

WATER DISTRIBUTION OF BOISE RIVER

DISTRICT NO. 12-A

1943

224212

1943

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1943

(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 RESERVOIR)

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

BY

WM. E. WELSH
WATERMASTER, BOISE RIVER

C H A R T S

1943

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 46-year period. 2-L, 2-M are tables showing natural flow of Boise River by days for three years--1941, 1942 and 1943.
3. Table showing mean daily flow of Boise River for a 42-year period.
4. Table showing monthly and annual flow of Boise River in acre feet for the irrigation years beginning 1894-1895.
5. 5-A, 5-B, 5-C, 5-D, and 5-E, daily discharge of all canals (Sections 1 and 2) for irrigation season of 1943.
6. Summary table in acre feet showing monthly and total canal diversions for the irrigation season of 1943.
7. Summary table showing total annual diversions for all Boise Valley canals beginning 1916.
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 of 1943.
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 of 1943.
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 of 1943.
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 hours second feet for irrigation season of 1943.
12. Table showing acreage under all canals in the Boise Valley.

C H A R T S

(Continued)

13. Table for Boise Valley canals showing acre feet diverted, acres irrigated and acre feet per acre diverted for the season of 1943.
14. Table showing acre feet per acre diverted by 18 canals from Boise River for each irrigation season beginning in 1916.
15. Summary table showing diversions from Boise River in acre feet, acre feet per acre, and the rate in miner's inches per acre for 18 Boise Valley canals for each month of the irrigation season during the years 1916 to 1943 inclusive; also, the percent diverted during each month.
16. Chart showing average headgate duty of water for 18 Boise Valley canals.
17. Table showing total canal diversions and total discharge of drainage canals in Drainage District No. 2 for the irrigation season of 1943.
18. Summary table of return flow to Boise River between the Government Diversion Dam and Notus beginning 1914.
19. Two tables showing total discharge of all drainage canals in Drainage Districts No. 3 and 4, for the irrigation season of 1943.
20. 20-A, 20-B, revised area and capacity table for Arrowrock Reservoir.
21. Table showing additional decrees on Boise River (Intervenors in the Stewart Decree), giving priority number, date and amount decreed.
22. Table showing change in point of diversion of decreed rights on Boise River.
23. Table showing transfer 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 and 25-D are tables of the Stewart Decree grouped under canal headings.
26. 26-A, 26-B, 26-C, tables in second feet showing decreed rights (Stewart Decree) and natural flow at Diversion Dam necessary to fill same. 26-D, table in second feet showing decreed rights (Bryan Decree) and natural flow in second feet necessary at Diversion to fill same.

ORGANIZATION

The Boise River Organization consists of a Chairman and Secretary, an Advisory Committee of 9 members, a Watermaster, one Assistant who is employed during that part of the irrigation season when it is necessary to regulate diversions from the river and one part time Secretary and stenographer.

The Advisory Committee, although not authorized by law, is elected by the water-users at the annual meeting on the first Monday in March. This Advisory Committee is selected from the various sections of the Boise Valley. In addition to preparing and recommending a budget for the annual meeting, it meets from time to time to consider various questions affecting the water-users and the water rights from the Boise River. It also considers and assists in determining questions of policy having to do with the operation of Water District 12-A.

This committee for 1943 was as follows:

Ed Straus	Chairman
I. A. Weaver	Secretary
Ernest Anderson	
J. C. Bell	
T. M. DeCoursey	
John Demond	
W. T. Evans	
C. B. Lundy	
H. V. Rice	

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

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

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 priority and acreage, but remanded to the District Court for the sole and only purpose of determining the duty of water, where it is still pending. A temporary order providing for the distribution of the waters of Boise River was issued by the District Court from year to year. In 1919 this order was made continuing and is still in effect. It provided for the distribution of the waters from Boise River in the following manner, to-wit: "The various rights, as adjudicated in the so-called 'Stewart Decree' shall receive 100 per cent, until the natural flow of the waters of Boise River shall decrease, until all the rights in said decree cannot receive 100 per cent, at which time the various rights as adjudicated in the so-called 'Stewart Decree' shall first be cut to 75 per cent 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 per cent of the amount fixed in the Stewart Decree, should the natural flow of the waters in Boise

River decreases below the amount necessary to supply said 75 per cent 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 per cent of the amount specified in the Stewart Decree and 60 per cent of the amount decreed in the Stewart Decree is hereby fixed and determined as the highest duty of water for the year 1919."

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, 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. This order has remained in effect since that time.

Charts 26, 26-A, 26-B, 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 per cent, 75 per cent, and 60 per cent, 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 per cent, 75

per cent and 100 per cent. In computing the amounts necessary to fill the various rights in this table it is assumed that the return flow will fill the first 32 rights to 60 per cent of the amount decreed. It is also assumed that the return flow to Section 2 and 3 of the River would fill the rights with points of diversion in those sections of the River to 75 per cent of the amount decreed.

Charts 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 water users to whom decree was issued, amount of decree in second feet showing 100 per cent, 75 per cent and 60 per cent. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Flood Water Decree to 60 per cent, 75 per cent and 100 per cent.

BOISE RIVER RUNOFF AND AVAILABLE WATER SUPPLY

The total natural flow for the year ending September 30, 1943 was the largest of record, 3,569,848 acre feet. A flood of catastrophic proportions, however, was averted by a combination of circumstances, including an unusually early spring and a resultant early runoff coupled with a sudden drop in temperature just at the time when a flood seemed imminent on April 19th and the further fact that after that date and during the remainder of the spring season, there was no more unusually warm weather. Consequently, the flood season or spring run-off was well sustained carrying over into July. In spite of these favorable weather conditions, it has been estimated that the total damages caused by the 1943 flood considerably exceeded \$500,000. A report dealing more fully with the flood problems involved may be found on file in the Watermaster's office entitled "Boise River Flood Control—Proposal for Immediate Post-War Program, Wm. E. Welsh, Watermaster, January, 1944."

From an irrigation standpoint, the season of 1943 was also probably the best of record. It was not necessary to begin regulations of canal diversions until July 18th. As indicative of the amount of water available for irrigation, there was a storage carry over as follows:

Arrowrock	30,960 acre feet
Deer Flat	44,232 " "

Charts 2 to 2-K inclusive show the daily natural flow of the Boise River from 1895 to 1940 inclusive. Charts 2-L and 2-M show the daily natural flow of the Boise River for the years, 1941, 1942 and 1943.

Chart 3 is a table showing the mean daily flow of the Boise River for a 42 year period.

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 - 1895.

CANAL REGULATIONS

As previously stated, it was not necessary to begin canal regulations until July 18th.

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 of 1943.

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.

TRIBUTARY GAIN

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

Charts 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 of 1943.

RIVER FLUCTUATION

Fluctuations caused by so many factors beyond the control of the Watermaster always have been and always will be a menacing problem from the standpoint of maintaining a steady flow of water at the lower end of the Boise River.

CLASSIFICATION OF RIVER

The Boise River naturally divides itself into three separate and distance 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 August 1st to September 30, inclusive. The average net gain in this section during this period was 195 second feet.

SECTION II

Chart 11 is a table showing the condition that existed in this section during the period from August 1st to September 30, inclusive.

There are 8 canals diverting water from this section, with an aggregate decreed right of 540 second feet. Usually it is necessary to run "live water", or natural flow, past the headgate of the Caldwell High Line Canal and into this section of the River during the Spring months and until the rights in the Stewart Decree are cut to 75 per cent. After that time the River is dried completely at the headgate of the Caldwell High Line Canal and these 8 canals diverting from Section II of the River are supplied entirely from return flow. For the first time in the history of Boise River operation, there was more water in this section of the river than was necessary to fill the irrigation requirements of these canals practically every day of the entire season.

The average return flow to this section during this period was 552 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 this section. In fact, during all of the time in which records have been kept of the distribution of the waters of the Boise River beginning in 1914 there has been only one year, 1931, during which it was necessary to regulate diversions from this section of the River.

DUTY OF WATER

The following statement, a repetition from previous reports, is again included in this report.

"The 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.

"In the opinion of the writer it is doubtful if a fixed and established duty of water will every prove satisfactory for the Boise Valley. A duty of water that would take care of crop requirements for one season would be inadequate for another. Seasonal conditions are continually changing. Likewise, conditions over the valley are changing. Our knowledge and methods of irrigation are constantly improving with each year of experience.

"An arbitrary duty should not be established without taking into consideration the inherent rights of all those persons who are dependent upon this great natural resource for their subsistence.

"An arbitrary duty, if established, should be subject to change from time to time. What that duty should be, I am not prepared to say."

Following is a 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 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 to-day might

prove entirely inadequate fifty years from now. Posterity should not be handicapped by our present-day limitations.

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

3. The best information at hand to-day 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, that 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 above "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 minor'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 exception should be determined before a decree is entered or stipulation is signed."

The temporary court order providing for the "Sliding scale cuts", under which the Boise River has been operated for more than twenty years, has proved very satisfactory when the

entire valley is taken into consideration. The temporary 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 each season for the canals of the Boise Valley.

Chart 13 is a table showing the total amount diverted, the acres irrigated and the acre feet per acre diverted from the River by the various canals of the Boise Valley. 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.

Chart 14 is a summary table for the years beginning 1916 for 18 Boise Valley Canals showing the acre feet per acre diverted.

Chart 15 is a table for 18 Boise Valley Canals beginning 1916 showing the total acre feet diverted, acre feet per acre, rate in miner's inches per acre, and per cent per month.

Chart 16 shows the average headgate duty of water for 18 Boise Valley Canals.

DRAINAGE

Chart 17 shows the total canal diversions and the total drainage discharge for Drainage District No. 2 for the season of 1943. Drainage District No. 3, frequently referred to as the South Boise Drainage District, is situated in South Boise. This district has four drains or outlets emptying into Boise River and comprises an area of approximately 4,200 acres.

Drainage District No. 4, frequently referred to as the Thurman Drain, comprising an area of approximately 2,500 acres,

is situated south of the Boise River and opposite the town of Eagle. This district has only one outlet to the River.

Chart 19 is a table showing the discharge of all drains in Drainage Districts No. 3 and 4.

Chart 18 is a table showing the average return flow to the Boise River for the period beginning 1914.

ARROWROCK CAPACITY

Charts No. 20, 20-A and 20-B show the W. G. Steward capacity table for Arrowrock Reservoir as revised by W. H. Tuller, Project Manager, Boise Project.

ADDITIONAL DECREES

Chart No. 21 is a table showing the additional decrees obtained by intervenors in the case of Farmers Cooperative Ditch Company, plaintiff, vs. Riverside Irrigation District, Ltd., et al, defendants, which is commonly referred to as the "Stewart Decree."

CHANGE IN POINT OF DIVERSION

Chart No. 22 is a table showing the change in the point of diversion of the decreed rights on the Boise River as recorded in the office of the State Reclamation Engineer.

TRANSFERS

Chart No. 23 is a table showing the transfers of decreed rights on the Boise River as recorded in the office of the State Reclamation Engineer.

STEWART DECREE

Chart No. 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 No. 26, 26-A, 26-B and 26-C are tables showing decreed rights as contained in the Stewart Decree and the natural flow at the Diversion Dam necessary to fill the same.

STEWART AND BRYAN DECREE GROUPED BY CANAL HEADINGS

These tables, Charts No. 25-A, 25-B, 25-C and 25-D, have been compiled for the benefit of those canal companies who have more than one date of priority. These tables show the date and amount of each priority and the total amount decreed.

BRYAN DECREE

Chart No. 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

Although the question of watershed protection has not been given a great deal of attention by the waterusers during the past several years, it should always remain a matter of serious concern to the Boise Valley. The waterusers should continue to cooperate and work closely with the various State and Federal Agencies having jurisdiction over the watershed and its uses.

SUPPLEMENTAL WATER

The Southwestern Idaho Water Conservation Project have done an excellent job in getting the necessary appropriations to keep the work at Anderson Ranch going, especially under war-time conditions. When completed, it is expected that this Reservoir will practically eliminate all water shortages in the Boise Valley.

COST REPORT - 1943

Watermaster Salary	\$ 3338.60	
Assistant Watermaster Salary.....	150.40	
Car Mileage.....	1230.88	
Miscellaneous.....	629.73	
Telephone.....	189.57	
Gage Readings.....	70.00	
Stenographic Services.....	765.67	
Insurance.....	90.36	
Withholding Tax.....	<u>341.29</u>	
Sub-total.....		\$ 6806.50

SERVICES RENDERED BY THE U. S.
BUREAU OF RECLAMATION AND THE
BOARD OF CONTROL, BOISE RIVER

Gage Readers, Dowling	\$ 180.00	
More's Creek.....	120.00	
Telephone service to Upper River.....	270.00	
Assistance in Current Meter Work.....	235.00	
Office Work, compiling records of natural flow, etc.....	<u>225.00</u>	
Total value of services as fixed by Committee.....		\$ 1030.00
TOTAL COSTS TO WATER DISTRICT 12-A FOR THE IRRIGATION SEASON OF 1943		\$ 7836.50

CONCLUSIONS

1. That an Advisory Committee with authority to represent the Water-Users and to advise with the Watermaster is very beneficial and helpful and should be continued.
2. That the records and data as compiled in the Watermaster's

reports for more than twenty-five years should be continued.

3. That the River naturally divides itself into three sections during the low-water period.

4. 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.

5. That the return flow is a vital factor and must be considered in the operation of the River.

6. 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.

7. That the construction of drainage systems in the Boise Valley has changed the irrigation requirements within these districts.

8. 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.

9. That the question of watershed protection is of vital importance to the water-users of the Boise Valley.

10. 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 Water-Users who are dependent upon this resource for a livelihood.

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

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

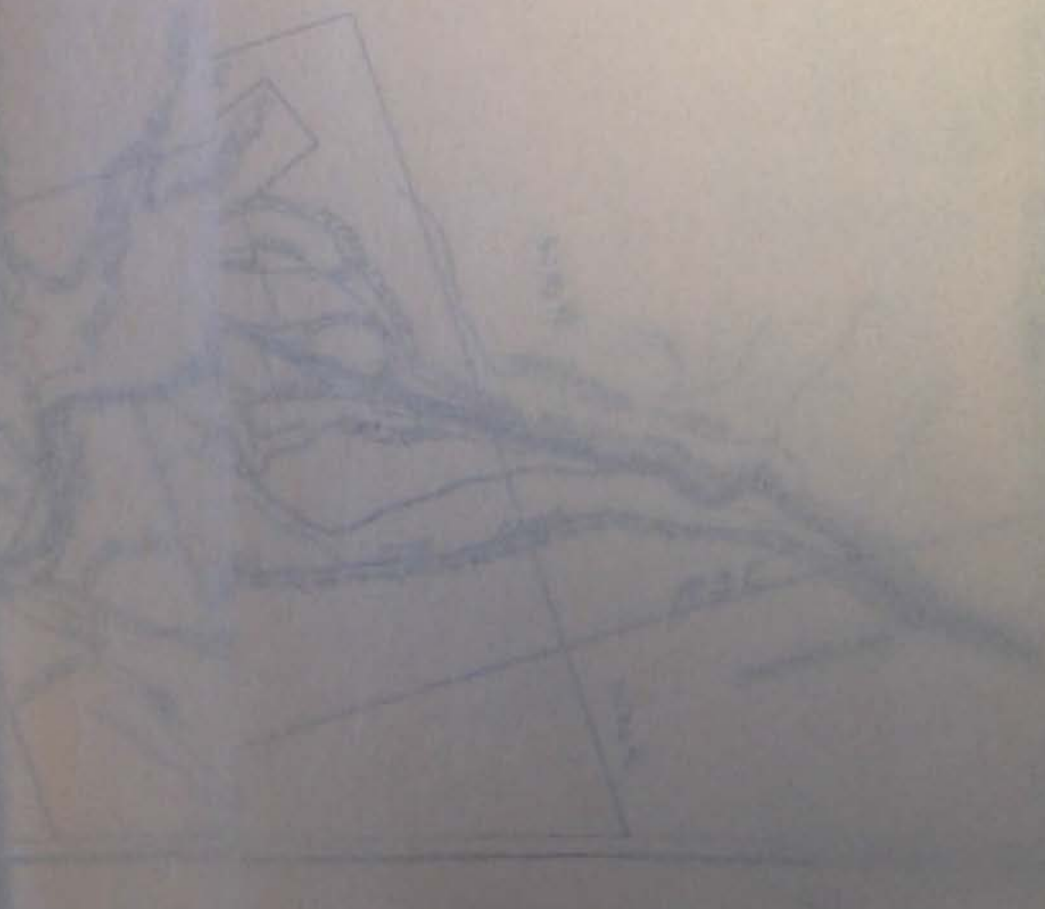
13. That the temporary "Court Orders" under which the Boise River has been operated for more than 20 years have proven very satisfactory to the Boise Valley as a whole.

14. That if the so-called "sliding scale" should be fixed by the Courts 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.

15. That approximately two-thirds of the entire Boise Valley is badly in need of supplemental water.

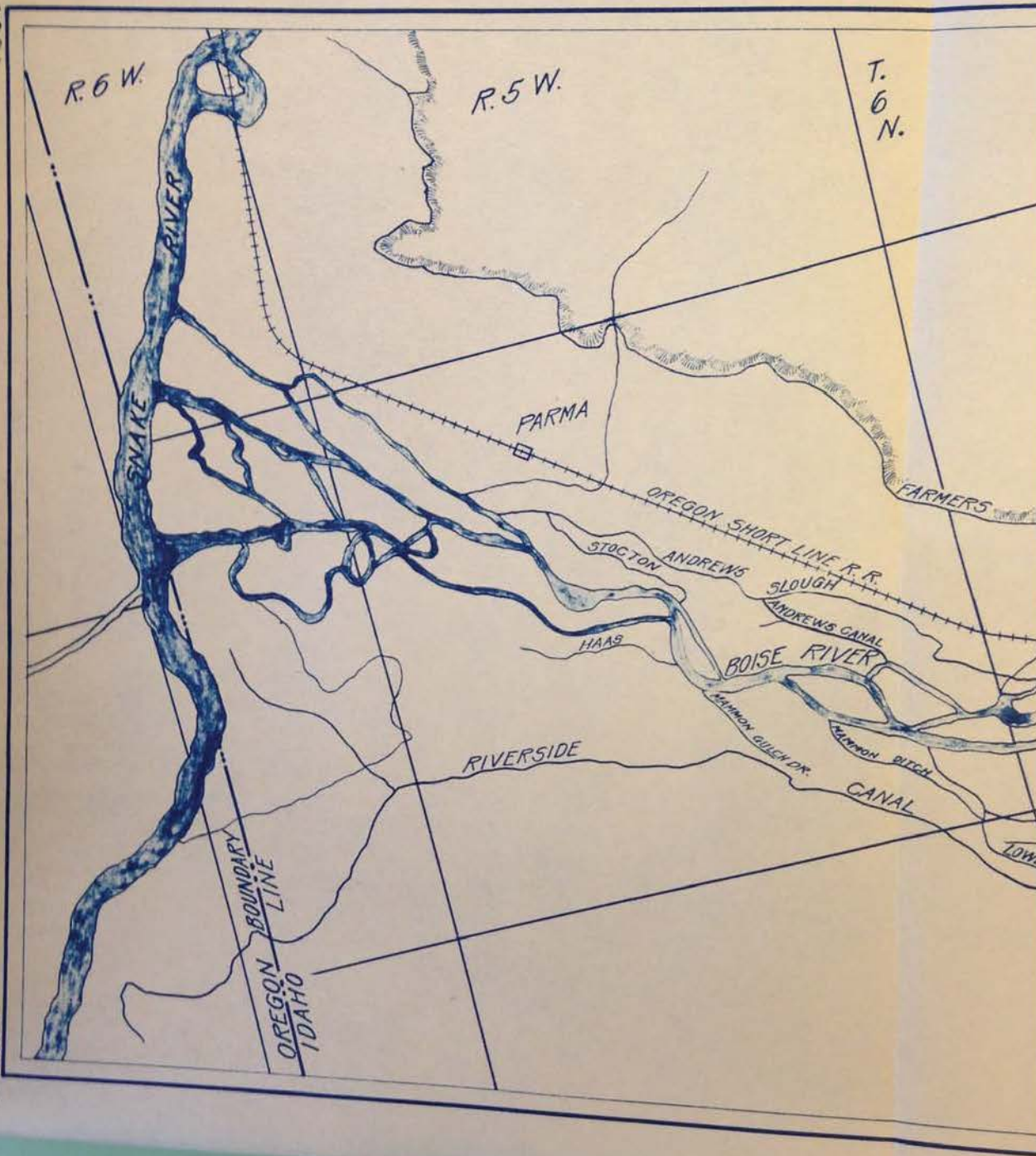
16. That mining operations within the bed of the Boise River and its tributaries should not be permitted.

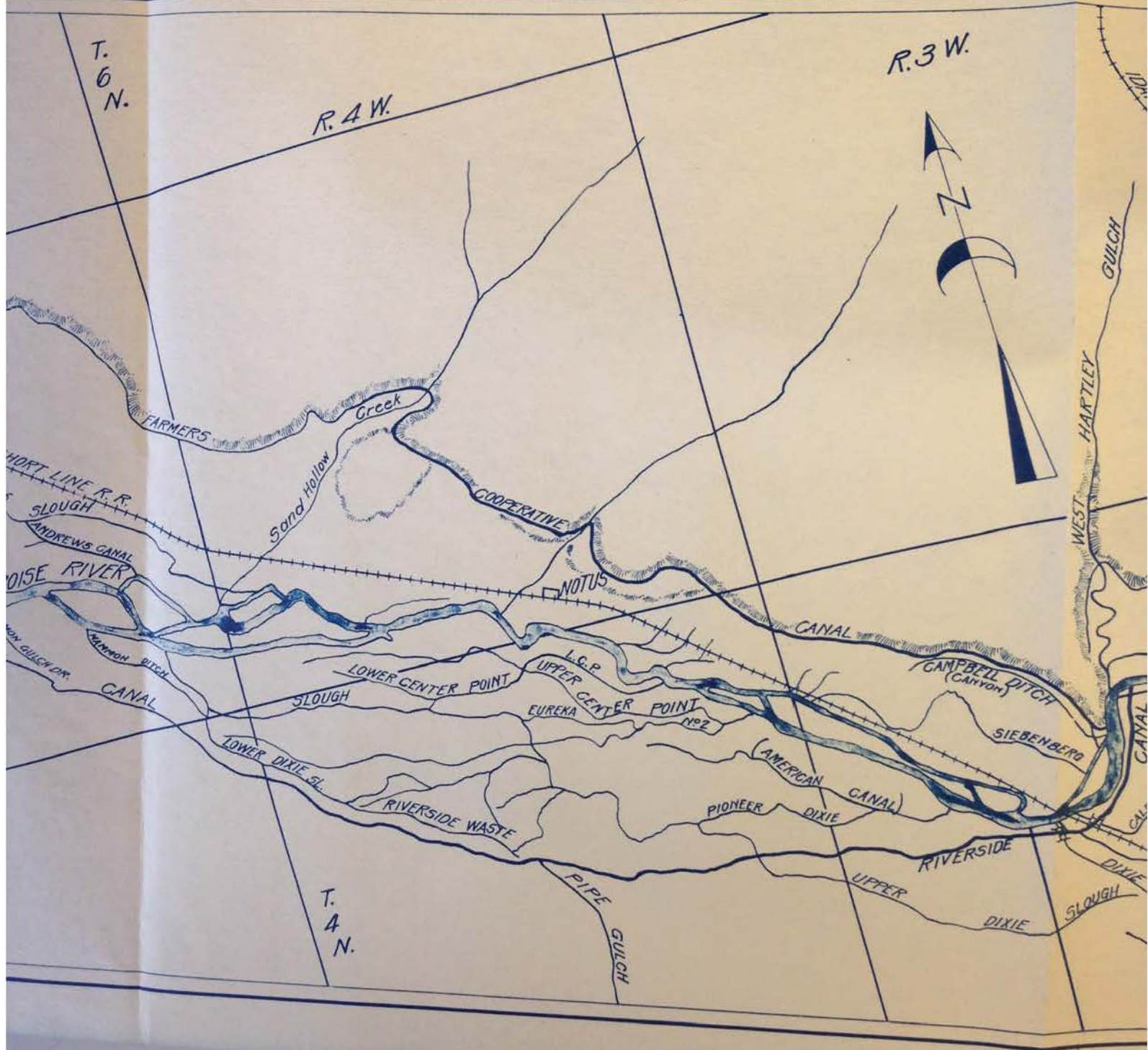
#



6-3861

6-386-9





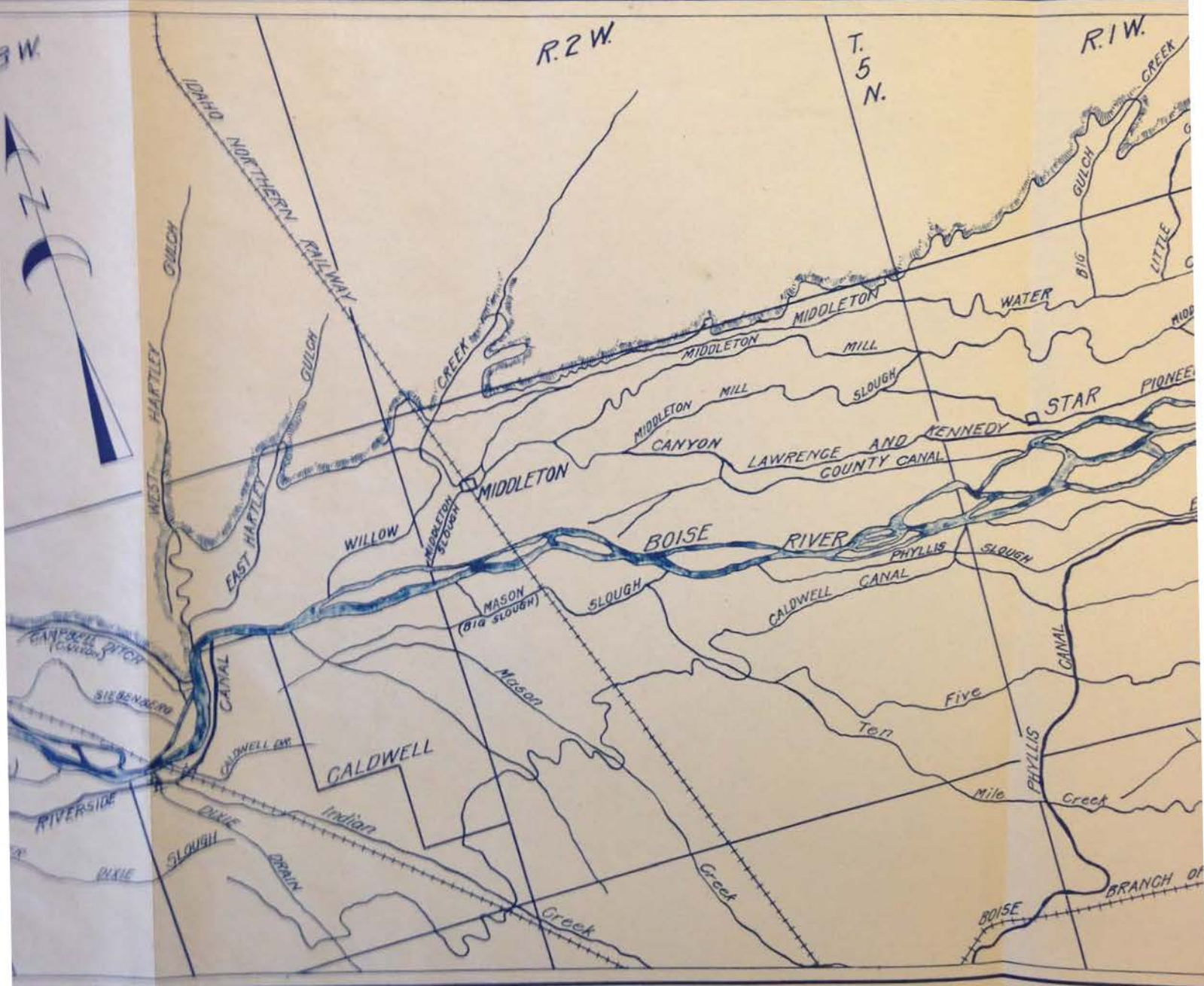
3 W.

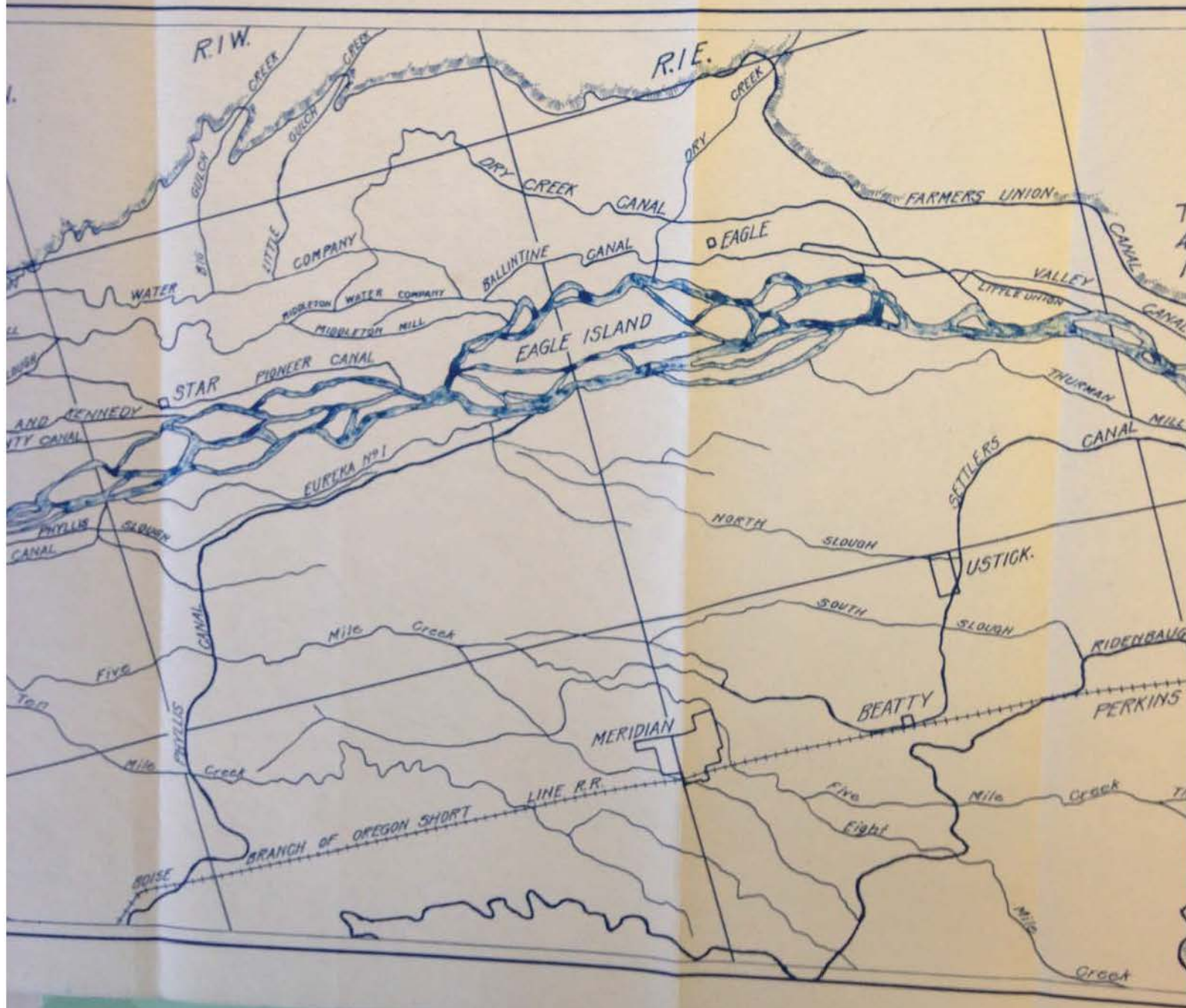


R. 2 W.

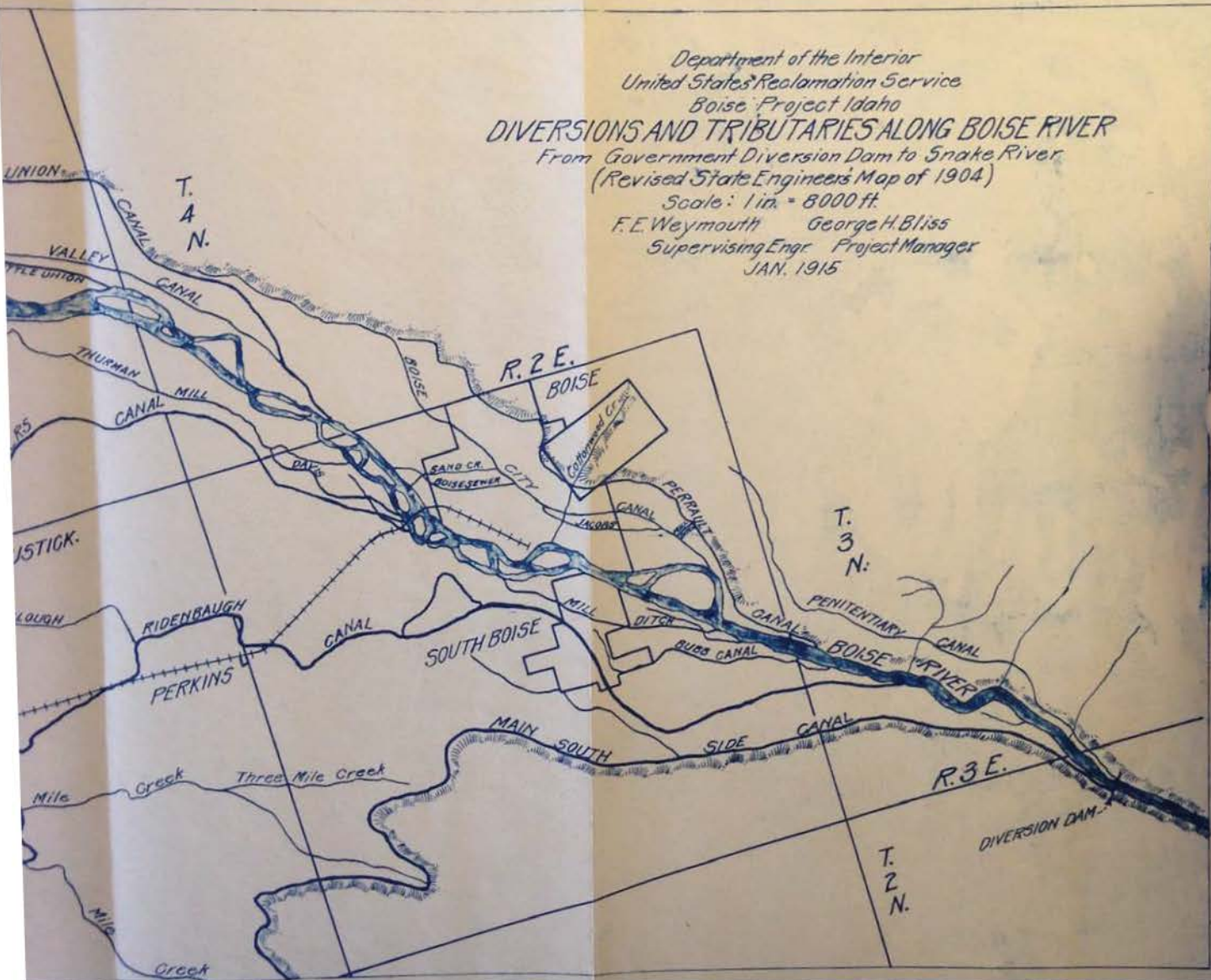
T. 5 N.

