31	979
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	427
58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	1798
105	105	105	105	105	103	103	101	101	101	97	97	92	92	92	85	85	85	3090
47	43	43	43	45	47	49	54	57	63	67	71	75	79	84	88	88	84	1932
69	69	69	69	67	67	65	65	61	61	61	61	61	57	57	57	55	55	1899
12	12	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	376
10	10	10	8	8	8	8	12	12	12	12	14	14	14	14	14	14	14	338
22	22	22	22	22	25	25	25	29	29	29	29	29	22	22	22	22	22	1057
149	149	149	144	144	144	144	144	144	139	139	139	135	135	135	135	135	135	4760
256	270	263	263	250	256	256	268	274	260	268	270	276	280	280	270	270	270	7754
32	32	32	32	32	32	32	32	32	30	30	30	30	30	30	30	30	30	950
834	846	841	834	821	830	830	848	857	841	849	862	860	857	864	851	847	841	26261

TRIBUTARY AND RETURN

IRRIGATION SE

NO.	NAME OF TRIBUTARY	AUGUST														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	DRAINAGE DISTRICT # 3	23	23	23	21	21	21	21	21	21	21	19	19	19	19	19
2.	DAVIS DRAIN	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3.	THURMAN DRAIN	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
4.	BOISE SEWER	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14
5.	EAGLE DRAIN	57	57	57	56	56	56	56	55	55	55	54	54	54	54	54
6.	SOUTH MIDDLETON DRAIN	87	87	87	87	85	83	76	76	72	67	59	56	53	53	53
7.	NORTH MIDDLETON DRAIN	81	78	73	67	64	61	57	55	53	51	49	49	47	47	47
8.	HARTLEY DRAIN	53	53	53	53	53	53	53	53	53	51	51	51	47	47	47
9.	PHYLLIS WASTE	13	13	13	13	14	14	14	14	14	14	15	15	15	15	15
10.	MASON CREEK	16	16	16	16	16	16	18	18	18	18	18	18	16	16	11
11.	WILLOW CREEK	25	25	25	32	32	32	32	32	35	35	35	25	25	25	25
12.	MASON DRAIN	131	131	131	131	131	131	124	124	124	124	124	124	124	131	131
13.	INDIAN CREEK	270	270	270	260	260	267	254	250	230	240	240	240	250	240	250
14.	HARTLEY GULCH	28	28	28	28	28	28	28	28	28	28	28	28	28	28	25
TOTAL		833	830	825	813	809	811	782	775	751	752	740	727	726	723	722

NO.	NAME OF TRIBUTARY	SEPTEMBER														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	DRAINAGE DISTRICT # 3	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19
2.	DAVIS DRAIN	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3
3.	THURMAN DRAIN	25	25	25	25	23	23	23	23	23	23	23	23	23	23	21
4.	BOISE SEWER	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
5.	EAGLE DRAIN	46	46	45	45	45	44	44	44	44	43	42	41	40	39	38
6.	SOUTH MIDDLETON DRAIN	47	47	47	47	47	45	45	45	45	45	43	43	43	43	41
7.	NORTH MIDDLETON DRAIN	44	44	44	43	43	43	43	42	42	41	39	37	35	33	31
8.	HARTLEY DRAIN	39	39	39	39	37	37	37	37	35	35	35	35	35	35	35
9.	PHYLLIS WASTE	16	16	16	13	13	13	13	13	13	13	13	13	13	13	12
10.	MASON CREEK	18	18	18	18	15	15	15	15	9	9	9	9	9	15	15
11.	WILLOW CREEK	35	35	35	35	35	35	42	42	42	42	42	37	37	32	32
12.	MASON DRAIN	131	131	131	139	139	139	139	139	145	145	145	145	139	139	139
13.	INDIAN CREEK	250	250	250	246	246	246	246	238	238	238	238	238	223	223	223
14.	HARTLEY GULCH	19	19	17	17	17	17	17	17	15	15	15	15	15	15	15
TOTAL		707	707	704	704	699	694	701	692	688	686	680	672	648	646	637

CHART NO. 8-B

IRRIGATION SEASON OF 1951

AUGUST

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
19	19	19	19	19	19	20	20	20	20	20	20	20	19	19	19	19	19	19	19	622
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	135
29	29	29	29	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	867
14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	436
54	54	54	54	53	53	53	53	53	53	53	52	52	52	52	51	50	49	48	47	1654
56	53	53	53	53	53	53	53	53	52	52	52	51	51	51	49	49	49	49	49	1900
49	47	47	47	47	47	46	46	46	46	46	45	45	45	45	45	45	45	45	45	1608
51	47	47	47	47	45	45	43	43	43	43	43	43	43	43	43	41	41	41	41	1459
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	451
18	16	16	11	11	11	11	11	16	16	18	18	21	21	21	21	21	21	21	21	527
25	25	25	25	25	32	32	42	42	42	42	39	39	39	35	35	35	35	35	35	1024
124	124	131	131	131	131	131	131	131	124	124	124	124	124	124	124	124	124	124	124	3935
240	250	240	244	250	246	246	254	256	256	250	254	258	238	250	256	256	260	250	250	7815
28	28	28	28	25	25	25	25	25	25	23	23	23	23	23	23	23	19	19	19	788
727	726	723	722	722	723	723	739	746	738	732	731	737	716	723	726	723	722	711	710	23241

SEPTENBER

TOTAL

20	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	585
3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	90
23	23	23	23	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	670
13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	380
41	40	39	38	38	38	37	37	37	36	36	36	36	35	35	35	35	35	35	1187
43	43	43	41	41	35	35	35	35	35	36	36	37	37	37	37	37	37	37	1220
37	35	33	31	31	30	29	27	27	25	25	23	23	21	21	23	23	23	23	978
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	1074
13	13	13	13	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	374
9	9	15	15	15	15	15	15	15	15	15	15	15	9	9	9	9	9	9	396
37	37	32	32	32	27	27	27	25	25	25	25	22	22	22	22	22	22	22	925
145	139	139	139	139	139	139	135	135	129	129	125	125	125	125	125	125	125	125	4030
238	223	223	223	223	223	234	246	246	250	250	250	250	256	256	256	256	246	246	7281
15	15	15	15	15	15	15	15	15	15	13	13	13	13	13	13	13	13	13	452
672	648	646	641	637	625	634	640	638	631	630	624	622	619	617	619	619	609	609	19642

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 1952

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT DIVERSION DAM	459328	588460	387242	272046	249034	183594	2139704
DELIVERIES TO CANALS	517688	681784	477026	361106	323784	273290	2634678
TRIBUTARY GAIN	11914	45442	51928	52530	46482	39284	255580
SEEPAGE GAIN	46446	47882	37856	36530	28268	50412	239394
NET GAIN	58360	93324	89784	89060	74750	89696	494974

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

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

IRRIGATION SEASON 1952

BOISE RIVER AT DIVERSION DAM	7655	9808	6454	4534	4017	2961
DELIVERIES TO CANALS	8628	11363	7950	6018	5222	4408
TRIBUTARY GAIN	199	757	865	876	749	634
SEEPAGE GAIN	774	798	631	608	456	813
NET GAIN	973	1555	1496	1484	1205	1447

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

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

SECTION I

1952

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT DIVERSION DAM	272046	249034	183594	704674
DELIVERIES TO CANALS	297528	269486	201176	768190
TRIBUTARY GAIN	8218	7468	5824	21510
SEEPAGE GAIN	17264	12984	11758	42006
NET GAIN	25482	20452	17582	63516

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

1952

BOISE RIVER AT DIVERSION DAM	4388	4017	3060
DELIVERIES TO CANALS	4799	4347	3353
TRIBUTARY GAIN	133	120	97
SEEPAGE GAIN	278	210	196
NET GAIN	411	330	293

XINCLUDES 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

1952

	JULY	AUGUST	SEPTEMBER	TOTAL
BOISE RIVER AT CALDWELL HIGH LINE	7390	310	462	8162
DELIVERIES TO CANALS	70968	54600	72576	198152
TRIBUTARY GAIN	52530	46482	39204	138296
SEEPAGE GAIN	11048	7016	32830	51694
NET GAIN	63578	54298	72114	189990

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 2

1952

	JULY	AUGUST	SEPTEMBER
BOISE RIVER AT CALDWELL HIGH LINE	120	5	0
DELIVERIES TO CANALS	1145	881	1210
TRIBUTARY GAIN	847	750	655
SEEPAGE GAIN	178	126	547
NET GAIN	1025	876	1202

X INCLUDED BOISE RIVER AT NOTUS.

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 12

BOARD OF CONTROL (NEW YORK)

NEW YORK IRRIG. DIST.	17,763		WARM SPRINGS SLOUGH	441	ACRES
BOISE-KUNA IRRIG. DIST.	48,458		JOPLIN	94	"
HAMPA & MERIDIAN IRRIG. DIST.	40,193		CONWAY & HAMMING	259	"
WILDER IRRIG. DIST.	56,622		THOS. AIKEN	236	"
BIG BEND IRRIG. DIST.	1,725		CATLIN & MACE	496	"
TOTAL BOARD OF CONTROL.	164,761	ACRES	HART & DAVIS	453	"
RIDENBAUGH	26,747	"	GRAHAM & GILBERT	220	"
PENITENTIARY.	102	"	SEVEN SUCKERS	58	"
BUBB (SO. BOISE).	1,057	"	PIONEER IRRIG. DIST.	34,500	"
NEEVES	90	"	EUREKA WATER CO.	1,666	"
ROSSI MILL	500	"	CALDWELL HIGH LINE	3,960	"
HANVILLE-LEONARD	159	"	FARMERS COOP DITCH CO.	15,897	"
DAVIS AND LITTLE DAVIS	634	"	CANYON DITCH CO.	802	"
SETTLERS	12,300	"	STEDENBERG	646	"
THURMAN MILL	1,799	"	RIVERSIDE IRRIG. DIST.	10,645	"
CRUZEN (CONSUMERS)	2,500	"	PIONEER DIXIE	2,030	"
BOISE CITY	1,928	"	EUREKA DITCH CO.	2,670	"
FARMERS UNION.	8,300	"	UPPER CENTER POINT	641	"
BOISE VALLEY	2,729	"	LOWER CENTER POINT.	830	"
CAPITOL VIEW	600	"	BOWMAN & SWISHER	424	"
NEW UNION	633	"	HAMMON	449	"
NEW DRY CREEK	3,059	"	HAAS	867	"
BALLANTINE	763	"	ISLAND HIGH LINE	1,000	"
MIDDLETON WATER	5,640	"	LARSON, BAXTER, LEMP.	200	"
MIDDLETON MILL	4,400	"	BOONE	577	"
LITTLE PIONEER	1,286	"	ANDREWS	1,068	"
CANYON COUNTY	4,007	"	PARMA DITCH CO.	562	"
LEMP DITCH (EAGLE ISLAND)	300	"	O'DONNELL	120	"
			MACE & MACE	80	"

TOTAL 326,190 "

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

BLACK CANYON IRRIGATION DISTRICT.	6,500	ACRES
CALDWELL IRRIGATION DISTRICT	850	"
MORELAND & VAIL (DIXIE DRAIN)	640	"
GRAND TOTAL	7,990	"
	334,180	"

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. SEE EXPLANATION IN WATER-MASTER'S REPORT FOR 1947.