R. 1 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)
 Scale: 1 in. = 8000 ft.
 F.E. Weymouth George H. Bliss
 Supervising Engr. Project Manager
 JAN. 1915



13861

1386-9

Year	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	1470	1410	1280	1320	1330	1240	1180	980	1100	1240	1280	1330	1510
1896	950	1070	720	720	720	720	720	950	950	950	950	1070	950
1897	1070	1010	1010	950	950	890	890	950	950	1010	890	830	720
1898			550			550				550			550
1899	2580	2580	2580	2580	2580	2780	2780	2780	2780	2780	2780	2780	2780
1900	1570	1680	1680	1570	1680	1680	1680	1570	1360	1360	1570	1910	1910
1901	1200	1200	1350	1310	1370	1510	1390	1350	1350	1350	1270	1270	1270
1902	1120	1270	1190	1140	1080	1120	1120	1140	1120	1040	900	865	830
1903	1280	1070	945	1040	945	945	945	945	945	945	1080	752	500
1904													
1905													
1906	700	700	675	700	750	880	750	750	750	810	880	880	810
1907													
1908	1180	1100	1100	1070	1040	965	900	965	1140	1070	1040	1140	1070
1909	790	980	1100	1220	1220	1140	1140	1140	1310	1140	1060	1020	1020
1910													
1911	870	750	940	1105	1035	1035	1070	1140	1140	1140	1070	1000	1000
1912	990	940	1020	1020	1020	1260	1230	1160	1230	1230	1230	1100	1100
1913													
1914	1080	1150	1220	1220	1220	1220	1220	1220	1080	950	824	824	950
1915	930	1050	1050	1050	1050	990	990	930	990	930	990	930	930
1916	715	736	763	760	746	744	740	763	766	763	736	754	764
1917	679	891	1006	991	936	984	1253	888	715	811	740	769	677
1918	5248	4046	3033	2462	2244	2153	2078	1964	1826	1738	1428	1419	1445
1919	569	605	555	535	620	680	740	659	669	674	684	727	798
1920	883	863	815	737	728	696	784	787	797	698	674	657	651
1921	2600	2129	3154	2307	2458	2330	2279	1751	1540	1545	1393	1217	1155
1922	972	1280	1255	1111	921	1046	990	1178	1092	983	905	694	797
1923	1078	765	869	855	944	1028	1426	1538	1390	1317	1210	1155	897
1924	764	675	659	789	609	484	600	824	945	1248	949	899	661
1925	923	783	724	782	772	794	837	867	667	714	715	629	716
1926	604	574	823	866	850	889	940	830	756	688	802	772	740
1927	1026	1079	1033	1317	1062	1115	1193	1121	941	762	704	1179	1334
1928	751	1142	1433	1510	1566	1690	1368	1230	991	1425	1419	1298	1745
1929	739	620	945	917	692	567	560	721	690	726	811	793	588
1930	938	842	835	777	762	830	742	440	446	731	771	805	859
1931	899	872	737	745	797	713	807	686	637	623	750	810	745
1932	867	678	656	697	617	622	689	687	683	707	734	731	644
1933	732	661	708	663	697	678	665	744	790	771	690	652	635
1934	1326	1219	1372	1537	1498	1238	1104	773	834	977	908	1020	817
1935	984	623	583	660	969	1010	1040	1018	954	966	807	944	930
1936	702	742	866	831	928	706	657	848	766	835	797	993	1029
1937	345	483	532	584	619	717	699	459	398	483	563	613	633
1938	875	975	1135	945	734	735	735	734	904	804	794	691	1074
1939	1221	925	1026	1014	1304	1021	812	686	481	822	1128	849	791
1940	950	1031	1446	1447	1220	1014	864	660	872	1004			749

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

12	13	14	15	16	17	18	19	20	21	22	23	24
1330	1510	1650	1490	1450	1430	1370	1330	1280	1240	1220	1240	1240
1070	950	720	720	620	1010	1280	1350	1430	1870	1870	1870	1870
830	720	620	620	620	570	570	570	720	830	830	950	720
	550				550			550				550
2780	2780	2780	2980	2980	2980	2980	2980	2980	2980	2980	2780	2780
1910	1910	2480	4120	3910	3520	2810	2330	2260	2180	2040	2040	2040
1270	1270	1350	1430	1270	1270	1200	1200	1270	1310	1350	1310	1270
865	830	900	900	1000	1080	1120	1080	1040	1000	970	900	830
752	500	500	570	640	678	715	790	1020	1950	1680	1380	2400
880	810	810	810	810	810	1060	960	880	810	960	880	810
1140	1070	1180	1240	1100	1100	1070	1070	1240	1140	1070	930	1040
1020	1020	1220	1490	3030	2610	3090	3990	5460	5780	5460	4060	3210
1000	1000	1000	965	870	810	870	1140	1210	810	700	700	650
1100	1100	1230	1380	1640	1660	1460	1420	1340	1230	1230	1200	1300
824	950	1150	1150	1080	1080	1220	1150	1080	1150	1220	1220	1220
930	930	930	900	990	900	930	930	930	930	930	930	770
754	764	759	717	723	719	733	746	745	918	1067	973	946
769	677	662	603	595	498	590	498	590	590	682	780	673
1419	1445	1621	1583	1527	1450	1480	1517	1437	1360	1207	1145	1201
727	798	820	801	787	929	1109	1118	1073	1011	1028	1116	1072
657	651	692	747	880	1047	1096	1083	1014	1012	934	901	889
1217	1155	1048	1819	1935	1700	1477	2586	2347	2032	1360	1520	1338
694	797	927	802	728	1028	1028	802	878	908	1078	999	978
1155	897	938	1020	919	934	991	987	933	859	865	777	1106
899	661	662	673	883	881	843	761	698	675	670	683	797
629	716	575	625	601	652	656	816	669	719	737	768	775
772	740	692	776	801	902	862	760	738	739	711	697	747
1179	1334	1066	1052	1083	1223	1051	1069	1075	776	611	701	768
1298	1745	1882	2109	1887	1228	1224	1205	1725	2232	1734	1490	1601
793	588	977	787	852	785	854	789	791	730	695	765	766
805	859	779	706	804	604	559	645	605	587	683	589	615
810	745	660	541	794	759	652	648	534	592	650	897	845
731	644	446	481	501	645	727	771	743	620	578	526	480
652	635	677	654	636	831	653	735	752	747	721	735	808
1020	817	930	1026	957	867	871	833	861	887	1021	1159	2056
944	930	705	861	887	1228	492	739	717	506	667	848	924
993	1029	801	922	782	798	811	718	737	805	695	613	638
613	633	608	709	684	697	692	717	679	629	449	549	644
999	1074	914	1075	1325	1310	1220	1240	1225	1060	1250	1568	1445
691	791	791	790	786	786	804	931	835	839	823	493	481
849	749	740	673	670	697	857	784	660	857	630	699	738

JANUARY

Chart 2

22	23	24	25	26	27	28	29	30	31	Total
1220	1240	1210	1140	1040	1070	950	1100	1140	1280	
1870	1870	1350	1280	1510	1680	1770	1680	1680	1590	
830	950	770	720	720	620	620	830	950	1010	
2980	2780	2780	2780	2780	550			550	550	
2040	2040	2040	1680	1680	2060	1580	1340	1220	1220	
					1680	1680	1680	1680	1680	
1350	1310	1270	1240	1200	1200	1200	1130	1130	1200	
970	900	830	830	830	830	760	695	830	1120	
1680	1380	2400	4100	2990	2400	2010	1680	1570	1470	
960	880	810	810	960	880	810	810	750	750	
1070	930	1040	1180	1180	1100	1070	1040	1100	1965	
5460	4060	3210	2850	2490	2270	2110	1960	1860	1860	
700	700	650	1000	675	1000	1140	1210	1320	2140	
1230	1200	1300	1420	1550	1550	1380	1300	1230	1160	
1220	1220	1220	1220	1220	1370	1300	1150	1220	1220	
930	930	770	730	930	990	1050	1110	1050	1050	
1067	973	946	975	908	889	869	836	849	843	
682	780	673	861	867	864	777	877	777	690	
1207	1145	1201	1380	1603	1659	1506	1413	1355	1386	
1028	1116	1072	1015	928	868	851	779	758	688	
934	901	889	976	1211	2381	2491	2430	1984	1726	
1360	1520	1338	1760	1820	1565	1578	1380	1757	1331	
1078	999	978	1078	1203	1013	1043	943	968	873	
865	777	1106	1021	1038	846	901	1041	554	845	
670	683	797	743	857	814	996	983	876	876	
737	768	775	947	879	815	960	782	1172	1137	
711	697	747	861	746	693	694	807	955	892	
611	701	768	819	895	989	1273	1123	1106	1054	
1734	1490	1601	1475	1592	1337	1077	1221	1221	1216	45,004
695	765	766	629	629	876	820	821	745	707	22,757
683	589	615	666	677	814	810	820	795	811	22,387
650	897	845	913	695	675	826	706	749	750	22,407
578	526	480	587	486	560	676	683	636	642	19,306
721	735	808	684	613	721	873	617	663	757	21,963
1021	1159	2056	2184	1636	1477	1421	1301	1279	1206	39,840
667	848	924	939	893	812	826	923	836	837	26,128
695	613	638	617	582	417	429	418	411	413	22,306
449	549	644	654	604	654	709	657	710	611	18,784
1250	1568	1445	1195	1020	1125	1165	1258	1358	1255	33,746
825	493	481	818	813	743	1066	1058	848	823	26,718
630	699	738	695	842	896	895	711	808	843	26,929

Year	1	2	3	4	5	6	7	8	9	10	11	12	1
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1100	1010	120
1896	1590	1350	1350	1070	1070	950	950	1070	1070	1070	1010	1070	107
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	1140	1140	107
1898			550				550			1060			
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	1580	1580	158
1900	1780	1790	1790	1790	1680	1520	1570	1570	1580	1570	1460	1460	146
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	1200	1270	1270
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	1900	1800	1560
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	1110	945	865
1904													
1905													
1906	810	780	780	810	750	780	780	810	810	810	810	880	920
1907								3540	3540	3420	3060	2950	2900
1908			1240	1240	1180	1100	1100	1070	1070	1040	1000	1000	930
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	1440	1580	1960
1910													
1911	2450	2340	1680	1600	1740	1640	1370	1300	1230	1325	1410	1325	1370
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550	1380	1340
1913													
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220	1080	1080
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990	930	930
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206	1182	1106
1917	684	684	690	690	880	800	783	793	783	698	695	948	857
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1355	1488	1493
1919	697	732	802	835	811	814	832	855	858	847	1062	1351	1356
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021	976	1041
1921	1453	1262	1416	1230	1267	1178	1208	1199	1239	1270	1485	1215	1680
1922	973	788	788	787	872	794	952	1152	1383	1197	1110	1014	889
1923	678	629	730	781	841	781	584	817	982	861	932	671	759
1924	838	983	1066	962	985	981	1008	2030	2445	1966	1336	1107	1507
1925	1023	1213	2195	2895	5775	5859	5169	5846	2972	2088	1758	1638	1637
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497	1354	1252
1927	1047	1164	1449	1826	1924	1999	1754	1564	1607	933	1911	1060	1234
1928	1236	1297	1434	1464	1326	1591	1612	1577	1291	1447	1549	1324	1166
1929	762	1172	1146	932	1112	1097	867	614	614	705	737	508	750
1930	846	823	832	924	760	846	847	1094	1087	975	1055	971	969
1931	752	761	761	765	792	855	850	782	466	772	836	837	688
1932	646	600	801	529	492	498	659	655	685	810	653	569	549
1933	697	770	755	638	584	708	677	692	593	585	655	788	781
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506	1465	1324
1935	828	868	945	933	970	1076	1156	1257	1038	744	924	917	918
1936	524	657	606	689	787	661	686	598	557	557	708	728	1003
1937	700	730	674	796	723	654	682	678	678	671	723	723	670
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1159	1412	1505	1707
1939	699	591	609	860	885	895	1003	785	775	764	793	1045	811
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439	1273	987

FEBRUARY

11	12	13	14	15	16	17	18	19	20	21	22	23
1100	1010	1100	1180	1070	1100	1180	1210	1180	1220	1210	1210	1290
1010	1070	1070	1010	1070	1070	1010	1010	1070	1070	1070	1140	1140
1140	1140	1070	1070	1070	1010	1010	950	950	890	830	890	890
1580	1580	1580	1340	1460	1460	1580	1580	1580	1580	1400	1460	1340
1460	1460	1460	1460	1460	1460	1360	1460	1460	1460	1680	2480	2330
1200	1270	1270	1240	1350	2430	2120	1870	2180	2180	2020	1820	1970
1900	1800	1560	1350	1310	1270	1350	1440	1390	1350	1270	1270	1270
1110	945	865	1020	790	945	1110	1020	1020	1020	1020	1110	1110
810	880	920	960	1010	1160	1240	1280	1330	1310	1280	1310	1280
3060	2950	2900	2840	2900	2900	2950	2900	2900	2840	2900	2840	2900
1000	1000	930	930	965	1070	1040	1040	965	1000	965	1000	1040
1440	1580	1960	1760	1760	2160	3400	2970	2610	2550	2580	2060	2060
1410	1325	1370	1230	1170	1140	1060	1230	1230	1230	1140	1110	1170
1550	1380	1340	1300	1260	1300	1460	1880	1780	1550	1460	1420	1460
1220	1080	1080	1080	1080	950	1020	1220	1220	1300	1530	2190	2300
990	930	930	820	730	820	930	1050	1110	1110	1050	1050	1104
1206	1182	1106	1066	1057	1074	1109	1111	1159	1158	1164	1183	1223
695	948	857	857	857	765	800	972	923	917	825	834	937
1355	1488	1493	1583	1534	1477	1432	1382	1486	1417	1449	1345	1366
1062	1351	1356	1203	938	927	995	992	973	943	930	908	943
1021	976	1041	999	977	1017	1073	1130	1099	1102	1160	1176	1147
1485	1215	1680	1900	2044	2933	2414	1311	1236	1465	1500	2195	2204
1110	1014	889	731	670	753	1023	1101	1280	1233	1115	865	715
932	671	759	772	873	928	761	934	831	936	1022	1041	1067
1336	1107	1307	1222	1178	1282	1356	1334	1266	1142	1164	1145	1314
1758	1638	1637	1778	1775	1608	1381	1443	1443	1558	1677	1938	1820
1497	1354	1252	1056	1033	1017	1000	1031	1004	1020	1020	1000	902
1911	1060	1234	1243	1255	1150	1318	1204	1481	1789	3015	4104	3488
1549	1324	1166	1473	1166	924	1188	1192	1442	1452	1593	1426	1407
737	508	750	794	823	866	843	996	1049	1078	1044	931	754
1055	971	969	881	1343	1488	1268	1405	1290	1163	1767	1455	1715
836	837	688	630	862	890	887	974	925	908	1005	832	856
653	569	549	436	431	543	466	468	489	534	496	666	672
655	788	781	713	770	940	702	768	777	769	763	769	900
1506	1465	1324	1322	1316	1384	1463	1465	1314	1192	1595	1550	1190
924	917	918	928	883	753	781	922	934	1062	1119	1101	1043
708	728	1003	835	1042	608	776	1012	716	896	843	1137	1170
723	723	670	795	715	870	875	865	786	709	578	612	858
1412	1505	1707	1486	1459	1443	1199	1189	1128	1201	1437	1108	1207
793	1045	811	811	813	911	675	779	798	709	762	883	871
1439	1273	987	910	1329	1058	947	1047	953	840	818	837	949

Chart 2A

21	22	23	24	25	26	27	28	29	30	31	Total
1210	1210	1290	1350	1390	1430	1450	1450				
1070	1140	1140	1140	1210	1210	1280	1770	1870			
830	890	890	890	830	770	770	830				
1400				1400			1750				
1460	1460	1340	1220	1220	1340	1460	1460				
1680	2480	2330	2180	2040	2180	2040	2040				
2020	1820	1970	1870	2070	1970	4160	4380				
1270	1270	1270	2880	2460	2220	2110	1800				
1020	1110	1110	1110	1110	1020	1110	1110				
1280	1310	1280	1200	1160	1160	1110	1300				
2900	2840	2900	3060	3180	3420	4060	4130				
965	1000	1040	1140	1180	1210	1240	1320	1360			
2580	2060	2060	2160	2160	2110	2060	2110				
1140	1110	1170	1140	1170	1170	1140	1060				
1460	1420	1460	1380	1160	1160	1260	1230	1080			
1530	2190	2300	2140	1980	1880	1700	1790				
1050	1050	1104	995	1070	1076	1036	1112				
1164	1183	1223	1224	1222	1212	1248	1228	1160			
825	834	937	869	1096	1022	1156	1035				
1449	1345	1366	1451	1429	1418	1401	1401				
930	908	943	939	916	901	975	1087				
1160	1176	1147	1093	1050	971	938	936	927			
1500	2195	2204	2560	2090	1800	1985	2260				
1115	865	715	850	869	951	1019	716				
1022	1041	1067	1290	1263	1280	1183	1233				
1164	1145	1314	1018	1072	1120	1290	1121	1165			
1677	1938	1820	2302	2152	2024	1840	1906				
1020	1000	992	1063	1072	1020	1059	1032				
3015	4104	3488	2949	2719	2850	2576	2702				
1593	1426	1407	1407	1410	1360	1364	1264	1273			39,677
1044	931	754	1050	911	837	998	870				24,860
1767	1455	1715	1487	1282	1275	1175	1171				32,194
1005	832	856	706	805	788	835	829				22,649
496	666	672	614	644	670	814	1052	1239			18,378
763	769	900	767	746	744	752	765				20,568
1595	1550	1190	1479	1327	1398	1407	1550				39,474
1119	1101	1043	1039	1036	920	1006	1037				27,168
843	1137	1170	1102	1087	947	857	942	947			23,678
578	612	858	758	797	801	781	962				20,864
1437	1108	1207	1207	1102	1219	1346	1424				35,783
762	883	891	988	998	1094	897	841				23,585
818	837	949	1051	1048	1246	2085	4011	4878			37,862

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	1640	1610	1550
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	1280	1280	1350
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	1010	890	770
1898	1750	1920	1920	1920	2250	2430	2430	2260	2260	2430	2770	2600	2430
1899	1580	1580	1580	1580	1460	1460	1460	1460	1340	1340	1540	1400	1400
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	4810	5990	5990
1901	3930	4600	4270	3930	3060	2880	3260	3260	2880	2720	2640	2430	2180
1902	1700	1610	1520	1480	1440	1440	1440	1440	1440	2410	1420	1390	1390
1903	1110	1150	1200	1200	1200	1110	1090	1020	1020	1110	1200	1200	1380
1904	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	5320	4890	4480
1905													
1906	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1430	1390	1350
1907	3670	3060	3060	3000	2950	4550	4340	4480	4410	4200	4060	3930	3740
1908	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1070	1210	1360
1909	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2550	2610	2610
1910	3360	5590	6700	6700	7170	6850	6550	6700	6700	6700	6850	7170	7490
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	1495	1540	1540
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	1230	1230	1230
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	2140	2140	1840
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	3220	3300	3520
1915	1062	992	998	1060	1019	1009	1000	936	962	955	1093	1195	1186
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	2600	3064	3552
1917	1038	913	914	1006	1036	916	997	990	987	944	904	944	812
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	1700	1645	1744
1919	1186	1278	1385	1290	1154	1178	1171	1163	1010	948	961	1069	1080
1920	911	1059	1097	1107	1206	1059	1128	1022	1080	1171	1260	1257	1293
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	3755	4010	4085
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	889	917	990
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1083	962	1182	1242
1924	1117	952	1202	1267	1155	1101	1113	1150	1093	1008	1106	1179	1044
1925	1718	1562	1671	1765	1930	2758	3451	3358	2995	2556	2114	2019	1995
1926	1202	1300	1387	1487	1756	1725	1529	1619	1608	1688	1803	1666	1828
1927	2525	2255	2511	2289	3068	3019	3376	3240	3108	3073	2642	2793	2492
1928	1167	1286	1049	1415	1375	1375	1157	1674	1888	2664	3047	5304	4629
1929	771	936	822	950	1060	1055	1219	1245	1350	1272	2102	1527	1838
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045	1117	1113
1931	678	658	830	917	838	866	863	725	836	964	906	1008	1288
1932	1428	1349	1203	1001	797	936	968	772	612	587	523	425	1519
1933	818	792	761	748	752	687	696	700	731	826	824	836	1117
1934	1277	1437	1573	1798	1355	1797	1802	1685	1638	1644	1619	1710	1857
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847	1094	1118
1936	1060	1113	1325	1444	1573	1415	1504	1561	1549	1628	1656	1581	1767
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089	1490	1505
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239	2307	3039
1939	860	775	908	1023	1004	1017	906	878	986	869	1097	1130	1378
1940	4175	3300	2919	2488	2269	2210	1929	2065	2602	2525	2309	2061	1760

MARCH

	12	13	14	15	16	17	18	19	20	21	22	23
	1610	1550	1490	1410	1370	1350	1370	1390	1390	1390	1390	1390
	1280	1350	1350	1350	1350	1280	1350	1350	1590	2430	2970	3120
	890	770	890	890	890	1090	1070	1010	950	950	1010	1210
	2600	2430	1920	2090	1920	1750	1750	1750	1750	1920	1750	1580
	1400	1400	1340	1340	1340	1340	1580	1940	2060	2060	1820	1820
	5990	5990	5860	5860	6120	6120	6390	6390	6120	6120	6120	6660
	2430	2180	2180	2180	2180	2570	2570	2570	2720	2880	3930	3480
	1390	1390	1350	1350	1350	1350	1350	1350	1350	1440	1440	1440
	1200	1380	1470	1570	1570	1570	1570	1620	1680	1680	1900	2010
	4890	4480	4090	3900	3540	3720	3900	4890	4680	4380	4000	3900
							1930	1850	1660	1630	1630	1630
	1390	1350	1280	1160	880	750	810	880	1060	1160	1240	1350
	3930	3740	3480	3540	3670	3540	6220	10600	10800	11300	9990	8630
	1210	1360	1560	2780	3950	3810	4940	4100	3270	3020	2840	2780
	2610	2610	2850	3210	3780	4130	4130	3990	4130	3850	3850	4060
	7170	7490	8450	8770	9250	9890	10400	11800	15200	15600	16600	16100
	1540	1540	1640	1895	2170	2555	2670	2980	3370	3910	4200	4800
	1230	1230	1340	1380	1500	1460	1420	1380	1380	1290	1300	1420
	2140	1840	1670	1500	1500	1500	1670	1670	1500	1340	1420	1340
	5500	3520	3750	3830	4340	4730	5120	5530	5180	5120	4780	4730
	1195	1186	1224	1206	1295	1379	1283	1540	1669	1546	1951	2183
	5064	3552	3443	3345	3506	4057	4521	4902	5657	6189	5434	4801
	944	812	905	866	887	826	865	848	926	1024	1016	1020
	1645	1744	1699	1758	2397	2209	2118	2637	2705	3355	3813	4013
	1069	1080	1063	1035	1123	1195	1138	1135	1280	1488	1788	1819
	1257	1295	1490	1569	1470	1534	1444	1393	1342	1443	1808	2109
	4010	4085	3895	4426	4168	4550	4450	5725	5346	4581	5073	4960
	917	990	725	485	777	1255	1822	2246	2395	2310	2235	2681
	1182	1842	1158	1014	1033	1057	1148	1122	1064	1290	1237	1219
	1179	1044	1078	1016	974	969	958	964	964	1028	976	948
	2019	1995	1789	1790	1844	1983	1982	1988	2033	2661	3692	4305
	1666	1828	2490	2728	3083	3576	3135	2939	2805	2769	2811	3040
	2793	2492	3090	3901	3346	2755	3078	2766	2728	2486	2462	2777
	5904	4629	3924	3468	3168	3096	3379	3742	4360	5013	6156	8715
	1527	1838	1693	1582	1634	1720	1856	1860	1926	2042	3083	2758
	1117	1113	1261	1479	1637	1565	1670	1693	1705	1900	2038	2073
	1008	1288	1209	1220	1585	1416	1527	2571	2553	2565	2865	2833
	425	1619	1339	1478	1533	1501	1836	4216	8578	6327	3770	2934
	836	1117	1000	1002	1074	1221	1313	1257	1273	1335	1141	1098
	1770	1237	2141	2312	2658	2822	2573	2354	2330	2320	2466	2662
	1094	1118	1364	1774	1797	1687	1588	1616	1413	1528	1418	1397
	1581	1767	1654	1434	1293	1444	1398	1468	1722	2304	2481	2260
	1490	1505	1632	1906	2266	2159	2510	2013	1649	1577	1462	1428
	2307	3039	3496	3291	3526	4726	4586	4644	4468	3838	3471	3509
	1130	1378	1424	1283	1105	1621	1981	2445	3140	3413	3878	4466
	2061	1760	1737	1933	1711	1738	1859	2078	2107	2227	2467	2746

Chart 2B

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	1390	1390	1390	1430	1550	1740	2060	3000	5430	2860	2590	
	2430	2970	3120	4100	4100	6490	8260	6810	6190	4100	3930	
	950	1010	1210	1510	1870	3120	3480	3120	2970	2690	2430	
	1920	1750	1580	1400	1400	1400	1400	1400	1580	1750	1750	
	2060	1820	1820	1940	3760	2130	2580	2780	2780	2780	2580	
	6120	6120	6660	6660	6660	6920	6660	5330	5330	5060	5060	
	2880	3930	3480	3060	3060	2640	2570	2430	2240	2180	2180	
	1440	1440	1440	1440	1440	1440	1480	1440	1440	1440	1440	
	1680	1900	2010	2400	3340	3520	4100	4750	5970	7900	8070	
	4380	4000	3900	3540	3460	3210	3290	3050	4680	4680	4090	
	1630	1630	1630	1640	1640	1940	2090	1860	1860	1820	1650	
	1160	1240	1350	1490	2250	2840	3180	3180	3360	3480	4130	
	11300	9990	8630	7910	7430	6740	6300	6070	5920	5770	5700	
	3020	2840	2780	2900	3200	3020	2960	2720	2560	3020	2620	
	3850	3850	4060	4130	4550	4840	3780	6280	6700	6450	6620	
	15600	16600	16100	12160	10600	10200	9250	9090	8770	8450	8290	
	3910	4200	4800	4800	4350	3840	3665	3500	3630	4500	4050	
	1290	1300	1420	1600	1730	2030	2480	2970	3360	3230	3130	
	1340	1420	1340	1340	1340	1200	1200	1480	1970	4040	4130	
	5120	4780	4730	4670	4540	3880	3690	3260	3090	3040	3000	
	1546	1951	2183	2500	2319	2190	1985	2080	2787	2612	2075	
	6189	5434	4801	4156	3751	3522	3471	4128	4416	4389	4472	
	1024	1016	1020	924	1048	1006	933	906	1208	1563	1698	
	3355	3813	4013	4377	4720	5264	6243	6415	6414	6477	6335	
	1488	1788	1819	2381	2738	3288	3278	3678	4099	4812	5241	
	1443	1808	2109	2168	2108	1859	1852	1755	1579	1495	1559	
	4581	5073	4960	4927	5093	4881	4413	4092	4221	4306	4633	
	2310	2235	2681	4669	4453	3473	3156	2936	2782	2429	2972	
	1290	1237	1219	1332	1419	1804	1610	1884	2721	3359	4330	
	1028	976	948	995	866	1058	900	997	919	914	764	
	2661	3692	4305	5045	4980	4830	4920	4460	5690	6054	6250	
	2769	2811	3040	3470	3393	2575	2525	2318	2074	2030	1865	
	2486	2462	2777	2725	3174	3384	3152	3273	3732	4012	4810	
	5013	6156	8715	8649	9920	8122	8559	8443	7252	6658	5978	136,423
	2042	3083	2788	1681	1745	1575	1578	1820	1984	1976	2318	50,952
	1900	2038	2073	2029	2094	2242	2972	2312	2505	2948	3073	51,808
	2565	2865	2833	2400	1950	1856	1504	1700	1623	1351	1718	45,623
	6327	3770	2934	2845	2955	2965	2460	2254	3060	2918	2724	67,913
	1335	1141	1098	1081	1003	997	1099	1106	1640	1644	1665	32,237
	2320	2466	2662	2685	2458	2445	2285	2760	5492	6110	5265	75,848
	1528	1418	1397	1234	1386	1433	1364	1349	1349	1709	1926	41,575
	2304	2481	2260	2057	1858	1681	1624	1668	1624	1491	1393	50,030
	1577	1462	1428	1285	1321	1402	1473	1493	1600	1723	1755	44,935
	3838	3471	3509	3305	3402	2310	3581	3347	3439	3194	2840	95,513
	3413	3878	4466	4809	5842	6017	5680	5766	5652	5231	5563	82,147
	2227	2467	2746	3117	3521	5356	9146	8989	6379	5321	5712	100,756

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	2470	2350	2460	2560	2330	2210	2120	2250	2520	2830	3020	3240	3510
1896	3760	2970	2830	2830	2970	2970	4100	4470	3760	4890	3930	3930	6810
1897	2560	2190	2080	2190	2080	2430	2430	2310	2970	3590	4890	6490	7880
1898	1580	1750	1750	1400	1230	1400	1750	1580	1580	2090	2260	2600	3800
1899	2780	2980	2980	3170	3760	3760	3760	4580	5580	7000	7600	8320	8140
1900	5060	6660	7450	6920	6660	7180	7720	7450	6650	6660	5860	6390	7180
1901	2070	2240	2430	2360	2300	2300	2300	2300	2360	2720	3460	4380	5050
1902	1390	1850	1930	2460	2460	2460	3365	4160	3030	2590	2590	2660	2660
1903	7110	6520	5710	5710	5220	5220	5220	4310	4530	7740	6810	5710	4980
1904	4090	4090	4480	5320	5770	6010	5770	5890	6760	10400	11500	13700	15500
1905	1650	1710	1750	1840	1970	2320	2810	2920	3050	2810	2570	2470	2570
1906	4550	3670	3240	3060	2900	3540	4340	5110	5250	5620	4830	4620	4760
1907	6520	6670	6970	7040	7270	7350	7510	8230	9030	11600	11600	13680	14600
1908	2190	2190	2290	2500	3140	2900	2780	2800	3140	5180	5580	6780	8670
1909	6650	7450	8200	7550	7100	6400	5900	5900	5600	6600	6550	6450	7150
1910	8290	8290	8930	8450	8450	8450	8610	8930	9890	10500	11500	12000	11800
1911	6150	6560	6550	6100	5750	5280	4970	4520	4790	5050	4750	4280	4120
1912	3230	3770	4740	5300	5280	4090	5060	6100	7200	8070	7870	7360	6560
1913	4640	4300	3840	3370	3730	4110	4050	3990	4230	4600	5280	5980	6980
1914	2690	2920	3260	4140	6260	7270	7360	7760	7840	8420	8500	8100	8510
1915	1975	2230	2616	2764	2684	2821	2763	2591	2640	2677	2799	2997	3574
1916	5108	5908	6338	6649	6947	6649	6611	7382	7735	8918	11761	11644	10351
1917	1538	1386	1557	1500	1522	2002	2515	3849	2374	3735	3881	4131	6451
1918	6402	6266	6621	5948	4910	4575	4018	4595	4356	4985	7036	7100	6877
1919	5805	6183	6303	7518	8333	7507	6650	5390	4657	4320	4467	4513	4483
1920	1549	1628	1531	1432	1533	1963	2111	2495	2798	3230	3602	3889	4069
1921	4960	5767	7327	8583	6136	7996	5956	5193	4763	4887	6514	5327	7017
1922	3260	2889	2775	4554	4485	4692	4458	6294	6242	5026	5028	3849	3758
1923	4206	4488	4476	4386	3861	3958	4326	3854	3633	3645	3874	5255	4705
1924	933	944	962	1132	962	1056	1305	1922	2506	2714	2762	2722	2699
1925	5595	5335	5480	5275	7895	7885	7895	7900	8830	10400	11355	13050	14200
1926	1991	1761	1894	1767	2133	2025	2316	2702	3180	3305	3319	3344	3483
1927	4481	5998	5446	4916	4032	4406	4917	5380	5659	5298	4742	4570	3980
1928	5834	5406	5252	4801	4587	4407	3948	3809	3590	3952	3737	4216	3607
1929	1871	1814	1951	2290	2609	2586	2202	2129	1930	1688	1726	1701	1558
1930	2581	3183	2944	3242	3610	4160	5125	5379	5540	5662	5685	5631	5525
1931	2199	3177	3354	2629	2470	2533	2709	3256	3115	3192	3072	3206	3540
1932	3195	3973	4861	5209	4783	4470	4032	4038	4045	4011	4576	5694	7652
1933	1590	1914	2492	3599	3806	3357	3080	2669	2455	1864	1512	1407	1486
1934	4654	4001	3629	3525	3291	2945	3039	3299	3634	3548	4155	4344	4924
1935	1763	1721	1651	1964	2515	2513	2285	3268	4057	4412	4198	4443	4871
1936	1390	1325	1255	1342	1284	1257	1301	1543	2409	3573	4529	6748	8620
1937	2008	2800	3385	2295	2160	1990	1889	1776	1642	1960	1960	1988	2287
1938	2867	2545	3270	2989	3119	3515	3893	4296	4548	4828	5365	5802	6088
1939	5941	6390	6610	6985	6927	6185	5572	5178	5441	4937	4823	4697	4700
1940	9288	8136	6835	5923	5711	5180	4692	4636	4581	4810	4623	4422	4762

APRIL

	12	13	14	15	16	17	18	19	20	21	22	23
	3240	3510	3680	3850	4020	4200	4370	4570	4680	4890	4470	4890
	3930	6810	11000	7150	6190	5910	4890	4470	3930	3760	4890	5130
	6490	7880	8660	14300	19000	26200	27000	29500				
	2600	3800	5170	5510	6020	6360	6360	5510	5510	5680	5580	5680
	8320	8140	7450	7300	10170	8500	8690	7000	6700	6700	7960	10910
	6390	7180	6120	5600	6120	5860	6120	6120	6120	6120	6120	6120
	4380	5050	5720	5500	5050	5280	5500	6170	6840	6840	7180	7740
	2660	2660	2590	2730	3740	4160	5500	5950	6400	5500	5050	4600
	5710	4980	5220	5340	5710	6240	6520	6660	6810	7740	11500	11000
	13700	15500	18000	19700	17800	16400	15400	17200	18000	15400	12200	10100
	2470	2570	2490	2490	2660	2820	2710	2980	3380	3380	3320	3540
	4620	4760	4830	5470	6070	6300	6370	6440	6520	7430	8070	8550
	13680	14600	15600	17000	16000	14500	13600	12300	11300	11400	11400	12500
	6780	8670	7950	7770	8760	8040	7950	8850	9600	10100	10600	9900
	6450	7150	8000	8450	9000	9150	9150	9050	8750	8450	8000	8200
	12000	11800	11200	10500	10000	10000	10000	10200	10800	10500	10400	10300
	4280	4120	3890	3780	3630	3750	4300	4430	4410	4250	4280	4620
	7360	6560	5780	5600	5280	5240	5530	5350	5240	4970	4970	4800
	5980	6980	7710	8310	7440	6900	7490	7910	7520	8100	8670	7650
	8100	8510	8750	9650	11300	10100	9250	8870	8800	8900	9490	9590
	2997	3574	3719	3501	3663	4073	4056	4108	4130	4300	4090	3728
	11644	10351	10410	10620	10490	9840	9550	8500	7540	7470	7660	7490
	4131	6451	4496	3948	3509	3093	2976	2850	3091	3701	5092	5900
	7100	6877	6838	6577	6063	5537	5144	3862	4145	4422	4966	5569
	4513	4483	4467	4267	4022	4083	4226	5155	5903	6490	6946	7273
	3889	4069	4230	4214	4248	3943	3558	3452	3535	3694	3728	3664
	5327	7017	8340	7536	6812	6002	6002	6172	6725	7155	7138	7674
	3849	3758	3457	3506	3305	2840	2585	2630	3265	3935	5425	7240
	5255	4705	4777	4348	4905	6311	6805	6347	6092	5045	4455	3962
	2722	2699	3378	3415	2745	2250	2191	2015	2144	2124	2476	2907
	13050	14200	12950	11335	11440	11755	12275	10665	8930	7786	7050	6760
	3344	3483	4083	4321	4867	5381	5802	5848	6001	5863	5023	4796
	4570	3980	4118	4603	4980	4956	5073	4648	4734	4200	4305	4219
	4216	3607	3977	3797	4053	4198	4445	4659	4221	4380	4232	3978
	1701	1558	1562	2046	2219	2552	3065	3471	4107	4235	3966	3860
	5631	5525	5481	5290	4418	3885	3774	3343	3400	4141	4781	5185
	3206	3540	3326	3143	2972	3083	3119	3354	2833	3070	2981	2784
	5694	7652	8697	9076	8305	8060	6727	6413	6664	6338	5443	4868
	1407	1486	1487	1809	2471	3328	3477	3250	3663	4220	4186	4820
	4344	4924	5274	5156	4687	4476	3941	4048	3958	4144	4688	4838
	4443	4871	5695	6446	8138	7767	6191	5524	6063	7305	8311	7747
	6748	8620	10535	11125	13522	12154	15960	18600	18270	17980	17140	18345
	1988	2287	4490	5662	7167	5220	4422	3785	3810	4022	4497	3958
	5802	6088	6436	6674	7394	7848	8938	12800	14070	12825	12541	13191
	4697	4700	4359	4117	3946	4252	4451	4701	5133	5708	6149	6521
	4422	4762	5769	6669	6698	6023	5786	5661	6661	6781	6276	5848

Chart 2C

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
30	4890	4470	4890	5380	5910	6810	6490	6840	6220	6490		
30	3760	4890	5130	5130	5910	7150	5640	5380	5640	5130		
10	5680	5580	5680	5680	5850	6540	6540	6540	6360	6190		
00	6700	7960	10910	13130	11280	11650	9060	7960	7300	6700		
20	6120	6120	6120	6120	6120	5860	5860	5860	5860	6120		
40	6840	7180	7740	8640	7850	8080	7290	7070	7520	8410		
00	5500	5050	4600	4160	3840	3940	3940	3740	3550	3740		
10	7740	11500	11000	11500	12100	13300	12700	10500	8410	8070		
00	15400	12200	10100	9120	9120	11100	13600	11800	11100	10600		
80	3380	3320	3540	3540	3950	4410	4570	4070	3760	3590		
20	7430	8070	8550	7830	7430	6520	6300	6220	6520	6600		
00	11400	11400	12500	12500	12500	12100	11900	11500	11300	11300		
500	10100	10600	9900	8940	7940	7590	7140	6690	6510	6690		
750	8450	8000	8200	8350	8000	9400	10500	10200	9000	7460		
800	10500	10400	10500	10500	11000	11300	11500	11300	11000	10200		
110	4250	4280	4620	5330	6500	8200	8500	8300	7640	7300		
240	4970	4970	4800	4900	5780	5760	5740	6000	6440	8450		
520	8100	8670	7650	6790	6430	7140	7870	8290	7430	6730		
800	8900	9490	9590	9360	9300	7970	8070	7840	7630	6620		
130	4300	4090	3728	3387	3212	3296	3292	3357	3493	3743		
540	7470	7660	7490	9450	11390	13460	14960	14020	12050	10430		
091	3701	5092	5900	7547	8193	9086	9314	9990	7615	6699		
145	4422	4966	5569	6797	7647	7167	6552	6124	5937	5984		
703	6490	6946	7273	8021	9470	10433	10516	10355	10215	9956		
535	3694	3728	3664	3246	2931	2893	3152	3518	4078	4608		
725	7155	7138	7674	8104	7287	6587	5830	6050	6402	7250		
265	3935	5425	7240	8120	8815	8870	9270	9976	10412	9160		
092	5045	4455	3962	3538	2938	3222	3601	4610	5280	5760		
144	2124	2476	2907	3094	2821	2761	2548	2741	2873	3123		
930	7786	7050	6760	5857	5666	5365	5140	5220	5640	6000		
001	5863	5023	4796	4214	3991	4071	4313	4525	4919	5103		
734	4200	4305	4219	4865	6872	10092	13778	14531	14795	14870		
221	4380	4232	3978	4641	5988	6929	10105	11480	10460	9717		158,406
107	4235	3966	3860	4207	4109	4013	4434	4832	5308	5506		89,547
400	4141	4781	5185	6194	5909	5666	4546	4786	4674	3349		137,089
833	3070	2981	2784	3070	2662	2521	2502	2601	2746	3367		88,586
664	6338	5443	4868	4325	4181	4438	5337	5997	6088	6507		168,003
663	4220	4186	4820	5649	6315	7220	8267	9084	9592	9602		119,671
58	4144	4688	4838	5446	4520	4964	4277	3896	3826	3677		124,824
63	7305	8311	7747	6145	5407	5092	5495	6314	6208	6221		149,729
70	17980	17140	18345	19790	17200	15155	13250	11980	10965	10250		288,797
10	4022	4497	3958	3501	3206	3345	4635	5338	4678	3803		103,679
70	12825	12541	13191	13278	13122	14180	14188	13469	13329	15202		292,550
33	5708	6149	6521	6366	6153	5456	5092	5044	5579	7046		164,459
61	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
1895	6810	6190	7150	7510	6490	7880	7510	7150	6810	6190	5640	5640	5640
1896	5640	4890	5640	7880	7880	6490	6810	7150	6490	5910	6190	5910	5380
1897													
1898	6190	6020	6020	5510	4650	4310	4480	4480	4480	4820	4820	4820	5510
1899	6120	5300	5060	4820	5300	5850	9060	9800	13500	19000	17200	14200	13500
1900	6390	6660	6920	7450	7450	8780	9300	10100	10400	11400	11960	11960	8510
1901	8860	10200	9640	10200	11100	10400	10200	9980	10300	10700	11200	11300	12000
1902	3740	3550	3190	3190	3190	3550	3940	6170	6840	6400	6400	6840	7740
1903	7740	7420	7420	8410	9150	10000	10000	10000	9560	9560	9560	9560	11000
1904	10100	10100	11500	12800	12200	12300	12200	11800	11800	12300	12300	12800	12800
1905	3350	3470	3590	3490	3260	3100	3080	3120	3510	3350	2980	2900	2710
1906	6820	6970	7430	8070	7430	7200	7040	7350	7510	8150	8310	8710	8710
1907	10800	10800	10800	10900	10900	10900	11300	11700	11900	12100	12500	11200	11100
1908	7410	8040	7590	8040	7590	8220	9220	9800	9030	8130	6870	6340	6170
1909	7460	7630	8900	10500	12400	11600	10800	10500	10200	10200	9000	8200	8000
1910	9250	8610	7650	7650	7170	6700	6850	7490	8450	10200	10000	8990	9890
1911	7120	7250	8020	8950	10500	10800	9830	9170	8830	7820	7650	7560	7880
1912	7460	6960	6500	6500	6500	8610	7650	8610	10200	11200	11700	11600	11400
1913	6070	5560	5050	4900	5200	7010	8770	10400	11500	12100	10600	10000	9490
1914	6420	7440	8370	9300	9440	7970	8100	8720	9330	9780	10200	10100	9920
1915	4026	3604	3305	3116	3020	2941	2888	2903	3069	3551	3871	4165	5107
1916	9870	10380	11260	13100	14670	15500	16550	14530	13280	11290	9740	8368	7362
1917	6439	5992	6708	5333	6606	6891	7786	9186	10671	10755	11090	12189	13773
1918	6404	6947	7554	8322	9307	10178	11352	10905	9536	8102	7368	7053	6522
1919	10210	10145	9533	8796	7968	7060	6307	5859	5806	5888	5897	5904	5743
1920	4861	5043	4909	4768	4652	4792	5152	5739	6612	7537	8093	8757	8847
1921	7261	7755	8759	9742	10600	11249	11120	12239	13496	13910	12702	13006	11835
1922	8640	8540	9646	9720	10743	12962	12916	12990	12080	9860	8642	8478	8107
1923	4940	4692	4062	4192	4641	6060	7289	7961	8434	9077	9186	8109	7270
1924	3457	3764	4485	4706	4688	4063	3378	3124	3235	3411	4042	4398	4866
1925	6882	7686	9083	10064	11062	11068	12270	12925	11784	10735	10790	10810	10635
1926	5503	5871	5214	4970	6116	7094	5564	4564	4196	3898	3368	3284	3119
1927	15725	14530	11952	10368	9499	8677	8294	8783	7954	7425	6951	8019	8591
1928	9135	10829	10057	9251	9512	10998	12685	15575	17606	20710	19273	18790	16751
1929	4913	4434	4491	4685	4542	4042	3583	3457	4030	4447	4426	4578	5389
1930	3765	3864	3970	5467	5180	5134	5104	4739	4383	4140	3757	3970	3495
1931	3609	4058	4391	4662	4620	4414	5082	5434	4546	4100	3851	3721	4151
1932	6135	7136	7732	7851	7794	7823	7929	7696	8252	8880	8748	10569	12444
1933	7346	6420	5583	5035	4940	4732	4513	4667	3593	3581	3498	3460	3372
1934	3647	3545	3342	3220	3233	3363	4191	4610	4774	4241	3763	3629	3467
1935	6680	5978	6059	5657	5686	6321	7003	7070	6537	6514	6833	6491	6011
1936	10227	9873	9967	10642	12065	11988	10497	9402	7753	9294	10046	11808	12951
1937	3906	4075	5213	6310	7190	7705	7409	6848	6518	6490	6350	5891	5731
1938	16732	19286	15909	12980	10968	9465	8459	7776	7517	7516	8239	8808	9209
1939	8413	7872	8022	8056	8050	7733	6970	6422	5977	5674	5809	5719	5320
1940	5075	4824	5022	6141	6327	5574	5311	5100	5438	6117	7224	8852	9866

MMY

	12	13	14	15	16	17	18	19	20	21	22	23
0	5640	5640	6490	6810	6810	6490	6190	6190	6490	6810	6190	5640
0	5910	5380	4890	4890	4890	4670	4490	4280	4280	4100	4890	7150
20	4820	5510	5510	5680	5590	5590	5000	4820	5000	5000	4910	4910
0	14200	13500	12800	11300	10200	9800	9060	7600	7300	7300	8320	9060
50	11960	8510	8510	8780	8780	8510	8240	8510	8240	7980	7720	7450
0	11300	12000	12200	12200	12700	12700	12400	11500	9980	9530	8640	8000
0	6840	7740	7740	7070	7070	6840	5950	5500	5160	4830	4720	4600
50	9560	11000	12700	12700	11500	10000	10000	8870	7110	5710	5220	4980
0	12800	12800	13200	13600	13600	13600	13900	13900	15000	16400	18000	18700
80	2900	2710	2580	2610	2650	3300	4600	4740	4710	4670	4100	3990
0	8710	8710	8470	8390	7430	6440	5920	5700	5700	5700	5540	5320
0	11200	11100	10100	9700	10300	11100	12500	13400	13300	12200	11700	10900
70	6340	6170	5740	5580	5340	5100	4860	4860	4700	4400	4180	3960
00	8200	8000	7630	8200	8600	8400	8200	8600	9300	9600	10200	10500
00	8090	9890	9730	9250	8610	8130	8130	8130	7650	7330	7170	7650
50	7560	7880	7840	8980	10200	9650	10100	9380	8830	8610	9030	9300
00	11600	11400	11700	11900	12100	12700	12900	13700	14300	14500	12600	11800
00	10000	9490	8470	7920	7380	6980	7810	8500	8370	8240	8610	9440
00	10100	9920	9280	9440	9440	9600	9600	9280	9440	9600	9600	9920
71	4165	5107	5486	5334	5239	5033	5678	6227	5729	5468	5074	5796
40	8368	7362	6601	6220	6100	6260	7084	8419	8397	8717	8517	7777
90	12189	13773	15296	17848	17555	13816	10629	9104	8562	8308	9284	9928
68	7053	6522	6344	6834	6187	6405	5535	4700	4942	4969	4717	4632
97	5904	5743	5583	5640	5977	6460	6663	6713	7383	8583	10072	11107
93	8757	8847	8650	8600	8868	9245	9623	9375	9031	8581	8430	8460
02	13006	11835	13156	14742	17174	18739	18115	15158	13165	12974	12930	12541
42	8478	8107	9843	10561	11636	13057	15220	16450	16220	15936	13925	13375
86	8109	7270	6800	6536	6497	6502	7160	8271	7573	7923	8121	7990
42	4398	4866	5179	5011	5100	5142	5186	4675	4490	4074	4020	3888
90	10810	10635	10765	10945	11500	11900	12500	13500	14350	14350	13870	12690
68	3284	3119	2976	3106	3160	3417	3436	3625	3665	4404	4192	3976
951	8019	8591	10096	13172	16588	19289	20061	16261	14384	11536	9768	8909
273	18790	16751	14770	12847	11587	11522	12200	13145	13409	12700	14513	14995
426	4578	5389	6215	6318	6482	6431	6411	6696	6424	7067	7767	8604
757	3970	3495	3382	3772	4247	4169	4856	4552	4844	4902	5365	5164
851	3721	4151	4646	5265	5201	5228	4870	4208	3632	3266	3062	2718
748	10569	12444	13580	13569	12341	10987	11458	11607	12051	12114	12710	10955
498	3460	3372	3373	3814	4758	5068	5745	4621	4861	4866	5561	5879
763	3639	3467	3378	3209	3135	3173	3354	3343	3178	3048	2961	2783
833	6491	6011	5706	5358	5307	6201	6411	5944	5963	6039	6926	7983
046	11808	12951	13995	14946	14675	12418	10608	9822	9807	8582	7622	6831
350	5891	5731	5755	6329	6530	6276	6467	6706	6535	6045	5598	5827
239	8808	9209	10208	11343	11734	12691	12971	12173	10396	9033	8327	8402
809	5719	5320	5334	5218	5272	5551	5486	5468	5275	4987	4246	4115
224	8852	9866	9587	9164	8237	7997	7395	7081	7261	7275	7288	7106

Chart 2D

21	22	23	24	25	26	27	28	29	30	31	TOTAL
6810	6190	5640	5380	5130	6490	7880	6810	5640	4890	4670	
4100	4890	7150	11000	12500	14900	14900	19000	19700	23700	31200	
5000	4910	4910	4910	4910	5000	5000	5080	6190	5680	5250	
7300	8320	9060	9800	10900	9800	9060	10300	10500	11300	10900	
7980	7720	7450	7450	7180	7180	6920	6920	6660	6660	6390	
9530	8640	8000	7520	7740	8410	8640	9080	9080	8640	8190	
4830	4720	4600	4480	4720	5500	6400	7520	8190	7960	7740	
5710	5220	4980	4980	5220	5340	6240	6660	6810	7740	9150	
16400	18000	18700	18000	16100	14800	12200	12200	12800	11500	11800	
4670	4100	3990	3670	3360	3430	4700	4380	5360	5030	5120	
5700	5540	5320	5540	5470	7040	6740	6520	6440	6070	5920	
12200	11700	10900	10700	9900	9600	9220	9120	9120	10700	11300	
4400	4180	3960	3890	4320	4620	4400	4250	4100	4250	4180	
9600	10200	10500	10200	10200	10400	12000	13100	11700	10200	10200	
7330	7170	7650	9090	8930	7970	8130	7650	7330	7810	8290	
8610	9030	9300	9640	9500	9100	8690	8260	7700	8750	9620	
14500	12600	11800	10800	10500	13000	13500	12700	12500	12900	13100	
8240	8610	9440	11100	12200	12400	12800	13300	12700	12200	11800	
9600	9600	9920	9760	9600	8640	8160	7680	7490	7460	7750	
5468	5074	5796	5022	4787	4461	4241	4198	4667	4521	4537	
8717	8517	7777	7247	6828	6999	5930	5910	6140	6270	6560	
8308	9284	9928	11175	10899	12114	11333	11495	11952	11586	11785	
4969	4717	4632	4615	4825	5036	5266	5255	5317	4972	4676	
8583	10072	11107	11444	11323	10110	9820	9536	10170	11580	11316	
8581	8430	8460	8352	8041	7268	6578	6181	6337	6674	6809	
12974	12930	12541	12865	13949	15565	16723	15918	15515	15115	14000	
15936	13925	13375	13343	16833	18174	14975	11890	10432	10248	10795	
7923	8121	7990	8895	10240	11950	10158	7778	6509	6268	5921	
4074	4020	3888	3711	3338	3312	3040	2876	2505	2306	2130	
14350	13870	12690	11780	11090	10725	10000	10855	11600	11513	10516	
4404	4192	3976	3964	3735	3313	3033	2768	3051	2762	3114	
11536	9768	8909	7754	7128	7836	8923	9582	8753	8044	7795	
12700	14513	14995	14810	15145	15957	15944	14976	13632	12294	10471	426,097
7067	7767	8604	9196	9374	8661	6911	5882	5099	4639	4515	179,709
4902	5365	5164	4767	4518	4524	4740	5434	6571	7559	7289	147,623
3266	3062	2718	2828	3154	3577	3752	3550	3494	3274	3405	125,769
12114	12710	10953	8933	7079	6384	5838	5841	5783	5880	5991	282,088
4866	5561	5879	6017	6201	6925	8055	8577	7771	8254	9359	170,805
3048	2961	2783	2987	2913	2832	2553	2605	2394	2372	2334	114,808
6039	6926	7983	9299	9501	9016	8784	8402	8204	8005	8375	214,264
8582	7622	6831	6225	6750	7498	8365	9154	9524	9492	9120	312953
6045	5598	5827	6462	6098	6658	6286	6269	6315	5787	5017	190,596
9033	8327	8402	9447	11025	11983	14127	16428	15847	14345	12313	355,657
4987	4246	4115	3860	3410	3487	3285	3479	3664	4124	4620	170,918
7275	7288	7106	7107	7859	7933	7868	7286	6819	6630	6476	217,240

YEAR-	1	2	3	4	5	6	7	8	9	10	11	12	13
1895-	4470	4100	3930	3930	4100	3930	4100	3930	3760	3590	3430	3430	3760
1896- 1897	27000	27000	32100	29500	27000	24500	24500	25300	23700	25300	22900	22900	29500
1898-	4910	4820	4820	4480	4310	4480	4140	3970	4140	4650	4910	5170	5510
1899	10200	10500	12800	13900	13900	11300	10500	10500	9800	10200	11600	13900	10200
1900-	6120	6120	6660	6920	7180	7850	7450	6920	6920	6120	5330	4940	4940
1901-	7740	7740	7740	7070	6400	5720	5500	5050	4830	4600	4380	4270	3930
1902	7070	6170	5500	5280	5160	5050	5160	5840	6730	7520	7290	6840	6510
1903-	13300	16200	16200	14400	13300	12700	13300	13800	14400	14400	13800	12700	11500
1904	11800	11800	10400	9440	9440	10100	9770	9770	9600	9440	9440	8800	8180
1905	6070	6260	5890	5380	5180	4940	4860	5360	5360	5010	5010	4920	5090
1906	5700	5470	5620	6070	6140	6440	5700	5700	5470	5540	5920	7430	7990
1907	11700	12200	12200	11900	11100	10900	11300	10700	10300	10000	9700	9320	9320
1908	4030	3820	3960	4260	4030	3890	3960	4400	4780	5500	6260	7770	8670
1909	11600	13900	15400	15900	16000	16000	14600	13000	11800	10800	9400	8230	8230
1910	9090	9250	8290	6850	6790	6850	6250	5950	5200	5050	5650	5950	5500
1911	10500	11500	12400	13400	13400	12800	13300	13800	13500	12400	12500	14100	15100
1912	13200	13300	13700	13600	14000	14400	14800	15300	15600	15100	13900	13300	14300
1913	11400	11000	10900	10500	9920	9680	9280	9360	9280	8720	8160	7600	7360
1914	8020	8150	8750	8400	7550	6430	5800	5620	4820	4510	4200	4160	4280
1915	5049	5114	4524	4067	3842	3890	3822	3999	4124	3945	3630	3428	3149
1916	6620	6470	6960	8179	9468	10068	10178	10582	11262	11622	10902	10012	9570
1917	10945	10482	10360	9902	9270	8811	9153	9429	11048	12940	12928	10816	9286
1918	4749	5176	5636	6558	7437	8777	9016	10176	10760	11557	12061	11855	12282
1919	10255	7472	6089	5464	5206	5145	5188	5118	4899	4586	4265	3990	3755
1920	6487	5870	5508	4985	4893	5269	6030	6487	7077	7214	6868	6349	6153
1921	14670	14220	14340	14695	15550	15975	17037	17258	17540	16818	16617	17625	16612
1922	11577	12915	12796	13520	14444	15650	16463	14915	15022	12475	10466	10142	10280
1923	6042	5198	4530	4716	4888	5297	6345	7213	8065	8744	9037	10502	9524
1924	1935	1858	2013	2026	1969	1634	1948	1302	1670	1463	1260	1293	1160
1925	8333	8046	7281	6584	5910	5445	4939	4668	4456	4555	4763	4857	4997
1926	2718	2626	2718	2576	2514	2497	2566	2340	2403	2135	2055	1939	1807
1927	6947	6653	6698	7545	8288	9452	12595	15620	17584	15675	14750	16150	16294
1928	8985	8113	7355	6921	6982	7153	6716	6596	6177	5503	5541	5158	4911
1929	4039	4708	4073	4456	4007	3865	4717	5046	5665	5839	5492	5378	5359
1930	6967	4563	4552	4368	4000	3929	4232	5477	6346	6983	6399	6649	6288
1931	3335	3636	3543	3254	2910	2647	2580	2501	2502	2161	2134	2028	1619
1932	5747	5425	5100	5332	6021	8061	7489	6278	5952	6154	6787	7159	8423
1933	11448	12048	12091	12508	11191	9955	10361	9261	9038	11474	11156	11117	11423
1934	2235	2292	2075	1917	1903	1614	1694	1788	1897	1628	1676	1636	1635
1935	8859	8727	8204	7712	7596	7983	8495	8603	8779	8648	7399	7437	7305
1936	9965	9828	8690	7783	7050	6627	7284	8334	7421	6245	5807	5408	5523
1937	4446	3857	3969	4140	4323	3737	3532	3159	3329	3796	3510	3291	2979
1938	12041	12283	13073	13791	13719	13699	13906	13723	13000	11393	9451	8936	9236
1939	4184	3820	3378	3153	2996	2798	2702	2364	2324	2327	2259	2226	2131
1940	6577	6623	6228	5771	5412	4936	4592	4410	4362	3753	3865	3782	4243

JUNE

	12	13	14	15	16	17	18	19	20	21	22	23
0	3430	3760	3590	3760	3590	3430	3120	2970	3120	3270	3590	4100
0	22900	29500	35500	32100	32100	32100	31200	30400	27000	27000	22900	19000
0	5170	5510	5690	6020	6020	5100	4530	3900	3900	3740	3900	4530
0	13900	10200	11300	10500	11300	13900	16100	17200	18700	15000	11300	10500
0	4940	4940	4940	4810	5730	4810	4230	4230	4230	4460	4340	3910
0	4270	3930	3710	3710	3930	4380	4600	4930	5280	5500	5280	4830
0	6840	6510	5950	5280	4380	4160	3940	3940	3740	3550	3550	3550
0	12700	11500	10500	10000	10500	10000	10000	7740	7110	6520	6240	6240
0	8900	8180	8480	8800	10100	10800	10400	10100	8960	8480	8180	7580
0	4920	5090	4930	4460	4000	3990	3650	3110	2930	3120	2990	2930
20	7430	7990	6900	6740	6600	6600	6000	5620	5400	5320	5180	5040
00	9320	9520	8850	8130	7410	6340	5740	5930	6170	7050	7770	7220
60	7770	8670	8310	4550	5180	8490	7770	6870	5830	5660	4860	4400
00	8230	8230	8230	11800	13000	12800	12800	12000	11600	9600	9200	8230
50	5950	5500	5350	5350	5200	5050	4900	4190	4050	4050	3840	3490
00	14100	15100	14700	15100	15000	14400	13500	14000	13900	13100	12500	12300
00	13300	14300	13800	12000	10500	9410	8770	8610	8950	9600	9300	8990
60	7600	7360	7120	6580	6060	5980	5600	5530	5160	4640	4500	4640
00	4160	4280	4280	4140	4720	5020	5320	5620	5320	5020	4720	4140
50	3428	3149	2848	2699	2666	2802	2798	2820	2743	2732	2609	2598
002	10012	9570	10158	11059	12138	13142	14280	15450	13190	10262	8651	7470
028	10816	9286	7885	8621	10266	11395	13840	14535	14566	13453	12962	11684
061	11855	12282	12601	11324	9414	7893	7507	7440	7170	6675	6964	6615
065	3990	3755	3557	3436	3383	3392	3334	3276	3154	3999	2937	2871
068	6349	6153	6119	6316	6708	6845	6440	5909	5372	5213	5177	5181
517	17625	16612	15901	13645	11422	8661	7218	7047	7591	7649	8270	8770
466	10142	10280	11675	16005	12185	11735	11621	11721	11290	11142	10158	8827
037	10502	9524	7543	5722	7972	5150	4877	5162	5152	5247	6730	6020
260	1293	1160	1265	1703	1194	1061	1009	944	998	989	984	976
763	4857	4997	5108	5234	5415	5470	5210	6540	6391	7203	8280	8590
055	1939	1807	1670	1581	1482	1379	1343	1274	1426	1364	1350	1304
750	16150	16294	15869	15574	14561	13880	12861	12882	13360	12600	12002	11701
541	5158	4911	4695	4404	4352	4304	3931	3857	3787	3733	3868	3825
492	5378	5359	5535	5797	6342	7305	6062	4896	4275	3946	4095	4135
399	6649	6288	5715	4867	4237	4229	4593	4238	3786	3579	3310	3101
2134	2028	1619	1750	1578	1506	1531	1507	1428	1323	1261	1205	1185
5787	7159	8423	8638	9594	11250	10637	9668	8333	8291	8168	7948	9118
156	11117	11423	12035	12093	12214	11586	9977	8216	7127	6552	6375	5944
676	1636	1635	1578	1526	1430	1350	1263	1172	1064	1047	1056	1023
399	7437	7305	6893	6609	5901	5174	4585	4679	4618	4706	4385	4288
5807	5408	5523	5579	5326	5307	4841	4555	4223	4012	3679	3637	3379
8510	3291	2979	2708	2697	2762	2797	2776	2610	2537	2601	2822	2965
3451	8936	9236	9148	8857	8741	8587	8585	7465	6657	6267	6787	6962
2259	2226	2131	2218	2211	2269	2305	2220	2001	1968	1876	1821	1683
8865	3782	4243	4395	4385	4048	3864	3613	3570	3328	3012	2827	2612

Chart 2E

	22	23	24	25	26	27	28	29	30	31	TOTAL
70	3590	4100	4100	4100	4100	3930	3930	3930	3760		
00	22900	19000	15500	14300	14300	27000	11500	9520	9520		
40	3900	4530	3740	3600	3600	3740	3600	3460	3460		
80	5680	5680	5510	5170	4650	4650	3970	3800	3460		
00	11300	10500	12000	12000	11300	10500	11300	12200	11300		
60	4340	3910	3710	3520	3330	2980	2810	2480	2350		
00	5280	4830	4380	3710	3060	2880	2720	2880	3060		
50	3550	3550	3740	3550	3190	3030	2730	2660	2520		
20	6240	6240	5460	5220	5220	5100	4980	4980	4530		
80	8180	7580	6500	6070	5540	5540	5540	5770	5770		
120	2990	2930	2880	2880	2770	2670	2560	2390	2240		
320	5180	5040	4760	4760	4900	5040	5920	5040	4480		
050	7770	7220	6510	6510	7770	7950	8670	9500	9220		
660	4860	4400	4250	4180	5020	5830	5420	5100	5340		
600	9200	8230	8040	7860	7500	7050	7680	7680	7680		
050	3840	3490	3360	3360	3360	3360	3360	3230	3100		
00	12500	12300	11200	9500	8750	8150	9160	8400	7970		
600	9300	8990	9170	8710	8560	8260	7150	6400	6100		
640	4500	4640	4640	4360	3940	3660	4080	3660	3400		
5020	4720	4140	3870	3730	3640	3540	3450	3360	3270		
2732	2609	2598	2578	2635	2581	2339	2045	1955	1920		
0242	8651	7470	7140	7652	8584	9314	9784	9420	7796		
3453	12962	11684	10581	10248	9269	9101	9485	9517	8933		
6675	6964	6615	6750	5485	4699	4072	3663	3394	3524		
3999	2937	2871	2719	2621	2430	2319	2248	2150	2078		
5213	5177	5181	5128	4799	4317	3859	3554	3342	3465		
7649	8270	8770	9205	9133	8310	6694	6628	7439	6826		
1142	10158	8827	7840	6940	6928	6536	6080	5557	5137		
5297	6730	6020	5878	5423	4917	5132	5037	5765	6268		
989	984	976	971	925	979	913	848	844	872		
7203	8280	8590	8012	7286	6438	6298	5927	5747	5902		
1364	1350	1304	1192	1123	1049	1099	1040	1031	935		
12600	12002	11701	11590	11419	11187	13198	9724	8546	7506		
3733	3868	3825	3952	4065	4037	4027	3394	3358	3328		152,828
3946	4095	4135	4073	3962	3936	4005	3839	3784	3699		142,948
3579	3310	3101	2872	2987	2604	2442	2394	2359	2241		128,691
1261	1205	1185	1133	1108	1016	898	722	687	742		55,431
8168	7948	9118	9447	8649	8662	7123	7040	6545	6073		229,112
6552	6375	5944	6374	5249	4887	4988	4345	4269	3797		269,099
1047	1056	1023	959	870	839	930	1017	1037	969		43,120
4706	4385	4288	4283	3743	3480	3281	3130	3051	3078		181,631
3679	3637	3379	3178	3153	2967	2866	2489	2357	2111		159,642
2601	2822	2965	2580	2294	2115	1911	1769	1838	1648		89,498
6261	6787	6962	6537	6114	6286	6412	6067	5592	5774		279,069
1876	1821	1683	1640	1637	1643	1546	1417	1398	1429		67,944
3012	2827	2612	2354	2123	2041	1855	1717	1899	1432		113,629

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	3590	3430	3430	3430	3120	3120	3430	3430	3270	3270	3120	3120	3120
1896	9080	11500	12500	12500	11500	11000	10500	9980	9080	8660	8260	8260	7510
1897	3460	4080	3600	3260	3260	3070	2880	2810	2420	2290	2360	2350	2290
1898	3290	3120	2600	2600	2430	2600	2430	2430	2600	2600	2430	2600	2260
1899	11300	10200	10200	9800	8690	7960	7780	8320	7780	7600	7300	7000	6700
1900	2180	2040	1980	1910	1680	1620	1570	1460	1460	1520	1520	1520	1460
1901	2880	2880	2880	2800	2430	2300	2300	2300	2180	2180	2070	1970	1970
1902	2280	2400	2340	2660	2220	2110	2000	1900	1900	1950	1950	2000	2060
1903	4310	3900	3520	3080	2990	3020	2990	2830	2610	2400	2400	2260	2400
1904	5770	5540	5540	5540	4680	4680	4680	4680	4680	4090	3720	3370	3210
1905	2150	2150	2060	1970	1870	1790	1710	1630	1550	1470	1430	1350	1270
1906	4130	4270	4480	4550	4340	4200	4060	3860	3670	3420	3240	3180	2950
1907	8940	8670	8850	9220	8940	7770	6000	6260	6990	6870	6510	6260	6260
1908	5580	5660	5740	4400	5500	4940	4400	4400	4320	4100	3960	3560	3430
1909	7680	7500	7500	6780	6260	6010	5770	5470	5170	3910	3720	3650	3410
1910	2970	2780	2660	2600	2720	2360	2250	2140	2140	2030	1980	1880	1830
1911	7230	6360	6100	6300	6350	6240	6280	5720	4880	4370	3950	3820	3680
1912	5500	5050	4610	4050	3910	3770	3630	3490	3230	3100	2970	2970	2840
1913	3530	3400	3270	3400	3140	3140	3140	3020	2770	2650	2420	2200	2100
1914	3180	3030	2890	2760	3770	2960	2710	2470	2280	2200	2340	2160	1980
1915	1899	1843	1780	1767	1672	1872	1894	2065	1762	2001	1666	1582	1539
1916	7236	8410	8074	6851	6408	7015	7302	7394	7511	6736	6069	5816	5584
1917	8343	8083	7952	8089	7896	7188	7099	6683	6293	5838	5125	4666	4380
1918	3181	2916	2773	2605	2470	2176	2197	2210	2055	1968	1934	2086	1858
1919	1934	1869	1728	1626	1537	1460	1448	1411	1384	1334	1272	1218	1122
1920	3529	3574	3425	3139	2987	2825	2654	2470	2315	2167	2047	1998	1990
1921	5928	5285	4216	4406	3896	3750	3922	3772	3731	3650	3313	3645	2956
1922	4597	4132	4014	3657	3499	3258	3454	3009	2946	2656	2512	2506	2385
1923	6345	6011	5031	5109	4710	4275	4065	3834	3931	3472	3246	3762	3204
1924	789	695	686	684	675	629	650	615	615	563	554	590	587
1925	5650	4866	4388	4062	3889	3613	3299	2852	3004	2639	2536	2674	2361
1926	944	927	880	861	826	812	800	780	824	829	841	774	739
1927	7214	6826	6685	6340	5880	4949	5104	5014	4905	4723	4366	4377	4170
1928	2922	3023	2928	2683	2796	2729	2403	2319	2309	2102	2098	2084	1974
1929	3459	3250	2814	2599	2363	2282	2149	2042	1917	1860	1793	1686	1602
1930	2096	1895	1887	1913	1846	1799	1709	1599	1490	1414	1403	1429	1356
1931	730	780	726	704	655	637	634	635	632	631	646	645	618
1932	5403	5232	4606	3919	3729	3321	2775	2850	2956	2703	2467	2595	2242
1933	3548	2842	2789	2615	2584	2423	2312	2142	2093	2005	1803	1648	1548
1934	914	878	858	823	780	765	728	737	714	675	684	639	558
1935	2696	2493	2479	2280	2287	2144	2301	2041	1898	1746	1630	1669	1715
1936	2004	1849	1680	1686	1614	1638	1552	1528	1379	1493	1522	1550	1544
1937	1701	1497	1437	1252	1358	1258	1244	1248	1218	1200	1109	1039	964
1938	6644	5707	5906	5470	5398	5031	4585	4216	3980	3947	3606	3538	3017
1939	1347	1354	1301	1285	1388	1464	1389	1329	1264	1131	1072	1056	1033
1940	1470	1571	1481	1482	1526	1422	1394	1353	1196	1165	1149	1096	1062