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

TABLE SHOWING ACRE FEET PER ACRE DIVERTED
FOR EACH IRRIGATION SEASON

NAME OF CANAL	ACRES	1934	1935	1936	1937	1938	ACRES IRRIGATED	1939	1940	1941	1942	1943	1944
BOARD OF CONTROL	166,000	3.13	4.92	4.71	4.19	4.36	164,761	4.09	4.38	4.71	4.92	5.50	4.63
PENITENTIARY	429	3.87	5.36	4.66	5.04	4.97	429	4.67	4.07	3.69	3.66	4.81	4.11
BUBB (SO. BOISE)	745	5.41	5.55	5.56	5.34	6.34	745	5.74	5.26	6.36	5.50	6.54	5.82
RIDENBAUGH	27,000	4.69	5.00	5.49	4.36	5.90	27,000	5.47	5.51	5.96	5.35	5.98	4.67
SETTLERS	12,300	2.77	3.50	3.56	2.97	3.91	12,300	3.52	3.29	3.79	3.50	4.07	3.26
THURMAN MILL	1,858	5.76	5.62	4.74	5.08	5.72	1,858	6.21	5.18	5.06	6.25	4.90	5.20
CONSUMERS	2,500	3.20	2.57	2.94	2.82	2.75	2,500	3.33	2.73	2.26	2.65	2.75	2.36
BOISE CITY	1,903	5.53	4.99	4.45	4.60	5.12	1,903	5.23	4.79	5.30	4.88	5.24	4.70
FARMERS UNION	8,300	3.48	3.61	3.60	3.53	4.35							
WISE	600	6.50	5.67	5.68			8,900	4.17	3.33	4.40	4.27	4.53	3.56
BOISE VALLEY	2,729	6.03	5.11	5.88	5.88	6.44	2,729	6.46	5.96	6.41	6.11	5.79	4.98
NEW UNION	688	6.00	6.07	6.36	6.46	6.28	688	5.87	5.67	6.66	5.13	5.66	5.58
NEW DRY CREEK	2,720	5.04	6.38	5.92	5.01	6.56	2,720	5.61	5.33	6.61	6.53	6.65	6.46
BALLANTINE	700	5.38	5.03	4.84	4.70	5.02	700	5.28	5.09	4.64	4.74	5.66	5.16
MIDDLETON IRRIG. ASSOC.	5,704	4.26	3.64	3.99	4.61	5.47	5,704	5.52	5.89	6.05	5.31	6.77	5.73
MIDDLETON MILL	4,400	3.53	4.78	5.06	3.41	4.00	4,400	3.42	3.56	3.31	3.15	3.81	4.09
LITTLE PIONEER	1,286	6.80	6.98	6.55	6.84	7.59	1,286	6.47	5.48	6.16	5.53	6.22	5.64
CANYON COUNTY	3,790	5.40	5.42	4.72	4.80	4.96	3,790	5.27	4.72	5.36	4.88	5.27	4.94
* EAGLE ISLAND CANALS	2,363	4.72	4.82	6.07	4.65	5.35	2,363	5.25	4.34	5.22	5.38	4.82	5.27
PHILLIS	23,500	3.62	4.16	4.26	3.55	4.72	23,500	4.17	3.94	4.46	3.98	4.98	3.63
EUREKA WATER	1,666	4.58	4.91	4.60	4.39	4.36	1,666	5.05	4.55	5.61	5.04	5.01	4.78
CALDWELL HIGH LINE	4,010	5.08	5.41	4.57	4.91	4.29	4,010	5.35	5.23	5.01	4.45	4.39	5.09
FARMERS COOP.	15,500	3.94	4.93	4.72	4.53	6.04	15,500	4.45	4.46	5.08	5.17	6.32	4.57
CANYON (CAMPBELL)	800	4.46	5.38	5.65	5.34	7.17	802	7.94	4.77	5.33	6.29	6.87	5.51
SIEDENBERG	646	3.84	5.02	3.98	4.11	4.12	646	5.05	4.43	4.29	3.25	3.56	3.85
RIVERSIDE	10,645	3.65	4.22	4.97	4.15	6.22	10,645	4.55	4.43	5.64	4.90	5.08	3.92
PIONEER DIXIE	2,015	5.06	3.94	4.39	4.01	5.17	2,015	6.57	6.05	5.95	6.73	6.31	7.61
EUREKA # 2	2,595	4.87	4.85	3.91	4.19	5.24	2,595	5.88	5.94	5.68	4.97	6.28	4.56
UPPER CENTER POINT	621	3.68	4.87	4.16	4.33	3.95	621	5.59	5.70	6.06	5.78	6.09	6.64
LOWER CENTER POINT	845	4.66	3.56	1.93	3.02	2.88	845	4.67	5.44	5.79	4.97	3.96	5.81
* MISCELLANEOUS	1,493	5.06	5.06	6.39	4.94	5.62	1,493	5.60	4.59	5.58	5.55	5.22	4.71
TOTAL	310,353	3.62	4.76	4.69	4.16	4.76	309,114	4.09	4.47	4.89	4.84	5.46	4.51

* EAGLE ISLAND CANALS: LEMP, CONWAY & HAMMING, AIKEN, CATLIN & MACE, MACE & MACE, HART & DAVIS, GRAHAM & GILBERT, WARM
* MISCELLANEOUS CANALS: MEEVES, ROSSI MILL, DAVIS AND LITTLE DAVIS
ACREAGE TABLE WAS COMPILED IN 1934, REVISED IN 1939, AND AGAIN REVISED IN 1947

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

CHART NO. 14

FOR EACH IRRIGATION SEASON FROM 1934

	ACRES										ACRES						
	1938	IRRIGATED	1939	1940	1941	1942	1943	1944	1945	1946	IRRIGATED	1947	1948	1949	1950	1951	1952
7	4.36	164,761	4.09	4.38	4.71	4.92	5.58	4.63	5.05	4.38	164,332	4.70	4.42	4.90	5.83	5.21	5.25
4	4.97	429	4.67	4.07	3.69	3.66	4.81	4.11	3.86	5.16	429	6.54	5.76	7.81	6.16	6.45	6.37
4	6.34	745	5.74	5.26	6.36	5.58	6.54	5.82	7.14	6.94	1,057	4.92	3.87	4.05	4.08	4.34	3.68
16	5.90	27,000	5.47	5.51	5.96	5.35	5.98	4.67	4.81	5.72	26,747	5.88	4.93	5.83	6.22	6.50	6.42
17	3.91	12,300	3.52	3.29	3.79	3.50	4.07	3.26	3.42	3.83	12,300	4.01	3.55	4.29	4.23	4.35	4.27
18	5.72	1,858	6.21	5.18	5.06	6.25	4.90	5.20	6.33	4.89	1,799	5.81	5.36	4.84	5.78	5.84	5.36
22	2.75	2,500	3.33	2.73	2.26	2.65	2.75	2.36	2.83	2.69	2,500	2.63	2.25	2.79	2.73	2.22	2.70
30	5.12	1,903	5.23	4.79	5.30	4.88	5.24	4.70	4.45	4.91	1,828	5.14	3.33	4.95	5.22	5.70	5.10
33	4.35	8,900	4.17	3.33	4.40	4.27	4.53	3.56	3.94	4.54	8,900	4.57	3.68	5.15	6.05	6.10	5.52
88	6.44	2,729	6.46	5.96	6.41	6.11	5.79	4.98	5.49	6.48	2,729	6.18	5.57	6.93	6.75	7.18	7.11
46	6.28	688	5.87	5.67	6.66	5.13	5.66	5.58	5.84	5.79	688	6.36	5.50	5.71	6.13	7.59	6.08
01	6.56	2,720	5.61	5.33	6.61	6.53	6.65	6.46	7.39	7.07	3,099	6.14	5.85	6.45	6.25	6.52	5.49
70	5.02	700	5.28	5.09	4.64	4.74	5.66	5.16	5.29	5.82	763	6.60	5.87	6.29	7.01	6.98	6.87
61	5.47	5,704	5.52	5.89	6.05	5.31	6.77	5.73	5.11	5.02	5,640	4.89	3.81	5.48	5.36	5.81	5.51
41	4.00	4,400	3.42	3.56	3.31	3.15	3.81	4.09	3.35	4.34	4,400	4.18	4.46	4.69	4.53	4.97	4.71
84	7.59	1,286	6.47	5.48	6.16	5.53	6.22	5.64	7.16	8.31	1,286	8.23	6.40	7.64	8.80	8.51	9.06
80	4.96	3,790	5.27	4.72	5.36	4.88	5.27	4.94	5.25	5.37	4,007	5.40	4.53	4.76	5.81	5.81	6.08
65	5.35	2,363	5.25	4.34	5.22	5.38	4.82	5.27	5.10	5.83	2,637	5.21	4.95	5.56	5.78	5.84	6.35
55	4.72	23,500	4.17	3.94	4.46	3.98	4.98	3.63	3.60	4.59	23,500	4.56	4.21	4.78	4.96	4.85	4.86
39	4.36	1,666	5.05	4.55	5.61	5.04	5.01	4.78	4.82	5.00	1,666	5.70	4.80	5.39	5.79	6.18	5.81
91	4.29	4,010	5.35	5.23	5.01	4.45	4.39	5.09	5.17	4.70	3,960	4.13	3.31	3.59	3.55	3.76	3.37
53	6.04	15,500	4.45	4.46	5.00	5.17	6.32	4.57	5.01	6.01	15,077	5.36	5.00	5.22	5.88	6.45	6.78
34	7.17	802	7.94	4.77	5.33	6.29	6.87	5.51	6.44	7.41	802	6.79	5.54	6.27	6.98	7.99	7.69
11	4.12	646	5.05	4.43	4.29	3.25	3.56	3.85	3.64	4.11	646	4.40	4.09	4.47	4.53	4.83	5.07
15	6.22	10,645	4.55	4.43	5.64	4.90	5.88	3.92	4.58	4.10	10,645	4.74	5.58	5.11	6.09	6.54	6.43
01	5.17	2,015	6.57	6.05	5.95	6.73	6.31	7.61	7.43	6.69	2,030	8.09	6.39	9.13	9.06	10.37	10.39
19	5.24	2,595	5.88	5.94	5.68	4.97	6.28	4.56	5.71	7.58	2,670	8.88	7.76	8.45	9.64	9.61	9.25
33	3.95	621	5.59	5.70	6.06	5.78	6.09	6.64	6.59	7.15	641	6.85	7.42	8.48	9.09	9.35	9.31
02	2.88	845	4.67	5.44	5.79	4.97	3.96	5.81	4.48	4.48	880	5.01	6.63	5.93	6.52	6.73	6.57
94	5.62	1,493	5.60	4.59	5.58	5.55	5.22	4.71	5.31	5.24	1,444	5.37	5.08	5.72	5.78	5.84	5.95
16	4.76	309,114	4.09	4.47	4.89	4.84	5.46	4.51	4.84	4.73	309,882	4.92	4.56	5.09	5.75	5.53	5.51

& MACE, MACE & MACE, HART & DAVIS, GRAHAM & GILBERT, WARM SPRINGS SLOUGH, JOPLIN AND SEVEN SUCKERS

E DAVIS

REVISIED JUL 1947 AND ADDED NOTES IN 1947.

CHART NO. 17

[illegible]

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS

IN DRAINAGE DISTRICT NO. 3 FOR 4200 ACRES

1952

	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	TOTAL	ACRE FEET PER ACRE
AVERAGE DAILY FLOW IN SECOND FEET	9.3	19.2	22.5	24.2	20.1	19.5	19.6	1938 .83 1939 1.00 1940 1.01
TOTAL MONTHLY FLOW IN ACRE FEET	560	1188	1350	1500	1244	1170	7012	1941 .90 1942 1.04 1943 1.12
ACRE FEET PER ACRE	.13	.28	.32	.36	.30	.28	1.67	1944 1.08 1945 1.10 1946 1.24 1947 1.65 1948 1.01 1949 1.07 1950 1.25 1951 1.41 1952 1.67

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS

IN DRAINAGE DISTRICT NO. 4 FOR 2500 ACRES

1952

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	ACRE FEET PER ACRE
AVERAGE DAILY FLOW IN SECOND FEET	11.2	24.7	30.4	31.6	28.0	22.3	24.8	1938 2.25 1939 3.60 1940 2.36
TOTAL MONTHLY FLOW IN ACRE FEET	674	1534	1824	1958	1734	1340	9064	1941 2.30 1942 2.59 1943 2.72
ACRE FEET PER ACRE	.27	.61	.73	.78	.69	.54	3.62	1944 2.59 1945 2.67 1946 2.68 1947 2.51 1948 2.71 1949 3.03 1950 3.12 1951 3.28 1952 3.62

SUMMARY TABLE IN SECOND FEET
SHOWING RETURN FLOW TO BOISE RIVER

CHART NO. 19

RETURN FLOW TO ENTIRE RIVER

	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
APRIL	607	547	558	533	370	287	461	579	17	479	712	1003	973
MAY	955	1269	1091	491	591	779	872	1098	600	1213	1018	1223	1555
JUNE	879	1334	1000	778	1223	972	1023	1265	701	1168	1326	1456	1496
JULY	637	746	648	885	657	914	895	916	924	893	1203	1381	1484
AUG.	535	746	637	391	589	675	776	742	894	765	1185	1362	1205
SEPT.	716	840	681	945	652	697	843	951	980	832	1112	1296	1447
AVERAGE	721	914	769	754	680	711	812	925	699	892	1093	1287	1352

RETURN FLOW TO SECTION ONE

	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
APRIL													
MAY													
JUNE													
JULY	213	290	92		139	250	228	331	214	282	343	460	
AUG.	212	269	227	170	196	186	294	316	350	287	378	426	
SEPT.	222	267	190	219	200	293	198	317	310	271	331	360	
AVERAGE	216	275	169	195	178	213	240	321	291	280	351	415	