JULY

	12	13	14	15	16	17	18	19	20	21	22	23	24
	3120	3120	3120	3120	3120	2830	1870	1870	1770	1680	1680	1510	1430
	8260	7510	7150	6490	5910	4890	4470	4100	3120	2560	1870	2560	3120
	2350	2290	2290	2290	2160	2160	2290	2160	1900	1840	1640	1980	1840
	2600	2260	2260	2090	1920	1750	1660	1580	1490	1400	1320	1230	1150
	7000	6700	6120	5580	5060	4820	4580	4480	4160	4160	3760	3560	2980
	1520	1460	1410	1270	1270	1230	1190	1160	1100	1080	1080	1050	1050
	1970	1970	1870	1780	1780	1696	1640	1600	1600	1540	1510	1560	1600
	2000	2060	1950	1900	1850	1800	1700	1700	1610	1520	1350	1190	1190
	2260	2400	2330	2260	2400	2470	2400	2010	1950	2010	2130	2010	1900
	3370	3210	3050	2900	2670	2500	2500	2440	2380	2380	2380	2440	2260
	1350	1270	1210	1170	1140	1070	1030	1010	990	970	950	930	880
	3180	2950	2780	2510	2350	2200	2060	1950	1780	1660	1590	1660	1740
	6260	6260	5420	5100	4700	4480	4250	4250	4320	4100	3950	3810	3600
	3560	3430	3690	3960	3070	2470	2420	2320	2170	2120	2030	2030	1850
	3650	3410	3170	3050	2930	2810	2590	2540	2370	2200	2150	2050	1970
	1880	1830	1780	1730	1680	1380	1550	1550	1420	1420	1420	1340	1300
	3820	3680	3540	3540	3480	3280	3150	2960	2710	2590	2420	2500	2190
	2970	2840	2840	2720	2600	2480	2480	2480	2250	2250	2030	2030	1830
	2200	2100	1990	1890	1800	1710	1710	1620	1710	1620	1620	1620	2310
	2160	1980	2010	1840	1780	1710	1620	1540	1550	1810	1630	1470	1470
	1582	1539	1570	1370	1162	1228	1197	1111	1102	1041	1007	960	929
	5816	5584	5211	4830	4471	4661	4001	3584	3258	3110	2894	2704	2591
	4666	4380	3940	3492	3222	3052	2971	2744	2579	2380	2210	2055	2047
	2086	1858	1735	1698	1819	1718	1480	1719	1651	1566	1585	1272	1111
	1218	1122	1094	1119	1087	1047	940	914	863	888	835	770	762
	1998	1990	1889	1752	1589	1537	1431	1424	1360	1333	1270	1243	1180
	3645	2956	2907	2538	2670	2392	2293	2277	2086	1840	2042	1872	1694
	2506	2385	2241	2007	2334	1919	1936	1861	1838	1891	1776	1739	1662
	3702	3204	3249	3091	2602	2790	2609	2362	2191	2148	2125	1893	1950
	590	587	580	561	540	523	522	531	544	544	544	544	544
	2674	2361	2203	2092	2054	1884	1917	1803	1793	1619	1735	2095	1675
	774	739	672	681	646	689	638	639	600	542	497	494	493
	4377	4170	3847	3643	3553	3168	3209	2923	2887	2756	2365	2375	2078
	2084	1974	1920	1875	1856	1845	1733	1627	1567	1475	1455	1421	1390
	1686	1602	1480	1415	1354	1355	1252	1221	1092	1078	1060	981	987
	1429	1356	1335	1261	1219	1199	1139	1084	987	965	989	950	928
	645	618	603	595	598	576	555	552	516	496	455	450	435
	2595	2242	2710	2887	2349	1977	2035	1902	2203	1820	1761	1717	1618
	1648	1548	1427	1415	1299	1253	1270	1209	1113	1059	1017	1018	996
	639	558	528	513	554	560	552	563	524	512	463	496	478
	1669	1715	1652	1548	1480	1436	1378	1245	1214	1149	1144	1103	1073
	1550	1544	1481	1344	1263	1224	1216	1173	1144	1092	1113	1103	1098
	1039	964	897	849	863	855	923	858	861	801	781	779	732
	3538	3017	3060	2911	2940	2934	2684	2491	2264	2223	2109	1931	1925
	1056	1033	973	946	909	869	854	831	793	772	770	771	795
	1096	1062	1020	968	944	876	871	845	836	826	812	772	786

Chart 2F

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	1680	1680	1510	1430	1350	1350	1350	1280	1350	1350	1280	
	2560	1870	2560	3120	3120	2310	2080	1870	2310	2310	2190	
	1840	1640	1980	1840	1770	1640	1640	1580	1510	1380	1440	
	1400	1320	1230	1150	1060	978	892	892	892	978	892	
	4160	3760	3560	2980	2980	2780	2580	2580	2390	2490	2390	
	1080	1080	1050	1050	1120	1120	1050	1050	990	978	960	
	1540	1510	1560	1600	1560	1510	1350	1200	1130	1080	1060	
	1520	1350	1190	1190	1190	1126	1120	1120	1120	1120	1040	
	2010	2130	2010	1900	1900	1780	1780	1570	1470	1380	1330	
	2380	2380	2440	2260	2140	1920	1810	1810	1810	1700	1600	
	970	950	930	880	860	840	820	820	810	780	750	
	1660	1590	1660	1740	1410	1370	1310	1300	1260	1240	1200	
	4100	3950	3810	3600	3460	3270	3200	3340	3270	3020	2840	
	2120	2030	2030	1850	1810	1690	1580	1540	1470	1440	1330	
	2200	2150	2050	1970	1870	1820	1970	2080	1820	1680	1500	
	1420	1420	1340	1300	1260	1230	1160	1160	1130	1100	1070	
	2590	2420	2300	2190	2080	2020	1970	1860	1760	1720	1670	
	2250	2030	2030	1830	1830	1640	1640	1550	1460	1330	1930	
	1620	1620	1620	2310	3940	3800	3400	3140	2650	2420	2200	
	1810	1630	1470	1470	1395	1320	1250	1250	1270	1210	1210	
	1041	1007	960	929	892	871	870	845	831	813	849	
	3110	2894	2704	2591	2465	2424	2274	2162	2050	1944	1869	
	2380	2210	2055	2047	1881	1789	1743	1716	1640	1574	1514	
	1566	1585	1272	1111	1283	1265	1192	1118	1054	1241	1327	
	888	835	770	762	747	746	729	747	741	743	753	
	1333	1270	1243	1180	1119	1109	1116	1140	1042	1046	962	
	1840	2042	1872	1694	1812	1677	1600	1436	1345	1389	1354	
	1891	1776	1739	1662	1599	1575	1450	1421	1442	1370	1347	
	2148	2125	1893	1950	2277	1986	1790	1772	1538	1484	1462	
	544	544	544	544	544	520	500	470	450	430	425	
	1619	1735	2095	1675	1532	1380	1410	1433	1233	1350	1258	
	542	497	494	493	485	465	459	442	429	429	429	
	2756	2365	2375	2078	2232	1979	2061	1834	1808	1930	1649	
	1475	1455	1421	1390	1300	1244	1243	1236	1222	1223	1144	
	1078	1060	981	987	949	923	875	845	846	811	804	49,144
	965	989	950	918	888	841	855	823	822	774	722	39,617
	496	455	450	435	423	418	405	406	389	384	406	17,335
	1820	1761	1717	1618	1507	1404	1412	1324	1328	1243	1152	71,149
	1059	1017	1018	996	985	945	913	888	886	881	879	49,805
	512	463	496	478	461	440	421	413	427	427	441	18,626
	1149	1144	1103	1073	1021	993	1015	988	960	943	946	48,667
	1092	1113	1103	1098	1100	1076	1068	1062	966	880	837	41,279
	801	781	779	732	729	710	705	683	640	622	597	30,410
	2223	2109	1931	1925	1773	1805	1736	1646	1725	1697	1484	100,383
	772	770	771	795	778	690	669	648	670	659	630	30,440
	826	812	772	786	752	792	729	731	757	790	760	32,234

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	1280	1210	1210	1210	1210	1140	1140	1140	1070	1070	1070	1070	1070
1896	2190	1870	2190	1770	1680	1680	1590	1590	1590	1510	1510	1350	1280
1897	1380	1380	1250	1320	1320	1320	1320	1250	1250	1180	1180	1180	1120
1898	992	1060	892	892	892	892	892	892	892	892	892	806	806
1899	2390	2060	2060	2060	2060	2060	2200	2390	2390	2060	1940	1940	1760
1900	930	920	905	905	895	905	895	895	895	830	822	855	870
1901	1060	1060	1060	1050	1010	955	860	758	758	758	800	830	818
1902	1040	970	900	900	830	900	900	830	527	575	635	830	865
1903	1240	1200	1110	1070	1280	865	905	828	828	828	828	828	790
1904	1560	1500	1500	1500	1450	1600	1550	1660	1660	1160	1160	1120	1120
1905	820	760	760	760	760	760	700	675	650	650	650	650	650
1906	1160	1110	1160	1160	960	920	920	880	845	810	780	750	810
1907	2670	2500	2450	2340	2140	2040	1940	1900	1800	1760	1720	1640	1600
1908	1330	1400	1160	1330	1160	1190	1220	1160	1190	960	990	1050	930
1909	1590	1500	1410	1320	1310	1270	1230	1190	1190	1190	1110	1070	1030
1910	1070	1040	1020	990	990	990	965	965	940	940	915	890	890
1911	1580	1540	1540	1500	1460	1410	1340	1370	1340	1300	1260	1260	1200
1912	2860	2250	2030	2030	1830	1640	1550	1460	1460	1380	1300	1300	1300
1913	1990	1890	1800	1710	1710	1800	1710	1620	1620	1540	1460	1380	1380
1914	1210	1210	1140	1280	1210	1140	1140	1070	1000	1000	1000	1000	937
1915	939	897	840	791	762	748	747	729	707	693	679	679	651
1916	1807	1734	1667	1620	1568	1512	1463	1423	1391	1368	1322	1294	1264
1917	1464	1400	1363	1371	1302	1273	1238	1203	1150	1096	1066	1036	1008
1918	994	1055	1032	1121	1073	846	851	901	893	958	916	830	814
1919	740	678	642	607	607	627	643	649	666	628	613	628	670
1920	924	882	831	767	713	702	782	740	765	693	693	645	621
1921	1388	1332	1387	1280	1111	1226	1195	1289	1231	1285	1267	1328	1109
1922	1349	1373	1328	1420	1572	1481	1330	1250	1070	1104	1129	1074	1003
1923	1490	1290	1417	1278	1177	1097	1273	1407	1117	985	1221	1182	1091
1924	427	439	404	408	404	404	407	385	410	379	384	392	386
1925	1118	1146	1078	1167	1157	1061	1006	1093	1058	934	951	982	1177
1926	481	457	434	443	419	429	435	439	477	505	511	509	516
1927	1622	1601	1515	1461	1422	1425	1364	1314	1238	1179	1180	1166	1197
1928	1106	1109	1099	1085	1061	1021	1042	1045	1057	982	885	796	793
1929	796	818	837	808	778	695	711	628	616	582	632	638	601
1930	686	654	648	669	687	681	717	682	707	714	819	925	922
1931	439	478	459	458	426	405	385	375	365	355	355	365	360
1932	1146	1124	1120	1061	1020	974	1006	968	943	891	918	905	898
1933	870	864	861	849	845	800	720	690	686	727	698	670	606
1934	442	448	456	435	434	420	409	359	335	325	315	352	367
1935	909	871	848	822	828	807	754	745	699	666	655	627	594
1936	812	826	853	844	800	758	712	682	645	644	669	758	811
1937	564	528	532	481	486	471	472	449	482	486	468	460	437
1938	1539	1425	1352	1359	1346	1361	1327	1259	1208	1165	1112	1122	1086
1939	643	635	613	582	580	516	515	507	481	511	479	493	499
1940	736	703	647	651	644	622	632	572	536	510	476	509	468

AUGUST

	12	13	14	15	16	17	18	19	20	21	22	23
11	12	13	14	15	16	17	18	19	20	21	22	23
070	1070	1070	1070	1070	1010	1010	950	950	950	950	890	890
510	1350	1280	1210	1210	1210	1210	1070	1070	1010	1010	950	1010
180	1180	1120	1120	1120	1060	990	990	925	925	860	795	860
892	806	806	806	721	721	550	550	721	721	721	721	550
940	1940	1760	1700	1700	1700	1700	1580	1520	1580	1700	1820	1820
822	855	870	880	845	830	845	830	822	830	822	822	855
800	830	818	830	800	830	818	800	800	818	830	830	800
655	830	865	879	886	865	830	830	830	795	795	774	760
828	828	790	790	790	768	828	752	752	715	715	715	715
160	1120	1120	1120	1100	1070	1100	1070	1100	1070	1160	1160	1160
650	650	650	625	625	625	625	625	625	600	600	580	580
780	750	810	840	810	750	750	725	675	700	700	750	845
720	1640	1600	1520	1480	1440	1400	1360	1320	1320	1280	1210	1280
990	1050	930	960	1220	1050	1080	990	990	960	990	990	1020
110	1070	1030	1000	960	930	950	920	920	950	850	820	790
915	890	890	890	890	890	890	890	870	860	830	850	830
260	1260	1200	1200	1160	1130	1130	1100	1100	1100	1070	1070	1070
800	1300	1300	1250	1230	1230	1160	1160	1160	1160	1160	1100	1040
460	1580	1580	1310	1310	1310	1230	1160	1160	1160	1160	1020	1020
000	1000	937	937	937	873	873	873	873	873	873	812	812
679	679	651	640	636	640	618	577	582	588	582	578	579
322	1294	1264	1239	1207	1198	1251	1277	1390	1287	1234	1187	1138
066	1035	1008	997	971	969	1010	1093	1076	1007	967	925	905
916	850	814	895	875	964	1064	1021	981	893	820	700	809
613	628	670	667	624	621	585	593	563	556	546	537	543
693	645	621	578	553	571	579	595	558	526	480	504	553
1267	1328	1109	1069	1074	996	975	998	928	802	906	762	879
1129	1074	1003	980	989	926	961	943	987	935	910	883	862
1221	1182	1091	1055	854	1103	1030	898	829	1027	1612	1212	1070
384	392	386	366	376	376	370	370	370	413	461	431	415
961	982	1177	1208	1278	1096	1073	974	1004	1023	908	901	817
511	509	516	509	496	479	465	460	528	642	674	644	570
180	1166	1197	1234	1336	1420	1381	1326	1278	1217	1165	1068	1055
885	796	793	773	784	782	768	740	744	751	727	739	694
632	638	601	564	522	501	479	446	488	503	506	532	517
819	825	922	929	893	904	802	771	745	733	730	700	597
355	355	360	360	360	360	360	360	360	360	360	360	349
918	905	898	835	846	827	778	769	719	683	621	626	656
698	670	606	576	566	577	602	583	576	539	517	490	523
315	352	367	385	393	380	380	372	356	357	356	343	342
655	627	594	568	568	561	553	571	590	579	581	571	543
669	758	811	855	910	878	768	706	630	570	593	593	595
468	460	437	385	365	350	346	359	383	375	358	350	333
1112	1122	1086	1056	1065	1086	1091	1065	1041	1011	1010	1046	1044
479	493	499	502	493	466	416	380	394	364	353	365	378
476	509	468	470	498	461	454	433	416	415	443	457	424

CHART 20

21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	890	890	890	890	890	890	950	890	890	890	
1010	950	1010	1010	950	1010	950	1010	1010	1070	1210	
860	795	860	860	860	990	990	990	990	990	860	
721	721	550	550	550	550	550	550	550	636	550	
1700	1820	1820	1700	1580	1460	1400	1220	1220	1100	1100	
822	822	855	880	965	870	855	855	822	830	830	
830	830	800	800	740	770	740	788	770	800	770	
795	774	760	760	750	728	728	728	695	695	708	
715	715	715	715	715	752	790	865	905	828	790	
1160	1160	1160	840	840	750	682	682	682	930	930	
600	580	580	580	580	580	580	580	560	560	560	
700	750	845	920	880	780	780	725	780	780	750	
1280	1210	1280	1320	1400	1400	1400	1400	1320	1240	1210	
990	990	1020	990	900	900	870	870	870	870	870	
850	820	790	790	820	760	730	705	780	910	850	
830	850	830	830	830	830	850	830	850	830	850	
1070	1070	1070	1070	1040	1040	1020	1020	1020	1020	993	
1160	1100	1040	1040	1040	1040	1040	1040	990	990	990	
1160	1020	1020	1020	1020	1020	1020	1020	1020	956	956	
873	812	812	806	800	794	788	782	776	776	776	
582	578	579	598	620	595	591	569	534	536	538	
1234	1187	1138	1081	1055	1021	1002	1000	983	1052	1016	
967	925	905	881	849	831	874	862	827	809	790	
820	700	809	925	848	850	807	817	879	930	784	
546	537	543	522	494	492	482	484	490	502	503	
480	504	553	624	620	592	604	632	657	670	639	
906	762	879	619	748	831	780	747	551	687	683	
910	883	862	827	804	825	846	836	854	867	887	
1612	1212	1070	1135	684	1051	892	884	815	779	821	
461	431	415	401	387	374	365	361	386	381	381	
908	901	817	802	874	754	750	664	821	735	755	
674	644	570	514	503	498	494	483	459	470	488	
1165	1068	1055	980	965	908	918	903	855	844	856	
727	739	694	674	671	614	634	623	639	648	645	
506	532	517	511	496	486	515	524	538	556	587	18,411
730	700	597	567	546	517	498	519	536	566	564	21,628
360	360	349	349	347	345	340	353	353	347	340	11,578
621	626	656	700	718	687	675	676	719	784	814	26,106
517	490	523	540	553	545	585	625	636	605	617	20,141
356	343	342	350	350	350	357	350	350	360	383	11,311
581	571	543	508	486	483	478	494	515	520	527	19,511
593	593	595	604	605	603	605	592	572	547	576	21,626
358	350	333	336	337	344	375	425	408	426	427	12,998
1010	1046	1044	1048	1036	1039	1005	984	952	947	898	35,079
353	365	378	370	378	381	385	387	399	431	424	14,320
443	457	424	456	438	466	450	443	442	430	438	15,740

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	830	830	830	890	890	890	890	890	890	950	1070	1070	1070
1896	1210	1210	1070	1010	950	950	950	890	890	890	950	950	890
1897	860	990	990	990	1120	1120	1120	990	990	1120	1120	1120	1250
1898	550	550	636	636	636	636	636	636	636	721	721	721	721
1899	1340	1340	1340	1340	1280	1220	1220	1220	1220	1220	1220	1100	1100
1900	810	810	802	810	930	990	905	855	855	870	905	822	822
1901	770	770	770	830	830	800	800	800	800	770	770	770	740
1902	728	728	695	695	665	665	653	635	635	665	695	665	635
1903	828	752	715	715	715	715	715	715	715	715	715	828	945
1904	840	622	622	622	622	622	280	280	280	280	840	840	840
1905	560	560	560	560	560	560	560	560	560	560	560	560	560
1906	750	750	780	725	700	700	675	675	675	675	675	675	780
1907	1210	1240	1240	1280	1210	1240	1180	1100	1070	1040	1070	1100	1070
1908	870	840	810	810	782	810	840	990	930	870	900	930	900
1909	1020	1170	1250	750	1050	1170	1170	1090	1010	940	970	970	1000
1910	830	850	850	850	830	850	830	830	810	810	780	780	780
1911	993	969	969	969	993	1020	1070	1070	1070	1020	993	993	969
1912	1040	1100	1040	1230	1300	1160	1160	1160	1160	1100	1040	1160	1160
1913	956	892	956	956	892	892	892	892	956	1160	1020	956	892
1914	718	817	718	718	718	718	718	718	718	718	718	718	836
1915	678	868	753	675	660	653	646	619	624	627	632	609	679
1916	976	944	940	969	962	944	933	916	929	1025	1006	988	957
1917	781	766	783	754	741	731	725	713	698	683	694	701	705
1918	752	718	858	725	659	520	623	619	655	878	1037	1044	856
1919	502	493	503	511	511	500	504	524	542	546	523	495	470
1920	684	653	657	590	517	473	464	519	544	555	565	588	528
1921	756	718	733	730	774	842	721	686	726	680	693	632	749
1922	940	969	947	927	905	865	845	823	807	801	797	793	767
1923	832	859	770	817	766	797	714	631	716	685	679	628	753
1924	386	381	381	390	377	395	390	391	385	394	395	390	386
1925	743	736	669	658	544	686	825	1055	950	903	805	796	916
1926	518	524	515	497	491	475	476	466	469	463	456	449	451
1927	885	890	867	878	889	835	813	755	783	817	830	971	1010
1928	672	642	652	626	593	621	615	626	639	657	676	691	761
1929	594	584	554	520	519	524	526	526	541	587	566	557	545
1930	551	549	533	533	500	500	500	500	541	537	549	622	679
1931	342	342	342	332	331	333	322	322	335	340	365	365	379
1932	828	840	815	803	777	719	693	673	655	681	668	723	760
1933	675	672	630	580	570	565	584	569	578	557	589	574	553
1934	424	442	427	408	374	363	370	376	383	380	377	399	405
1935	498	482	456	482	513	543	559	524	519	515	505	496	485
1936	602	629	671	681	734	842	879	878	830	724	675	658	638
1937	447	468	450	430	431	411	445	468	436	417	420	391	402
1938	582	901	572	586	855	821	819	809	837	831	835	807	796
1939	433	435	437	436	447	456	462	470	477	476	482	476	511
1940	408	423	439	469	796	651	674	625	642	648	603	576	562

SEPTEMBER

1	12	13	14	15	16	17	18	19	20	21	22	23
1070	1070	1070	1070	1140	1140	1070	1010	950	1010	950	950	950
950	950	890	950	950	950	890	890	830	890	890	830	890
120	1120	1250	1250	1120	1120	1120	990	990	990	1120	1120	1120
721	721	721	721	721	721	721	636	550	550	550	550	721
220	1100	1100	1100	1220	1280	1160	1100	1100	1100	1100	1050	1050
905	922	922	870	930	810	822	830	870	855	845	830	845
770	770	740	770	770	800	770	800	770	770	830	860	920
695	665	635	665	695	665	635	665	695	695	695	695	695
775	828	945	945	945	905	828	790	715	715	715	752	730
840	840	840	840	840	840	840	750	795	750	840	750	840
560	560	560	560	560	560	560	580	580	580	580	580	580
675	675	780	810	750	725	700	700	675	675	650	625	625
1070	1100	1070	1040	1040	1000	1000	965	1000	965	930	965	930
900	930	900	870	840	930	990	1260	1120	1020	990	960	930
970	970	1000	910	870	840	840	840	890	840	780	790	850
780	780	780	810	965	1100	1380	1230	1230	1100	1040	990	940
993	993	969	969	947	947	969	969	969	993	993	993	993
1040	1160	1160	1160	1100	1100	1100	1160	1160	1100	1040	1040	1040
1020	956	892	892	830	830	830	892	892	886	880	873	1000
718	718	836	836	1030	1170	1100	1100	1100	1030	1100	1030	963
632	609	679	632	656	665	648	630	631	607	607	597	594
1006	988	957	925	917	905	880	855	843	843	856	831	821
694	701	705	765	772	736	715	699	679	667	647	655	720
1037	1044	856	912	900	1008	927	948	936	1527	817	791	822
523	495	470	464	491	523	591	736	797	739	712	506	624
565	588	528	570	620	725	708	673	749	638	630	630	648
693	632	749	867	947	767	717	751	839	883	1037	1108	1031
797	793	767	756	735	715	715	715	745	785	756	756	756
679	628	753	645	701	697	652	598	640	638	645	639	652
385	380	386	392	398	388	388	387	402	434	455	569	458
805	796	916	769	832	856	833	770	731	768	877	874	747
456	449	451	460	461	460	526	521	483	505	598	499	499
830	971	1010	1045	1046	1015	1046	976	979	884	886	866	869
676	691	761	799	816	815	775	726	690	692	690	691	689
566	557	545	506	481	477	477	477	477	484	493	513	518
549	622	679	707	730	662	595	578	549	543	526	512	521
365	365	379	380	384	380	376	371	379	437	463	442	430
668	723	760	760	767	685	711	657	625	625	619	649	647
589	574	553	547	517	555	570	589	589	585	564	551	546
377	399	405	398	436	444	467	377	378	376	374	378	384
505	496	485	484	476	485	495	503	497	493	500	500	490
675	658	638	626	628	622	648	644	647	645	654	662	713
420	391	402	402	410	405	420	428	417	425	431	443	443
835	807	796	759	791	765	754	767	723	726	706	711	707
482	476	511	647	627	597	626	620	582	550	584	579	550
603	576	562	784	696	694	659	647	680	820	851	725	749

Chart 2H

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	950	950	950	950	1010	1010	950	950	950	950		
	890	830	890	1010	1070	1040	1010	1010	950	890		
	1120	1120	1120	1120	1120	860	860	860	860	860		
	550	550	721	636	721	636	636	636	721	721		
	1100	1050	1050	1050	1050	986	986	986	986	986		
	845	830	845	830	855	870	888	880	870	880		
	830	860	920	990	990	976	976	890	890	860		
	695	695	695	695	695	695	695	695	695	728		
	715	752	730	715	715	715	715	828	828	828		
	840	750	840	840	840	840	930	930	930	930		
	580	580	580	580	600	600	625	625	650	650		
	650	625	625	625	625	625	625	625	625	625		
	930	965	930	930	900	900	810	810	870	870		
	990	960	930	930	930	960	990	930	930	900		
	780	790	850	850	880	850	850	920	1070	1230		
	1040	990	940	940	965	965	965	965	965	965		
	993	993	993	993	993	993	993	993	993	1020		
	1040	1040	1040	1040	1040	1040	1040	1040	1040	990		
	880	873	1000	867	867	918	855	849	842	836		
	1100	1030	963	963	963	898	898	898	898	898		
	607	597	594	596	592	600	839	772	708	689		
	856	831	821	814	814	814	820	808	809	819		
	647	655	720	951	829	773	739	719	690	744		
	817	791	822	834	834	911	889	841	825	835		
	712	506	624	616	619	614	609	599	592	586		
	630	630	648	733	801	851	841	824	815	824		
	1037	1108	1031	901	933	942	934	855	885	856		
	756	756	756	783	762	762	949	752	769	790		
	645	638	652	670	581	691	875	925	843	735		
	455	568	458	454	463	531	521	517	508	495		
	877	874	747	823	771	833	744	871	766	662		
	598	499	499	499	509	502	521	521	510	520		
	386	366	369	395	377	362	346	1011	1094	1296		
	690	681	689	684	684	684	684	684	684	684		
	493	513	518	553	570	562	652	602	629	630		16,244
	526	512	521	563	617	640	643	627	626	627		17,360
	463	442	430	502	524	535	508	488	470	460		12,023
	619	649	647	645	651	640	634	660	644	630		20,873
	564	551	546	557	577	611	667	698	694	666		17,778
	314	318	384	445	462	469	484	493	500	490		12,483
	500	500	490	490	507	507	507	495	510	510		15,026
	654	662	713	720	721	649	610	615	606	617		20,468
	431	443	443	444	450	452	452	447	445	449		12,979
	706	711	707	715	684	686	687	687	710	733		23,262
	584	579	550	550	530	519	509	481	444	411		15,404
	851	725	749	713	648	656	579	616	669	791		19,493

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	950	950	950	950	890	890	890	890	950	950	950	950	950
1896	890	950	830	830	890	830	950	890	830	830	890	830	830
1897	860	925	925	925	925	925	990	925	925	990	1060	1120	1120
1898	550	636	721	721	721	721	721	721	721	892	978	892	892
1899	986	986	986	986	986	986	986	1050	1050	1050	1050	1100	1100
1900	880	930	930	930	1050	1120	990	960	930	930	930	930	920
1901	860	860	941	990	1020	1080	990	1020	990	890	890	890	890
1902	728	728	708	708	695	695	695	695	695	695	695	695	695
1903	865	905	905	945	1020	1200	1200	1110	1110	1020	1020	1110	1070
1904	930	885	750	682	750	840	930	930	975	1020	1020	1020	970
1905	650	650	625	625	625	600	600	650	650	675	675	675	675
1906	625	600	625	675	725	725	700	650	650	625	625	650	700
1907	900	900	900	900	900	900	900	900	930	965	900	870	965
1908	870	870	870	900	900	900	870	870	840	840	840	840	870
1909	1070	1030	950	1030	1120	1120	1120	1120	1080	1030	1000	1000	970
1910	965	965	990	1340	1300	1100	1070	1040	1020	1020	990	990	990
1911	990	1095	1140	1095	1060	1060	1095	1035	1010	1060	1265	1170	1170
1912	990	990	990	990	1070	1230	1160	1100	1130	1100	1070	1070	1070
1913	836	830	824	824	824	824	1080	1370	1300	1150	1080	1080	1150
1914	898	961	1170	1100	1030	1030	1030	1030	1030	1030	1100	1030	1030
1915	635	663	665	710	697	686	677	672	664	672	682	666	695
1916	909	1009	980	954	949	925	988	1077	1003	984	1022	1038	987
1917	732	730	721	721	719	705	695	701	698	698	692	687	690
1918	867	891	909	893	817	576	1013	1346	1312	1178	1095	1049	1024
1919	611	838	973	1080	972	875	822	817	815	841	774	763	719
1920	828	823	803	786	746	730	766	839	886	903	1048	1180	1288
1921	865	872	890	879	858	937	961	861	878	975	1002	908	835
1922	789	783	791	764	764	764	771	785	785	764	757	778	835
1923	841	762	732	738	1013	1078	1043	1393	1199	1087	1001	945	912
1924	483	476	521	657	576	550	540	533	541	538	610	621	596
1925	970	833	752	731	866	899	1252	1035	998	927	808	1069	1220
1926	553	544	538	549	529	530	525	528	528	538	528	556	540
1927	1309	1312	1227	1273	1299	1085	824	1444	1150	1014	1100	1048	941
1928	642	667	663	636	845	925	824	771	814	808	811	811	860
1929	580	607	590	562	563	510	620	581	630	598	600	598	697
1930	861	1023	1048	991	790	869	985	900	1655	1374	1028	1058	826
1931	486	460	448	441	426	442	466	485	417	451	465	456	444
1932	627	630	630	630	630	630	630	746	749	752	741	734	715
1933	628	619	598	587	572	637	626	610	592	910	953	787	729
1934	493	475	457	455	451	464	471	507	536	557	556	515	451
1935	518	518	491	516	493	498	498	515	496	517	516	532	535
1936	620	626	602	578	580	608	592	617	605	627	573	556	746
1937	466	480	470	497	471	483	434	540	485	524	516	509	494
1938	808	931	997	1136	1012	891	935	960	946	899	952	865	979
1939	417	470	543	614	658	678	712	757	769	697	658	661	663
1940	773	929	1193	1252	1102	1023	883	878	827	830	738	791	764

OCTOBER

12	13	14	15	16	17	18	19	20	21	22	23
950	950	950	890	890	890	890	950	950	890	890	890
830	830	830	890	830	830	890	890	830	830	890	890
1120	1120	1060	1060	1060	990	990	1060	925	990	990	990
892	892	978	892	892	892	892	892	892	892	892	978
1100	1100	1160	1160	1160	1220	1460	1880	2060	2390	2060	1940
930	920	920	905	905	880	905	1020	1020	1360	1190	1410
890	890	890	890	878	860	860	860	860	860	878	860
695	695	695	695	695	695	695	695	695	695	728	760
1110	1070	1070	1020	945	945	865	865	865	865	865	865
1020	975	930	930	1120	1120	1120	1160	1020	1020	948	930
675	675	700	700	730	760	730	700	675	700	730	730
650	700	675	625	675	700	725	700	700	700	700	700
870	965	1110	965	965	930	930	930	930	930	930	930
840	870	900	2580	2030	1470	1330	1220	1260	1400	990	1120
1000	970	930	930	950	950	950	990	1100	1070	1030	990
990	990	990	990	990	1020	1130	1040	1020	1020	990	990
1170	1170	1170	1170	1110	1095	1060	1060	1060	1035	1035	1035
1070	1070	1040	1040	1040	1040	1040	1040	1040	1040	990	1070
1080	1150	1220	1080	1020	1080	1020	1020	1020	1080	1080	1020
1030	1030	1030	961	961	961	1170	1410	1330	1410	1410	1330
666	695	702	708	700	691	696	687	679	683	680	668
1038	987	964	941	933	934	941	940	919	926	922	902
687	690	690	726	775	764	772	714	779	791	760	778
1049	1024	980	968	1009	1127	1245	1186	1102	1088	1153	1015
763	719	749	723	750	784	813	768	727	742	727	725
1180	1288	1203	1230	1215	1190	1079	1037	1088	1038	1035	990
908	835	786	728	645	750	1022	934	972	921	908	912
778	835	880	831	803	794	773	794	796	796	800	1155
945	912	827	804	861	973	1019	1010	943	973	973	1402
621	596	584	590	586	549	596	565	603	563	557	561
1069	1220	1147	1030	1179	1076	928	990	943	861	919	835
556	540	523	560	571	569	591	524	562	592	570	571
1048	941	927	1071	923	925	953	874	1077	708	864	1036
811	811	860	840	846	840	819	771	800	674	943	800
600	598	697	798	669	662	720	663	670	645	644	631
1058	826	877	806	785	748	654	693	638	688	734	917
465	456	444	446	456	506	501	478	488	518	508	573
741	734	715	708	686	695	907	892	698	879	627	705
953	787	729	599	833	592	591	587	597	609	595	610
556	515	451	378	550	556	554	580	566	575	619	717
516	532	535	541	474	521	517	581	554	556	481	636
573	556	746	641	654	631	638	638	656	618	728	640
516	509	494	491	520	885	1130	924	730	680	634	624
952	865	979	924	1155	1261	1207	1142	1082	1067	996	956
658	661	663	618	628	622	614	602	619	656	627	629
738	791	764	720	667	728	730	682	710	757	695	685

Chart 21

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	890	890	890	950	950	950	890	890	890	890	920	
	830	890	890	890	830	830	950	950	950	830	1010	
	890	990	990	1120	1250	1250	1120	1060	1060	1060	1060	
	892	892	978	978	892	892	978	978	978	978	978	
	2390	2060	1940	1820	1580	1460	1460	1460	1460	1460	1340	
	1360	1190	1410	1230	1120	1120	1120	1070	1080	1050	1050	
	860	878	860	860	860	860	860	955	990	920	920	
	695	728	760	830	900	900	865	830	795	760	760	
	865	865	865	865	842	790	790	828	842	842	828	
	1020	948	930	930	930	930	975	930	930	930	930	
	700	730	730	760	790	760	730	730	730	730	730	
	700	700	700	700	700	700	700	725	725	725	725	
	930	930	930	930	900	900	900	965	965	965	1040	
	1400	990	1120	1080	1080	1080	1080	1080	1080	1080	1080	
	1070	1030	990	990	990	990	950	1080	1030	990	1110	
	1020	990	990	990	965	965	965	940	940	940	940	
	1035	1035	1035	1035	1060	1060	1060	1035	1010	990	1010	
	1040	990	1070	1100	1040	1040	1100	1300	1265	1195	1100	
	1080	1080	1020	1020	1020	1020	1020	1020	950	950	950	
	1410	1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	
	683	680	668	681	690	707	708	695	693	700	653	
	926	922	902	898	934	936	936	939	922	921	920	
	791	760	778	774	789	800	805	785	789	643	878	
	1088	1153	1015	984	985	969	930	1017	1098	1169	1151	
	742	727	725	718	750	717	694	653	661	678	705	
	1038	1035	990	980	956	925	928	933	935	800	795	
	921	908	912	821	904	869	958	1057	923	993	922	
	796	800	1155	1017	984	1063	992	906	1058	719	793	
	973	973	1402	1287	1084	1033	1005	968	977	908	925	
	563	557	561	540	550	538	544	683	1314	1303	1141	
	861	919	835	838	827	900	865	798	833	977	894	
	592	570	571	523	587	570	565	664	691	610	612	
	708	864	1036	1104	1009	1098	1381	1543	1445	1157	1386	
	674	943	800	779	713	760	794	780	870	900	1012	24,926
	645	644	631	631	631	631	635	637	689	648	650	19,678
	688	734	917	771	803	842	815	729	821	746	781	27,256
	518	508	573	639	639	637	654	602	556	596	591	15,712
	879	627	705	1101	761	682	752	760	723	881	585	19,571
	609	595	610	616	598	591	580	592	603	650	1186	20,638
	575	619	717	760	1020	997	877	757	720	697	699	18,529
	576	481	636	574	583	611	621	548	575	571	565	16,808
	618	728	640	633	716	696	702	757	672	656	696	19,886
	680	634	624	612	602	521	570	598	576	563	593	18,113
	1047	996	956	910	932	852	877	951	906	906	972	30,313
	656	627	629	699	639	632	631	583	503	852	533	19,586
	757	695	685	795	884	1025	973	944	941	889	993	26,584

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	950	950	950	950	890	890	720	890	950	950	950	950
1896												
1897	1060			990				990			1060	
1898	978	978	1060	1060	978	978	978	978	978	978	978	721
1899	1340	1340	1220	1340	1340	1340	1340	1460	1400	1340	1520	1760
1900	1120	1120	1120	1120	1120	1120	1050	1050	1050	1020	990	960
1901	920	920	920	890	920	920	890	890	890	890	890	848
1902	760	760	760	760	795	830	900	984	1000	1000	1040	1040
1903								828		828		
1904												
1905	730	700	700	675	675	650	650	675	700	675	675	675
1906	750	750	750	750	780	780	810	810	845	880	880	810
1907	1040	1000	965	965	930	900	930	930	900	900	870	840
1908	1120	1120	1120	1080	990	990	990	1020	990	990	990	1020
1909	1190	1360	1360	1360	1310	1270	1270	1110	1150	1230	1390	1230
1910	940	940	940	940	915	890	965	990	1160	1160	1230	1730
1911	1010	1010	990	1010	1060	1085	1085	1110	1230	1170	1060	930
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
1914	1170	1100	1100	1100	1100	1100	1030	1030	1030	961	961	961
1915	662	668	670	672	673	664	684	695	712	701	684	725
1916	922	918	916	906	899	913	901	873	883	905	854	733
1917	932	773	924	887	795	896	786	786	792	780	786	774
1918	1210	1166	1148	1056	1053	1032	1026	977	980	967	964	932
1919	758	843	1035	1247	1430	1485	1424	1237	1054	964	931	906
1920	779	877	869	869	886	886	888	907	921	895	824	787
1921	925	925	830	876	884	886	869	869	920	898	803	874
1922	865	924	830	794	764	734	769	869	1000	914	962	944
1923	904	890	933	837	903	899	876	855	866	884	895	827
1924	1017	1180	937	902	1000	987	806	839	619	775	912	875
1925	767	777	952	828	684	776	671	797	826	829	1072	920
1926	525	552	556	523	568	528	681	709	709	595	695	907
1927	1131	1031	1132	1021	1235	1083	1309	1533	1649	4067	4329	3186
1928	1003	866	994	887	899	955	961	795	904	875	900	776
1929	653	650	650	577	678	581	655	555	616	561	561	752
1930	700	819	650	822	667	747	753	695	716	801	860	797
1931	515	518	522	526	476	516	526	648	591	646	582	489
1932	678	646	3322	826	764	884	1017	937	959	1148	949	778
1933	1213	993	848	848	729	828	807	803	748	777	780	751
1934	753	761	823	728	687	860	1028	987	1062	872	847	781
1935	496	607	650	606	573	589	648	652	665	696	607	618
1936	731	650	599	488	696	770	730	680	575	620	546	664
1937	582	596	653	629	649	555	541	556	639	664	659	655
1938	1001	1201	1065	1606	2113	1509	1129	1117	1264	1276	1188	890
1939	763	706	660	733	754	711	630	657	663	689	562	647
1940	1063	1136	1416	1253	1222	961	1092	1268	1206	1124	1056	952

* - Interpolated

NOVEMBER

	12	13	14	15	16	17	18	19	20	21	22	23
0	950	950	950	1010	1010	1010	950	950	950	950	890	770
0				990			1250				1120	
8	721	721	721	721	721	892	1150	1060	1150	1060	1060	892
0	1760	1820	1700	1580	1700	1640	1580	1580	1580	1460	1460	1460
0	960	990	990	990	990	990	1050	1050	960	930	960	990
0	848	890	848	890	890	860	860	860	860	860	920	990
0	1040	1000	970	900	830	900	970	970	900	865	830	865
									1110			2130
5	675	675	675	675	675	675	675	675	675	675	700	700
0	810	1060	2350	2620	5250	2110	1470	1200	1160	1240	1240	1060
0	840	870	900	900	870	900	930	840	870	965	900	930
0	1020	1020	960	930	755	870	990	990	1050	1120	1190	1080
0	1230	1150	1190	1070	990	1070	1150	1570	3850	4190	5400	15200
0	1730	1600	1230	1160	1100	1100	1160	1160	1130	1340	1600	1830
0	930	970	1170	1300	1495	1300	1495	1230	1265	1265	1230	1035
0	1230											
0	1790	1530	1370	1300	1300	1300	1220	1220	1220	1220	1080	1080
1	961	1030	1030	961	780	830	898	731	839	839	839	961
4	725	721	731	769	919	771	781	797	818	869	859	867
4	733	622	824	1037	1057	1052	1052	1129	969	869	858	863
6	774	822	822	792	804	807	1103	915	671	675	742	884
4	932	925	941	950	1005	1030	1037	994	960	977	956	909
1	906	888	821	783	806	889	969	985	1007	1002	990	928
4	787	806	868	914	898	1063	1444	1837	2402	2470	2246	1900
3	874	795	871	877	933	777	723	786	910	1619	5726	3063
2	944	823	876	598	776	807	1013	1070	1066	826	756	812
5	827	851	838	856	828	821	835	809	782	759	893	821
2	875	775	659	709	765	652	629	568	812	1458	1391	1485
2	920	949	864	761	1838	931	897	852	775	755	757	823
5	907	1016	891	771	838	969	851	852	939	1970	1570	1370
9	3186	2620	2243	1723	2211	2746	2905	2531	2228	2999	3208	2745
00	776	762	811	909	814	783	852	611	622	831	889	881
51	752	613	529	535	601	567	674	686	661	665*	665*	665*
80	797	709	961	693	681	769	777	784	653	683	742	697
82	489	444	474	558	616	614	536	506	465	398	357	310
49	778	853	897	822	794	908	937	1050	942	890	870	837
780	751	737	733	757	745	706	764	918	842	705	794	645
847	781	717	775	680	673	693	778	954	988	897	874	829
607	618	725	604	602	654	657	750	755	683	659	642	658
546	664	637	605	688	587	736	742	642	639	611	600	604
659	655	661	729	818	777	754	851	613	1044	1681	1649	1216
88	890	851	1318	1111	1031	1349	1343	1099	1097	1107	847	751
62	647	624	714	665	612	658	525	580	554	561	615	546
56	952	930	633	780	963	924	1012	1083	930	850	958	704

Chart 2J

21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	890	770	770	770	890	950	770	950	1010		
1060 1460 930	1120 1060 1460 960	892 1460 990	892 1340 1050	1250 892 1340 1050	892 1340 1080	892 1340 1120	892 1460 990	990 892 1820 930	978 2060 990		
860 865	920 830	990 865 2130	1200 900	1050 935 1680	990 970	1060 1040	990 900	1020 900	1120 935		
675	700	700	700	700	700	700	700	675	675		
1240 965 1120 4190 1340	1240 900 1190 5400 1600	1060 930 1080 15200 1830	960 965 1080 13000 1730	960 1040 1020 9450 1640	920 1070 930 7370 1380	920 1040 870 5800 1100	920 930 755 4700 1230	845 930 650 4050 1300	810 965 960 3850 1300		
1265 1220 839 869	1230 1080 839 859	1035 1080 961 867	970 1080 1030 886	930 1150 961 830	1230 1230 961 790	1085 1300 898 788	930 1450 961 683	810 1300 1030 767	890 1220 961 957		
869 675 977 1002 2470	858 742 956 990 2246	863 884 909 928 1900	857 856 802 882 1627	827 860 740 841 1478	870 962 652 818 1384	890 780 698 711 1650	895 785 677 548 1568	867 887 750 528 1511	849 675 775 564 1385		
1619 826 759 1458 755	5726 756 893 1391 757	3063 812 821 1485 823	2350 411 890 1229 805	1690 818 1177 1082 971	1564 620 1130 913 939	1601 659 968 841 1028	1236 717 801 684 922	1514 681 762 719 1016	1494 745 992 711 915		
1970 2999 831 665* 683	1570 3208 889 665* 742	1370 2745 881 665* 697	1686 2307 838 665* 790	2075 2235 874 665* 876	2453 2821 831 672 828	1941 3364 880 810 729	1691 3341 831 700 860	1692 3448 796 698 742	2697 3900 572 688 708	25,202 19,248 22,709	
398 890 705 897 659	357 870 794 874 642	310 837 645 829 658	268 687 764 839 712	344 789 754 875 710	643 699 751 795 638	725 826 760 812 663	675 808 624 817 666	538 834 912 761 552	586 888 806 776 387	15,612 28,239 23,842 24,722 19,124	
611 1681 1197 561 850	600 1649 847 615 958	604 1216 751 546 704	555 1007 825 670 664	594 1038 881 649 852	590 1067 877 655 855	473 972 908 703 863	414 961 903 630 806	414 882 927 705 1000	420 816 1113 658 1326	18,300 24,914 33,697 19,499 29,882	

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	950	950	770	720	720	950	950	950	950	890	1010	1010	1010
1896													
1897													
1898	1060	1060	1060	1060	1580	1920	2260	2770	2600	2600	2600	2600	2600
1899	2060	1700	1520	1280	1220	1220	1340	1340	1460	1580	1580	1460	1460
1900	1050	1050	990	1050	1050	1050	1050	1050	1050	990	990	930	930
1901	1130	2180	2070	2070	1870	1600	1350	1240	1310	1200	1130	1060	920
1902	970	970	1040	1080	970	970	970	970	1040	1270	1290	1190	1000
1903			1200		1110			1020				865	
1904													
1905	675	675	675	650	560	560	520	480	480	450	450	480	520
1906													
1907	930	840	810	870	930	965	1000	1100	965	900	1000	1000	1040
1908	990	930	990	1050	990	930	930	990	990	960	900	920	1020
1909	3460	3200	2660	2540	2480	2370	2370	2370	2840	2480	2100	2150	2200
1910	1300	1300	1340	2140	1680	1460	1380	1340	1460	1380	1380	1460	1160
1911	1060	1035	990	1085	1110	1170	1140	1065	1110	1100	1085	1060	1085
1912													
1913	1150	950	950	950	950	950	950	886	824	824	1020	1080	1080
1914	898	783	898	1100	1030	961	783	731	683	638	783	961	731
1915	859	812	947	1000	1103	985	949	918	892	843	790	784	757
1916	747	982	1088	1185	1117	1034	901	698	493	859	949	976	1089
1917	2121	1942	1323	915	885	972	1042	827	985	1022	917	909	1179
1918	829	842	896	927	955	1092	1090	1084	926	901	807	723	774
1919	829	989	1058	918	836	852	836	786	733	628	673	752	829
1920	1236	1260	1249	1211	1168	1011	961	817	672	1019	1222	1225	1170
1921	3353	3890	2723	1816	1582	1435	1470	1310	1218	1350	1360	1552	1372
1922	709	688	650	716	649	1000	662	821	784	612	670	655	674
1923	991	710	685	646	662	798	999	1103	819	615	486	524	702
1924	680	847	950	936	793	796	798	751	772	647	672	754	835
1925	967	1522	2346	1549	1348	1231	1128	1042	937	926	888	999	1017
1926	3325	2469	2521	2703	2522	2191	2020	1506	1174	1240	1088	1471	1312
1927	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804	1534	1660
1928	540	736	444	672	404	619	634	685	813	857	968	974	849
1929	686	719	640	575	609	732	688	696	686	941	2221	1670	1818
1930	678	749	842	976	938	911	836	685	604	575	752	920	893
1931	380	445	563	635	610	462	582	513	572	431	416	532	479
1932	729	763	841	828	819	632	562	613	426	366	290	300	304
1933	765	690	740	805	802	652	809	837	767	781	795	821	902
1934	814	823	778	850	869	814	793	608	726	668	602	586	622
1935	444	399	403	424	575	679	729	656	811	725	657	833	808
1936	581	578	614	581	518	513	779	818	801	654	530	534	659
1937	630	675	643	684	679	641	692	404	734	596	2998	10641	7374
1938	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043	903	468
1939	534	617	592	592	586	575	715	644	640	934	1197	1096	876
1940	1136	1045	1008	900	953	949	945	980	871	877	706	476	391

DECEMBER

12	13	14	15	16	17	18	19	20	21	22	23
1010	1010	770	830	670	620	620	620	620	620	670	670
2600	2600	2430	2430	2770	2770	2770	2770	2770	2770	2600	2600
1460	1460	1460	1340	1340	1580	1580	1820	1820	1580	1580	1580
930	930	990	1050	1050	1120	1050	1050	1050	1460	1360	1120
1060	920	830	1060	955	990	1020	1020	920	890	1080	1200
1190	1000	830	695	695	695	747	1040	1080	1100	1120	1190
865				850			945			945	
480	520	600	675	940	940	940	880	820	790	560	520
1000	1040	1000	900							1180	1180
920	1020	810	650								1050
2150	2200	2050	1850	1800	1660	1660	1700	1480	1390	1570	1700
1460	1160	990	990	1020	1160	1100	1100	1070	1100	1160	1160
1060	1085	970	990	1085	1085	950	870	910	930	850	1010
1080	1080	1220	1080	950	824	1020	1080	886	824	824	1080
961	731	638	559	559	559				600		
784	757	884	765	574	641	854	704	739	946	1102	1157
976	1089	976	760	658	763	876	1162	885	992	989	897
909	1179	1640	1553	1192	1191	1529	1633	1737	1627	2038	1737
723	774	838	947	895	787	717	617	664	712	745	757
752	829	966	601	539	588	638	757	903	986	1126	1160
1225	1170	1019	905	745	802	894	1097	1134	1117	1042	950
1552	1372	1431	1350	1136	978	521	1184	1124	1295	1175	1163
655	674	666	527	873	706	655	1010	1118	974	954	790
524	702	812	1089	1009	968	848	911	972	963	799	636
754	835	837	833	727	775	639	458	434	420	422	425
999	1017	915	914	915	1016	940	1031	906	916	904	923
1471	1312	1044	591	755	1171	1291	1296	989	1051	815	794
1534	1660	1634	1619	1253	1635	1385	1164	971	1087	950	1548
974	849	913	839	843	791	591	647	586	599	615	606
1670	1618	2649	1613	1827	2297	1692	1250	1271	1838	1047	1076
752	920	893	888	671	819	701	715	730	570	493	505
532	479	398	377	434	620	620	620	621	762	745	718
300	304	306	373	416	650	461	1046	832	851	496	750
821	902	994	959	872	836	402	701	886	976	972	943
586	688	910	1112	800	788	799	804	862	989	1017	1008
833	808	739	611	388	339	350	363	359	550	578	480
534	659	553	701	851	822	785	720	742	756	710	755
10641	7374	4097	2945	2697	2301	1926	1760	1389	1226	1161	1291
903	468	589	791	1146	1053	790	984	1010	932	928	752
1096	876	820	699	836	1135	1420	1131	945	891	833	770
476	391	299	405	343	604	794	1148	1122	1004	1168	1185

Chart 2K

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	620	670	670	770	830	950	950	770	815	860	905	
	2770	2600	2600	2600	2600	2940	3290	3290	2940	2940	2770	
	1580	1580	1580	1820	1580	1580	1580	1820	1820	1580	1820	
	1460	1360	1120	1050	1120	1050	1050	920	880	930	990	
	890	1080	1200	1430	1350	1200	1130	1130	955	890	1020	
	1100	1120	1190	1190	1270	1230	1270	1120	1040	695	1000	
		945			752			790			790	
	790	560	520	520	580	625	625	760	820	760	675	
		1180	1180	1180	1240	1180	1360	1180	1140	1000	1100	
			1050	1080	930	930	1050	1120	990	930	755	
	1390	1570	1700	1660	1660	1750	1570	1390	1310	1390	1570	
	1100	1160	1160	1300	1100	990	990	1040	1100	1100	1160	
	930	850	1010	1010	930	950	930	1035	1060	1035	1035	
	824	824	1080	950	1080	1150	1020	1020	950	1020	1150	
	600					650			826			
	946	1102	1157	1079	955	825	728	837	849	676	719	
	992	989	897	883	873	679	663	669	679	671	656	
	1627	2038	1737	2965	2871	2416	3536	5050	6972	5420	4150	
	712	745	757	670	660	628	640	637	617	588	595	
	986	1126	1160	1199	1016	955	927	998	872	815	741	
	1117	1042	950	909	890	936	956	982	1074	1359	2331	
	1295	1175	1163	1220	1106	1109	1194	1191	1127	1177	1067	
	974	954	790	804	1052	1085	1172	1246	1361	1017	1136	
	963	799	635	608	902	979	879	947	898	1008	776	
	420	422	425	421	539	515	507	663	753	975	882	
	916	904	923	1016	1026	882	859	765	682	639	607	
	1051	815	794	906	869	844	840	928	838	911	920	
	1087	950	1548	1345	1255	1147	1144	1173	1490	1373	1120	
	599	615	606	706	645	995	837	964	1043	889	792	23,106
	1838	1047	1076	1012	971	917	843	732	729	625	704	34,774
	570	493	505	552	533	509	760	666	634	613	613	22,054
1	762	745	718	718	694	726	751	837	750	620	557	18,188
2	851	496	750	690	1081	929	761	822	780	825	756	20,298
6	976	972	943	996	998	1106	1241	1215	1121	1110	1322	27,826
62	989	1017	1008	928	946	897	926	905	813	759	671	25,604
69	550	578	490	570	648	731	798	765	865	686	745	18,676
2	756	710	755	663	723	728	698	667	478	670	596	20,778
9	1226	1161	1291	1288	1171	1319	1328	1174	1172	1097	1187	57,880
0	932	928	752	1038	948	866	764	885	985	985	693	30,490
5	891	833	770	715	685	552	552	659	697	778	918	24,634
2	1004	1168	1185	1248	1127	1173	1073	1280	1068	968	1071	28,317

NATURAL FLOW OF BOISE RIVER
BEGINNING 1941

11	12	13	14	15	16	17	18	19	20	21	22	23	24
----	----	----	----	----	----	----	----	----	----	----	----	----	----

JANUARY

761	699	622	926	1076	929	927	878	884	888	890	886	884	917
1052	1051	841	946	946	621	731	1306	866	756	866	748	976	1119
1554	1337	1344	1519	1550	1636	1300	1110	1315	2010	2179	3728	4603	4259

FEBRUARY

1244	1435	1469	1238	1123	1163	1093	994	1041	1151	1069	1093	1369	1529
1285	1152	1118	861	997	1179	1011	892	739	753	806	1477	1051	1150
1569	1359	1648	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440

MARCH

1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922	1803	172
1403	1593	1652	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305	1575	144
2520	2460	2525	3825	3899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009

APRIL

3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128
6081	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099
16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783

MAY

4367	5127	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222
4477	4364	4144	4097	4044	4151	4093	3815	3906	3693	4044	4664	6595	9166	8745
9810	9272	8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494	14458

JUNE

4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016
8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427	4650	4756
9666	10493	11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859	10635	9768

CHART # 2-L

21	22	23	24	25	26	27	28	29	30	31	TOTAL
890	886	884	917	1030	1215	1172	942	811	808	911	27,130
866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595

1	1069	1093	1369	1529	1776	1535	1284	1342			32,684
3	806	1477	1051	1150	952	922	941	1079			31,581
4	2462	2739	3419	3440	3327	2831	2870	2759			58,282

42	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
11	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
20	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569

570	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
558	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266

101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,838
316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402

450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877

NATURAL FLOW OF BOISE RIVER
BEGINNING 1941

11 12 13 14 15 16 17 18 19 20 21 22 23 24

JULY

1337	1296	1213	1239	1233	1251	1217	1219	1147	1113	1090	1041	994	966
2424	2238	2108	2075	1899	1811	1790	1696	1591	1530	1473	1450	1417	1356
7292	6508	5908	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086

AUGUST

682	1339	1262	1140	899	839	852	890	1240	962	832	879	800	714
878	784	756	742	745	729	674	688	648	611	596	625	597	623
1656	1539	1630	1644	1636	1618	1594	1521	1514	1457	1400	1366	1315	1304

SEPTEMBER

653	642	669	698	742	747	740	727	686	699	710	726	726	728
530	554	592	624	632	638	623	623	601	620	635	652	666	615
922	914	882	917	926	889	862	817	783	787	758	828	858	840

OCTOBER

591	676	783	804	698	802	2533	1954	1566	1420	1187	922	936	850
459	605	740	744	844	563	683	718	692	895	720	764	720	760
907	1228	940	1122	939	927	1006	876	1012	883	1121	1084	1085	1054

NOVEMBER

802	903	780	894	1387	2533	1954	1566	1420	1187	922	936	850	694
725	747	707	842	944	1562	1158	1186	1150	1007	857	703	858	1128
1740	1240	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056

DECEMBER

1458	1237	1309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	16
1312	1212	1225	1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	164
656	746	746	746	770	748	759	939	974	1002	1003	1186	1003	943	105

CHART # 2-M

20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
13	1090	1041	994	966	947	900	891	1141	1079	1040	920	41,666
30	1473	1450	1417	1356	1337	1280	1290	1198	1161	1151	1045	68,726
74	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
62	832	879	800	714	860	776	781	787	749	724	686	26,603
11	596	625	597	623	626	596	605	568	578	593	603	23,487
57	1400	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,878
99	710	726	726	728	728	731	727	711	714	715		20,659
20	635	652	666	615	604	572	557	575	536	544		17,670
87	758	828	858	840	891	815	850	874	882	899		28,049
1420	1187	922	936	850	694	863	958	909	675	1000	871	31,600
895	720	764	720	760	651	626	702	792	737	835	699	21,282
883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
1187	922	936	850	694	863	958	909	675	1000	871		31,600
1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,884

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 41-YEAR PERIOD, 1895 to 1936

Chart 3

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	1157	1132	1559	3680	6829	8324	4350	1243	773	793	906	1195
2	1117	1129	1592	3831	6856	8290	4238	1197	777	809	906	1210
3	1121	1141	1664	3983	6963	8336	4084	1166	766	808	983	1169
4	1115	1155	1660	4096	7227	8211	3910	1146	751	821	906	1153
5	1099	1253	1726	4139	7421	8077	3736	1110	747	831	898	1094
6	1086	1255	1800	4198	7675	8026	3526	1075	746	831	938	1093
7	1109	1231	1828	4248	7927	8145	3400	1059	734	852	950	1063
8	1069	1355	1960	4462	8211	8220	3294	1044	727	880	939	1027
9	1037	1323	2077	4573	8362	8254	5688	1011	729	882	952	976
10	1037	1265	1976	5132	8534	8234	2985	962	741	874	1006	1001
11	1018	1229	2004	5384	8274	7999	2820	956	760	873	1029	1038
12	1017	1188	2104	5662	8159	8031	2768	946	778	858	989	1047
13	986	1198	2135	6103	8105	8042	2613	923	772	867	956	1053
14	1029	1173	2147	6355	8190	8013	2506	910	774	860	974	1058
15	1118	1173	2236	6467	8342	7815	2379	903	783	895	948	976
16	1165	1249	2418	6640	8445	7783	2247	891	790	880	1072	947
17	1138	1292	2421	6666	8441	7602	2110	879	783	867	984	1004
18	1134	1284	2826	6626	8551	7364	2005	852	773	887	1029	964
19	1182	1288	2890	6580	8351	7179	1917	849	766	893	1007	1032
20	1211	111	3094	6061	8177	6919	1812	841	771	889	1074	1004
21	1248	1353	3138	6103	8058	6631	1734	819	762	902	1165	1038
22	1205	1411	3205	6277	8078	6320	1647	813	750	883	1302	1015
23	2511	1400	3263	6382	8085	6013	1621	807	758	916	1485	1029
24	1155	1444	3227	6585	8172	5756	1567	792	770	910	1356	1081
25	1236	1402	3313	6678	8232	5447	1573	773	778	895	1271	1074
26	1198	1386	3266	7074	8458	5264	1475	769	775	893	1214	1056
27	1164	1472	3280	7260	8304	5449	1421	759	782	896	1173	1111
28	1130	1509	3297	7252	8250	4938	1376	756	781	901	1086	1154
29	1120	1259	3545	7045	8147	4786	1325	753	783	918	1082	1186
30	1091		3634	7668	8189	4575	1308	764	784	893	1130	1114
31	1125		3636		8356		1257	757		914		1102
Total	36128	36060	76921	173210	249363	214043	78692	28525	22964	27071	31710	33064
sq. ft.	72256	72120	157842	346420	498726	428086	157304	57050	45928	54142	63420	66128

Total in acre feet for average year, - 2019502

YEAR	October	November	December	January	February	March	FOR
1894-95	54700(8)	54000	62700	78600	68280	103180	24
1895-96	57040	54980	50980	73440	67660	157560	29
1896-97	54220	62300(3)	64600	50520	55240	87960	47
1897-98	63440	64100	61500(7)	34100	67200	119280	25
1898-99	53262	56240	151640	160600	79640	113900	42
1899-00	83664	90000	97000	125420	96440	305220	380
1900-01	63570	61880	65060	79440	98340	179320	305
1901-02	56464	55892	76400	61300	90440	88920	212
1902-03	45630	54498	63474	81760	63570	143360	448
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	672
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176
1905-06	42980	41010	40410	50810	57240	101100	337
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673
1907-08	57890	55978	63300	67230	63282	141130	382
1908-09	68440	59280	58000	138160	110680	232840	472
1909-10	63140	200560	124760	79900	66600	566900	6099
1910-11	63210	73780	76820	63020	76340	159570	3239
1911-12	66570	66700	63520	78420	76120	99580	3426
1912-13	66960	67820	60680	53800	51400	101800	3749
1913-14	63524	80180	61380	71196	74968	216040	4890
1914-15	69680	58368	44800	59580	59726	94782	1765
1915-16	42410	45626	53346	49930	63262	197486	5550
1916-17	59106	54016	53702	47628	47694	61740	26708
1917-18	46004	49506	128592	113818	77754	181542	34604
1918-19	64492	56578	49118	50532	52844	114916	39585
1919-20	47968	56548	52610	66528	66774	89234	18904
1920-21	59966	75678	67106	112422	94098	271472	39448
1921-22	55492	39088	44979	60982	53180	113692	31964
1922-23	52172	48886	52872	62100	50860	92700	27372
1923-24	61592	52930	51286	48954	72446	63550	136450
1924-25	39218	53862	42912	48416	129386	192378	501862
1925-26	58400	51394	63522	48414	64264	140448	232672
1926-27	34882	67640	84790	63200	104630	188084	378928
1927-28	69014	144162	97842	90008	79354	272846	316812
1928-29	49852	50792	46212	45514	49720	101904	179094
1929-30	39356	36848	69543	44774	64388	103616	274178
1930-31	54512	45418	44108	44818	45298	91246	177172
1931-32	31424	31224	36376	38612	36756	135826	336000
1932-33	39142	56478	40596	43926	41136	64474	238342
1933-34	41276	47684	55652	79680	79948	151896	249448
1934-35	37058	49444	51208	52256	54336	83150	289458
1935-36	33616	38248	37352	44612	47356	100060	571544
1936-37	39772	36600	41556	37568	41728	89870	201358
1937-38	36266	49828	115760	67492	71566	191026	505100
1938-39	60626	67394	60980	52236	47170	164294	318818
1939-40	40474	38998	49268	53858	75724	201512	35842
1940-41	53168	59764	56634	54260	65368	113448	188300
1941-42	48552	63200	106838	62182	62162	87804	341622
1942-43	42564	64068	81782	153190	116564	235138	1006532

FOR IRRIGATION YEARS BEGINNING 1894 - 1895.

January	March	April	May	June	July	August	September	TOTAL	
3280	103180	243140	395220	225700	152380	63620	58000	1,559,520	
1660	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) No
640	113900	425740	608020	731400	356260	109940	68900	2,915,442	High
6440	305220	380020	510720	300640	84156	53496	51196	2,177,972	(2) Sub
8340	179320	305940	626460	287420	116400	52222	49944	1,985,996	from
0440	88920	211470	353460	287160	106720	49496	40914	1,478,636	(3) Sub
3570	143360	448220	520620	601880	147580	53000	46344	2,269,936	from
8000(1)	262140	671840	828600	521060	201920	71972	43830	3,017,216	(4) Mis
6700(2)	101900	176200	229820	247660	78860	39870	34660	1,183,050	st
7240	101100	337920	428100	346980	162900	52410	41090	1,702,950	(5) Mis
5000(4)	346120	673380	683520	534560	335640	101600	62066	3,207,016	st
3282	141130	382540	370360	324880	198500	64920	55524	1,845,534	year
0680	232840	472120	605240	655220	226800	63690	57220	2,747,690	(6) Mis
6600	566900	609980	523560	310360	110040	55970	56390	2,758,160	st
6340	159570	323960	549120	740860	233040	74906	59728	2,494,344	year
76120	99580	342620	684180	677560	173980	83380	66080	2,478,710	(7) Inte
51400	101800	374960	573740	413420	158660	82964	54290	2,060,494	(8) Aver
74968	216040	469040	553660	307700	124130	58742	52654	2,133,214	water
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	
7754	181542	346040	409954	461268	112120	56300	49922	2,032,820	
52844	114916	395854	509192	240872	69736	36404	34262	1,674,800	
66774	89234	189044	449730	333468	117328	40586	39034	1,548,852	
94098	271472	394484	824032	718728	175390	63068	48784	2,905,228	
53180	113692	319642	552674	659854	148066	65210	47974	2,160,833	
60860	92700	273726	454010	376208	192504	67552	42946	1,766,536	
72446	63550	136450	243200	76792	35296	24426	25320	892,242	
29386	192378	501862	700486	367370	152598	60730	47302	2,336,520	
64264	140448	232672	247704	105072	41132	30872	29480	1,113,374	
04630	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	
45298	91246	177172	251538	110862	34670	23156	24046	946,844	
36756	135826	336006	564176	458224	154298	52212	41746	1,916,880	
41136	64474	239342	341610	538198	99610	40282	35556	1,580,350	
79948	151896	249648	229216	86240	37252	22622	24966	1,106,080	
54336	83150	299458	428528	363262	97334	39022	30052	1,585,108	
47356	100060	577594	625906	319284	82558	43272	40936	1,990,794	
41728	89870	207358	381192	178996	60820	25996	25958	1,167,414	
71566	191026	505100	711314	558138	201292	71190	46910	2,625,882	
47170	164294	328918	341836	136300	60358	28454	30436	1,379,002	
75724	201512	355842	434480	227258	64468	31480	38986	1,612,348	
65368	113448	188300	365336	266776	83332	53206	41318	1,400,910	
62162	87804	341622	325676	362374	137452	46974	35340	1,680,172	
16564	235138	1006532	722804	627754	359598	103756	56098	3,569,848	

WATER YEARS BEGINNING 1894 - 1895.

May	June	July	August	September	TOTAL
395220	225700	152380	63620	58000	1,559,520
555380	1464280	385520	81960	57500	3,301,340
588100(6)	415000(5)	143300	67250	62520	2,045,910
320280	299360	116848	45708	39168	1,482,884
608020	731400	356160	109940	68900	2,915,442
510720	300640	84156	53496	51196	2,177,972
626460	287420	116400	52222	49944	1,985,996
353160	287160	106720	49496	40914	1,478,636
520620	601880	147580	53000	46344	2,269,936
828600	521060	201920	71972	43830	3,017,216
229820	247660	78860	39870	34660	1,183,050
428100	346980	162900	52410	41090	1,702,950
683520	534560	335640	101600	62066	3,207,016
370360	324880	198500	64920	55524	1,845,534
605240	655220	226800	63690	57220	2,747,690
533560	310360	110040	53970	56390	2,758,160
569120	740860	233040	74906	59728	2,494,344
684180	677360	173980	83380	66080	2,478,710
573740	413420	158660	82964	54290	2,060,494
553660	307700	124130	58742	52654	2,133,214
474130	191900	83978	40926	39672	1,194,106
563720	594764	293818	80102	53680	2,593,206
654106	641322	260216	65224	43950	2,257,786
409954	461268	112120	56300	49922	2,032,820
509192	240872	69736	36404	34262	1,674,800
449730	333468	117328	40586	39034	1,548,852
824032	718728	175390	63068	48784	2,905,228
552674	659854	148066	65210	47974	2,160,833
454010	376208	192504	67552	42946	1,766,536
243200	76792	35296	24426	25320	892,242
700486	367370	152598	60730	47302	2,336,520
247704	105072	41132	30872	29480	1,113,374
661294	725602	233700	74786	55734	2,677,270
852194	305656	118292	51462	41304	2,438,946
359478	285896	98288	36822	32488	1,336,000
255216	257382	79234	43256	34720	1,342,571
251538	110862	34870	23156	24046	946,844
564176	458224	154298	52212	41746	1,916,880
341610	538198	99610	40282	35556	1,580,350
229216	86240	37252	22622	24966	1,106,080
428628	363262	97334	39022	30052	1,585,208
625906	319284	82558	43272	40936	1,990,794
381192	178996	60820	25996	25958	1,167,414
711314	558138	201292	71190	46910	2,625,882
341836	136300	60358	28454	30436	1,379,002
434480	227258	64468	31480	38986	1,612,348
365336	266776	83332	53206	41318	1,400,910
325676	362374	137452	46974	35340	1,680,172
722804	627754	359598	103756	56098	3,569,848

4

- (1) Mean of 4 High Years.
- (2) Substituted from 1906.
- (3) Substituted from 1900.
- (4) Missing Days substituted from 1900.
- (5) Missing Days substituted from 21 year mean.
- (6) Missing months substituted from 21 year mean.
- (7) Interpolated
- (8) Average of 5 short water years.