RETURN FLOW TO SECTION TWO

	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
APRIL													
MAY													
JUNE													
JULY	422	479	556		518	664	666	591	732	611	860	921	
AUG.	323	482	409	567	393	489	529	459	564	478	807	936	
SEPT.	494	578	491	538	452	493	645	657	679	561	781	936	
AVERAGE	413	513	485	552	454	549	613	569	658	550	816	931	

DISTRIBUTION OF DRAINAGE WATER TO VARIOUS CANALS 1950

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 ADDI-
TIONAL 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
HARM 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
BOISE RIVER

CHART NO. 21

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF REC.
				SEC.	FT INCHES	FILE NO.
66-A	4-1-1878	J. S. KRAUS	BALLANTINE	.80	40	373
129-A	4-1-1897	H. E. PLAIN	DRY CREEK	.54	27	373
66-C	4-1-1878	J. W. KOLANDER	BALLANTINE	1.40	70	373
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	LED HARBERS	WARM SPRINGS	1.60	80	324
137	5-1-1909	B. P. HEAVERLING	PACE & MACE	1.60	80	294
138	6-14-1912	WESLEY A. PACE	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	" "	.75	37.50	318
85-B	4-1-1883	JACOB BINGHAM	SETTLERS	1.00	50	317
77-A	4-15-1882	ROC HELMS	RIVERSIDE IRRIG. DIST.	3.674	183.70	295
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	412
47-A	4-1-1870	" "	" "	.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	" "	PARMA DITCH CO.	1.60	80	467
77-B	6-1-1881	CHARLES JURRIES	" " "	.34	17	467
77-C	6-1-1881	JAMES FINLAY	" " "	.80	40	467
77-D	6-1-1881	LESTER J. SHIPPY	" " "	1.30	65	467
31-A	6-1-1866	WM FUSBER	LAWRENCE & KENNEDY	2.30	115	482
31-B	6-1-1866	MINNIE & JERRY COUZENS	MIDDLETON WATER	.60	30	482
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	482
71-A	4-1-1879	ISLAND HIGHLINE DITCH CO.		3.00	150	491
137-A	4-1-1910	" " " "		7.00	350	491
139	4-1-1915	" " " "		10.00	500	491
75-A	1880	ALBERT LEMP ET AL	LARSEN-BAXTER & LEMP	3.20	160	496
29-A	1865	LOUISE SLOMONSON	LEMP DITCH EAGLE ISLAND	6.00	300	496
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	497
29-B	1865	S. G. HARDIES & MELIA SIBLEY	BUBB	.50	25	498
51-A	1870	" " " "	"	1.00	50	498
116-A	1889	" " " "	"	.94	42	498

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREED RIGHTS

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DATE OF CHANGE	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES
	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	50
32	DAVIS	DAVIS DITCH	7-15-1919				
35	PIONEER DIXIE	RIVERSIDE	4-3-1919			160	100
36	CANYON COUNTY	MIDDLETON WATER	4-12-1918	35	6-1-67		19
38	HART & DAVIS	SEVEN SUCKERS	9-24-1915				52
39	HART & DAVIS	SEVEN SUCKERS	6-12-1918				
48	PIONEER DIXIE	PIONEER DIXIE	9-26-18				
50	LOWER CEN. POINT	BOWMAN & SWISHER	3-31-1920	19	6-1-65		144
51	LOWER CEN. POINT	BOWMAN & SWISHER	3-31-1920	20	6-1-65		320
54	CANYON COUNTY	MIDDLETON MILL	4-24-1920	35	6-1-67		55
57	MIDDLETON WATER	BALLANTINE	12-2-1920	65	6-1-77	35	30
59	KENNEDY	CANYON COUNTY	3-18-1921	31	6-1-66		130
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
75	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
83	WARM SPRINGS	SETTLERS	4-29-1926				36
84	MIDDLETON WATER	FARMERS UNION	3-9-1926	65	6-1-77		40
85	UPPER CEN. POINT	EUREKA NO. 2	5-7-1926				25
91	BALLANTINE	DRY CREEK	6-23-1926	103			32
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 CEN. POINT	1-16-32	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 CEN. POINT NO. 1	4-17-1936	96	10-1-87		75
151	NEW DRY CREEK	BALLANTINE	2-10-1937		5-1-93		60
152	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-70		40
153	REIN-KOEGH-BAHLER	RIDENBAUGH	5-15-1937		5-1-95		50
154	BAHLER DITCH	RIDENBAUGH	5-15-1937		4-1-65		40
159	UPPER CEN. POINT	EUREKA NO. 2	5-27-1939		6-1-65		5
161	BALLANTINE	NEW DRY CREEK	5-5-1940	103	6-1-88		32
174	BALLANTINE	NEW DRY CREEK	3-28-1944	103	6-1-88		12
175	RIVERSIDE	EUREKA	4-11-44		6-1-83		85
176	HANNON DITCH	HAAS DITCH	4-18-1944		6-1-78		440
179	CATLIN-PACE	SEVEN SUCKERS	3-31-1945	5)	6-1-64)		12
				52)	6-1-71)		

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

CHART NO. 22

	DATE OF CHANGE	PRIORITY		NO. OF ACRES	QUANTITY IN INCHES	BY WHOM	REMARKS
		NO.	DATE				
	4-2-1912	96	10-1-87	80		THOS. T. JOHNSTON	
	7-31-1912					ALBERT F. CLEMONS	
	8-26-1918				50	J. C. HUGHES	
	7-15-1919				50	ED DAVIS	
	4-3-1919	35	6-1-67	160	100	REBECCA BELL	
	4-12-1918				19	DRAPER & OTHERS	
	9-24-1915				52	SNAPER & OTHERS	
	6-12-1918					GEORGE RAMBO	
	9-26-18	19	6-1-65	35		JAS. D. RUARK	TO INDIAN CREEK
	3-31-1920				144	JOHN S. SWISHER	
	3-31-1920				320	BIRD BONMAN	
	4-24-1920				55 1/2	H. G. DUDLEY	FOOTE & WISEMAN
	12-2-1920	65	6-1-77		30	EDWARD MCCLINTICK	
	3-18-1921	31	6-1-66		130	M. KENNEDY	
	6-22-1921	31-B	6-1-66		30	NINNIE COUZENS	
	12-21-1921	102	6-1-88		10	HARRY SEAVEY	
	11-25-1924				25	DETWEED ETC. BANK	
	3-12-1925	85-B	4-1-83		50	JACOB BONMAN	
	4-26-1925	8-A	4-1-65	80	40	ADOLPH BAHLER	
	4-26-1925	47-A	4-1-70		40	ADOLPH BAHLER	
	4-29-1926				36	LEO MARSTERS	
	3-9-1926	65	6-1-77		40	J. C. RALPH	
	5-7-1926				25	J. C. BRUCE	
	6-23-1926	103			32 1/2	IRA E. BARBER	NOT APPROVED BY DITCH C SECRETARY
	10-3-1928					CHARLES JURRIES	
	3-25-1931	31-A	6-1-66		115	WM. FUSHER	
	8-15-1930		6-1-65		40	WM BAXTER	
	1-16-32	89	11-9-83		35	R. E. MCGUINE	
	4-23-1934	85-D	5-1-83		3	CHAS. H. SCHNELZER	BELOW FAIRVIEW BRIDGE
	12-18-1934		7-9-12			FISCHER POWER ONLY	
	4-8-1936		6-1-67		10	CORA M. CLIFTON	
POINT NO. 1	4-17-1936	96	10-1-87		75	DORA GREER	DECREED TO AMER. DITCH
	2-10-1937		5-1-93		63/4	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		32 1/2	SID BARBER	
	3-28-1944	103	6-1-88		12	FRANK R. RAY	
	4-11-44		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)				

POINT OF DIVERSION OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 22

PRIORITY	NO. OF	QUANTITY	BY WHOM	REMARKS
DATE	ACRES	IN INCHES		
10-1-87	80		THOS. T. JOHNSON	
	50	50	ALBERT F. CLEMONS	
	160	100	J. C. HUGHES	
6-1-67		19	ED DAVIS	
		52	REBECCA BELL	
			DRAPER & OTHERS	
			SHAPER & OTHERS	
			GEORGE RAMBO	
6-1-65		144	JAS. D. RUARK	TO INDIAN CREEK
6-1-65		320	JOHN S. SWISHER	
6-1-67		55 1/2	BIRD BONMAN	
6-1-77	35	30	M. G. DUDLEY	FOOTE & WISEMAN
6-1-66		130	EDWARD MCCLINTICK	
-B 6-1-66		30	M. KENNEDY	
6-1-88		10	MINNIE COUZENS	
		25	HARRY SEAVEY	
-B 4-1-83		50	DETWEED ETC. BANK	
-A 4-1-65	80	40	JACOB BONGHAM	
-A 4-1-70		40	ADOLPH BAHLER	
		36	ADOLPH BAHLER	
		40	LEO MARSTERS	
6-1-77		25	J. C. RALPH	
		32 1/2	J. C. BRUCE	
			IRA E. BARBER	NOT APPROVED BY DITCH COMPANIES
			CHARLES JURRIE	SECRETARY
-A 6-1-66		115	WM. PRUSSER	
6-1-65		40	WM BAXTER	
11-9-83		35	R. E. MCGUIRE	
5-D 5-1-83		3	CHAS. H. SCHMELZER	BELOW FAIRVIEW BRIDGE
7-9-12			FISCHER POWER ONLY	
6-1-67		10	CORA M. CLIFTON	
10-1-87		75	DORA GREER	DECREED TO AMER. DITCHASSOC.
5-1-93		60/4	J. H. CONE	
4-1-70		40	ADOLPH BAHLER	
5-1-95		50	ADOLPH BAHLER	
4-1-65		40	ADOLPH BAHLER	
6-1-65		5	RAYMOND T. BRESKEARS	
6-1-88		32 1/2	SID BARBER	
6-1-88		12	FRANK M. RAY	
6-1-83		85	WILBUR BRESKEARS	
6-1-78		440	CHARLOTTIE D. ALLEN	
5) 6-1-64)		12	IDaho FISH & GAME DEPT.	
2) 6-1-71)				