DISCHARGE,
BY DAYS DURING

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC #2)	0	0	0	0	0	0	586	1169	1353	1434
2	Penitentiary	0	0	0	0	0	0	0	0	0	0
3	Eubb (South Boise)	0	0	0	0	0	0	0	0	0	0
4	Ridenbaugh	0	0	26	55	73	82	94	100	100	100
5	Settlers	0	0	0	0	0	0	0	0	0	0
6	Thurman Mill	0	0	0	0	0	0	0	0	0	0
7	Cruzen (Consumers)	0	0	0	0	0	0	0	0	0	0
8	Boise City Canal	0	0	0	0	0	0	0	0	0	0
9	x Farmers' Union & B. V.	0	0	0	0	0	0	0	0	0	0
10	New Union Ditch Co.	0	0	0	0	0	0	0	0	0	0
11	New Dry Creek Ditch Co.	0	0	0	0	0	0	0	0	0	0
12	Ballantine Ditch Company	0	0	0	0	0	0	0	0	0	0
13	Middleton Irrigation Ass'n	0	0	0	0	0	0	0	0	0	0
14	Middleton Mill	0	0	0	0	0	0	0	0	0	0
15	Little Pioneer	0	0	0	0	0	0	0	0	0	0
16	Canyon County	0	0	0	0	0	0	0	0	0	0
17	Eagle Island Canals	0	0	0	0	0	0	0	0	0	0
18	Phyllis	0	0	0	0	50	68	94	120	120	132
19	Eureka #1	0	0	0	0	0	0	0	0	0	0
20	Caldwell High Line	0	0	0	0	0	42	40	40	40	40
21	Farmers' Coop.	0	0	0	0	0	0	0	0	0	0
22	Campbell	0	0	0	0	0	0	0	0	0	0
23	Siebenberg	0	0	0	0	0	0	0	0	0	0
24	Riverside #2	0	0	0	0	0	0	0	0	0	0
25	Pioneer Dixie	0	0	0	0	0	0	0	0	0	0
26	Eureka #2	0	0	0	0	0	0	0	0	0	0
27	Upper Center Point	0	0	0	0	0	0	0	0	0	0
28	Lower Center Point	0	0	0	0	0	0	0	0	0	0
29	Miscellaneous	0	0	0	0	0	0	0	0	0	0
	Total Canal Diversions	0	0	26	55	123	192	814	1429	1613	1706
30	River at Notus	8000	8230	9210	10300	10600	10300	10300	10600	12300	12300
	Totals	8000	8230	9236	10355	10723	10492	11114	12029	13913	14006

x Error--Wasteway not deducted from Farmers' Union

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1943, INCLUDING STORAGE

APRIL

	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	0	586	1169	1353	1434	1694	1475	1579	1536	1557	1579	1717	1882	1954	1979	2300
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	94	100	100	100	100	100	100	100	152	170	189	209	209	219	236	301
0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	64
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10
	0	0	0	0	0	0	0	0	0	0	0	0	18	22	26	26
	0	0	0	0	0	0	0	0	0	0	0	56	73	88	58	94
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	94	120	120	132	132	132	158	160	195	214	240	269	295	314	325	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	40	40	40	40	47	47	47	47	53	53	62	62	62	62	62	62
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100	100
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	192	814	1429	1613	1706	1973	1754	1884	1895	1975	2035	2284	2513	2798	2865	3332
00	10300	10300	10600	12300	12300	10900	10900	11200	11900	12300	12300	12700	12300	17400	20500	18900
23	10492	11114	12029	13913	14006	12873	12654	13084	13795	14275	14335	14984	14813	20198	23365	22232

Chart No. 5

18	19	20	21	22	23	24	25	26	27	28	29	30	Total
882	1954	1979	2300	2368	2446	2606	2550	2662	2746	2707	2677	2712	47268
0	0	0	0	0	0	0	0	0	0	2	3	3	8
0	0	0	0	0	0	0	0	0	0	8	8	8	24
209	219	236	301	319	370	400	457	457	477	476	502	483	6556
0	48	48	64	64	75	75	85	94	130	142	155	165	1145
0	0	0	0	0	0	0	0	12	12	12	14	16	66
0	10	10	10	12	12	12	12	12	12	12	12	12	138
18	22	26	26	32	36	36	36	36	36	18	22	32	376
73	88	58	94	91	121	129	158	179	174	169	165	159	1714
0	0	0	6	6	8	8	8	9	9	9	9	9	81
0	0	32	32	32	41	41	50	50	50	56	56	58	498
0	0	0	0	0	6	6	6	8	8	9	7	6	56
0	0	0	0	27	25	44	137	169	165	161	157	153	1038
0	0	0	0	0	0	0	20	23	26	29	32	35	165
0	0	0	0	0	0	0	0	0	0	10	12	14	36
0	0	0	0	0	0	30	30	36	36	38	40	40	250
0	0	0	0	0	0	0	0	0	0	10	12	16	38
269	295	314	325	330	362	398	410	410	452	354	342	354	6430
0	0	0	0	6	8	8	18	18	18	18	18	18	130
62	62	62	62	62	62	62	62	62	62	62	62	62	1364
0	0	0	0	93	76	93	161	130	166	166	190	230	1305
0	0	0	12	12	12	12	12	12	14	14	14	16	130
0	0	0	0	0	0	0	0	0	0	5	5	5	15
0	0	0	100	100	120	140	165	160	162	170	181	186	1684
0	100	100	100	0	0	0	0	16	18	20	22	24	100
0	0	0	0	0	0	0	30	30	36	36	40	40	212
0	0	0	0	0	0	0	0	0	0	12	12	12	36
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	10	10	10	12	14	16	18	90
2513	2798	2865	3332	3554	3780	4110	4417	4595	4821	4739	4785	4886	70953
12300	17400	20500	18900	16900	15000	13200	12300	11500	9390	8550	8550	9390	358220
14813	20198	23365	22232	20454	18780	17310	16717	16095	14211	13289	13335	14276	429173

DISCHARGE, IN S
BY DAYS DURING THE I

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10	
1	New York Canal (M.C.#2)	2757	2724	2656	2718	2802	2768	2757	2651	2651	2690	2
2	Penitentiary	7	7	7	7	7	7	7	7	7	7	
3	Bubb (South Boise)	9	9	10	11	11	12	13	13	14	15	
4	Ridenbaugh	477	480	477	478	487	495	495	500	515	525	
5	Settlers	174	176	177	176	175	174	173	134	169	168	
6	Thurman Mill	18	20	22	24	26	27	29	30	32	33	
7	Cruzen (Consumers)	13	14	14	15	15	16	16	17	17	18	
8	Boise City Canal	32	35	37	38	41	41	40	39	38	37	
9	x Farmers' Union & B.V.	178	166	167	168	169	187	193	193	192	194	
10	New Union Ditch Co.	8	8	8	8	8	7	7	7	7	7	
11	New Dry Creek Ditch Co.	61	61	61	63	63	63	64	65	64	61	
12	Ballantine Ditch Co.	4	4	4	5	5	5	6	6	7	7	
13	Middleton Irrigation Ass'n	167	150	139	132	178	183	196	190	183	186	
14	Middleton Mill Ditch Co.	39	41	40	41	41	33	67	63	43	43	
15	Little Pioneer Ditch Co.	16	18	20	20	20	20	20	20	20	20	
16	Canyon Co. Water Company	40	40	40	40	40	40	40	41	41	42	
17	Eagle Island Canals	20	24	29	33	36	38	40	42	46	47	
18	Phyllis	349	354	362	362	370	382	415	410	410	410	4
19	Eureka #1	18	18	18	18	18	18	20	20	20	20	
20	Caldwell High Line	65	65	65	65	65	65	65	65	65	65	
21	Farmers' Coop.	260	260	280	304	320	334	348	372	378	378	3
22	Campbell	16	16	16	16	18	18	18	18	18	21	
23	Siebenberg	5	5	6	6	6	6	6	6	6	6	
24	Riverside #2	188	189	189	188	184	174	153	155	158	160	1
25	Pioneer Dixie	28	31	34	38	46	58	80	80	78	77	
26	Eureka #2	40	46	47	47	47	48	48	49	50	50	
27	Upper Center Point	14	14	14	15	15	15	15	15	15	15	
28	Lower Center Point	0	0	0	0	0	0	0	0	0	0	
29	Miscellaneous	20	22	24	27	29	31	31	31	31	31	
	Total Canal Diversions	5023	4997	4963	5063	5242	5265	5362	5239	5275	5333	53
30	River at Notus	9090	8810	9710	10000	10000	10400	9710	8300	7110	6450	62
	Totals	14113	13807	14673	15063	15242	15665	15072	13539	12385	11783	116

x Error--Wasteway not deducted from Farmers' Union

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1943. STORAGE INCLUDED

MAY

[illegible]

Chart No. 5-A

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
2696	2727	2712	2712	2712	2712	2729	2701	2729	2729	2724	2763	2746	2746	84500
7	7	7	7	7	7	7	7	7	7	6	6	6	6	213
20	20	21	21	21	20	20	19	19	18	18	17	17	17	506
529	535	522	532	537	545	551	545	547	547	547	529	529	533	16073
183	185	170	179	180	183	184	187	189	191	194	195	194	193	5520
43	45	46	48	49	51	52	54	55	57	58	55	53	50	1240
22	22	23	23	24	24	24	24	24	25	25	25	25	25	628
34	34	34	34	34	34	34	34	34	34	34	34	34	0	1071
114	196	197	196	197	198	200	201	202	203	203	204	204	206	5833
6	6	6	6	7	8	9	10	11	12	13	14	13	13	251
60	56	43	62	63	56	40	61	64	64	70	75	74	73	1915
11	12	12	13	13	14	14	15	15	16	16	16	15	15	315
193	157	121	170	171	176	182	222	115	124	129	163	162	156	5265
41	40	39	39	41	43	52	59	68	74	69	70	70	70	1618
22	22	22	22	23	23	23	23	23	23	23	24	24	24	664
48	51	56	54	60	63	64	68	76	75	74	73	71	69	1626
47	47	47	47	47	47	47	47	47	47	47	47	47	47	1342
390	410	420	398	400	400	404	404	404	422	422	422	422	388	12288
20	20	37	28	36	36	36	36	33	32	32	32	32	32	770
59	60	61	62	63	64	65	67	69	65	65	65	65	65	1994
398	398	398	398	393	388	383	388	393	398	398	398	398	398	11474
21	21	21	22	22	22	22	22	22	22	21	21	21	21	6
7	7	7	7	8	8	8	8	7	7	7	7	6	6	6
174	176	178	181	184	187	190	187	183	180	176	172	168	175	54
71	70	69	68	67	66	65	65	65	65	65	66	66	66	1999
58	58	60	60	61	62	63	63	62	62	62	61	61	61	1713
13	13	13	13	12	12	12	12	11	11	11	10	10	10	407
0	0	0	0	0	0	0	0	0	0	6	6	6	6	24
31	31	31	31	31	31	31	31	31	31	31	31	31	31	928
5318	5426	5373	5433	5463	5480	5511	5560	5505	5541	5546	5601	5570	5502	166420
4040	3080	2290	2760	3000	3080	3240	4140	5210	6240	8300	9390	10800	11500	206300
9358	8506	7663	8193	8463	8560	8751	9700	10715	11781	13846	14991	16370	17002	372720

DISCHARGE, IN SE
BY DAYS DURING THE IR

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10	11
1	New York Canal (M.C.#2)	2780	2628	2640	2524	2260	2075	1925	1708	1657	1736	192
2	Penitentiary	5	5	5	5	5	5	5	5	5	5	5
3	Bubb (South Boise)	16	16	16	15	15	15	14	14	14	13	1
4	Hiddenbaugh	492	476	460	457	460	460	457	476	484	499	49
5	Settlers	169	151	191	114	113	112	122	121	146	162	16
6	Thurman Mill	48	45	43	40	38	35	33	30	28	25	2
7	Cruzen (Consumers)	25	25	25	26	26	26	26	26	27	27	2
8	Boise City Canal	24	14	23	25	25	27	31	31	33	34	3
9	* Farmers' Union & E. V.	167	166	164	168	169	170	172	173	174	182	196
10	New Union Ditch Co.	13	12	12	12	11	11	11	11	11	11	12
11	New Dry Creek Ditch Co.	73	0	72	65	67	53	47	47	42	35	26
12	Ballantine Ditch Co.	14	13	12	11	10	9	8	7	6	6	7
13	Middleton Irr. Ass'n	150	144	79	104	105	106	106	127	126	166	164
14	Middleton Mill Ditch Co.	70	37	33	29	25	22	19	34	36	57	60
15	Little Pioneer Ditch Co.	24	24	24	24	25	25	25	25	25	25	26
16	Canyon County Water Co.	67	66	65	65	64	64	63	63	62	62	62
17	Eagle Island Canals	47	47	47	47	47	47	47	47	47	47	47
18	Phyllis	356	336	310	296	296	276	276	286	308	278	296
19	Eureka #1	32	32	30	24	24	24	24	24	29	28	28
20	Caldwell High Line	34	17	17	22	22	22	42	42	39	40	42
21	Farmers' Coop.	398	322	322	286	286	286	305	286	286	286	286
22	Campbell	20	20	20	19	19	19	19	19	19	19	19
23	Siebenberg	6	6	5	5	5	5	5	6	7	8	9
24	Riverside #2	161	156	151	148	145	142	139	141	143	145	148
25	Pioneer Dixie	66	67	67	67	67	67	67	65	63	61	59
26	Eureka #2	60	60	60	59	59	59	58	58	57	57	57
27	Upper Center Point	10	10	9	9	9	8	8	8	8	8	8
28	Lower Center Point	8	8	8	8	10	10	10	10	10	10	10
29	Miscellaneous	31	31	31	31	31	31	31	31	31	31	31
	Total Canal Diversions	5366	4934	4941	4705	4438	4211	4095	3921	3923	4063	4272
30	River at Notus	12700	11500	9090	6670	6450	6030	5610	5410	4910	4320	4040
	Totals	18066	16434	14031	11375	10888	10241	9705	9331	8833	8383	8312

* Error--Wasteway not deducted from Farmers' Union

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
 DURING THE IRRIGATION SEASON OF 1943, INCLUDING STORAGE

JUNE														
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
657	1736	1920	2140	2295	2280	2250	2021	2011	2280	2420	2446	2436	2540	2584
5	5	5	5	5	5	5	5	5	5	4	4	4	4	4
14	13	13	13	14	14	15	15	16	17	18	19	20	20	20
484	499	497	497	486	491	500	505	502	518	517	516	515	522	527
146	162	160	163	153	154	154	155	147	145	159	159	166	169	172
28	25	23	24	25	26	28	30	32	34	33	32	31	31	30
27	27	27	28	29	30	30	31	31	32	32	33	33	32	31
33	34	34	34	34	34	34	34	34	34	34	34	34	34	34
174	182	196	208	209	210	211	213	212	212	214	214	214	214	214
11	11	12	12	13	13	14	14	15	15	15	15	15	15	16
42	35	26	73	72	73	71	73	72	73	76	73	73	76	76
6	6	7	7	8	8	9	10	11	12	12	12	13	13	14
126	166	164	162	168	168	167	162	156	151	166	164	162	160	164
36	57	60	64	90	77	64	61	59	57	61	61	60	60	58
25	25	26	26	27	27	28	28	29	30	30	31	32	33	34
62	62	62	63	63	64	64	65	65	66	66	67	67	68	68
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
308	278	296	296	242	254	264	292	296	302	344	344	354	364	378
29	28	28	28	28	28	28	28	28	32	32	32	32	32	32
39	40	42	56	56	56	65	65	58	42	48	48	56	56	62
286	286	286	286	312	312	312	312	314	312	324	333	342	352	362
19	19	19	18	18	18	18	18	18	16	15	14	13	12	11
7	8	9	10	11	12	13	14	15	14	13	12	11	9	7
143	145	148	150	152	154	156	157	158	163	168	176	178	181	183
63	61	59	57	55	53	52	51	50	48	46	45	45	44	44
57	57	57	55	53	51	51	51	50	50	50	51	51	51	51
8	8	8	8	8	9	9	9	9	9	10	10	10	11	11
10	10	10	8	6	0	0	0	0	0	0	8	8	8	8
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
923	4063	4272	4569	4710	4699	4690	4497	4471	4747	4985	5031	5053	5189	5273
910	4320	4040	4320	6030	6890	6670	6030	5610	5210	6030	7570	7340	6240	6240
833	8383	8312	8889	10740	11589	11360	10527	10081	9957	11015	12601	12393	11429	11513

Chart No. 5-B

17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
2011	2280	2420	2446	2436	2540	2584	2612	2612	2629	2629	2623	2629	2645	69935
5	5	4	4	4	4	4	4	4	4	4	4	4	4	138
16	17	18	19	20	20	20	20	20	20	20	20	20	20	502
502	518	517	516	515	522	527	520	520	526	526	543	543	553	15045
147	145	159	159	166	169	172	169	177	181	182	182	182	183	4713
32	34	33	32	31	31	30	30	30	30	29	29	29	29	950
31	32	32	33	33	32	31	30	29	28	27	26	26	25	849
34	34	34	34	34	34	34	34	34	33	33	33	33	33	942
212	212	214	214	214	214	214	212	214	214	215	216	217	218	5952
15	15	15	15	15	15	16	16	16	16	16	17	17	17	414
72	73	76	73	73	76	76	76	77	77	78	79	79	79	1953
11	12	12	12	13	13	14	14	15	15	16	16	17	17	342
156	151	166	164	162	160	164	168	171	178	185	191	167	152	4539
59	57	61	61	60	60	58	56	54	54	54	54	54	55	1575
29	30	30	31	32	33	34	36	38	39	39	39	39	39	896
65	66	66	67	67	68	68	68	68	68	68	67	66	64	1958
47	47	47	47	47	47	47	47	47	47	47	47	47	47	1410
296	302	344	344	354	364	378	368	378	378	378	378	378	384	9686
28	32	32	32	32	32	32	31	31	31	31	31	31	31	876
58	42	48	48	56	56	62	74	74	67	67	58	58	58	1463
314	312	324	333	342	352	362	359	356	353	350	347	344	341	9672
18	16	15	14	13	12	11	11	11	11	12	14	16	16	492
15	14	13	12	11	9	7	7	7	7	7	7	7	7	257
158	163	168	176	178	181	183	182	182	181	181	180	180	180	4861
50	48	46	45	45	44	44	44	43	43	42	42	41	40	1601
50	50	50	51	51	51	51	50	50	49	48	46	46	44	1592
9	9	10	10	10	11	11	11	11	11	11	11	11	11	285
0	0	0	8	8	8	8	8	9	9	10	10	11	11	216
31	31	31	31	31	31	31	31	31	31	31	31	31	31	930
4471	4747	4985	5031	5053	5189	5273	5288	5309	5330	5336	5341	5323	5334	144044
5610	5210	6030	7570	7340	6240	6240	6240	5210	4910	4810	4810	4910	4910	186710
10081	9957	11015	12601	12393	11429	11513	11528	10519	10240	10146	10151	10233	10244	330754

DISCH
BY DAYS DUR

No.	Name of Canal	1	2	3	4	5	6	7	8	9	
1	New York Canal (MC #2)	2606	2600	2640	2645	2584	2578	2595	2589	2617	259
2	Penitentiary	10	10	10	10	10	10	10	10	10	1
3	Bubb (South Boise)	20	20	20	20	20	18	18	18	18	1
4	Ridenbaugh	543	541	547	577	557	547	553	541	540	53
5	Settlers	184	184	185	185	189	189	191	190	189	18
6	Thurman Mill	28	28	28	28	27	27	26	26	26	26
7	Cruzen (Consumers)	25	24	24	24	24	24	24	24	24	24
8	Boise City Canal	33	33	33	33	33	33	33	33	33	33
9	x Farmers' Union & B. V.	212	216	213	215	215	215	215	214	214	214
10	New Union Ditch Co.	17	17	17	17	17	16	16	16	16	16
11	New Dry Creek Ditch Co.	79	73	46	71	62	46	62	0	62	64
12	Ballantine Ditch Co.	18	18	18	18	18	18	18	18	18	18
13	Middleton Irr. Ass'n	136	136	137	131	126	121	159	168	176	162
14	Middleton Mill Ditch Co.	56	57	58	53	48	44	59	63	67	65
15	Little Pioneer Ditch Co.	38	38	38	38	38	37	37	37	37	37
16	Canyon County Water Co.	62	60	63	67	64	61	59	60	62	64
17	Eagle Island Canals (7)	47	47	47	47	47	47	47	47	47	47
18	Phyllis	388	388	388	348	368	368	388	388	373	382
19	Eureka #1	32	32	32	32	32	32	32	32	33	33
20	Caldwell High Line	48	48	48	42	42	31	0	31	36	41
21	Farmers' Coop.	338	348	348	348	348	348	348	348	348	348
22	Campbell	16	16	16	16	17	17	19	19	19	20
23	Siebenberg	6	6	6	6	8	8	8	7	7	7
24	Riverside #2	181	181	181	181	182	182	182	182	182	183
25	Pioneer Dixie	38	37	36	35	34	33	32	31	30	29
26	Eureka #2	44	44	41	39	37	33	33	31	30	29
27	Upper Center Point	11	11	11	11	11	11	11	11	11	11
28	Lower Center Point	11	12	12	12	13	13	13	14	14	14
29	Miscellaneous	31	31	31	31	31	31	31	31	31	31
	Total Canal Diversions	5258	5256	5274	5280	5202	5138	5219	5179	5270	5246
30	River at Notus	5010	5010	4810	4520	4710	3860	3590	3770	3860	3680
	Totals	10268	10266	10084	9800	9912	8998	8809	8949	9130	8926

x Error--Wasteway not deducted from Farmers' Union

BY DAYS DURING THE IRRIGATION SEASON OF 1943, INCLUDING STORAGE

[illegible]

Chart No. 5-C

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
2623	2550	2524	2556	2378	2165	2150	2160	2355	2180	2130	2140	2150	2110	76136
10	10	10	10	10	10	10	10	10	10	10	10	10	10	310
13	13	12	12	12	12	12	12	12	12	13	13	13	13	470
543	532	535	526	525	532	535	532	537	541	540	527	532	529	16744
102	169	178	178	177	176	174	179	179	169	169	169	170	170	5584
28	29	29	29	30	30	30	29	29	28	27	26	25	24	855
22	22	22	22	22	21	21	20	20	19	19	18	18	17	689
34	34	34	35	35	35	35	35	35	35	36	36	36	37	1059
73	40	152	188	205	205	208	205	204	204	204	210	0	191	5767
14	14	14	13	13	13	13	13	14	14	14	15	15	15	462
61	61	52	47	59	62	61	62	62	63	63	64	64	64	1628
18	18	18	18	18	18	18	17	16	15	14	13	12	12	531
4	6	59	104	150	165	150	151	152	153	154	155	156	157	3622
52	53	54	72	80	96	96	96	96	90	83	77	72	0	1936
34	34	33	33	32	32	31	31	30	30	29	29	29	29	1061
16	72	80	84	88	84	81	80	79	74	69	61	60	59	2069
35	35	35	35	35	35	35	35	28	28	28	28	28	28	1199
388	388	368	388	388	378	378	350	384	372	372	352	352	354	11683
32	32	32	32	32	32	32	32	30	28	28	28	28	28	976
29	34	34	33	33	42	43	50	50	50	50	50	50	50	1310
240	240	240	252	278	346	363	358	348	348	353	343	348	353	10151
22	22	23	23	23	23	23	23	23	23	22	22	20	18	635
8	8	8	8	8	8	8	8	8	8	8	8	8	8	218
169	166	162	159	155	152	148	144	140	142	145	147	151	154	5207
30	30	31	31	32	32	33	34	35	35	35	35	34	33	991
51	55	59	62	65	68	71	74	77	77	78	78	79	79	1584
13	13	14	14	15	15	16	16	16	16	15	15	15	15	402
17	17	18	18	18	19	19	19	20	20	19	19	18	18	497
23	23	23	23	23	23	23	23	19	19	19	19	19	19	793
4784	4720	4853	5005	4939	4829	4817	4798	5008	4803	4746	4707	4512	4594	154569
730	620	416	259	154	137	189	183	189	213	195	171	181	248	58970
5514	5340	5269	5264	5093	4966	5006	4981	5197	5016	4941	4878	4693	4842	213539

DISCHARGE,
BY DAYS DURING

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC #2)	1934	1915	1858	1829	1829	1768	1782	1772	1768	1754
2	Penitentiary	5	5	5	5	5	5	5	5	5	5
3	Bubb (South Boise)	13	13	12	12	12	11	11	11	11	11
4	Ridenbaugh	395	402	407	405	395	395	405	401	401	399
5	Settlers	144	144	143	143	142	141	141	140	140	139
6	Thurman Mill	24	24	24	24	24	24	23	23	23	23
7	Cruzen (Consumers)	22	22	21	21	21	20	20	20	19	19
8	Boise City Canal	26	26	26	26	25	25	25	24	24	23
9	x Farmers' Union & B.V.	175	175	175	175	175	175	175	175	175	175
10	New Union Ditch Co.	9	9	9	10	10	10	10	10	10	11
11	New Dry Creek Ditch Co.	42	42	42	43	43	43	43	43	43	43
12	Ballantine Ditch Co.	10	10	10	10	10	10	10	10	10	10
13	Middleton Irr. Ass'n.	59	56	61	61	60	60	60	61	61	61
14	Middleton Mill Ditch Co.	43	42	42	42	42	42	42	41	41	41
15	Little Pioneer Ditch Co.	26	25	24	23	22	22	22	22	23	23
16	Canyon County Water Co.	78	75	72	68	66	66	65	64	63	64
17	Eagle Island Canals (7)	28	28	28	28	28	28	28	28	28	28
18	Phyllis	329	329	330	330	320	316	316	316	316	316
19	Eureka #1	23	23	23	23	22	22	22	22	22	22
20	Caldwell High Line	56	56	56	56	56	55	55	55	55	55
21	Farmers' Coop.	262	255	269	271	269	264	259	259	259	259
22	Campbell	18	18	18	18	18	17	17	17	17	17
23	Siebenberg	9	9	9	9	9	9	9	9	9	8
24	Riverside #2	170	171	171	171	172	173	174	173	172	171
25	Pioneer Dixie	28	26	25	24	22	19	18	18	18	18
26	Eureka #2	60	59	59	58	58	57	56	55	54	53
27	Upper Center Point	21	21	21	21	19	19	19	16	16	16
28	Lower Center Point	19	19	18	18	18	18	18	18	18	17
29	Miscellaneous	19	19	19	19	19	19	19	19	19	19
	Total Canal Diversions	4047	4018	3977	3943	3911	3833	3849	3827	3820	3800
30	River at Notus	118	113	105	110	121	119	110	102	97	95
	Totals	4165	4131	4082	4053	4032	3952	3959	3929	3917	3895

x Error -- Wasteway not deducted from Farmers' Union

BY DAYS DURING THE IRRIGATION SEASON OF 1943, INCLUDING STORAGE

7	8	9	10	11	12	13	14	15	16	17	18	19	20
1782	1772	1768	1754	1694	1680	1639	1657	1607	1524	1491	1405	1331	1283
5	5	5	5	5	5	4	4	4	4	4	4	4	4
11	11	11	11	10	10	10	10	10	9	9	9	9	9
405	401	401	399	395	402	401	400	397	404	335	343	343	340
141	140	140	139	139	138	138	135	75	74	74	80	74	74
23	23	23	23	22	22	22	21	21	21	20	20	20	20
20	20	19	19	19	18	18	18	17	17	17	16	16	16
25	24	24	23	20	18	16	15	14	13	12	12	12	12
175	175	175	175	175	142	142	142	142	142	142	142	142	142
10	10	10	11	11	11	11	11	12	12	12	12	12	12
43	43	43	43	43	43	43	43	43	43	41	41	42	41
10	10	10	10	9	9	9	9	9	10	10	10	10	10
60	61	61	61	61	61	0	51	52	55	58	61	58	55
42	41	41	41	41	41	100	44	43	43	42	42	42	42
22	22	23	23	23	23	24	24	24	25	25	25	25	25
65	64	63	64	64	64	64	63	62	59	59	59	58	59
28	28	28	28	28	28	28	28	28	28	28	28	28	28
316	316	316	316	316	306	296	296	286	274	268	260	244	228
22	22	22	22	21	21	21	21	20	20	20	20	19	19
55	55	55	55	48	48	48	48	48	47	47	47	47	46
259	259	259	259	259	254	254	259	254	259	269	264	264	240
17	17	17	17	16	16	16	16	16	14	14	14	14	12
9	9	9	8	8	8	8	8	8	7	7	7	7	7
174	173	172	171	170	169	168	167	166	166	165	164	163	161
18	18	18	18	18	18	18	18	18	17	17	17	17	17
56	55	54	53	52	51	50	49	48	47	46	45	44	42
19	16	16	16	16	13	13	13	11	11	11	9	9	6
18	18	18	17	17	17	17	17	17	17	17	17	16	16
19	19	19	19	19	19	19	19	19	19	19	19	19	19
3849	3827	3820	3800	3719	3655	3597	3606	3471	3381	3279	3192	3089	2990
110	102	97	95	113	121	129	133	149	174	187	205	248	298
3959	3929	3917	3895	3832	3776	3726	3739	3620	3555	3466	3397	3337	3288

Chart # 5-E

17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
491	1405	1331	1283	1191	1140	1101	1086	1083	1083	1058	1003	920	929	44114
4	4	4	4	4	4	4	4	4	4	4	4	4	4	132
9	9	9	9	9	9	9	9	9	9	9	9	9	9	302
335	343	343	340	355	330	333	343	338	330	333	343	340	338	11148
74	80	74	74	71	70	70	70	70	70	70	96	96	96	3197
20	20	20	20	20	20	19	19	19	19	18	18	18	18	633
17	16	16	16	16	14	14	14	14	14	14	14	14	14	519
12	12	12	12	12	12	12	12	12	12	12	12	12	12	514
142	142	142	142	142	132	132	132	132	132	132	127	127	127	4518
12	12	12	12	12	12	12	12	12	12	12	12	12	12	334
41	41	42	41	41	41	41	41	41	41	41	40	40	40	1257
10	10	10	10	10	10	10	10	10	10	10	10	10	10	295
58	61	58	55	52	49	47	45	43	41	29	28	26	26	1498
42	42	42	42	42	42	42	42	40	40	40	40	40	40	1306
25	25	25	25	20	20	20	20	16	16	16	16	16	12	647
59	59	58	59	60	60	59	58	48	49	51	53	54	54	1838
28	28	28	28	28	28	28	28	28	28	28	28	28	28	840
268	260	244	228	220	202	192	192	192	204	204	184	184	168	7934
20	20	19	19	19	18	18	18	17	17	17	17	17	17	601
47	47	47	47	46	46	46	43	43	42	42	42	42	42	1464
269	264	264	240	259	274	259	259	259	264	259	254	259	259	7807
14	14	14	14	12	12	12	12	12	12	12	12	12	12	445
7	7	7	7	7	7	6	6	6	6	6	6	6	6	226
165	164	163	162	161	160	158	156	154	154	156	158	160	160	4955
17	17	17	17	17	17	17	17	17	16	14	12	10	10	538
46	45	44	43	42	41	40	39	38	38	38	38	38	38	1434
11	9	9	6	6	6	4	3	3	3	3	3	3	0	335
17	17	16	16	16	16	16	16	16	16	16	16	16	16	509
19	19	19	19	19	19	19	19	19	19	19	19	19	19	570
3279	3192	3089	2990	2909	2811	2740	2725	2695	2701	2663	2614	2532	2516	99910
187	205	248	298	282	262	250	243	256	270	279	298	279	273	5539
3466	3397	3337	3288	3191	3073	2990	2968	2951	2971	2942	2912	2811	2789	105449

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1943.

NO.	NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT
1	Board of Control (MC #2)	94536	169000	139870	152272	123624	
2	Penitentiary	16	426	276	620	460	
3	Bubb (So. Boise)	48	1012	1004	940	1266	
4	Ridenbaugh	13112	32146	30090	33488	30298	
5	Settlers	2290	11040	9426	11168	9764	
6	Thurman Mill	132	2480	1900	1710	1610	
7	Consumers (Cruzen)	276	1256	1698	1378	1238	
8	Boise City Canal	752	2142	1884	2118	2042	
9	Farmers' Union and Wise	2568	7826	8238	7512	7770	
10	Boise Valley	696	3266	3106	3454	3110	
11	New Union Ditch Co. (Little Un.)	162	502	828	924	812	
12	New Dry Creek Ditch Co.	996	3830	3906	3256	3578	
13	Ballantine Ditch	112	630	684	1062	884	
14	Middleton Irrigation Ass'n	2076	10530	9078	7244	6678	
15	Middleton Mill	330	3236	3150	3872	3560	
16	Little Pioneer Ditch Co.	72	1328	1792	2122	1386	
17	Canyon County	500	3252	3916	4138	4486	
18	7 Eagle Island Canals	76	2684	2820	2398	1736	
19	Phyllis	12860	24576	19372	23366	21018	
20	Eureka #1	260	1540	1752	1952	1642	
21	CalGwell High Line	2728	3988	2926	2620	2428	
22	Farmers' Coop.	2610	22948	19344	20302	17220	
23	Campbell	260	1246	984	1270	860	
24	Siebenberg	30	398	514	436	468	
25	Riverside #2	3368	10842	9722	10414	9862	
26	Pioneer Dixie	200	3998	3202	1982	2248	
27	Eureka #2	424	3426	3184	3168	3224	
28	Upper Center Point	72	814	570	804	852	
29	Lower Center Point	0	48	432	994	852	
30	Miscellaneous	180	1856	1860	1586	1178	
	Total	141742	332266	287528	308570	266154	

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1943.

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
#2)	94536	169000	139870	152272	123624	88228	767530
	16	426	276	620	460	264	2062
	48	1012	1004	940	1266	604	4874
	13112	32146	30090	33488	30298	22296	161430
	2290	11040	9426	11168	9764	6394	50082
	132	2480	1900	1710	1610	1266	9098
	276	1256	1698	1378	1238	1038	6884
	752	2142	1884	2118	2042	1028	9966
ise	2568	7826	8238	7512	7770	6440	40354
	696	3266	3106	3454	3110	2170	15802
(Little Un.)	162	502	828	924	812	668	3896
Co.	996	3830	3906	3256	3578	2514	18080
	112	630	684	1062	884	590	3962
Ass'n	2076	10530	9078	7244	6678	2996	38602
	330	3236	3150	3872	3560	2612	16760
Co.	72	1328	1792	2122	1386	1294	7994
	500	3252	3916	4138	4486	3676	19968
s	76	2684	2820	2398	1736	1680	11394
	12860	24576	19372	23366	21018	15868	117060
	260	1540	1752	1952	1642	1202	8348
	2728	3988	2926	2620	2428	2928	17618
	2610	22948	19344	20302	17220	15614	98038
	260	1246	984	1270	860	890	5510
	30	398	514	436	468	452	2298
	3368	10842	9722	10414	9862	9910	54118
	200	3998	3202	1982	2248	1076	12706
	424	3426	3184	3168	3224	2868	16294
	72	814	570	804	852	670	3782
	0	48	432	994	852	1018	3344
	180	1856	1860	1586	1178	1140	7800
	141742	332266	287528	308570	266154	199394	1535654

	1915	1916	1917	1918	1919	1920	1921	1922
Board of Control	434,066	589,932	439,904	561,530	531,426	568,746	563,608	553,02
New York Stock		83,014	54,282	70,226	54,972	60,052	69,512	67,83
Penitentiary	1,066	1,464	1,452	1,530	2,426	2,580	3,032	2,94
Bubb	3,442	4,344	4,676	4,562	3,542	4,276	3,892	3,21
Ridenbaugh	98,468	103,386	97,080	112,186	101,802	106,712	128,616	120,47
Settlers	32,168	40,804	32,418	35,552	37,748	41,000	48,384	44,96
Thorman Mill	10,686	11,112	11,918	9,870	7,954	7,628	7,630	6,68
Consumers Water Corp.	19,946	22,756	17,408	28,748	25,194	25,140	23,530	23,024
Boise City	2,552	3,402	2,990	3,162	2,840	888	1,896	2,032
Farmers Union	34,500	31,804	26,042	32,644	25,110	26,646	41,360	38,982
Capital View Irr. Dist.	2,846	2,002	2,022	4,212	4,114	4,392	4,880	4,880
Boise Valley		12,936	6,438	11,374	13,296	13,704	14,142	15,416
New Union	2,940	3,178	3,902	3,048	2,890	2,496	3,392	3,272
New Dry Creek	11,983	12,500	10,466	10,698	11,154	13,972	16,000	16,712
Ballantine	1,546	2,006	1,752	2,436	3,560	2,882	2,460	3,900
Middleton Water Co.	23,480	21,404	15,982	26,044	21,004	24,332	28,232	31,016
Middleton Mill Ditch	14,688	15,094	15,666	15,240	15,106	15,290	15,078	24,190
Little Pioneer	5,716	6,620	5,466	5,904	5,966	6,802	5,822	6,632
Canyon Water Co.	15,190	18,034	14,158	16,034	15,254	14,356	21,414	23,218
7 Eagle Island Canals	11,394	14,164	12,204	14,968	13,196	12,702	13,308	12,212
Phyllis Canal	69,324	109,026	108,926	108,282	108,698	104,416	115,540	115,740
Eureka Water Company	4,578	5,334	3,574	5,226	6,094	5,264	5,166	6,390
Caldwell High Line	23,004	18,100	18,476	16,110	13,372	12,016	18,678	17,660
Farmers Coop.	63,282	85,544	69,638	84,974	67,628	84,448	93,052	38,650
Campbell (Canyon)	3,044	4,614	4,492	4,070	3,706	3,710	4,974	3,924
Siebenberg	2,806	3,588	2,750	3,428	3,230	3,420	3,508	3,090
Riverside No. 2	55,240	60,956	48,584	57,268	45,704	53,966	67,906	41,180
Pioneer Dixie	5,144	5,434	4,384	3,938	5,394	4,822	7,218	4,904
Eureka No. 2	11,438	10,626	9,170	11,156	12,264	13,334	15,280	15,412
Upper Center Point	3,240	3,262	2,348	3,024	3,276	2,912	2,850	3,472
Lower Center Point	2,262	1,850	1,558	2,542	2,062	3,278	2,052	1,784
Miscellaneous	8,852	9,292	8,102	9,930	8,566	8,458	8,610	8,118

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 1,4

New York Canal Diversions								
October 1 to March 31		93,356	157,484	163,000	185,000	211,000	164,000	1
Irrigation Requirements Below Diversion								
Dam During October		39,100	33,996	27,106	17,806	24,070	35,892	
Amount Passing Diversion Dam								
From November 1 to April 1		170,196	165,570	121,418	137,420	119,294	134,784	
Total		1,360,880	1,636,966	1,488,352	1,594,866	1,715,386	1,640,622	1,7
Summer Return Flow	194,850	353,506	314,462	371,632	279,366	232,512	362,928	294,100
Natural Flow Used			1,046,418	1,265,334	1,208,986	1,362,354	1,352,458	1,346,522
Combined with Board of Control								1,4