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

No. of Trans.	POINT OF DIVERSION		PRIORITY No.	DATE	DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO					
34	SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	15	WALTER S. BRUCE
34	"	"	122	6-1-91	3-16-1909)		
35	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100	C. H. ROSENBERGER
38	AMERICAN DITCH ASSN.	CANYON DITCH CO.	96	10-1-87	9-1-1909	605	WM. M. MESSLER
45	SETTLERS	SETTLERS			2-5-1910	10	J. E. MOORE
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-66	2-4-1910	112	BARBER LUMBER CO.
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	1475	AMERICAN DITCH ASSN.
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210	NICHOLS & COOPER
50	SETTLERS	SETTLERS			6-7-1910	20	J. P. CLEEK
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	50	J. A. CARTRIGHT
71	UPPER CAN. POINT	EUREKA NO. 2	24	6-1-65	3-14-1911	40	J. D. ROLAND
105	SIEBENBERG	CANYON DITCH	9	6-1-65	9-18-1912	25	H. E. PEEK
111	EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	60	H. L. RANDALL & OTHER
111	PIONEER DIXIE	HILLCREST	8	6-1-64	11-25-1912)	1017	H. L. RANDALL & OTHER
111	"	"	45	6-1-69)	11-25-1912)		
136	JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	1000	BOISE FRUIT TRACT CO.
219	PIONEER IRR. DIST.	PIONEER IRR. DIST.			7-15-1918	432	PIONEER IRR. DIST.
300	MIDDLETON MILL	DRY CREEK			4-20-1921	17.5	EMMA M. FOWLER
301	MIDDLETON MILL	DRY CREEK			4-20-1921	77	JOHN F. GROOME
347	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	C. E. WHITE
349	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	FRANK WEASEL
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	CARL A. GISH
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5- - 1925	10	NELLIE B. WHITAKER
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2	HENRY W. BARTLET
372	BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	18.7	L. A. RICE
374	MIDDLETON WATER # 1	FARMERS UNION	65	6-1-77	5-6-1926	20	H. D. FARNS
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10	A. G. WING
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	MARY F. LEACH
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13.3	H. E. MCCONNELL
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	H. W. BARTLETT
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	E. E. SMITH
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-64	8-13-1926	7.5	RUSH CHASE
			54)	6-1-71)			
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20	FRED EGGERS
393	MIDDLETON MILL	FARMERS UNION	3)	6-1-54)	9-15-1926	14.4	A. C. SOMERMAN
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	25	G. R. MCGUIRE
412	THURMAN	SETTLERS	81	6-1-82	12-2-1927	20	CHASE, P. MACE
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5	O. E. ALLISON
466	RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	445	W. H. TULLER
468	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5	C. C. HOOD
477	SETTLERS	SETTLERS	92	10-17-84	11-18-1929	10	CHASE, N. WALKER
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3	FRANK P. WEASEL
512	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	50	W. SCOTT ANDERSON
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25	FARMERS UNION DITCH
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-34	15	A. B. WHITNEY
542	FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.37	FEDERAL LAND BANK
595	JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	10	BOISE TRUST CO.
595	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10	BOISE TRUST CO.
608	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	50	W. F. TRACY
644	RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35	S. E. SMITH
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	50	W. W. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO	NO.	DATE			
34	SETTLERS	SETTLERS	92	10-17-84	3-16-1909)	15	WALTER S. BRUCE
34	"	"	122	6-1-91	3-16-1909)		
36	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	4-19-1909	100	C. H. ROSENBERGER
38	AMERICAN DITCH ASSN.	CANYON DITCH CO.	96	10-1-87	9-1-1909	605	WM. M. MESSLER
45	SETTLERS	SETTLERS			2-5-1910	10	J. E. MOORE
46	BARBER LUMBER CO.	PENITENTIARY	50	6-1-66	2-4-1910	112	BARBER LUMBER CO.
47	AMERICAN DITCH ASSN.	EUREKA NO. 2	96	10-1-87	3-18-1910	1475	AMERICAN DITCH ASSN.
48	AMERICAN DITCH ASSN.	PIONEER DIXIE	96	10-1-87	3-31-1910	210	NICHOLS & COOPER
50	SETTLERS	SETTLERS			6-7-1910	20	J. P. CLECK
62	PIONEER DIXIE	EUREKA NO. 2	96	10-1-87	11-14-1910	50	J. A. CARTRIGHT
71	UPPER CEN. POINT	EUREKA NO. 2	24	6-1-65	3-14-1911	40	J. D. ROLAND
105	SIEBENBERG	CANYON DITCH	9	6-1-65	9-18-1912	25	H. E. MEER
111	EUREKA NO. 2	HILLCREST	96	10-1-87	11-25-1912	60	H. L. RANDALL & OTHERS
111	PIONEER DIXIE	HILLCREST	8	6-1-64)	11-25-1912)	1017	H. L. RANDALL & OTHERS
111	"	"	45	6-1-69)	11-25-1912)		
136	JACOBS	FARMERS UNION	2	6-1-64	6-8-1914	1000	BOISE FRUIT TRACT CO.
219	PIONEER IRR. DIST.	PIONEER IRR. DIST.			7-15-1918	432	PIONEER IRR. DIST.
300	MIDDLETON MILL	DRY CREEK			4-20-1921	17.5	EMMA M. FOWLER
301	MIDDLETON MILL	DRY CREEK			4-20-1921	77	JOHN F. GROOM
347	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	C. E. WHITE
349	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	FRANK WEASEL
350	MIDDLETON MILL	SETTLERS	3	6-1-64	2-6-1925	7	CARL A. GISH
357	MIDDLETON WATER	SETTLERS	65	6-1-77	5- - 1925	10	NELLIE B. WHITAKER
370	BOISE CITY	FARMERS UNION	33	6-1-66	3-16-1926	56.2	HENRY W. BARTLET
373	BOISE CITY	FARMERS UNION	33	6-1-66	4-26-1926	18.7	L. A. RICE
374	MIDDLETON WATER # 1	FARMERS UNION	65	6-1-77	5-6-1926	20	H. D. PARKS
375	MIDDLETON WATER	FARMERS UNION	65	6-1-77	5-6-1926	10	A. G. WING
384	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	MARY F. LEACH
385	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	13.3	H. E. MCCONNELL
386	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	H. W. BARTLETT
387	MIDDLETON WATER	FARMERS UNION	65	6-1-77	7-8-1926	20	E. E. SMITH
391	MIDDLETON MILL	FARMERS UNION	3)	6-1-64)	8-13-1926	7.5	RUSH CHASE
			54)	6-1-71)			
392	MIDDLETON WATER	RIDENBAUGH	65	6-1-77	8-21-1926	20	FRED EGGERS
393	MIDDLETON MILL	FARMERS UNION	3)	6-1-54)	9-15-1926	14.4	A. C. BOWERMAN
393	MIDDLETON MILL	FARMERS UNION	54)	6-1-71)			
393	MIDDLETON MILL	FARMERS UNION	120)	6-1-91)			
395	MIDDLETON WATER	FARMERS UNION	65	6-1-77	11-16-1926	25	G. R. MCGUIRE
412	THURMAN	SETTLERS	81	6-1-82	12-2-1927	20	CHASE, P. MACE
430	FARMERS UNION	SETTLERS	65	6-1-77	7-2-1928	12.5	O. E. ALLISON
466	RIDENBAUGH	NEW YORK	106	8-20-88	7-6-1929	445	W. H. TULLER
468	SETTLERS	SETTLERS	65	6-1-77	7-12-1929	5	C. C. WOOD
477	SETTLERS	SETTLERS	92	10-17-84	11-18-1929	10	CHASE, N. WALKER
483	SETTLERS	SETTLERS	92	10-17-84	4-7-1930	3	FRANK P. WEASEL
512	JACOBS CANAL	FARMERS UNION	1	6-1-68	5-27-1932	50	W. SCOTT ANDERSON
513	JACOBS CANAL	FARMERS UNION	1	6-1-64	5-27-1932	25	FARMERS UNION DITCH
530	JACOBS DITCH	FARMERS UNION	1	6-1-64	5-15-34	15	A. B. WHITNEY
542	FARMERS UNION	FARMERS UNION	2	6-1-64	12-31-1934	34.37	FEDERAL LAND BANK
595	JACOBS CANAL	NAMPA-MERIDIAN	1	6-1-64	9-9-1938	10	BOISE TRUST CO.
595	JACOBS CANAL	SETTLERS	1	6-1-64	9-9-1938	10	BOISE TRUST CO.
608	RIVERSIDE	PIONEER DIXIE	88	6-1-83	4-29-1940	50	W. F. TRACY
644	RIVERSIDE	PIONEER DIXIE	88	6-1-83	11-12-1942	35	S. E. SMITH
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	50	W. W. HOWELL
654	CONSUMERS	SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL

TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

CHART NO. 23

TO	PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	NO.	DATE				
SETTLERS	92	10-17-84	3-16-1909)	15	WALTER S. BRUCE	
"	122	6-1-91	3-16-1909)			
PIONEER DIXIE	96	10-1-87	4-19-1909	100	C. H. ROSENBERGER	
CANYON DITCH CO.	96	10-1-87	9-1-1909	605	WM. M. MESSLER	CHANGE IN POINT OF DIVER
SETTLERS			2-5-1910	10	J. E. MOORE	
SENTIENTIARY	50	6-1-66	2-4-1910	112	BARBER LUMBER CO.	
UREKA NO. 2	96	10-1-87	3-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVER
PIONEER DIXIE	96	10-1-87	3-31-1910	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVER
SETTLERS			6-7-1910	20	J. P. CLEEK	
UREKA NO. 2	96	10-1-87	11-14-1910	50	J. A. CARTRIGHT	
UREKA NO. 2	24	6-1-65	3-14-1911	40	J. D. ROLAND	
CANYON DITCH	9	6-1-65	9-18-1912	25	H. E. MEEK	CHANGE IN POINT OF DIVER
HILLCREST	96	10-1-87	11-25-1912	60	H. L. RANDALL & OTHERS	
HILLCREST	8	6-1-64)	11-25-1912)	1017	H. L. RANDALL & OTHERS	
"	45	6-1-69)	11-25-1912)			
FARMERS UNION	2	6-1-64	6-8-1914	1000	BOISE FRUIT TRACT CO.	
PIONEER IRR. DIST.			7-15-1918	432	PIONEER IRR. DIST.	LICENSED RIGHT INDIAN CREEK
RY CREEK			4-20-1921	17.5	EMMA M. FOWLER	
RY CREEK			4-20-1921	77	JOHN F. GROOME	
SETTLERS	3	6-1-64	2-6-1925	7	C. E. WHITE	
SETTLERS	3	6-1-64	2-6-1925	7	FRANK WEASEL	
SETTLERS	3	6-1-64	2-6-1925	7	CARL A. GISH	
SETTLERS	65	6-1-77	5- - 1925	10	NELLIE B. WHITAKER	
FARMERS UNION	33	6-1-66	3-16-1926	56.2	HENRY W. BARTLET	
FARMERS UNION	33	6-1-66	4-26-1926	18.7	L. A. RICE	
FARMERS UNION	65	6-1-77	5-6-1926	20	H. D. FARNS	
FARMERS UNION	65	6-1-77	5-6-1926	10	A. G. WING	
FARMERS UNION	65	6-1-77	7-8-1926	20	MARY F. LEACH	
FARMERS UNION	65	6-1-77	7-8-1926	13.3	H. E. MCCONNELL	
FARMERS UNION	65	6-1-77	7-8-1926	20	H. W. BARTLETT	
FARMERS UNION	65	6-1-77	7-8-1926	20	E. E. SMITH	
FARMERS UNION	3)	6-1-64)	8-13-1926	7.5	RUSH CHASE	
	54)	6-1-71)				
RIDENBAUGH	65	6-1-77	8-21-1926	20	FRED EGGERS	
FARMERS UNION	3)	6-1-54)	9-15-1926	14.4	A. C. BOWMAN	
FARMERS UNION	54)	6-1-71)				
FARMERS UNION	120)	6-1-91)				
FARMERS UNION	65	6-1-77	11-16-1926	25	G. R. MCGUIRE	
SETTLERS	81	6-1-82	12-2-1927	20	CHASE, P. MACE	
SETTLERS	65	6-1-77	7-2-1928	12.5	O. E. ALLISON	FORMERLY MIDDLETON WATER
NEW YORK	106	8-20-88	7-6-1929	445	W. H. TULLER	
SETTLERS	65	6-1-77	7-12-1929	5	C. C. WOOD	
SETTLERS	92	10-17-84	11-18-1929	10	CHASE, N. WALKER	
SETTLERS	92	10-17-84	4-7-1930	3	FRANK P. WEASEL	
FARMERS UNION	1	6-1-64	5-27-1932	50	W. SCOTT ANDERSON	
FARMERS UNION	1	6-1-64	5-27-1932	25	FARMERS UNION DITCH	
FARMERS UNION	1	6-1-64	5-15-34	15	A. B. WHITNEY	
FARMERS UNION	2	6-1-64	12-31-1934	34.37	FEDERAL LAND BANK	
AMPA-MERIDIAN	6-1-64	9-9-1938		10	BOISE TRUST CO.	SOMERMEIR
SETTLERS	1	6-1-64	9-9-1938	10	BOISE TRUST CO.	FALK
PIONEER DIXIE	88	6-1-83	4-29-1940	50	W. F. TRACY	
PIONEER DIXIE	88	6-1-83	11-12-1942	35	S. E. SMITH	
SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL	LARSON TRACT
SETTLERS	30	5-1-66	10-18-1943	50	W. W. HOWELL	HANNING TRACT
SETTLERS	30	5-1-66	10-18-1943	25	W. W. HOWELL	BUDGE TRACT

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 23

<u>PRIORITY</u>	<u>DATE</u>	<u>DATE OF TRANSFER</u>	<u>QUANTITY IN INCHES</u>	<u>BY WHOM TRANSFERRED</u>	<u>REMARKS</u>
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. F. ROSENBERGER	
96	10-1-87	9-1-1909	605	WM. M. MESSLER	CHANGE IN POINT OF DIVERSION ONLY
		2-5-1910	10	J. E. MOORE	
30	6-1-66	2-4-1910	112	BARBER LUMBER CO.	
96	10-1-87	3-18-1910	1475	AMERICAN DITCH ASSN.	CHANGE IN POINT OF DIVERSION ONLY
96	10-1-87	3-31-1910	210	NICHOLS & COOPER	CHANGE IN POINT OF DIVERSION ONLY
		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	
8	6-1-65	9-18-1912	25	H. E. MEEK	CHANGE IN POINT OF DIVERSION ONLY
96	10-1-87	11-25-1912	60	H. L. RANDALL & OTHERS	
8	6-1-64	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 IRR. DIST.	
		4-20-1921	17.5	EMMA M. FOWLER	LICENSED RIGHT INDIAN CREEK
		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. BARTLEY	
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. MCCOMMELL	
65	6-1-77	7-8-1926	20	H. W. BARTLEY	
65	6-1-77	7-8-1926	20	E. E. SMITH	
32)	6-1-64)	8-13-1926	7.5	RUSH CHASE	
54)	6-1-71)				
65	6-1-77	8-21-1926	20	FRED EGGERS	
32)	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	CHASE, P. MACE	
65	6-1-77	7-2-1928	12.5	D. E. ALLISON	FORMERLY HIDDLETON WATER
186	4-20-88	7-6-1929	445	W. H. TULLER	
65	6-1-77	7-12-1929	5	C. C. HOOD	
92	10-17-84	11-18-1929	10	CHASE, N. WALKER	
92	10-17-84	4-7-1930	3	FRANK P. WEASEL	
1	6-1-68	5-27-1932	50	W. SCOTT ANDERSON	
1	6-1-64	5-27-1932	25	FARMERS UNION DITCH	
1	6-1-64	5-15-34	15	A. B. WHITNEY	
2	6-1-64	12-31-1934	34.37	FEDERAL LAND BANK	
1	6-1-64	9-9-1938	10	BOISE TRUST CO.	SOMERSET
1	6-1-64	9-9-1938	10	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	HANNING TRACT
30	5-1-66	10-18-1943	25	W. W. HOWELL	BUDGET TRACT