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

APRIL 1ST TO SEPTEMBER 30TH - BEGINNING 1915

1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
8,746	563,608	553,022	643,878	201,622	611,376	375,000	642,778	576,716	574,030	520,14
0,052	69,512	67,838	71,808	35,298	60,074	29,836	60,788	51,718	41,366	35,97
2,580	3,032	2,940	3,100	772	2,122	1,734	1,954	2,144	1,650	1,49
9,276	3,892	3,212	4,048	2,818	3,202	2,834	3,348	3,712	3,688	3,55
6,712	128,616	120,472	135,908	87,636	135,696	108,210	132,334	132,446	120,884	129,062
1,000	48,384	44,966	47,634	31,326	52,862	35,728	47,830	43,340	41,540	35,554
7,628	7,630	6,686	9,316	7,244	8,976	8,770	7,972	9,516	9,784	8,748
5,140	23,530	23,024	19,344	12,560	12,646	10,190	8,816	8,350	6,808	8,584
888	1,896	2,032	1,530	8,498	9,582	8,774	9,036	7,300	8,960	8,938
6,646	41,360	38,982	44,270	24,426	46,786	22,898	44,984	37,562	33,376	35,482
4,392	4,880	4,880	5,368	3,280	4,000	4,434	3,388	4,240	3,100	3,880
3,704	14,142	15,416	17,142	14,178	12,720	14,840	16,410	16,778	15,536	16,998
2,496	3,392	3,272	3,934	3,592	3,854	3,038	4,292	3,760	3,960	3,558
3,972	16,000	16,712	16,922	12,224	18,454	14,276	18,322	17,816	15,970	17,140
2,882	2,460	3,900	4,226	3,028	2,580	3,526	3,660	3,574	3,282	3,338
24,332	28,232	31,016	29,582	26,108	34,652	23,934	29,816	27,358	21,624	25,942
15,290	15,078	24,190	26,702	13,896	28,028	14,266	19,028	19,768	18,036	17,178
6,802	5,822	6,632	7,880	6,410	9,418	7,626	7,442	8,988	8,738	8,584
14,356	21,414	23,218	22,786	18,912	19,712	18,952	19,672	18,982	18,118	18,958
12,702	13,308	12,212	13,794	11,850	13,756	11,530	13,288	12,134	11,448	12,274
04,416	115,540	115,740	125,282	61,300	125,588	70,342	115,370	113,842	95,844	109,970
5,264	5,166	6,390	5,698	6,600	5,952	6,344	6,434	6,474	5,714	6,800
12,016	18,678	17,660	15,368	16,296	14,584	18,938	11,944	14,332	17,556	17,530
84,448	93,052	38,650	89,224	39,540	89,020	52,192	91,726	79,274	69,000	84,294
3,710	4,974	3,924	5,248	3,556	4,478	3,384	4,658	5,222	3,838	4,526
3,420	3,508	3,090	3,596	2,106	3,106	2,796	2,604	2,854	2,580	3,030
53,966	67,906	41,180	54,620	30,752	47,454	40,604	63,404	51,036	41,220	46,956
4,822	7,218	4,904	9,440	7,996	8,710	7,620	8,140	11,442	8,622	9,296
13,334	15,280	15,412	16,402	12,642	11,776	12,052	11,978	12,326	10,110	11,982
2,912	2,850	3,472	3,538	3,196	2,468	2,308	1,802	2,756	2,526	2,952
3,278	2,052	1,784	2,848	3,042	2,538	2,634	2,238	2,120	3,018	2,622
8,458	8,610	8,118	9,148	7,080	8,770	7,680	8,996	8,082	7,582	8,206

14,640	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	8
5,000	211,000	164,000	173,000	190,000	201,000	180,000	182,000	160,270	157,526	175,266	1
7,806	24,070	35,892	29,432	37,796	31,292	37,700	28,750	36,020	41,240	31,840	
7,420	119,294	134,784	96,796	200,414	103,652	107,282	150,930	234,482	45,018	59,500	
4,866	1,715,386	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	1,1
2,512	362,928	294,100	344,890	165,164	290,248	171,692	304,290	299,728	227,474	235,746	1
2,354	1,352,458	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	9

Chart No. 7

1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
574,030	520,146	355,518	735,592	638,504	388,154	646,960	611,988	541,832	723,112
41,366	35,978	24,658							
1,650	1,492	1,474	1,680	1,466	1,672	2,358	1,998	2,164	2,132
3,688	3,558	2,926	5,184	4,266	4,030	4,136	4,142	3,978	4,722
120,884	129,062	102,584	144,474	141,694	126,502	134,870	148,178	117,806	159,302
41,540	35,554	29,674	46,690	45,061	34,142	42,992	43,732	36,478	48,134
9,784	8,748	8,720	8,264	8,434	10,700	10,450	8,802	9,442	10,624
6,808	8,584	8,322	8,236	6,562	8,000	6,424	7,344	7,048	6,876
8,960	8,938	8,484	9,638	10,388	10,524	9,496	8,470	8,758	9,746
33,376	35,482	23,854	31,744	32,136	28,848	29,988	29,716	28,022	35,240
3,100	3,880	3,298	3,354	3,374	3,950	3,400	3,406	3,362	3,468
15,536	16,998	15,608	15,252	15,654	16,468	15,254	16,034	16,038	17,586
3,960	3,558	3,706	3,328	3,508	4,112	4,178	4,374	4,442	4,322
15,970	17,140	11,870	15,524	17,648	3,764	17,350	16,110	13,638	17,830
3,282	3,338	2,918	4,354	3,432	13,796	3,532	3,386	3,288	3,514
21,624	25,942	23,214	23,096	20,018	23,312	20,772	22,764	26,276	31,226
18,036	17,178	13,390	20,590	22,844	16,528	21,020	22,260	15,006	17,584
8,738	8,584	7,608	7,990	9,194	8,762	8,974	8,424	8,802	9,762
18,118	18,958	17,144	19,132	19,872	20,470	20,528	17,896	18,180	18,814
11,448	12,274	11,030	11,714	11,446	11,162	11,382	14,348	10,998	12,632
95,864	109,070	65,170	111,016	110,312	85,148	97,746	100,138	83,308	111,026
5,714	6,800	6,090	6,462	6,370	7,624	8,174	7,662	7,318	7,262
17,556	17,530	18,938	18,562	13,004	20,360	21,714	18,320	19,698	17,206
69,000	84,294	49,120	85,240	78,830	60,256	76,344	73,100	70,164	93,592
3,838	4,526	3,956	4,100	4,886	3,584	4,318	4,528	4,284	5,750
2,580	3,030	2,510	2,422	3,448	2,482	3,244	2,574	2,658	2,662
41,220	46,956	32,014	50,662	41,020	49,060	44,988	52,910	44,172	66,196
8,622	9,296	8,540	7,556	7,938	10,196	7,942	8,848	8,072	10,414
10,110	11,982	10,130	10,210	11,440	12,650	12,588	101,158	10,864	13,586
2,526	2,952	2,668	2,970	2,656	2,288	3,024	2,584	2,688	2,452
3,018	2,622	3,102	2,772	2,812	3,962	3,010	1,630	2,552	2,436
7,582	8,206	7,532	7,492	7,606	7,554	7,558	9,534	7,378	8,388
1,229,658	1,223,286	885,750	1,425,210	1,305,778	1,000,060	1,304,704	1,285,358	1,138,714	1,477,596
157,526	175,266	141,956	157,422	125,778	166,838	169,168	170,570	153,418	176,440
42,240	31,840	25,150	26,830	40,838	37,678	33,142	80,292	26,588	34,398
45,018	59,500	50,794	68,384	69,956	55,018	51,396	19,088	20,768	85,150
1,473,442	1,489,892	1,103,650	1,677,846	1,542,350	1,259,594	1,558,410	1,505,308	1,339,488	1,773,584
227,474	235,746	171,736	343,116	273,076	198,518	240,752	265,286	217,436	373,294
1,245,968	1,254,146	931,914	1,334,730	1,269,274	1,061,076	1,317,658	1,240,022	1,122,052	1,400,290

Chart #1 A

1939	1940	1941	1942	1943
572,374	567,126	600,416	660,248	767,530
2,006	1,746	1,582	1,570	2,062
4,278	3,918	4,740	4,154	4,874
147,684	148,658	160,804	144,804	161,430
43,292	40,520	46,556	43,064	50,082
11,532	9,632	9,410	11,612	9,098
8,326	6,826	5,658	6,630	6,884
9,944	9,114	10,086	9,296	9,966
33,645	26,168	35,618	35,736	38,180
3,498	3,468	3,560	2,282	2,174
17,631	16,274	17,494	16,676	15,802
4,036	3,904	4,582	3,524	3,896
15,252	14,502	17,978	17,752	18,080
3,698	3,562	3,250	3,316	3,962
31,488	33,620	34,504	30,278	38,602
15,042	15,640	14,564	13,858	16,760
8,318	7,044	7,920	7,108	7,994
19,960	17,878	20,308	18,486	19,968
12,398	10,256	12,326	12,720	11,394
98,038	92,608	104,914	93,564	117,060
8,406	7,576	9,340	8,402	8,348
21,466	20,974	20,100	17,852	17,618
68,918	69,200	78,736	80,164	98,038
6,364	3,824	4,272	5,040	5,510
3,260	2,862	2,774	2,102	2,298
48,444	47,128	60,012	52,152	54,118
13,248	12,184	11,994	13,566	12,706
15,256	15,416	14,750	12,896	16,294
3,472	3,538	3,764	3,588	3,782
3,944	4,596	4,890	4,196	3,344
8,360	6,856	8,324	8,284	7,800
1,263,578	1,226,618	1,335,226	1,344,640	1,535,654
133,534	172,234	175,014	151,154	152,266
20,550	19,562	22,856	28,638	25,370
65,456	35,898	29,972	393 48	437,346
1,483,118	1,454,312	1,563,068	1,563,780	2,150,636
235,740	263,936	334,394	281,650	275,866
1,247,378	1,190,476	1,228,674	1,282,130	1,874,770

No.	Name of Tributary	1	2	3	4	5	6	7	8	9
1	Drainage District #3	8	8	8	8	8	8	8	8	8
2	Davis Drain	5	5	5	5	5	5	5	5	5
3	Thurman Drain	9	9	9	9	9	9	9	9	9
4	Boise Sewer	8	8	8	8	8	8	8	8	8
5	Eagle Drain	26	26	26	26	26	27	27	27	27
6	South Middleton Drain	50	50	50	50	50	50	50	50	50
7	North Middleton Drain	10	10	10	10	10	12	12	12	12
8	Hartley Drain	8	8	8	8	9	9	9	9	10
9	Phyllis Waste	3	3	3	3	3	3	3	3	3
10	Mason Creek	10	10	10	10	10	11	11	11	11
11	Mason Drain	30	30	30	30	30	32	32	32	32
12	Indian Creek	60	60	62	63	65	64	66	67	69
	Total	227	227	229	230	233	238	240	241	244

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1	Drainage District #3	11	11	11	11	11	11	11	11	11	11
2	Davis Drain	7	7	7	7	7	7	7	7	7	7
3	Thurman Drain	12	12	12	12	12	12	12	12	12	12
4	Boise Sewer	8	8	8	8	8	9	9	9	9	9
5	Eagle Drain	32	32	32	32	32	33	33	33	33	33
6	South Middleton Drain	70	70	70	70	70	70	70	70	80	80
7	North Middleton Drain	25	25	25	25	25	27	27	27	27	27
8	Hartley Drain	15	15	15	15	16	16	16	16	16	17
9	Phyllis Waste	3	3	4	4	4	4	4	4	4	4
10	Mason Creek	16	16	16	16	16	16	16	16	16	16
11	Mason Drain	60	62	64	66	68	70	72	74	76	78
12	Indian Creek	116	116	117	117	118	118	119	119	120	120
	Total	375	377	381	383	387	393	396	398	411	414

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1943

APRIL

7	8	9	10	11	12	13	14	15	16	17	18	19	20
8	8	8	8	9	9	9	9	9	9	9	9	9	9
5	5	5	5	5	5	5	5	5	6	6	6	6	6
9	9	9	9	10	10	10	10	10	10	10	10	10	10
8	8	8	8	8	8	8	8	8	8	8	8	8	8
27	27	27	27	28	28	28	28	28	29	29	29	29	29
50	50	50	50	50	56	56	56	56	58	58	58	60	60
12	12	12	12	14	14	14	14	14	17	17	17	17	17
9	9	10	10	10	10	11	11	11	11	12	12	12	12
3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	11	11	11	12	12	12	12	12	13	13	13	13	13
32	32	32	32	34	34	34	34	34	36	36	36	36	36
66	67	69	71	70	74	72	73	75	77	76	80	84	82
240	241	244	246	253	263	262	263	265	277	277	281	287	285

MAY

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
11	11	11	11	12	12	12	12	12	12	12	12	12	12	13
7	7	7	7	7	7	7	7	7	8	8	8	8	8	8
12	12	12	12	13	13	13	13	13	13	13	13	13	13	14
9	9	9	9	9	9	9	9	10	10	10	10	10	10	10
33	33	33	33	34	34	34	34	34	35	35	35	35	35	35
70	70	80	80	80	80	80	80	80	80	80	83	86	90	94
27	27	27	27	29	29	29	29	29	27	27	27	27	27	26
16	16	16	17	17	17	18	18	18	18	19	19	19	19	20
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	16	16	16	17	17	17	17	17	17	17	17	20	23	26
72	74	76	78	80	82	84	86	88	90	92	93	91	89	87
119	119	120	120	121	121	120	120	120	120	119	119	119	119	118
396	398	411	414	423	425	427	429	432	434	436	440	444	449	455

Chart No. 8

19	20	21	22	23	24	25	26	27	28	29	30	Total
9	9	10	10	10	10	10	10	10	10	10	10	270
6	6	6	6	6	6	6	6	6	6	6	6	165
10	10	11	11	11	11	11	11	11	11	11	11	300
8	8	8	8	8	8	8	8	8	8	8	8	240
29	29	30	30	30	30	30	31	31	31	31	31	855
60	60	60	60	60	66	66	66	66	70	70	70	1722
17	17	19	19	19	19	19	22	22	22	22	22	470
12	12	13	13	13	13	14	14	14	14	15	15	338
3	3	3	3	3	3	3	3	3	3	3	3	90
13	13	14	14	14	14	14	15	15	15	15	15	375
36	36	38	40	42	46	48	50	52	54	56	58	1144
84	82	81	86	88	93	94	96	100	102	108	113	2371
287	285	293	300	304	319	323	332	338	346	355	362	8340

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
12	12	13	13	13	13	13	13	13	13	13	13	13	373
8	8	8	8	8	8	8	8	8	8	8	8	8	233
13	13	14	14	14	14	14	14	14	14	14	14	14	404
10	10	10	10	10	10	10	10	10	10	10	10	10	291
35	35	35	36	36	36	36	37	37	37	37	38	38	1073
86	90	94	97	100	103	106	109	112	116	120	124	128	2748
27	27	26	26	26	25	25	25	24	24	24	23	23	811
19	19	20	20	20	20	21	21	21	20	20	20	19	561
4	4	4	4	4	4	4	4	5	5	5	5	5	127
20	23	26	29	33	37	36	34	32	30	28	26	24	674
91	89	87	86	85	84	88	92	96	100	104	108	112	2607
119	119	118	118	118	118	124	130	136	142	148	154	160	3844
444	449	455	461	467	472	485	497	508	519	531	543	554	13746

No.	Name of Tributary	1	2	3	4	5	6	7	8	9
1	Drainage District #3	14	14	14	14	14	14	14	14	14
2	Davis Drain	9	9	9	9	9	9	9	9	9
3	Thurman Drain	15	15	15	15	15	16	16	16	16
4	Boise Sewer	10	10	10	10	10	10	10	10	10
5	Eagle Drain	38	39	39	39	39	40	40	40	40
6	South Middleton Drain	132	136	140	144	148	152	156	147	138
7	North Middleton Drain	23	23	22	22	22	22	21	21	21
8	Hartley Drain	19	18	18	17	16	15	13	13	14
9	Phyllis Waste	5	5	5	5	5	6	6	6	6
10	Mason Creek	22	20	18	16	14	12	10	13	16
11	Mason Drain	116	120	124	128	132	136	141	140	139
12	Indian Creek	166	172	178	183	188	193	198	196	194
	Total	569	581	592	602	612	625	634	625	617

No.	Name of Tributary	1	2	3	4	5	6	7	8	9
1	Drainage District #3	14	14	14	14	14	13	13	13	13
2	Davis Drain	10	10	10	10	10	10	10	10	10
3	Thurman Drain	26	26	26	26	28	28	28	28	30
4	Boise Sewer	10	10	10	10	10	10	10	10	10
5	Eagle Drain	55	55	55	56	56	56	57	57	57
6	South Middleton Drain	133	129	125	121	117	113	109	105	101
7	North Middleton Drain	30	30	30	30	30	29	29	29	29
8	Hartley Drain	17	17	18	18	19	19	20	20	21
9	Phyllis Waste	5	5	5	5	5	5	5	5	5
10	Mason Creek	34	33	33	32	31	30	29	28	27
11	Mason Drain	87	86	85	84	83	82	81	80	79
12	Indian Creek	157	158	158	158	159	159	159	159	160
	Total	578	573	569	564	562	554	550	544	542

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
IRRIGATION SEASON OF 1943

JUNE

7	8	9	10	11	12	13	14	15	16	17	18	19	20	
14	14	14	14	15	15	15	15	15	15	15	15	15	15	
9	9	9	10	10	10	10	10	10	10	10	10	10	10	
16	16	16	16	17	17	17	17	17	19	19	19	19	19	
10	10	10	10	10	10	10	10	10	11	11	11	11	11	
40	40	40	41	42	43	44	45	47	49	51	53	53	53	
156	147	138	129	120	111	102	93	84	75	66	82	98	114	130
21	21	21	23	25	29	37	49	64	95	181	160	122	101	83
13	13	14	14	15	15	16	17	18	19	20	19	18	17	16
6	6	6	6	6	5	5	5	5	4	4	4	4	4	4
10	13	16	19	22	25	28	31	34	37	41	40	40	39	39
141	140	139	138	137	136	135	134	133	132	131	124	117	110	103
198	196	194	192	190	188	186	184	183	182	181	176	171	167	163
634	625	617	612	609	604	605	610	620	648	730	713	678	660	648

JULY

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	
10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	
28	28	30	30	30	30	29	29	29	29	29	28	28	28	28	
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
57	57	57	58	58	58	59	59	60	60	61	61	62	62	63	
109	105	101	97	93	89	85	82	85	88	91	94	97	100	103	109
29	29	29	29	28	28	28	28	28	28	28	28	28	28	28	29
20	20	21	21	22	22	23	23	23	23	23	23	23	23	24	24
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	28	27	26	25	24	23	22	21	20	19	18	17	17	16	16
81	80	79	78	77	76	75	74	74	75	75	76	76	77	77	77
159	159	160	160	160	160	161	161	161	160	159	158	157	156	155	155
550	544	542	537	531	525	521	516	519	519	521	522	524	527	530	530

Chart No. 8-A

18	19	20	21	22	23	24	25	26	27	28	29	30	Total
15	15	15	14	14	14	14	14	14	14	14	14	14	430
10	10	10	10	10	10	10	10	10	10	10	10	10	291
19	19	19	22	22	22	22	22	24	24	24	24	26	567
11	11	11	11	11	11	11	11	11	11	11	11	11	315
53	53	53	53	53	53	54	54	54	54	54	54	55	1413
82	98	114	130	147	165	161	157	153	149	145	141	137	3852
160	122	101	83	60	42	31	31	31	30	30	30	30	1481
19	18	17	16	15	14	14	14	15	15	15	16	16	481
4	4	4	4	5	5	5	5	5	5	5	5	5	150
40	40	39	39	38	38	37	37	36	36	35	35	34	862
124	117	110	103	97	91	91	90	90	89	89	88	88	3519
176	171	167	163	159	155	155	155	156	156	156	157	157	5237
713	678	660	648	631	620	605	600	599	593	588	585	583	18598

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
12	12	12	12	12	12	12	12	13	13	13	13	13	14	399
9	9	9	9	9	9	9	9	9	9	9	9	9	9	294
28	28	28	28	26	26	26	26	24	24	24	22	22	22	835
10	10	10	10	10	10	10	10	10	10	10	10	10	10	310
61	62	62	63	63	64	64	63	63	62	62	61	60	59	1846
94	97	100	103	106	109	112	115	118	122	126	120	114	107	3306
28	28	28	28	28	28	28	28	28	28	29	29	29	29	887
23	23	23	24	24	24	24	24	24	24	24	24	24	24	682
5	5	5	5	5	5	5	5	5	5	5	5	5	5	155
18	17	17	16	16	15	15	14	14	13	13	13	12	12	662
76	76	77	77	77	78	78	78	79	79	79	80	82	84	2451
158	157	156	155	154	153	152	151	150	149	148	148	148	148	4836
522	524	527	530	530	533	535	535	537	538	542	534	528	523	16663

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1	Drainage District #3	13	13	13	13	13	13	13	13	13	13
2	Davis Drain	9	9	9	9	9	9	9	9	9	9
3	Thurman Drain	22	22	22	22	22	22	22	22	22	22
4	Boise Dewer	9	9	9	9	9	9	9	9	9	9
5	Eagle Drain	59	58	57	56	56	55	54	54	53	53
6	South Middleton Drain	106	105	104	103	102	101	100	99	98	96
7	North Middleton Drain	29	29	29	29	29	29	29	29	29	30
8	Hartley Drain	23	23	23	23	23	23	23	22	22	22
9	Phyllis Waste	5	5	5	5	5	5	5	5	5	5
10	Mason Creek	12	11	11	10	10	9	9	8	8	9
11	Mason Drain	86	88	91	94	97	100	103	106	109	106
12	Indian Creek	148	148	148	147	147	147	147	147	147	148
	Total	521	520	521	520	522	522	523	523	524	522

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1.	Drainage District #3	15	15	15	15	15	15	15	15	15	15	15
2	Davis Drain	10	10	10	10	10	10	10	10	10	10	10
3	Thurman Drain	21	21	21	21	21	20	20	20	20	20	22
4	Boise Sewer	9	9	9	9	9	9	9	9	9	9	8
5	Eagle Drain	54	54	54	55	55	55	55	55	54	54	54
6	South Middleton Drain	100	93	93	92	92	91	91	90	90	89	89
7	North Middleton Drain	18	18	18	18	18	17	17	17	17	17	16
8	Hartley Drain	23	24	24	24	24	24	24	24	24	25	25
9	Phyllis Waste	5	5	5	5	5	4	4	4	4	4	4
10	Mason Creek	97	100	98	92	86	77	72	68	57	50	46
11	Mason Drain	23	19	21	23	26	29	32	35	38	41	44
12	Indian Creek	171	173	174	174	175	175	176	176	177	177	178
	Total	546	541	542	538	536	526	525	523	515	511	511

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON 1943

AUGUST

9	10	11	12	13	14	15	16	17	18	19	20	21	22
13	13	13	13	13	13	13	14	14	14	14	14	14	14
9	9	9	9	9	9	9	9	9	9	9	9	9	9
22	22	21	21	21	21	21	20	20	20	20	20	20	20
9	9	9	9	9	9	9	9	9	9	9	9	9	9
53	53	52	52	52	52	52	51	52	52	52	52	52	52
98	96	94	92	91	90	89	88	87	86	86	85	85	84
29	30	30	30	30	30	30	30	30	30	30	29	29	29
22	22	22	22	22	21	21	21	20	20	19	19	18	17
5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	9	11	16	17	23	29	30	36	37	35	41	44	49
109	106	103	100	97	94	91	87	83	79	75	71	67	63
147	148	149	150	151	152	153	154	155	156	157	158	159	160
524	522	518	519	517	519	522	518	520	517	511	512	511	511

SEPTEMBER

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
15	15	15	15	15	15	15	15	16	16	16	16	16	16	16
10	10	10	10	10	10	10	9	9	9	9	9	9	9	9
20	20	22	22	22	22	22	22	22	22	22	22	23	23	23
9	9	8	8	8	8	8	8	8	8	8	8	8	8	8
54	54	54	54	54	54	54	53	53	53	53	53	53	53	53
90	89	89	88	88	87	87	86	86	85	85	84	84	83	83
17	17	16	16	16	16	16	15	15	15	15	15	14	14	14
24	25	25	25	25	25	25	26	26	26	26	26	26	26	26
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
57	50	46	40	38	34	30	29	27	25	23	23	21	20	20
38	41	44	47	50	53	56	59	62	65	68	71	74	77	80
177	177	178	178	179	179	180	180	181	181	182	182	183	183	184
515	511	511	507	509	507	507	506	509	509	511	513	515	516	520

18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
14	14	14	14	14	14	14	14	14	14	14	14	14	14	419
9	9	9	9	9	9	9	9	9	9	9	9	9	9	279
20	20	20	20	20	20	20	20	20	20	20	20	20	20	645
9	9	9	9	9	9	9	9	9	9	9	9	9	9	279
52	52	52	52	52	52	52	52	52	53	53	53	53	54	1652
86	86	85	85	84	84	86	88	90	92	94	96	98	99	2898
30	30	29	29	29	29	28	27	26	25	24	23	22	20	872
20	19	19	18	17	16	16	17	17	18	19	20	21	22	635
5	5	5	5	5	5	5	5	5	5	5	5	5	5	155
37	35	41	44	49	53	58	64	71	80	83	88	91	94	1147
79	75	71	67	63	59	55	51	47	43	39	35	31	27	2377
56	157	158	159	160	161	162	163	164	165	166	167	168	169	4813
17	511	512	511	511	511	514	519	524	533	535	539	541	542	16171
18	19	20	21	22	23	24	25	26	27	28	29	30		
16	16	16	16	16	16	16	16	16	16	16	16	16		464
9	9	9	9	9	9	9	9	9	9	9	9	9		285
22	22	22	23	23	23	23	23	23	23	23	23	23		655
8	8	8	8	8	8	8	8	8	8	8	8	8		250
53	53	53	53	53	53	53	53	53	53	53	53	53		1610
85	85	84	84	83	83	82	81	80	79	78	77	76		2589
15	15	15	14	14	14	14	14	14	14	14	14	14		470
26	26	26	26	26	26	27	27	27	27	27	27	27		762
4	4	4	4	4	4	4	4	4	4	4	4	4		125
25	23	23	21	20	20	20	19	19	18	18	18	18		1303
65	68	71	74	77	80	83	86	89	92	95	98	101		1737
81	182	182	183	183	184	184	185	185	186	187	188	189		5402
09	511	513	515	516	520	523	525	527	529	532	535	538		15652

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)
TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN - BY MONTHS IN AC
IRRIGATION SEASON 1943

	APRIL	MAY	JUNE	JULY
Boise River at Diversion Dam	826,372	715,004	614,834	372,218
Deliveries to Canals	858,346	745,440	661,508	427,078
Tributary Gain	16,680	27,492	37,196	33,326
Seepage Gain	15,294	2,944	9,478	21,534
Net Gain	31,974	30,436	46,674	54,860

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE
CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS) TRIBUTARY GAIN, SEEPAGE

IRRIGATION SEASON 1943

	APRIL	MAY	JUNE	JULY
Boise River at Diversion Dam	13,773	11,532	10,247	6,003
Deliveries to Canals	14,306	12,023	11,025	6,888
Tributary Gain	278	443	620	537
Seepage Gain	255	48	158	348
Net Gain	533	491	778	885

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)
TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN - BY MONTHS IN AC
IRRIGATION SEASON 1943

	APRIL	MAY	JUNE	JULY
Boise River at Diversion Dam	826,372	715,004	614,834	372,218
Deliveries to Canals	858,346	745,440	661,508	427,078
Tributary Gain	16,680	27,492	37,196	33,326
Seepage Gain	15,294	2,944	9,478	21,534
Net Gain	31,974	30,436	46,674	54,860

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE
CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS) TRIBUTARY GAIN, SEEPAGE

IRRIGATION SEASON 1943

	APRIL	MAY	JUNE	JULY
Boise River at Diversion Dam	13,773	11,532	10,247	6,003
Deliveries to Canals	14,306	12,023	11,025	6,888
Tributary Gain	278	443	620	537
Seepage Gain	255	48	158	348
Net Gain	533	491	778	885

CHART # 9

PRIMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
 CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)
 TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN - BY MONTHS IN ACRE FEET
 IRRIGATION SEASON 1943

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
72	715,004	614,834	372,218	220,584	154,212	2,903,224
846	745,440	661,508	427,078	275,820	210,898	3,179,090
80	27,492	37,196	33,326	32,342	31,304	178,340
94	2,944	9,478	21,534	22,894	25,382	97,526
74	30,436	46,674	54,860	55,236	56,686	275,866

24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER AT DIVERSION DAM,
 (INCLUDING BOISE RIVER AT NOTUS) TRIBUTARY GAIN, SEEPAGE GAIN, AND NET GAIN

IRRIGATION SEASON 1943

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
73	11,532	10,247	6,003	3,557	2,570	47,682
06	12,023	11,025	6,888	4,448	3,515	52,205
78	443	620	537	522	521	2,921
55	48	158	348	369	424	1,602
33	491	778	885	891	945	4,523

Chart #10

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM, - CANAL DELIVERIES

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

SECTION 1

1943

	August	September	Total
Boise River at Diversion Dam	220584	154212	374796
Deliveries to Canals	231106	167322	398428
Tributary Gain	6548	6528	13076
Seepage Gain	3974	6582	10556
Net Gain	10522	13110	23632

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF

BOISE RIVER AT DIVERSION DAM, CANAL DELIVERIES, TRIBUTARY

GAIN, SEEPAGE GAIN, AND NET GAIN

SECTION 1

1943

	August	September	Total
Boise River at Diversion Dam	3558	2570	3064
Deliveries to Canals	3728	2789	3258
Tributary Gain	106	109	108
Seepage Gain	64	110	87
Net Gain	170	219	195

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE, CANAL DELIVERIES

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

SECTION 2

1943

	August	September	Total
Boise River at Caldwell High Line	408	238	646
Deliveries to Canals	35586	32498	68084
Tributary Gain	25794	24776	50570
Seepage Gain	9384	7484	16868
Net Gain	35178	32260	67438

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE

RIVER AT CALDWELL HIGH LINE, CANAL DELIVERIES, TRIBUTARY GAIN,

SEEPAGE GAIN AND NET GAIN

SECTION 2

1943

	August	September	Average
Boise River at Caldwell High Line	7	4	6
Deliveries to Canals	574	542	558
Tributary Gain	416	413	414
Seepage Gain	151	125	138
Net Gain	567	538	552

BOISE VALLEY CANALS AND ACREAGE

Board of Control (New York)		Lemp Ditch-Eagle Island	273	acres
New York Irrig. District.....	17,763	Canyon County.....	3,790	"
Boise-Kuna Irrig. District...	48,458	Warm Springs Slough....	461	"
Nampa-Meridian Irrig. Dist...	40,193	Joplin Ditch.....	103	"
Wilder Irrig. District.....	56,622	Conway & Hamming.....	285	"
Big Bend Irrig. District.....	1,725	Thos. Aiken.....	260	"
TOTAL BOARD OF CONTROL	164,761	Catlin & Mace.....	536	"
Ridenbaugh.....	26,747	Hart & Davis.....	550	"
Rein & Keoh (Included in Ridenbaugh)		Graham & Gilbert.....	220	"
Bahler.(Included in Ridenbaugh)		Seven Suckers.....	52	"
Bubb.....	745	Pioneer Irr. Dist.....	34,500	"
Meeves.....	90	Eureka Water Co.....	1,666	"
Rossi Mill.....	500	Franklin & Mason Creek.	4,010	"
Manville-Leonard.....	175	Farmers Co-op. Ditch Co.	15,500	"
Settlers.....	12,300	Canyon Ditch Co.....	802	"
Davis.....	770	Siebenberg Co-op.....	646	"
Thurman Mill.....	1,858	Riverside Irrig. Dist..	10,645	"
Cruzen.....	2,500	Pioneer Dixie.....	2,015	"
Boise City.....	1,903	Eureka Ditch Co.....	2,595	"
Farmer's Union.....	8,300	Upper Center Point.....	621	"
Boise Valley.....	2,729	Lower Center Point.....	845	"
Capital View.....	600	Bowman & Swisher.....	464	"
New Union.....	688	Marmom.....	908	"
New Dry Creek.....	3,056	Haas.....	427	"
Ballantine.....	758	Andrews.....	1,810	"
Middleton Water.....	5,704	Stockton.....	396	"
Middleton Mill Ditch Co.....	4,400	Niel O'Donnell.....	60	"
Little Pioneer.....	1,286	Island High Line.....	1,000	"
		TOTAL	325,310	"

DRAINAGE WATER (not diverted from Boise River)

Black Canyon Irrigation Dist.....	6,500	acres
Caldwell Irrigation District.....	850	"
Moreland & Vail (Dixie Drain).....	640	"
	7,990	"
	333,300	"

GRAND TOTAL

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. (February 14, 1941)

Ridenbaugh represents old lands within the Nampa and Meridian Irrigation District that are watered by the old Ridenbaugh water rights in the Stewart Decree. The balance of the Nampa and 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 FROM
BOISE RIVER BY BOISE VALLEY CANALS

1943

	Acre Feet Diverted	Acres Irrigated	Acre Feet Per Acre Diverted
*Board of Control	919,796	164,761	5.58
Penitentiary	2,062	429	4.81
Bubb	4,874	745	6.54
Ridenbaugh	161,430	27,000	5.98
Settlers	50,082	12,300	4.07
Thurman	9,098	1,858	4.90
Consumers (Cruzen)	6,884	2,500	2.75
Boise City Canal	9,966	1,903	5.24
Farmers Union & Wise	40,354	8,900	4.53
Boise Valley	15,802	2,729	5.79
New Union	3,896	688	5.66
New Dry Creek	18,080	2,720	6.65
Ballantine	3,962	700	5.66
Middleton Irrigation Ass'n.	38,602	5,704	6.77
Middleton Mill	16,760	4,400	3.81
Little Pioneer	7,994	1,286	6.22
Canyon County	19,968	3,790	5.27
7 Eagle Island Canals	11,394	2,363	4.82
Phyllis	117,060	23,500	4.98
Eureka #1	8,348	1,666	5.01
Galdwell High Line	17,618	4,010	4.39
Farmers Coop.	98,038	15,500	6.32
Canyon (Campbell)	5,510	802	6.87
Siebenberg	2,298	646	3.56
Riverside #2	54,118	10,645	5.08
Pioneer Dixie	12,706	2,015	6.31
Eureka #2	16,294	2,595	6.28
Upper Center Point	3,782	621	6.09
Lower Center Point	3,344	845	3.96
Miscellaneous	7,800	1,493	5.22
Total	1,687,920	309,114	5.46

*Board of Control Diversions include New York Canal Diversions for winter months.

CANAL	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
Ridenbaugh	4.14	3.38	4.49	4.47	4.27	5.15	4.82	5.44	3.51	5.43	4.33	5.29
Settlers	3.31	2.64	2.89	3.02	3.33	3.93	3.98	3.87	2.55	4.30	2.90	3.89
Farmers Union	4.32	3.46	4.55	3.61	3.83	5.71	5.55	6.12	3.42	6.27	3.37	5.97
Boise Valley	4.74	2.37	4.17	4.87	5.03	5.18	5.65	6.28	5.20	4.66	5.54	6.01
New Dry Creek	4.60	3.85	3.93	4.51	5.14	5.88	6.14	6.22	4.49	6.78	5.23	6.74
Ballantine	3.47	3.03	4.22	6.16	5.00	4.25	6.75	7.31	5.22	4.46	6.10	6.33
Middleton Irr. Assn.	3.75	2.78	4.57	3.68	4.27	4.95	5.44	5.18	4.58	6.08	4.20	6.57
Middleton Mill	4.65	4.83	4.70	4.65	4.71	4.65	7.45	8.23	4.28	8.64	4.40	7.50
Phyllis	4.95	5.12	4.92	4.94	4.74	5.25	5.26	5.69	2.78	5.71	3.20	5.25
Little Pioneer	5.15	4.25	4.59	4.64	5.29	4.53	5.17	6.13	4.98	7.32	5.93	5.79
Canyon County	4.76	3.74	4.23	4.02	3.79	6.30	6.15	6.01	4.99	5.20	5.00	5.73
Farmers Coop.	5.58	4.49	5.48	4.36	5.45	6.00	5.27	5.76	2.55	5.75	3.37	5.92
Canyon (Campbell)	3.34	3.25	2.94	2.68	2.68	3.60	2.84	3.80	2.57	3.24	2.45	3.37
Siebenberg	4.68	3.59	4.47	4.21	4.45	4.57	4.03	4.68	2.75	4.05	3.65	3.40
Pioneer Dixie	1.76	1.42	1.77	1.75	1.56	2.34	1.59	3.06	2.59	2.83	2.47	2.64
Eureka No. 2	4.15	3.58	4.36	4.79	5.21	5.53	5.25	6.40	4.94	4.60	4.71	4.68
Upper Center Point	5.13	3.69	4.75	5.15	4.58	4.48	5.46	5.56	5.03	3.88	3.63	2.83
Lower Center Point	1.41	1.18	1.94	1.57	2.50	1.57	1.36	2.18	2.32	1.94	2.01	1.71
Average	4.33	3.84	4.35	4.15	4.32	5.09	4.96	5.45	3.33	5.44	3.74	5.29

FOR EACH IRRIGATION SEASON FROM 1916

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
3	4.33	5.29	5.30	4.84	5.16	4.10	5.78	5.67	5.06	5.00	5.49	4.36	5.90	5.47	5.51	5.96	5.35	5.98
0	2.90	3.89	3.52	3.38	2.89	2.41	3.80	3.66	2.78	3.50	3.56	2.97	3.91	3.52	3.29	3.79	3.50	4.07
7	3.37	5.97	5.16	4.50	4.86	3.35	4.33	4.38	4.05	3.61	3.60	3.53	4.35	4.17	3.33	4.40	4.27	4.53
6	5.54	6.01	6.15	5.69	6.23	5.72	5.59	5.74	6.04	5.11	5.88	5.88	6.44	6.46	5.96	6.41	6.11	5.79
8	5.23	6.74	6.55	5.87	6.30	4.36	5.71	6.48	5.07	6.38	5.92	5.01	6.56	5.61	5.33	6.61	5.13	6.65
6	6.10	6.33	6.18	5.85	5.78	5.05	7.53	5.94	6.51	5.03	4.84	4.70	5.02	5.28	5.09	4.64	6.53	5.66
8	4.20	6.57	4.80	3.79	4.55	4.07	4.05	3.51	4.09	3.64	3.99	4.61	5.47	5.52	5.89	6.05	4.74	6.77
4	4.40	7.50	6.09	5.56	5.29	4.13	6.34	7.04	5.09	4.78	5.06	3.41	4.00	3.42	3.56	3.31	3.15	3.81
1	3.20	5.25	5.17	4.36	4.96	2.96	5.05	5.01	3.87	4.16	4.26	3.55	4.72	4.17	3.94	4.46	3.98	4.98
2	5.93	5.79	6.99	6.89	6.67	5.92	6.21	7.14	6.81	6.98	6.55	6.84	7.59	6.47	5.48	6.16	5.53	6.22
0	5.00	5.73	5.01	4.78	5.00	4.52	5.05	5.24	5.40	5.42	4.72	4.80	4.96	5.27	4.72	5.36	4.88	5.27
5	3.37	5.92	5.11	4.45	5.48	3.17	5.50	5.08	3.89	4.93	4.72	4.53	6.04	4.45	4.46	5.08	5.17	6.32
4	2.45	3.37	3.85	2.78	3.27	2.86	2.97	3.53	2.59	5.38	5.65	5.34	7.17	7.94	4.77	5.33	6.29	6.87
05	3.65	3.40	3.72	3.36	3.95	3.27	3.16	4.49	3.24	5.02	3.98	4.11	4.12	5.05	4.43	4.29	3.25	3.56
3	2.47	2.64	3.71	2.80	3.02	2.76	2.45	2.57	3.31	3.94	4.39	4.01	5.17	6.57	6.05	5.95	6.73	6.31
60	4.71	4.68	4.81	3.95	4.68	3.95	3.99	4.46	4.94	4.85	3.91	4.19	5.24	5.88	5.94	5.68	4.97	6.28
88	3.63	2.83	4.33	3.97	4.64	4.19	4.67	4.17	3.60	4.87	4.16	4.33	3.95	5.59	5.70	6.06	5.78	6.09
94	2.01	1.71	6.17	2.31	2.00	2.37	2.12	2.14	3.03	3.56	1.93	3.02	2.88	4.67	5.44	5.79	4.97	3.96
44	3.74	5.29	5.03	4.44	4.80	3.52	4.96	4.90	4.23	4.56	4.72	4.06	5.21	4.76	4.58	5.07	4.86	5.45

ERTED BY 18 CANALS FROM BOISE RIVER
ASON FROM 1916

1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
5.67	5.06	5.00	5.49	4.36	5.90	5.47	5.51	5.96	5.35	5.98
5.66	2.78	3.50	3.56	2.97	3.91	3.52	3.29	3.79	3.50	4.07
4.38	4.05	3.61	3.60	3.53	4.35	4.17	3.33	4.40	4.27	4.53
5.74	6.04	5.11	5.88	5.88	6.44	6.46	5.96	6.41	6.11	5.79
6.48	5.07	6.38	5.92	5.01	6.56	5.61	5.33	6.61	5.13	6.65
5.94	6.51	5.03	4.84	4.70	5.02	5.28	5.09	4.64	6.53	5.66
3.51	4.09	3.64	3.99	4.61	5.47	5.52	5.89	6.05	4.74	6.77
7.04	5.09	4.78	5.06	3.41	4.00	3.42	3.56	3.31	3.15	3.81
5.01	3.87	4.16	4.26	3.55	4.72	4.17	3.94	4.46	3.98	4.98
7.14	6.81	6.98	6.55	6.84	7.59	6.47	5.48	6.16	5.53	6.22
5.24	5.40	5.42	4.72	4.80	4.96	5.27	4.72	5.36	4.88	5.27
5.08	3.89	4.93	4.72	4.53	6.04	4.45	4.46	5.08	5.17	6.32
3.53	2.59	5.38	5.65	5.34	7.17	7.94	4.77	5.33	6.29	6.87
4.49	3.24	5.02	3.98	4.11	4.12	5.05	4.43	4.29	3.25	3.56
2.57	3.31	3.94	4.39	4.01	5.17	6.57	6.05	5.95	6.73	6.31
4.46	4.94	4.85	3.91	4.19	5.24	5.88	5.94	5.68	4.97	6.28
4.17	3.60	4.87	4.16	4.33	3.95	5.59	5.70	6.06	5.78	6.09
2.14	3.03	3.56	1.93	3.02	2.88	4.67	5.44	5.79	4.97	3.96
4.90	4.23	4.56	4.72	4.06	5.21	4.76	4.58	5.07	4.86	5.45

SUMMARY OF DIVERSIONS BY 18 CANALS FROM BOISE RIVER BEGINNING 1916

Acre Feet Diverted

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
66580	55066	58840	54720	38144	30380	13574	63910	35312	29258	44744	97480	27230
28312	117794	133652	112660	122736	139664	127630	114192	135124	124554	123594	127234	135380
44112	90580	128192	94400	127004	128168	119852	125390	97806	128286	137198	100320	129010
32372	49858	121656	67656	126410	115496	103810	98520	59454	120818	108706	71736	102930
3304	30106	97294	47762	101428	83036	72406	76562	36398	87472	80802	45442	75410
79264	31396	92954	44760	80726	70006	58590	61944	32244	68098	58160	34896	55207
13944	374800	612588	421958	596448	566750	498862	540518	396338	558486	553204	477108	525186

Acre Feet Diverted Per Acre

.59	.49	.52	.48	.34	.27	.12	.57	.31	.26	.40	.86	.24
1.14	1.04	1.19	1.00	1.09	1.24	1.15	1.01	1.20	1.11	1.10	1.13	1.18
.93	.80	1.14	.84	1.13	1.14	1.07	1.11	.87	1.14	1.22	.89	1.12
1.18	.44	1.08	.60	1.12	1.03	.93	.88	.53	1.07	.95	.64	.89
.91	.26	.86	.42	.90	.73	.65	.68	.32	.78	.72	.40	.65
.70	.28	.65	.40	.71	.62	.52	.55	.29	.60	.51	.31	.48
5.45	3.31	5.44	3.74	5.29	5.03	4.44	4.80	3.52	4.96	4.90	4.23	4.56

Rate in Miners Inches Per Acre Diverted

.15	.21	.43	.40	.28	.22	.10	.47	.25	.21	.33	.72	.20
.92	.87	.99	.83	.90	1.02	.94	.84	.99	.92	.92	.94	.99
.78	.67	.95	.70	.94	.94	.87	.92	.71	.95	1.02	.74	.94
.95	.37	.90	.50	.93	.85	.76	.73	.44	.89	.79	.53	.75
.75	.22	.72	.35	.75	.60	.53	.57	.26	.65	.60	.33	.54
.56	.23	.54	.33	.59	.51	.42	.46	.24	.50	.42	.26	.40
.75	.46	.75	.52	.73	.69	.60	.66	.48	.69	.68	.59	.64

Percent During Each Month

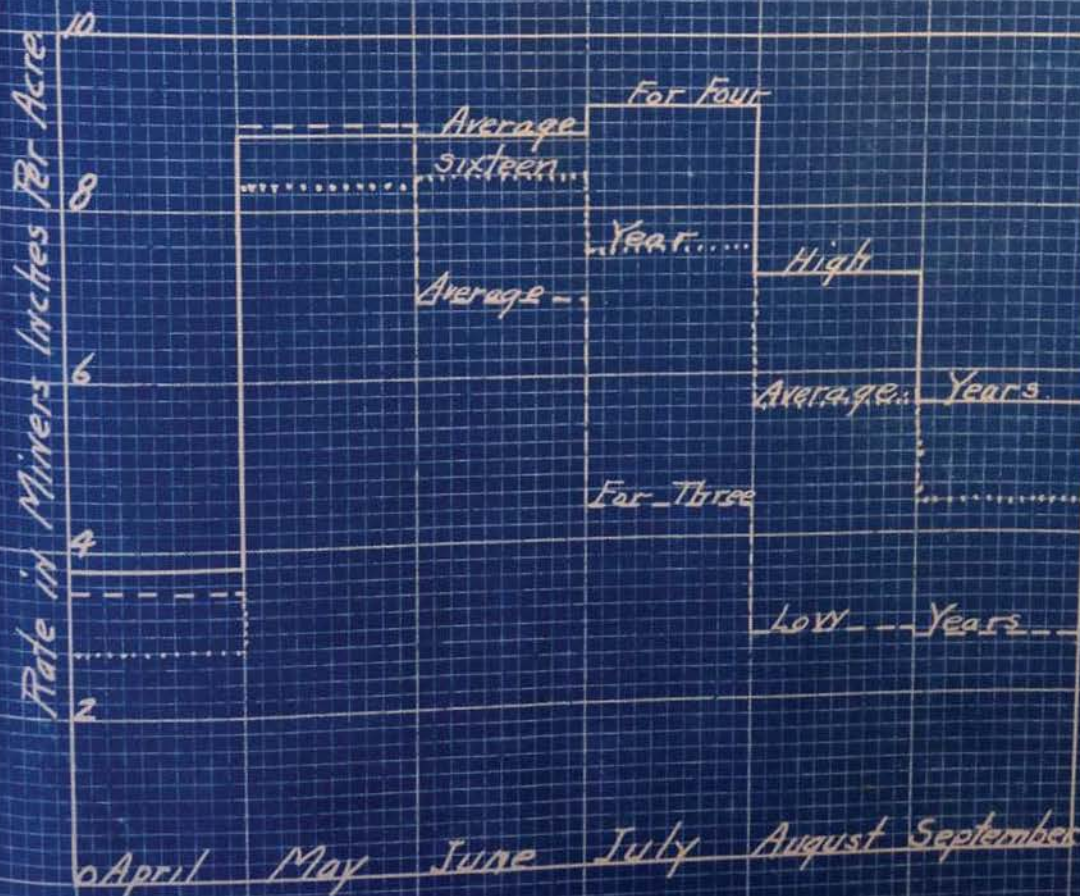
[illegible]

[illegible]

Chart 16.

CHART SHOWING HEADGATE DUTY OF WATER IN MINERS INCHES PER ACRE FOR 18 BOISE VALLEY CANALS.

— Average For Four High Years 1921-23-25-27.
- - - Average For Three Low Years 1924-26-31.
..... Average For Sixteen Year Period 1916-31 inclusive.



TOTAL MONTHLY DIVERSIONS IN ACRE FEET
CANALS IN DRAINAGE DISTRICT NO. 2 FOR
IRRIGATION SEASON OF 1943

Canals	April	May	June	July	August	September
Farmers Union and Wise	2568	7826	8238	7512	7770	644
Boise Valley	696	3266	3106	3454	3110	2170
New Dry Creek	996	3830	3906	3256	3578	2514
New Union	162	502	828	924	812	668
Ballantine	112	630	684	1062	884	590
Little Pioneer	72	1328	1792	2122	1386	1294
Middleton Irrigation Ass'n.	2076	10530	9078	7244	6678	2996
Middleton Mill	330	3236	3150	3872	3560	2612
Canyon County	500	3252	3916	4138	4486	3676
Totals	7512	34400	34698	33584	32264	22960

TOTAL MONTHLY FLOW IN ACRE FEET,
OF DRAINS IN DRAINAGE DISTRICT NO. 2
SEASON 1943

Drains	April	May	June	July	August	September
Eagle Drain	1710	2146	2826	3692	3304	3220
Star Feeder	0	956	994	2544	3462	3288
Watts	0	1070	778	1646	1306	1368
Long Feeder	0	888	1078	1794	332	280
So. Middleton Drain	3444	5496	7704	6612	5796	5178
No. Middleton Drain	940	1622	2962	1774	1744	940
Hartley Drain	676	1122	962	1364	1270	1524
Totals	6770	13300	17304	19426	17214	15798

TOTAL MONTHLY DIVERSIONS IN ACRE FEET, OF
CANALS IN DRAINAGE DISTRICT NO. 2 FOR 29,000 ACRES
IRRIGATION SEASON OF 1943

Chart # 17

June	July	August	September	Total
8238	7512	7770	6440	40354
3106	3454	3110	2170	15802
3906	3256	3578	2514	18080
828	924	812	668	3896
684	1062	884	590	3962
1792	2122	1386	1294	7994
9078	7244	6678	2996	38602
3150	3872	3560	2612	16760
3916	4138	4486	3676	19968
34698	33584	32264	22960	165418

SUMMARY TABLE

Year	Canal Diversion	Drain Discharge	Used, Retain and Winter r
1922	6.38	2.90	3.48
1923	6.95	2.99	3.96
1924	5.03	2.59	2.44
1925	6.21	2.42	3.79
1926	4.92	1.97	2.95
1927	6.28	2.62	3.66
1928	6.08	2.78	3.30
1929	5.46	2.27	3.19
1930	5.97	2.61	3.36
1931	5.06	1.99	3.07
1932	5.73	2.36	3.37
1933	5.09	2.36	3.73
1934	4.59	2.41	2.18
1935	4.88	2.27	2.61
1936	4.86	2.55	2.31
1937	4.73	2.37	2.36
1938	5.40	2.84	2.66
1939	5.26	2.32	2.94
1940	4.90	2.51	2.39
1941	5.51	2.80	2.71
1942	5.14	2.72	2.42
1943	5.70	3.10	2.60

TOTAL MONTHLY FLOW IN ACRE FEET,
OF DRAINS IN DRAINAGE DISTRICT NO. 2

SEASON 1943

June	July	August	September	Total
2826	3692	3304	3220	16898
994	2544	3462	3288	11244
778	1646	1306	1368	6168
1078	1794	332	280	4372
7704	6612	5796	5178	34230
2962	1774	1744	940	9982
962	1364	1270	1524	6918
17304	19426	17214	15798	89812

LY DIVERSIONS IN ACRE FEET, OF
 AGE DISTRICT NO. 2 FOR 29,000 ACRES
 IIGATION SEASON OF 1943

Chart # 17

August	September	Total
7770	6440	40354
3110	2170	15802
3578	2514	18080
812	668	3896
884	590	3962
1386	1294	7994
6678	2996	38602
3560	2612	16760
4486	3676	19968
32264	22960	165418

SUMMARY TABLE

Year	Canal Diversion	Drain Discharge	Used, Retained and Winter runoff
1922	6.38	2.90	3.48
1923	6.95	2.99	3.96
1924	5.03	2.59	2.44
1925	6.21	2.42	3.79
1926	4.92	1.97	2.95
1927	6.28	2.62	3.66
1928	6.08	2.78	3.30
1929	5.46	2.27	3.19
1930	5.97	2.61	3.36
1931	5.06	1.99	3.07
1932	5.73	2.36	3.37
1933	5.09	2.36	3.73
1934	4.59	2.41	2.18
1935	4.88	2.27	2.61
1936	4.86	2.55	2.31
1937	4.73	2.37	2.36
1938	5.40	2.84	2.66
1939	5.26	2.32	2.94
1940	4.90	2.51	2.39
1941	5.51	2.80	2.71
1942	5.14	2.72	2.42
1943	5.70	3.10	2.60

THLY FLOW IN ACRE FEET,
 DRAINAGE DISTRICT NO. 2
 EASON 1943

ly	August	September	Total
92	3304	3220	16898
44	3462	3268	11244
46	1306	1368	6168
94	332	280	4372
612	5796	5178	34230
774	1744	940	9982
364	1270	1524	6918
426	17214	15798	89812

SUMMARY SHOWING RETURN

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
April		447	939		1093	822	441	1075	903	650	412	681
May		861	1192	1214	1247	1008	629	1475	741	1228	644	350
June		545	1191	1341	1281	1048	817	880	963	1200	594	1123
July	465	498	1006	1179	756	598	697	888	836	877	372	935
August	276	381	727	690	785	558	630	811	713	800	341	799
September	469	460	739	715	938	549	596	814	618	863	311	880
Average	403	533	964	1027	1011	763	635	990	795	739	446	794

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
April												
May												
June												
July												
August	139	122			227	252					243	
September	70	130	194	254	270	233	203	285	242		180	
	201	150	199	225	263	248	118	267	239	286	176	328
Average	123	137	196	242	260	242	178	281	180	344	134	323
									213	315	183	325

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
April												
May												
June												
July												
August	357	249			431	352					339	
September	213	245	503	425	503	325	426	526	547		192	
	280	300	540	386	500	307	420	512	474	574	165	470
Average	275	281	521	409	490	328	424	519	439	613	177	560
									467	593	218	515

SUMMARY SHOWING RETURN

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
April		447	939		1093	822	441	1075	903	650	412	681
May		661	1192	1214	1247	1008	629	1475	741	1228	644	350
June		545	1191	1341	1281	1048	817	880	963	1200	594	1123
July	465	498	1006	1179	756	598	697	888	836	877	372	935
August	276	381	727	690	785	558	630	811	713	800	341	799
September	469	460	739	715	938	549	596	814	618	863	311	880
Average	403	533	964	1027	1011	763	635	990	795	739	446	794

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
April												
May												
June												
July	139	122			227	252					243	
August	70	130	194	254	270	233	203	285	242		180	
September	201	150	199	225	263	248	118	267	239	286	176	328
Average	123	137	196	242	260	242	178	281	180	344	134	323
									213	315	183	325

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
April												
May												
June												
July	357	249			431	352					339	
August	213	245	503	425	503	325	426	526	547		192	
September	280	300	540	386	500	307	420	512	474	574	165	470
Average	275	281	521	409	490	328	424	519	439	613	177	560
									467	593	218	515

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

RETURN FLOW TO ENTIRE RIVER

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
650	412	681	304	711	839	467	214	336	423	488	348	212	185	357	5
1228	644	350	638	860	983	600	758	670	1825	1300	724	815	976	685	13
1200	594	1123	588	946	1140	1077	869	694	1243	929	839	1204	1147	987	13
877	372	935	412	902	706	538	673	386	980	658	515	669	735	598	12
800	341	799	376	728	552	483	626	345	555	551	374	504	589	464	7
863	311	880	496	839	698	571	658	384	581	540	454	505	713	473	8
739	446	794	469	831	820	623	643	469	934	744	542	652	725	594	10

RETURN FLOW TO SECTION ONE

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	243		214												
	180		137		222	137	260	158	336	216	204	257	343	273	
286	176	328	144	272	187	170	230	157	183	247	110	201	294	185	24
344	134	323	209	247	257	184	262	167	183	177	168	197	377	168	2
315	183	325	176	260	222	164	251	161	234	213	161	218	338	208	2

RETURN FLOW TO SECTION TWO

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	339		343												
	192		275		459	398	414	228	623	409	314	412	438	326	511
574	165	470	232	455	365	313	395	188	372	325	264	305	329	280	590
613	177	560	287	592	442	412	396	217	398	361	286	308	376	305	
593	218	515	284	524	422	374	401	211	464	365	288	341	381	303	550

Chart No. 18

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
29	274	336	423	488	348	212	185	357	593	259	607	547	558	533
467	758	670	1825	1300	724	815	976	685	1355	956	955	1269	1091	491
600	869	694	1243	929	839	1204	1147	987	1373	875	879	1334	1000	778
977	673	386	980	658	515	669	735	598	1213	605	637	746	648	885
538	626	345	555	551	374	504	589	464	753	505	535	746	637	891
183	658	384	581	540	454	505	713	473	823	660	716	840	681	945
571	643	469	934	744	542	652	725	594	1018	643	721	914	769	754
623														

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
29	260	158	336	216	204	257	343	273			213	290	92	
137	230	157	183	247	110	201	294	185	242	246	212	269	227	170
170	262	167	183	177	168	197	377	168	233	221	222	267	190	219
184	251	161	234	213	161	218	338	208	238	249	216	275	169	195
164										239				

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
29	414	228	623	409	314	412	438	326		358	422	479	556	
398	395	188	372	325	264	305	329	280	511	281	323	482	409	567
313	396	217	398	361	286	308	376	305	590	411	494	578	491	538
412														
374	401	211	464	365	288	341	381	303	550	350	413	513	485	552

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT NO. 3 for 4200 ACRES

SEASON OF 1943

	April	May	June	July	August	September	Total	Sum Acre Feet
Average Daily Flow in Second Feet	9.0	12.0	14.3	12.9	13.5	15.5	12.9	1925
Total Monthly Flow in Acre Feet	540.0	746.0	860.0	798.0	838.0	928.0	4710.0	1926
Acre Feet Per Acre	.13	.18	.21	.19	.20	.22	1.12	1927

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

SEASON OF 1943

	April	May	June	July	August	September	Total	Sum Acre Feet
Average Daily Flow in Second Feet	10.0	13.0	18.3	26.9	20.8	21.1	18.6	1925
Total Monthly Flow in Acre Feet	600.	808.	1134.	1670.	1290.	1310.	6812.	1926
Acre Feet Per Acre	.24	.32	.45	.67	.52	.52	2.72	1927

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT NO. 3 for 4200 ACRES

SEASON OF 1943

April	May	June	July	August	September	Total	Summary Table	
							Acre	Feet Per Acre
9.0	12.0	14.3	12.9	13.5	15.5	12.9	1925	1.43
							1926	1.03
							1927	1.29
540.0	746.0	860.0	798.0	838.0	928.0	4710.0	1928	1.15
							1929	1.16
.13	.18	.21	.19	.20	.22	1.12	1930	.96

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

SEASON OF 1943

[illegible]

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

(Capacities derived from inflow and outflow. Compiled by W. G. Steward,
U.S.R.S., January 1918. Revised by W. H. Tuller, Boise Project
Board of Control, 1935)

Elev.	Storage in Acre Feet	Tabular Differ- ence	:	Elev.	Storage in Acre Feet	Tabular Differ- ence
			:			
			:	3001	1250	90
			:	2	1340	90
			:	3	1440	100
			:	4	1540	100
			:	5	1640	100
			:	3006	1740	100
			:	7	1850	110
			:	8	1960	110
			:	9	2060	120
			:	10	2210	130
			:	3011	2340	130
			:	12	2470	130
			:	13	2610	140
			:	14	2760	150
			:	15	2910	150
			:	3016	3070	160
			:	17	3240	170
			:	18	3420	180
			:	19	3600	180
2974	0		:	20	3800	200
75	20	20	:	3021	4000	200
2976	40	20	:	22	4200	200
77	60	20	:	23	4400	200
78	80	20	:	24	4600	200
79	100	20	:	25	4800	200
80	120	20	:	3026	5010	210
2981	140	20	:	27	5220	210
82	170	30	:	28	5430	210
83	200	30	:	29	5650	220
84	230	30	:	30	5870	220
85	270	40	:	3031	6090	220
2986	310	40	:	32	6310	220
87	350	40	:	33	6530	220
88	400	50	:	34	6770	240
89	450	50	:	35	7010	240
90	500	50	:	3036	7250	240
2991	560	60	:	37	7490	240
92	620	60	:	38	7750	260
93	680	60	:	39	8010	260
94	740	60	:	40	8270	260
95	800	60	:	3041	8550	280
2996	870	70	:	42	8850	300
97	940	70	:	43	9170	320
98	1010	70	:	44	9510	340
99	1080	70	:	45	9870	360
3000	1160	80	:			

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR Chart 20-A

(Capacities derived from inflow and outflow. Compiled by W. G. Steward
U.S.R.S., January 1918. Revised by W. H. Tuller, Boise Project
Board of Control, 1935)

Elev.	Storage in Acre Feet	Tabular Differ- ence	:	Elev.	Storage in Acre Feet	Tabular Differ- ence
3046	10260	390	:	3091	39500	1000
47	10660	400	:	92	40500	1000
48	11070	410	:	93	41500	1000
49	11490	420	:	94	42500	1000
50	11920	430	:	95	43500	1000
3051	12360	440	:	3096	44600	1100
52	12810	450	:	97	45700	1100
53	13270	460	:	98	46800	1100
54	13740	470	:	99	47900	1100
55	14220	480	:	3100	49000	1100
3056	14710	490	:	3101	50200	1200
57	15210	500	:	2	51400	1200
58	15720	510	:	3	52600	1200
59	16240	520	:	4	53800	1200
60	16770	530	:	5	55000	1200
3061	17310	540	:	3106	56300	1300
62	17860	550	:	7	57600	1300
63	18420	560	:	8	58900	1300
64	18990	570	:	9	60200	1300
65	19570	580	:	10	61500	1300
3066	20170	600	:	3111	62800	1300
67	20790	620	:	12	64100	1300
68	21420	630	:	13	65400	1300
69	22070	650	:	14	66700	1300
70	22730	660	:	15	68000	1300
3071	23400	670	:	3116	69400	1400
72	24090	690	:	17	70800	1400
73	24790	700	:	18	72200	1400
74	25500	710	:	19	73600	1400
75	26220	720	:	20	75000	1400
3076	26950	730	:	3121	76500	1500
77	27690	740	:	22	78000	1500
78	28450	760	:	23	79500	1500
79	29220	770	:	24	81000	1500
80	30000	780	:	25	82500	1500
3081	30800	800	:	3126	84100	1600
82	31600	800	:	27	85700	1600
83	32400	800	:	28	87300	1600
84	33200	800	:	29	88900	1600
85	34000	800	:	30	90500	1600
3086	34900	900	:	3131	92200	1700
87	35800	900	:	32	93900	1700
88	36700	900	:	33	95600	1700
89	37600	900	:	34	97300	1700
90	38500	900	:	35	99000	1700

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

Chart 20-B

(Capacities derived from inflow and outflow. Compiled by W. G. Steward
U.S.R.S., January 1918. Revised by W. H. Tuller, Boise Project
Board of Control, 1935)

Elev.	Storage in Acre Feet	Tabular Differ- ence	:	Elev.	Storage in Acre Feet	Tabular Differ- ence
3136	100700	1700	:	3181	191900	2400
37	102400	1700	:	82	194300	2400
38	104100	1700	:	83	196700	2400
39	105800	1700	:	84	199100	2400
40	107500	1700	:	85	201500	2400
3141	109300	1800	:	3186	204000	2500
42	111100	1800	:	87	206500	2500
43	112900	1800	:	88	209000	2500
44	114700	1800	:	89	211500	2500
45	116500	1800	:	90	214000	2500
3146	118400	1900	:	3191	216600	2600
47	120300	1900	:	92	219200	2600
48	122200	1900	:	93	221800	2600
49	124100	1900	:	94	224400	2600
50	126000	1900	:	95	227000	2600
3151	128000	2000	:	3196	229600	2600
52	130000	2000	:	97	232200	2600
53	132000	2000	:	98	234800	2600
54	134000	2000	:	99	237400	2600
55	136000	2000	:	3200	240000	2600
3156	138000	2000	:	3201	242800	2800
57	140000	2000	:	2	245600	2800
58	142000	2000	:	3	248400	2800
59	144000	2000	:	4	251200	2800
60	146000	2000	:	5	254000	2800
3161	148100	2100	:	3206	256900	2900
62	150200	2100	:	7	259800	2900
63	152300	2100	:	8	262700	2900
64	154400	2100	:	9	265600	2900
65	156500	2100	:	10	268500	2900
3166	158600	2100	:	3211	271500	3000
67	160700	2100	:	12	274500	3000
68	162800	2100	:	13	277500	3000
69	164900	2100	:	14	280500	3000
70	167000	2100	:	15		3000
3171	169200	2200	:			
72	171400	2200	:			
73	173600	2200	:			
74	175800	2200	:			
75	178000	2200	:			
3176	180300	2300	:			
77	182600	2300	:			
78	184900	2300	:			
79	187200	2300	:			
80	189500	2300	:			

2967 C. L. of Sluice Gates
3018 C. L. of Lower Valves
3105 C. L. of Upper Valves
3205 Crest of Spillway Weir
3211 Top of Moveable Crest

ADDITIONAL DECREES BOISE RIVER.

Intervenors "Stewart Decree".

Number	Date	Name	Canal	Amount Decreed	
				Sec. Ft.	Inches.
66A	4-1-1878	J.S. Kraus	Ballantine	.80	40.
129A	4-1-1897	H.E. Plain	Dry Creek	.54	27
66C	4-1-1878	J.W. Kolander	Ballantine	1.40	70
66D	4-1-1878	M.T. Griffith	Ballantine	.80	40
73A	4-1-1880	Goble + Songer	Dry Creek	.54	27
75A	6-1-1880	C.B. Frank	Dry Creek	.816	40.80
136	5-1-1906	H.E. Wymer	Ballantine	.356	17.80
85A	6-1-1882	Leo Marsters	Warm Springs	1.60	80.
137	5-1-1909	B.P. Weaverling		1.60	80
138	6-14-1912	Wesley A. Moe		.40	20
85C	5-1-1883	Wm. Huckba	Dry Creek	.203	10.15
85D	5-1-1883	C.H. Schmelzer	Ballantine	.7506	37.53
85E	5-1-1883	C.W. McChurg	Dry Creek	.35	17.50
124A	5-1-1893	W.D. Charters	"	1.00	50.
85B	4-1-1883	Jacob Bingham	Settlers	1.00	50.
77A	4-15-1882	Roc Helms	Riverside Irrig. D.	3.674	183.70
8A	4-1-1865	Adolph Bahler	Bahler	.80	40.
47A	4-1-1870	"	"	.80	40
35A	6-1-1867	Ralph T. Knight	Canyon County	1.76	88.
116A	6-1-1890	Anna Spencer	Riverside Irrig. D.	.72	36
116B	6-1-1890	Willis B. Spencer	"	.10	5
116C	6-1-1890	Rebecca Bell	"	.40	20
114A	5-1-1889	Neil + Patrick O'Donnell	O'Donnell + Barth	1.60	80
114B	5-1-1889	Gus A. Barth	"	.80	40
77A	6-1-1881	Gus A. Barth	Parma Ditch Co	1.60	80
77B	6-1-1881	Charles Juries	"	.34	17
77C	6-1-1881	James Finlay	"	.80	40
77D	6-1-1881	Lester J. Shippy	"	1.30	65
31A	6-1-1866	Wm. Musser	Lawrence + Kennedy	2.30	115
31B	6-1-1866	Minnie + Jerry Couzens	Middleton Water	.60	30
31C	6-1-1866	Albert C. Bowerman	Lawrence + Kennedy	1.10	55
71A	4-1-1879	Island Highline Ditch Co.		3.00	150
137A	4-1-1910	"	"	7.00	350
139	4-1-1915	"	"	10.00	500
75A	1880	Albert Lemp et al	Larsen-Baxter + Lemp	3.20	160
29A	1865	Louise Stromanson	Lemp Ditch Eagle Island	6.00	300
8B	4-1-1865	First Nat. Bank of Pueblo	Bubb	1.80	90
29B	1865	St. Hardies + Arnela Easley	"	.50	25
51A	1870	"	"	1.00	50
116-A	1889	"	"	.84	42

Intervenors "Stewart Decree".

Chart 21.

er	Date	Name	Canal	Amount Decreed		Dept of Rec File No
				Sec. Ft.	Inches.	
A	4-1-1878	J.S. Kraus	Ballantine	.80	40.	373
	4-1-1897	H.E. Plain	Dry Creek.	.54	27	373
	4-1-1878	J.W. Kolander	Ballantine	1.40	70	373
	4-1-1878	M.T. Griffith	Ballantine	.80	40	373
	4-1-1880	Goble + Songer	Dry Creek	.54	27	373
	6-1-1880	C.B. Frank	Dry Creek	.816	40.80	380
	5-1-1906	H.E. Wymer	Ballantine	.356	17.80	325
	6-1-1882	Leo Marsters	Warm Springs	1.60	80.	324
	5-1-1909	B.P. Weaverling		1.60	80	294
	6-14-1912	Wesley A Mace		.40	20	293
	5-1-1883	Wm Huckba	Dry Creek	.203	10.15	321
	5-1-1883	C.H. Schmelzer	Ballantine	.7506	37.53	320
	5-1-1883	C.W. McChurg	Dry Creek	.35	17.50	319
	5-1-1893	W.D. Charters	"	1.00	50.	318
	4-1-1883	Jacob Bingham	Settlers	1.00	50.	317
	4-15-1882	Roc Helms	Riverside Irrig. D.	3.674	183.70	295
	4-1-1865	Adolph Bahler	Bahler	.80	40.	412
	4-1-1870	"	"	.80	40	412
	6-1-1867	Ralph T Knight	Canyon County	1.76	88.	419
	6-1-1890	Anna Spencer	Riverside Irrig. D.	.72	36	12A MISC.
	6-1-1890	Willis B Spencer	"	.10	5	"
	6-1-1890	Rebecca Bell	"	.40	20	"
	5-1-1889	Neil + Patrick O'Donnell	O'Donnell + Barth	1.60	80	466
	5-1-1889	Gus A Barth	"	.80	40	467
	6-1-1881	Gus A Barth	Parma Ditch Co	1.60	80	467
	6-1-1881	Charles Juries	"	.34	17	467
	6-1-1881	James Finlay	"	.80	40	467
	6-1-1881	Lester J Shippy	"	1.30	65	467
	6-1-1866	Wm Musser	Lawrence + Kennedy	2.30	115	482
	6-1-1866	Minnie Jerry Couzens	Middleton Water	.60	30	482
	6-1-1866	Albert C. Bowerman	Lawrence + Kennedy	1.10	55	482
	4-1-1879	Island Highline Ditch Co.		3.00	150	491
	4-1-1910	"	"	7.00	350	491
	4-1-1915	"	"	10.00	500	491
	1880	Albert Lemp et al	Larsen-Baxter + Lemp	3.20	160	496
	1865	Louise Stomonson	Lemp Ditch Eagle Island	6.00	300	496
	4-1-1865	First Nat. Bank of Pueblo	Bubb	.180	90	497
	1865	S.G. Hardies + Amelia Easley	"	.50	25	498
	1870	"	"	1.00	50	498
	1889	"	"	.84	42	498

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREED RIGHT

No. of Change of Point of Diversion	Point of Diversion		Date of Change	Priority		No. of Acres
	From	To		No.	Date	
3		Eureka No. 2	4-2-1912	96	10-1-87	80
9			7-31-1912			
29		Canyon County	8-26-1918			50
32		Davis Ditch	7-15-1919			
35		Riverside	4-3-1919			160
36	Canyon County	Middleton Water	4-12-1918	35	6-1-67	
38	Hart & Davis	Seven Suckers	9-24-1915			
39	Hart & Davis	Seven Suckers	6-12-1918			
48	Pioneer Dixie		9-26-1918			
50	Lower Cen. Point	Bowman & Swisher	3-31-1920	19	6-1-65	
51	Lower Cen. Point	Bowman & Swisher	3-31-1920	20	6-1-65	
54	Canyon County	Middleton Mill	4-24-1920	35	6-1-67	
57	Middleton Water	Ballantine	12-2-1920	65	6-1-77	35
59	Kennedy	Canyon County	3-18-1921	31	6-1-66	
61	Kennedy & Lawrence	Middleton Water	6-22-1921			
64	Ballantine	Dry Creek	12-21-1921			
75	Middleton