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

NO. OF TRANS.	POINT OF DIVERSION		PRIORITY		DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED
	FROM	TO	NO.	DATE			
660	RIVERSIDE	PIONEER-DIXIE	88	6-1-83	4-11-1944	30	D. W. BALDWIN
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	8	W. W. HOWELL
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	6	W. W. HOWELL
694	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	7	W. W. HOWELL
701	CONSUMERS	SETTLERS	30	5-1-66	4-29-1946	13	W. W. HOWELL
702	CONSUMERS	NEW YORK	30	5-1-66	12-20-1946	100	W. W. HOWELL
712	CONSUMERS	SETTLERS	30	5-1-66	12-20-1946	30	W. W. HOWELL
"	"	"	30	5-1-66	6-14-1947	10	W. W. HOWELL
"	"	"	"	"	"	10	"
713	"	"	"	"	"	25	"
717	SIEBENBERG	NEW DRY CREEK	30	"	6-14-1947	27	"
720	CONSUMERS	FARMERS COOP	9	6-1-65	11-25-1947	32	R. M. TUCKER
720	"	SETTLERS	30	5-1-66	5-4-1948	10	W. W. HOWELL
720	"	"	"	"	"	10	"
720	"	"	"	"	"	7	"
720	"	"	"	"	"	10	"
720	"	"	"	"	"	20	"
720	"	"	"	"	"	10	"
736	THURMAN MILL	"	37	6-1-68	3-9-1949	50	AIRBART SERVICE CO.
736	CONSUMERS	"	30	5-1-66	3-9-1949	55	W. W. HOWELL
739	"	"	30	5-1-66	4-2-1949	7.5	W. W. HOWELL
753	"	"	30	5-1-66	4-14-1950	23	J. R. FIELD
754	"	MIDDLETON MILL	30	5-1-66	4-14-1950	20	J. R. FIELD

WEED RIGHTS ON BOISE RIVER

CHART NO. 23-A

DATE OF TRANSFER	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
11-1944	30	D. W. BALDWIN	
29-1946	8	W. W. HOWELL	
29-1946	6	W. W. HOWELL	KENNETH O. EARL
29-1946	7	W. W. HOWELL	L. R. FENKES
29-1946	13	W. W. HOWELL	O. G. STARK
20-1946	100	W. W. HOWELL	G. W. KYLE
20-1946	30	W. W. HOWELL	REX JENSON (BOISE KUNA IRR. DIST.)
14-1947	10	W. W. HOWELL	MRS. EDITH CURTIS
"	10	"	CLYDE SIMPSON
"	25	"	JOHN DEMOND
14-1947	27	"	LEN SIMPSON
25-1947	32	R. M. TUCKER	J. S. BEEBE
4-1948	10	W. W. HOWELL	
"	10	"	W. E. DOTY
"	7	"	TOM ERQUIAGA
"	10	"	LOUIS ODERMOTT
"	20	"	W. H. CALDWELL
"	10	"	NORMAN C. STEELE
3-9-1949	50	STEUBART SERVICE CO.	GEROGE BERT ROYLANCE
3-9-1949	55	W. W. HOWELL	
4-2-1949	7.5	W. W. HOWELL	
4-14-1950	23	J. R. FIELD	8" HAGER TRACT, 15" KIMBLE TRACT
4-14-1950	20	J. R. FIELD	BRINK TRACT

X INDICATES RIGHTS SUPPLIED BY RETURN FLOW TO RIVER

STEWART

NO.	DATE	NAME	AMT. DECREED SEC. FT. INCHES	NO.	DATE	NAME	AMT. DEC SEC. FT.
1.	X6-1-64	THOMAS DAVIS	2.20 110	46.	6-1-69	HADON CREEK DITCH CO.	37.20
2.	X6-1-64	JACOBS CANAL CO.	20.00 1000	47.	X6-1-69	T. W. BOONE	3.80
3.	X6-1-64	MIDDLETON HILL DITCH	12.80 640	48.	6-1-70	M. J. HAMMING	2.60
4.	X6-1-64	THOMAS ANDREWS	3.20 165	49.	6-1-70	PIONEER CANAL	25.72
5.	X6-1-64	CATLIN & MACE	2.86 143	50.	6-1-69	BANDER LUMBER CO.	2.24
6.	X6-1-64	T. C. CATLIN	3.30 165	51.	X6-1-70	THOMAS ANDREWS	1.20
7.	X6-1-64	C. C. HAVIRD	3.30 165	52.	6-1-71	CATLIN & MACE	7.86
8.	X6-1-64	PIONEER DIXIE DITCH CO.	20.00 1000	53.	6-1-71	PETER MEYER	1.80
9.	X6-1-65	SEIBENBERG DITCH CO.	13.42 671	54.	6-1-71	MIDDLETON HILL DITCH CO.	33.70
10.	X6-1-65	ALLEN V. WEBSTER	1.20 60	55.	6-1-72	J. F. YARYAN	.70
11.	X6-1-65	J. F. YARYAN	.66 33	56.	6-1-72	J. F. YARYAN	1.40
12.	X6-1-65	GRAHAM & GILBERT	4.40 220	57.	6-1-72	MARY C. DAVIS	4.40
13.	X6-1-65	EUREKA WATER CO.	33.32 1666	58.	6-1-72	EDWARD N. HART	3.30
14.	X6-1-65	NEW UNION DITCH CO.	13.76 688	59.	X6-1-76	J. M. BOONE	2.20
15.	X6-1-65	BOISE VALLEY IRRIG. DITCH Co.	54.58 2729	60.	X6-1-75	FARMERS COOPERATIVE DITCH CO.	10.00
16.	X6-1-65	RIDENBAUGH & ROSSI	9.20 460	61.	6-1-76	EDWARD & MARY CLARK	2.30
17.	X6-1-65	RIDENBAUGH & ROSSI (POWER)	265.80 13290	62.	6-1-76	JOHN CECIL	.44
18.	X6-1-65	DENVER & IDAHO LAND CO.	.80 40	63.	6-1-77	THOMAS AIKENS	5.20
19.	X6-1-65	MARTHA BOMMAN	2.88 144	64.	6-1-77	W. H. CONWAY	.90
20.	X6-1-65	BIRD BOMMAN	6.40 320	65.	6-1-77	MIDDLETON WATER CO.	114.08
21.	X6-1-65	G. W. BESS	2.90 145	66.	X7-1-77	PERRAULT & JOHNSON (POWER)	200.00
22.	X6-1-65	ROBERT MCGUIRE	3.20 160	67.	5-1-78	NANPA-MERIDIAN IRRIG. D.	170.00
23.	X6-1-65	G. W. COOPER	3.20 160	68.	X6-1-78	JOHN HAMMON	4.20
24.	X6-1-65	J. M. ROLAND	2.40 120	69.	X6-1-78	JULIA HAMMON	3.26
25.	X6-1-65	DRAPER & WELLS	3.94 197	70.	X6-1-78	CHARLES ALLEN	8.80
26.	X6-1-65	THOMAS J. PALMER	1.60 80	71.	X6-1-78	R. H. STOCKTON	4.40
27.	X6-1-65	NOAM M. PALMER	1.58 79	72.	6-1-79	NEW DRY CREEK DITCH CO.	31.32
28.	X6-1-65	J. H. TUCKER	7.00 350	73.	X6-1-79	D. HUMPHREY	4.00
29.	X6-1-65	THOMAS ANDREWS	6.00 300	74.	X6-1-80	SMITH STOCKTON	1.76
30.	X6-1-66	J. PERRAULT & JOHNSON, R.	50.00 2500	75.	6-1-80	ISMAH JOPLIN	2.40
31.	X6-1-66	WILLIAM F. KENNEDY	2.60 130	76.	10-26-80	JOSEPH GOBLE	.90
32.	X6-1-66	MANVILLE & LEONARD	3.50 175	77.	10-29-80	FRANKLIN DITCH CO.	27.60
33.	6-1-66	BOISE CITY CANAL CO.	38.06 1903	78.	6-1-82	ALLEN V. WEBSTER	.90
34.	6-1-66	FRANKLIN DITCH CO.	15.40 770	79.	6-1-82	SUSIE CAMPBELL	.60
35.	6-1-67	CANYON CO. WATER CO.	75.00 3790	80.	6-1-82	J. T. BARBER	1.60
36.	6-1-68	MARTHA F. MCCARTHY	14.10 705	81.	6-1-82	SONORA JOPLIN	3.40
37.	6-1-68	H. D. & DORA GOODMAN	3.70 185	82.	6-1-82	S. M. HUTCHINSON	.44
38.	X6-1-68	T. T. JOHNSON	3.20 160	83.	6-1-82	JOHNSON	.44
39.	X6-1-68	ROSS, ALLEN, DILLEY & ROSS	8.54 427	84.	6-1-82	ANDREW J. JOPLIN	2.86
40.	6-1-68	S. S. GRAY	1.40 70	85.	6-1-82	JAMES L. GRAHAM	2.20
41.	X6-1-69	JOHN HAMMON	1.80 90	86.	X6-1-83	FARMERS COOP DITCH	20.00
42.	6-1-69	ISAAC BEPAL	1.60 80	87.	6-8-83	FRANCIS M. JOPLIN	.90
43.	X6-1-69	FREDERICK ODE	3.60 180	88.	X6-1-83	M. A. BLACK	12.00
44.	X6-1-69	PRIOR BURNETT	8.80 425	89.	XII-9-83	EUREKA DITCH CO. NO. 2	21.70
45.	X6-1-69	PIONEER DIXIE DITCH CO.	35.44 1772	90.	6-1-84	PIONEER IRRIG. DIST.	265

STEWART DECREEA. V. TALLMAN
IRRIG. ENGR.AMT. DECREED
SEC. FT. INCHESAMT. DECREED
SEC. FT. INCHES

	SEC. FT.	INCHES	NO.	DATE	NAME	SEC. FT.	INCHES
NEW CREEK DITCH CO.	37.20	1860	91.	X6-1-84	RIVERSIDE IRRIG. DIST	20.00	1000
L. BOONE	3.50	175	92.	10-17-84	SETTLERS CANAL CO.	99.06	4953
L. HAMMING	2.60	130	93.	6-1-86	NEW DRY CREEK DITCH	15.22	761
DEER CANAL	25.72	1266	94.	6-1-86	THOMAS DAVIS	13.40	670
DEER LUMBER CO.	2.24	112	95.	X1-23-87	WM C., L. & E YOUNG	4.00	200
AS ANDREWS	1.30	65	96.	X10-1-87	AMERICAN DITCH ASSOC.	47.80	2390
IN & HACE	7.86	393	97.	6-1-88	NEW DRY CREEK DITCH CO.	7.86	393
ER REEVES	1.80	90	98.	6-1-88	A. V. LINDER	4.00	200
MELTON HILL DITCH CO.	33.70	1685	99.	6-1-88	LEVI SMITH	1.30	65
F. YARYAN	.70	35	100.	6-1-88	CHARLOTTE CALHOUN	1.40	70
F. YARYAN	1.40	70	101.	6-1-88	ED. J. LINDER	1.46	73
F. C. DAVIS	4.40	220	102.	6-1-88	LIZZIE EVERETT	1.20	60
ARD N. HART	3.30	165	103.	6-1-88	JESSIE WILSON	1.40	70
L. BOONE	2.20	110	104.	X6-1-88	THOMAS ANDREWS	.90	45
FARMERS COOPERATIVE DITCH CO.	10.00	500	105.	X7-1-88	FARMERS COOP DITCH CO.	50.00	2500
ARD & MARY CLARK	2.30	115	106.	8-20-88	NAMPA-MERIDIAN IRRIG. D.	370.84	18542
CECIL	.44	22	107.	5-1-89	CHAS. S. MILLER	.06	3
MAS AIKENS	5.20	260	108.	5-1-89	LOHMS L. HOSELEY	.02	1
H. CONWAY	.90	45	109.	5-1-89	S. & J. UTTER & C. B. TAYLOR	2.40	120
MELTON WATER CO.	114.08	5704	110.	5-1-89	SOUTH BOISE MUTUAL IRRIG. CO.	6.00	300
HAULT & JOHNSON (POWER)	200.00	10000	111.	5-1-89	ESTATE OF J. H. GALLAGHER	2.94	147
IPA-MERIDIAN IRRIG. D.	170.00	8500	112.	5-1-89	ANNA H. FOGARTY	.05	2
IN HAMMON	4.20	210	113.	5-1-89	GRACE CALL	.10	5
IA HAMMON	3.36	168	114.	5-1-89	SAMUEL H. CAMPFIELD	.03	1
CHARLES ALLEN	8.80	440	115.	6-1-89	SONORA JOPLIN	.06	3
M. STOCKTON	4.40	220	116.	6-1-89	SONORA JOPLIN	1.20	60
NEW DRY CREEK DITCH CO.	31.32	1566	117.	9-1-90	PIONEER IRRIG. DISTRICT	200.00	10000
MUMFORD	4.00	200	118.	6-1-91	W. H. CONWAY	2.20	110
ITH STOCKTON	1.76	88	119.	6-1-91	THOMAS DAVIS	.54	27
AM JOPLIN	2.40	120	120.	6-1-91	MIDDLETON HILL DITCH CO.	17.00	850
DEPH GOBLE	.90	45	121.	X6-1-91	THOMAS ANDREWS	3.50	175
ANKLIN DITCH CO.	27.60	1380	122.	6-1-91	SETTLERS CANAL CO.	73.44	3672
EN V. WEBSTER	.90	45	123.	6-1-91	THOMAS AIKEN	.80	40
IE CAMPBELL	.60	30	124.	X5-1-93	RIVERSIDE IRRIG. DIST.	80.00	4000
F. BARBER	1.60	80	125.	X6-1-94	R. H. STOCKTON	1.76	88
ORA JOPLIN	3.40	170	126.	7-2-94	FARMERS UNION DITCH CO.	110.00	5500
M. HUTCHINSON	.44	22	127.	5-1-95	CHARLES REIN & JANE KEOM	1.00	50
JOHNSON	.44	22	128.	7-1-95	RATHEN CASEY	.66	33
REM J. JOPLIN	2.86	143	129.	X7-1-96	FARMERS COOP. DITCH CO.	83.50	4175
ES L. GRAHAM	2.20	110	130.	X10-1-99	RIVERSIDE IRRIG. DIST.	20.00	1000
FARMERS COOP DITCH	20.00	1000	131.	3-23-00	NEW YORK CANAL CO.	219.10	10955
ANCEIS M. JOPLIN	.90	45	132.	X5-17-00	CANYON DITCH CO.	10.00	500
A. BLACK	12.00	600	133.	X6-1-01	RIVERSIDE IRRIG. DIST.	70.00	3500
BEKA DITCH CO. NO. 2	21.70	1085	134.	X10-25-01	CANYON DITCH CO.	5.54	277
PIONEER IRRIG. DIST.	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		STEWART DEGREE	INTERVENORS		TOTAL SEC. FT.
			NO.	DATE		STEWART DEGREE	BRYAN DEGREE	
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	18	6-1-1864)	20.34			1017
			45	6-1-1869)				
		111	96	10-1-1887	1.20			60
		466	106	8-20-1888	8.90			445
		701	30	5-1-1866	2.00			100
								2591.48
SIAMPA & MERIDIAN			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
BUBB (SO. 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
PEEVES			53	6-1-1871	1.80			90
								1.80
ROSSI MILL			16	6-1-1865	9.20			460
			18	6-1-1865	.80			40
MANVILLE-LEONARD								10.00
			32	6-1-1866	3.50			175
								3.50

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-A

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		STEWART DEGREE	INTERVENORS			TOTAL SEC. FT.
			NO.	DATE		STEWART DEGREE	BRYAN DEGREE	INCHES	
DAVIS			94	6-1-1886	13.40			670	13.40
LITTLE DAVIS			119	6-1-1891	.54			27	.54
SETTLERS			92	10-17-1884	99.06			4953	
			122	6-1-1891	73.44			3672	
		347	3	6-1-1864	.14			7	
		349	3	6-1-1864	.14			7	
		350	3	6-1-1864	.14			7	
		357	65	6-1-1877	.20			10	
		412	81	6-1-1882	.40			20	
	76		85-B	4-1-1883		1.00		50	
	83		85-A	6-1-1882		.72		36	
		430	65	6-1-1877	.25			12.5	
		595	1	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
THURMAN HILL			7	6-1-1864	3.30			165	
			10	6-1-1865	1.20			60	
			11	6-1-1865	.66			33	
			36	6-1-1868	14.10			705	
			37	6-1-1868	3.70			185	
			42	6-1-1869	1.60			80	
			55	6-1-1872	.70			35	
			56	6-1-1872	1.40			70	
			62	6-1-1876	.44			22	
			75	6-1-1880	2.40			120	
			76	10-20-1880	.90			45	
			78	6-1-1882	.90			45	
			79	6-1-1882	.60			30	
			81	6-1-1882	2.60			130	
			84	6-1-1882	1.50			75	
			87	6-1-1883	.90			45	
			128	7-1-1895	.66			33	
		412°	81	6-1-1882	.40°			20°	37.16
		736°	37	6-1-1868	1.00°			50°	36.16

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-B

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	AMOUNT DECREE						TOTAL SEC. FT.
			PRIORITY NO.	DATE	INTERVENORS			INCHES	
					STEWART DECREE	STEWART DECREE	BRYAN DECREE		
PENITENTIARY	46		50	6-1-1866	2.24			112	2.24
GRUEN (CONSUMERS)									
			30	5-1-1866	50.00			2500	
		654*	30	5-1-1866	.50*			25*	
		654*	30	5-1-1866	1.00*			50*	
		654*	30	5-1-1866	.50*			25*	
		694*	30	5-1-1866	.16*			8*	
		694*	30	5-1-1866	.12*			6*	
		694*	30	5-1-1866	.14*			7*	
		694*	30	5-1-1866	.26*			13*	
		701*	30	5-1-1866	2.00*			100*	
		702*	30	5-1-1866	.60*			30*	
		712*	30	5-1-1866	.20*			10*	
		712*	30	5-1-1866	.20*			10*	
		712*	30	5-1-1866	.50*			25*	
		713*	30	5-1-1866	.54*			27*	43.20
		720*	30	5-1-1866	1.34*			67*	41.94
		737*	30	5-1-1866	1.10*			55*	
		739*	30	5-1-1866	.15*			7.5*	
		753*	30	5-1-1866	.46*			23*	
		754*	30	5-1-1866	.40*			20*	39.83
BOISE CITY									
			33	6-1-1866	38.06			1903	
		370*	33	6-1-1866	1.124*			56.2*	
		373*	33	6-1-1866	.374*			18.7*	36.562
FARMERS UNION									
			126	7-2-1894	110.00			5500	
		136	2	6-1-1864	20.00			1000	
		370	33	6-1-1866	1.124			56.2	
		373	33	6-1-1866	.374			18.7	
		374	65	6-1-1877	.40			20	
		375	65	6-1-1877	.20			10	
		384	65	6-1-1877	.40			20	
		385	65	6-1-1877	.266			13.3	
		386	65	6-1-1877	.40			20	
		387	65	6-1-1877	.40			20	
		391	3)	6-1-1864				7.5	
		391	54)	6-1-1871	.15				
		393	3	6-1-1864)				14.4	
		393	54	6-1-1871)	.288				
		393	120	6-1-1891)				25	
		395	65	6-1-1877	.50			12.5*	
		430*	65	6-1-1877	.25*			40	
			65	6-1-1877	.80			50	
		512	1	6-1-1864	1.00			25	
		513	1	6-1-1864	.50			15	
		530	1	6-1-1864	.30			54.46	2723
				7-2-1894					191.312

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-C

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREE				TOTAL SEC. FT.
			NO.	DATE	INTERVENORS				
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	
BOISE VALLEY			15	6-1-1865	54.50			2729	54.58
NEW UNION			14	6-1-1865	13.76			688	13.76
NEW DRY CREEK			72	6-1-1879	31.32			1566	
			93	6-1-1886	15.22			761	
			97	6-1-1888	7.86			393	
			123-A	4-1-1897		.54		27	
			73-A	4-1-1880		.54		27	
			75-A	6-1-1880		.816		40.8	
			85-C	5-1-1883		.203		10.15	
			85-E	5-1-1883		.35		17.5	
			124-A	5-1-1893		.825		41.25	
		306	3	6-1-1864)					
		300	54	6-1-1871)	.35			17.5	
		300	120	6-1-1891)					
		301	3)	6-1-1864				77	
		301	54)	6-1-1871	1.54				
		301	120)	6-1-1891					
	54		102	6-1-1888	.20			10	
	140		85-D	5-1-1883		.06		3	
	151*		124-A	5-1-1893		.135*		6.75*	
	161		103	6-1-1888	.65			32.5	
	174		103	6-1-1888	.24			12	
		713	30	5-1-1866	.54			27	61.119
BALLANTINE			98	6-1-1888	4.00			200	
			99	6-1-1888	1.30			65	
			100	6-1-1888	1.40			70	
			101	6-1-1888	1.46			73	
			102	6-1-1888	1.20			60	
			103	6-1-1888	1.40			70	
			123	6-1-1891	.80			40	
			66-A	4-1-1878		.80		40	
			66-C	4-1-1878		1.40		70	
			66-D	4-1-1878		.80		40	
			85-D	5-1-1883		.7506		37.53	
			136	5-1-1906		.356		17.8	
			65	6-1-1877	.60			30	
	57		102	6-1-1888	.20*			10*	
	64*		85-D	5-1-1883		.06*		3*	
	140*		124-A	5-1-1893		.135		6.75	
	151		103	6-1-1888	.65*			32.5*	
	161*		103	6-1-1888	.24*			12*	15.25
	174*								

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STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-D

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					INTERVENORS STEWART DECREE	STEWART DECREE	BRYAN DECREE	
MIDDLETON WATER			65	6-1-1877	144.08			5704
	36		35	6-1-1867	.38			19
	57*		65	6-1-1877	.60*			30*
	61		31 ^{2B}	6-1-1866		.60		30
	84*		65	6-1-1877	.80*			40*
	126		31 ^{2A}	6-1-1866		2.30		115
		357*	65	6-1-1877	.20*			10*
		374*	65	6-1-1877	.40*			20*
		375*	65	6-1-1877	.20*			10*
		384*	65	6-1-1877	.40*			20*
		385*	65	6-1-1877	.266*			13.3
		386*	65	6-1-1877	.40*			20*
		387*	65	6-1-1877	.40*			20*
		392*	65	6-1-1877	.40*			20*
		395*	65	6-1-1877	.50*			25*
								112.794
MIDDLETON HILL			3	6-1-1864	12.80			640
			40	6-1-1868	1.40			70
			54	6-1-1871	33.70			1685
			120	6-1-1891	17.00			850
	54		35	6-1-1867	1.11			55.5
	75*				.50*			25*
	147*		35	6-1-1867	.20*			10*
		300*	3)	6-1-1864				
		300*	54)	6-1-1871	.35*			17.5*
		300*	120)	6-1-1891				
		301*	3)	6-1-1864)				
		301*	54	6-1-1871)	1.54*			77*
		301*	120	6-1-1891)				
		347*	3	6-1-1864	.14*			7*
		349*	3	6-1-1864	.14*			7*
		350*	3	6-1-1864	.14*			7*
		391*	3	6-1-1864)				
		391*	54	6-1-1871)	.15*			7.5*
		393*	3)	6-1-1864				
		393*	54)	6-1-1871	.288*			14.4*
		393*	120)	6-1-1891				
		754	30	5-1-1866	.40			20
PIONEER			49	6-1-1870	25.72			1286
								25.72
LAWRENCE & KENNEDY			31 ^{2C}	6-2-1866		1.10		55
								1.10

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL READINGS

CHART NO. 25-E

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	AMOUNT DECREED						TOTAL SEC. FT.
			PRIORITY NO.	DATE	INTERVENORS			INCHES	
					STEWART DECREE	STEWART DECREE	BRYAN DECREE		
CANYON COUNTY			35	6-1-1867	75.80			3790	
			35-A	6-1-1867		1.76		88	
	29				1.00			50	
	36*		35	6-1-1867	.38*			19*	
	54*		35	6-1-1867	1.11*			55.5*	
	59		31	6-1-1866	2.60			130	
	75				.50			25	
	147		35	6-1-1867	.20			10	80.37
LEMP DITCH			29-A	1865		6.00		300	6.00
CONNAY & HAMMING			48	6-1-1870	2.60			130	
			64	6-1-1877	.90			45	
			118	6-1-1891	2.20			110	5.70
TNGS. AIKEN			63	6-1-1877	5.20			260	5.20
CATLIN & MACE			5	6-1-1864	2.86			143	
			52	6-1-1871	7.86			393	
	179*		5)	6-1-1864					
			52)	6-1-1871	.24*			12	10.48
			138	6-14-1912		.40		20	10.88
MACE & MACE			137	5-1-1909		1.60		80	1.60
HART & DAVIS			6	6-1-1864	3.30			165	
			57	6-1-1872	4.40			220	
			58	6-1-1872	3.30			165	
					1.04*			52*	9.96
	38*								
	39*								
GRAHAM & GILBERT			12	6-1-1865	4.40			220	4.40
WARM SPRINGS SLOUGH			61	6-1-1876	2.30			115	
			80	6-1-1882	1.60			80	
			82	6-1-1882	.44			22	
			83	6-1-1882	.44			22	
			84	6-1-1882	1.36			68	
			85	6-1-1882	2.20			110	
			85-A	6-1-1882		1.60		80	
			85-A	6-1-1882		.72*		36*	9.22
	83*								

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-F

NAME OF CANAL	CHANGE IN P. OF D. TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
		NO.	DATE	INTERVENORS			INCHES	
				STEWART DECREE	STEWART DECREE	BRYAN DECREE		
JOPLIN		81	6-1-1882	.80			40	
		115	6-1-1889	.06			3	
		116	6-1-1889	1.20			60	2.06
SEVEN SUCKERS	38			1.04			52	
	39							
	179	5)	6-1-1864	.24			12	1.28
		52)	6-1-1871					
MYLLIS		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	670.50
EUREKA NO. 1		13	6-1-1865	33.32			1666	33.32
CALDWELL HIGH LINE		34	6-1-1866	15.40			770	
		46	6-1-1869	37.20			1860	
		77	10-29-1880	27.60			1380	
	29*			1.00*			50*	80.20
FARMERS COOP. DITCH		60	6-1-1875	10.00			500	
		86	6-1-1883	20.00			1000	
		105	7-1-1888	50.00			2500	
		129	7-1-1896	83.50			4175	
			4-1-1905			154.45	7722	
	717	9	6-1-1865	.64			32	318.59
CANYON DITCH CO.		132	5-17-1900	10.00			500	
		134	10-25-1901	5.54			277	
	38	96	10-1-1887	12.10			605	
	105	9	6-1-1865	.50			25	28.14
SIEBENBERG		9	6-1-1865	13.42			671	
	105*	9	6-1-1865	.50*			25*	
	717*	9	6-1-1865	.64*			32*	12.28

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-B

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		INTERVENORS				TOTAL SEC. FT.	
			NO.	DATE	STEWART	STEWART	BRYAN	INCHES		
					DECREE	DECREE	DECREE			
RIVERSIDE			88	6-1-1883	12.00			600		
			91	6-1-1884	20.00			1000		
			95	1-23-1887	4.00			200		
			124	5-1-1893	80.00			4000		
			130	10-1-1899	20.00			1000		
			133	6-1-1901	70.00			3500		
			77-A	4-15-1882		3.674		183.7		
			116-A	6-1-1890		.72		36		
			116-B	6-1-1890		.10		5		
			116-C	6-1-1890		.40		20		
				4-1-1910			63.78	3189		
				4-1-1914			17.80	885		
		608°	88	6-1-1883	1.00°			50°		
		644°	88	6-1-1883	.70°			35°		
		660°	88	6-1-1883	.60°			30°		
	35				2.00			100		
	175°		88	6-1-1883	1.70°			85°	290.374	
	PIONEER DIXIE			8	6-1-1864	20.00			1000	
				45	6-1-1869	35.44			1772	
			36	96	10-1-1887	2.00			100	
		48	96	10-1-1887	4.20			210		
		62°	96	10-1-1887	1.00°			50°		
		111°	8)	6-1-1864						
			45)	6-1-1869	20.34°			1017°		
		608	88	6-1-1883	1.00			50		
		644	88	6-1-1883	.70			35		
		660	88	6-1-1883	.60			30		
35°					2.00°			100°		
148°			96	10-1-1887	1.50°			75°	39.10	
EUREKA NO. 2				89	11-9-1883	21.70			1085	
			47	96	10-1-1887	29.50			1475	
			62	96	10-1-1887	1.00			50	
		71	24	6-1-1865	.80			40		
				6-1-1865	.50			25		
	85				1.20°			60		
		111°	96	10-1-1887	.70°			35°		
	131°		89	11-9-1883	.10			5		
	159			6-1-1865	.10			85	53.40	
	175		83	6-1-1883	1.70					

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25-H

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		INTERVENORS			INCHES	TOTAL SEC. FT.
			NO.	DATE	STEWART	STEWART	BRYAN		
					DECREE	DECREE	DECREE		
UPPER CENTER POINT			23	6-1-1865	3.20			160	
			24	6-1-1865	2.40			120	
			25	6-1-1865	3.94			197	
			26	6-1-1865	1.60			80	
			27	6-1-1865	1.58			79	
		71*	24	6-1-1865	.80*			40*	
	85*			6-1-1865	.50*			25*	
	148		96	10-1-1887	1.50			75	
	159*			6-1-1865	.10*			5*	12.82
LOWER CENTER POINT			19	6-1-1865	2.88			144	
			20	6-1-1865	6.40			320	
			21	6-1-1865	2.90			145	
			22	6-1-1865	3.20			160	
			38	6-1-1868	3.20			160	
			43	6-1-1869	3.60			180	
			73	6-1-1879	4.00			200	
	50*		19	6-1-1865	2.88*			144*	
	51*		20	6-1-1865	6.40*			320*	
	131		89	11-2-1883	.70			35	17.60
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.80*			40*	8.48
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
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

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREE			TOTAL	
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	SEC. FT.
LARSEN-BAXTER-LEMP			75-A	1880		3.20		160	
			20	6-1-1865	.80			40	4.00
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
ANDREWS DITCH			4	6-1-1864	3.30			165	
			29	6-1-1865	6.00			300	
			44	6-1-1869	8.50			425	
			51	6-1-1870	1.30			65	
			104	6-1-1888	.90			45	
			121	6-1-1891	3.50			175	23.50
PARMA DITCH			71	6-1-1878	4.40			220	
			74	6-1-1880	6.76			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		1.80		40	
			77-D	6-1-1881		1.30		65	11.96
O'DONNELL DITCH			114-A	5-1-1889		1.60		80	
			114-B	5-1-1889		.80		40	2.40

*SUBTRACT

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%
1 THOMAS DAVIS	1	2.20	1.65	1.32		1073.81	1386.49
2 JACOB'S CANAL CO. *	1	20.00	20.00	20.00			
3 MIDDLETON HILL DITCH CO.	1	12.80	9.60	7.68		1075.73	1389.69
4 THOMAS ANDREWS	3	3.30	2.48	1.98			
5 CATLIN & MADE	1	2.86	2.15	1.72		1076.16	1390.40
6 T. C. CATLIN	1	3.30	2.48	1.98		1076.66	1391.22
7 C. C. NAVARD	1	3.30	2.48	1.98		1077.16	1392.04
8 PIONEER DIXIE DITCH CO.	2	20.00	15.00	12.00			1397.04
9A ADOLPH BÄHLER	1	.80	.60	.48		1077.28	1397.24
9B FIRST NAT'L BANK OF PUEBLO	1	1.80	1.35	1.08		1077.55	1397.69
9 SIEDENBERG	2	13.42	10.07	8.05			1401.04
10 ALLEN T. HEBSTER	1	1.20	.90	.72		1077.73	1401.34
11 J. F. YARYAN	1	.66	.50	.40		1077.83	1401.50
12 GRAHAM & GILBERT	1	4.40	3.30	2.64		1078.49	1402.60
13 EUREKA WATER CO.	1	33.32	24.99	19.99		1083.49	1410.93
14 NEW UNION DITCH CO.	1	13.76	10.32	8.26		1085.55	1414.37
15 BOISE VALLEY IRR. CO.	1	54.58	40.94	32.75		1093.74	1428.01
16 RIDENBAUGH & ROSSI	1	9.20	6.90	5.52		1095.12	1430.31
17 RIDENBAUGH & ROSSI (POWER)	1						
18 DENVER & IDAHO LAND CO.	1	.80	.60	.48		1095.24	1430.51
19 MARTHA BOWMAN	2	2.88	2.16	1.73			1431.23
20 BIRD BOWMAN	2	6.40	4.80	3.84			1432.83
21 G. W. GESS	2	2.90	2.18	1.74			1433.55
22 ROBERT MCGUIRE	2	3.20	2.40	1.92			1434.35
23 C. W. COOPER	2	3.20	2.40	1.92			1435.15
24 J. W. RONLAND	2	2.40	1.80	1.44			1435.75
25 DRAPER & WELLS	2	3.94	2.96	2.36			1436.73
26 THOMAS J. PALMER	2	1.60	1.20	.96			1437.13
27 NOAH W. PALMER	2	1.58	1.19	.95			1437.52
28 J. N. TUCKER	3	7.00	5.25	4.20			1437.52
29 THOMAS ANDREWS	3	6.00	4.50	3.60		1075.14	1377.32
29A LOUISE SIMONSON	1	6.00	4.50	3.60		1096.14	1439.02
29B S. G. HARDIES & AMELIA EISLEY	1	.50	.38	.30		1096.22	1439.14
30 J. PERRAULT & R. JOHNSON*	1	50.00	50.00	50.00			
31 WILLIAM P. KENNEDY	1	2.60	1.95	1.56		1096.61	1439.79
31A WM RUSSELL	1	2.30	1.73	1.38		1096.96	1440.36
31B MINNIE & JERRY COUZENS	1	.60	.45	.36		1097.05	1440.51
31C ALBERT C. BOWERMAN	1	1.10	.83	.66		1097.22	1440.78
32 RANVILLE & LEONARD	1	3.50	2.63	2.10		1097.75	1440.65
33 BOISE CITY CANAL CO.	1	38.06	28.55	22.83		1103.47	1451.16
34 FRANKLIN DITCH CO.	1	15.40	11.55	9.24		1105.78	1455.01
35 CANYON COUNTY WATER CO.	1	75.80	56.85	45.48		1117.15	1473.96
35A RALPH T. KNIGHT	1	1.76	1.32	1.06		1117.41	1474.40
36 MARTHA E. MCCARTHY	1	14.10	10.58	8.46	8.46	1119.53	1477.92

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

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

NECESSARY AT DIVERSION DAM TO FILL SAME

NO.	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%
37	H. D. & DORA GOODMAN	1	3.70	2.78	2.22	10.68	1120.09	1478.84
38	T. T. JOHNSON	2	3.20	2.40	1.92			1479.64
39	ROSS, ALLEN, DILLEY & ROSS	3	8.54	6.41	5.12			
40	S. S. GRAY	1	1.40	1.05	.84	11.52	1120.30	1479.99
41	JOHN HAMMON	3	1.80	1.35	1.08			
42	YSSAC BEDAL	1	1.60	1.20	.96	12.48	1120.54	1480.39
43	FREDERICH ODE	2	3.60	2.70	2.16			1481.29
44	PRIOR BURNETT	3	8.90	6.38	5.10			
45	PIONEER DIXIE DITCH CO.	2	35.44	26.58	21.26			1490.15
46	MASON CREEK DITCH CO.	1	37.20	27.90	22.32	34.80	1126.12	1499.45
47	T. M. BOONE	3	3.50	2.63	2.10			
47A	ADOLPH BÄHLER	1	.80	.60	.48	35.28	1126.24	1499.65
48	M. J. HAMMING	1	2.60	1.95	1.56	36.84	1126.63	1500.30
49	PIONEER CANAL	1	25.72	19.29	15.43	52.27	1130.49	1506.73
50	BARBER LUMBER CO.	1	2.24	1.68	1.34	53.61	1130.83	1507.29
51	THOMAS ANDREWS	3	1.30	.98	.78			
51A	S. G. HARDIES & AMELIA EISLEY	1	1.00	.75	.60	54.21	1130.98	1507.54
52	CATLIN & MACE	1	7.86	5.90	4.72	58.93	1132.16	1509.50
53	PETER MEYER	1	1.00	1.35	1.08	60.01	1132.43	1509.95
54	MIDDLETON MILL DITCH CO.	1	33.70	25.28	20.22	60.23	1137.49	1518.37
55	J. F. YARYAN	1	.70	.53	.42	80.65	1137.60	1518.54
56	J. F. YARYAN	1	1.40	1.05	.84	81.49	1137.81	1518.89
57	MARY C. DAVIS	1	4.40	3.30	2.64	84.13	1138.47	1519.99
58	EDWARD N. HART	1	3.30	2.48	1.98	86.11	1138.97	1520.81
59	T. M. BOONE	3	2.20	1.65	1.32			
60	FARMER'S COOP. DITCH CO.	2	10.00	7.50	6.00			1523.31
61	EDWARD & MARY CLARK	1	2.30	1.73	1.38	87.49	1139.32	1523.88
62	JOHN CECIL	1	.44	.33	.26	87.75	1139.39	1523.99
63	THOMAS AIKEN	1	5.20	3.90	3.12	90.87	1140.17	1525.29
64	W. H. CONWAY	1	.90	.68	.54	91.41	1140.31	1525.51
65	MIDDLETON WATER CO.	1	114.08	85.56	68.45	159.86	1157.42	1554.03
66	PERRAULT & JOHNSON (POWER)							
66A	J. S. KRAUS	1	.80	.60	.48	160.34	1157.54	1554.23
66C	J. W. KOLANDER	1	1.40	1.05	.84	161.18	1157.75	1554.58
66D	M. T. GRIFFITH	1	.80	.60	.48	161.66	1157.87	1554.78
67	NAMPA, MERIDIAN IRRIG. DIST.	1	170.00	127.50	102.00	263.66	1183.37	1597.28
68	JOHN HAMMON	3	4.20	3.15	2.52			
69	JULIA HAMMON	3	3.36	2.52	2.02			
70	CHARLES ALLEN	3	8.80	6.60	5.28			
71	R. H. STOCKTON	3	4.40	3.30	2.64			
71A	ISLAND HIGHLINE DITCH CO.	3	3.00	2.25	1.80			
72	NEW DRY CREEK DITCH CO.	1	31.32	23.49	18.79	282.45	1188.07	1605.11
73	D. MUMFORD	2	4.00	3.00	2.40			1606.11

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

NECESSARY AT DIVERSION DAM TO FILL SAME

NO.	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%
73A	GOBLE & SONGER	1	.54	.41	.32	282.77	1188.16	1606.24
74	SMITH STOCKTON	3	1.76	1.32	1.06			
75	ISHAM JOPLIN	1	2.40	1.80	1.44	284.21	1188.52	1606.84
75A	C. B. FRANK	1	.816	.61	.49	284.70	1188.64	1607.05
75A	ALBERT LEMP ET AL	3	3.20	2.40	1.92			
76	JOSEPH GOBLE	1	.90	.68	.54	285.24	1188.78	1607.27
77	FRANKLIN DITCH CO.	1	27.60	20.70	16.56	301.80	1192.92	1614.17
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			
77E	ROC HELMS	2	3.674	2.76	2.20			1615.08
78	ALLEN V. WEBSTER	1	.90	.68	.54	302.34	1193.06	1615.30
79	SUBIE CAMPBELL	1	.60	.45	.36	302.70	1193.15	1615.45
80	J. T. BARBER	1	1.60	1.20	.96	303.66	1193.39	1615.85
81	SHORA JOPLIN	1	3.40	2.55	2.04	305.70	1193.90	1616.70
82	S. W. HUTCHINSON	1	.44	.33	.26	305.96	1193.97	1616.81
83	JOHNSON	1	.44	.33	.26	306.22	1194.04	1616.92
84	ANDREW J. JOPLIN	1	2.86	2.15	1.72	307.94	1194.47	1617.65
85	JAMES L. GRAHAM	1	2.20	1.65	1.32	309.26	1194.80	1618.18
85A	LEO MARSTERS	1	1.60	1.20	.96	310.22	1195.04	1618.58
85B	JACOB BINGHAM	1	1.00	.75	.60	310.82	1195.19	1618.83
85C	WM HUCKBA	1	.203	.15	.12	310.94	1195.22	1618.88
85D	C. H. SCHMELZER	1	.7506	.56	.45	311.39	1195.33	1619.07
85E	C. W. MCCLURG	1	.35	.26	.21	311.60	1195.38	1619.16
86	FARMERS COOP. DITCH	2	20.00	15.00	12.00			1624.16
87	FRANCIS M. JOPLIN	1	.90	.68	.54	312.14	1195.52	1624.38
88	W. A. BLACK	2	12.00	9.00	7.20			1627.38
89	EUREKA DITCH CO. NO. 2	2	21.70	16.28	13.02			1632.80
90	PIONEER IRRIG. DIST.	1	53.10	39.83	31.86	344.00	1203.49	1646.07
91	RIVERSIDE IRRIG. DIST.	2	20.00	15.00	12.00			1651.07
92	SETTLERS CANAL CO.	1	99.06	74.30	59.44	403.44	1218.35	1675.83
93	NEW DRY CREEK CO.	1	15.22	11.42	9.13	412.57	1220.64	1679.63
94	THOMAS DAVIS	1	13.40	10.05	8.04	420.61	1222.65	1682.98
95	WM. E., L. & E. YOUNG	2	4.00	3.00	2.40			1683.98
96	AMERICAN DITCH ASSOC.	2	47.00	35.25	28.68			1695.93
97	NEW DRY CREEK DITCH	1	7.06	5.90	4.72	425.33	1223.83	1697.89
98	A. V. LINDER	1	4.00	3.00	2.40	427.73	1224.43	1698.89
99	LEVI SMITH	1	4.00	3.00	2.40	428.51	1224.63	1699.21
100	CHARLOTTE CALHOUN	1	1.30	.98	.78	429.35	1224.84	1699.56
101	ED J. LINDER	1	1.40	1.05	.84	430.23	1225.06	1699.92
102	LIZZIE EVERETT	1	1.46	1.10	.88	430.95	1225.24	1700.22
103	JESSIE WILSON	1	1.28	.90	.72	431.79	1225.45	1700.57
104	THOMAS ANDREWS	3	1.40	1.05	.84			
			.90	.68	.54			

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

<u>NO.</u>	<u>NAME</u>	<u>RIVER SECTION</u>	<u>100% OF DECREE</u>	<u>75% OF DECREE</u>	<u>60% OF DECREE</u>	<u>FLOW NECESSARY TO FILL TO 60%</u>	<u>FLOW NECESSARY TO FILL TO 75%</u>	<u>FLOW NECESSARY TO FILL TO 100%</u>
105	FARMERS COOP. DITCH	2	50.00	37.50	30.00			1713.07
106	NAMPA MERIDIAN IRR. DIST.	1	361.94	271.46	217.16	648.95	1279.75	1803.55
106	BOARD OF CONTROL	1	8.90	6.67	5.34	654.29	1281.08	1805.78
107	CHARLES S. MILLER	1	.06	.05	.04	654.33	1281.09	1805.79
108	LAMMIS L. HOSLEY	1	.02	.015	.01	654.34	1281.09	1805.80
109	S. J. UTTER, & C. B. TAYLOR	1	2.40	1.80	1.44	655.78	1281.45	1806.40
110	SOUTH BOISE MUTUAL IRR. CO.	1	6.00	4.50	3.60	659.38	1282.35	1807.90
111	ESTATE OF J. H. GALLAGHER	1	2.94	2.21	1.76	661.14	1282.80	1808.63
112	ANNA H. FOGARTY	1	.05	.04	.03	661.17	1282.81	1808.64
113	GRACE CALL	1	.10	.08	.06	661.23	1282.83	1808.66
114	SAMUEL H. CANFIELD	1	.03	.02	.02	661.25	1282.83	1808.67
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	1282.84	1808.68
116	SONORA JOPLIN	1	1.20	.90	.72	662.01	1283.02	1808.98
116A	S. G. HARDIES & AMELIA EIDLEY	1	.84	.63	.50	662.51	1283.15	1809.19
116A	ANNA SPENCER	2	.72	.54	.43			
116B	HILLIS SPENCER	2	.10	.08	.06			
116C	REBECCA BELL	2	.40	.30	.24			
117	PIONEER IRR. DIST	1	200.00	150.00	120.00	782.51	1313.15	1899.49
118	W. H. CONWAY	1	2.20	1.65	1.32	783.83	1313.48	1860.04
119	THOMAS DAVIS	1	.54	.41	.32	784.15	1313.57	1860.17
120	MIDDLETON MILL DITCH	1	17.00	12.75	10.20	794.35	1316.12	1864.42
121	THOMAS ANDREWS	3	3.50	2.63	2.10			
122	SETTLERS CANAL CO.	1	73.44	55.08	44.06	838.41	1327.14	1882.78
123	THOMAS AIKEN	1	.80	.60	.48	838.89	1327.26	1882.98
124	RIVERSIDE IRR. DIST.	2	80.00	60.00	48.00			
124A	W. D. CHARTERS	1	1.00	.75	.60	839.49	1327.41	1903.23
125	R. H. STOCKTON	3	1.76	1.32	1.06			
126	FARMERS UNION DITCH	1	110.00	82.50	66.00	905.49	1343.91	1930.73
127	CHARLES REIN & JAMES KEOGH	1	1.00	.75	.60	906.09	1344.06	1930.98
128	MATHEW CASEY	1	.66	.50	.40	906.49	1344.16	1931.14
129	FARMERS COOP. DITCH	2	83.50	62.63	50.10			
129A	H. E. PLAIN	1	.54	.41	.32	906.81	1344.25	1952.01
130	RIVERSIDE IRR. DIST	2	20.00	15.00	12.00			
131	NEW YORK CANAL CO.	1	219.10	164.33	133.46	1038.27	1377.12	2011.91
132	CANYON DITCH CO.	2	10.00	7.50	6.00			
133	RIVERSIDE IRRIG. DIST.	2	70.00	52.50	42.00			
134	CANYON DITCH CO.	2	5.54	4.16	3.32			
135	PIONEER IRR. DIST	1	56.34	42.26	33.80	1072.07	1385.58	2047.37
136	H. E. WIMER	1	.356	.27	.21	1072.28	1385.64	2047.46
137	B. P. WEAVERLING	1	1.60	1.20	.96	1073.24	1385.88	2047.86
137A	ISLAND HIGHLINE DITCH CO.	3	7.00	5.25	4.20			
138	WESLEY A. RACE	1	.40	.30	.24	1073.48	1385.94	2047.96
139	ISLAND HIGHLINE DITCH CO.	3	10.00	7.50	6.00			

(SEE NOTES IN FRONT OF REPORT FOR FURTHER EXPLANATIONS)

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

<u>PRIORITY</u> <u>DATE</u>	<u>NAME</u>	<u>100% OF</u> <u>DECREE</u>	<u>75% OF</u> <u>DECREE</u>	<u>60% OF</u> <u>DECREE</u>	<u>FLOW NECESSARY</u> <u>TO FILL TO 60%</u>	<u>FLOW NECESSARY</u> <u>TO FILL TO 75%</u>	<u>FLOW NECESSARY</u> <u>TO FILL TO 100%</u>
7-2-94	FARMERS UNION	54.46	40.85	32.68	2080.64	3843.60	4295.92
3-23-00	NEW YORK IRRIGATION DIST.) BOISE KUNA IRRIG. DIST)	58.86	44.15	35.32	2159.96	3852.43	4310.63
12-14-03	UNITED STATES OF AMERICA	1354.58	1015.94	812.75	2928.71	4055.62	4649.27
4-1-05	PIONEER IRRIGATION DIST.	306.56	229.92	183.94	3112.65	4101.60	4725.91
4-1-05	FARMERS COOPERATIVE DITCH CO.	154.45	115.84	92.67	3205.32	4124.77	4764.52
4-1-05	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3208.56	4125.58	4765.87
4-1-08	PIONEER IRRIGATION DIST.	54.50	40.88	32.70	3241.26	4133.76	4779.49
6-1-09	UNITED STATES OF AMERICA	926.50	694.88	555.90	3797.16	4272.74	5011.11
4-1-10	RIVERSIDE IRRIGATION DIST.	63.78	47.84	38.27	3835.43	4282.31	5027.05
1-13-11*	UNITED STATES OF AMERICA (ARROWROCK STORAGE)	8000.00					13027.05
4-1-14	RIVERSIDE IRRIGATION DIST	17.70					13044.75

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

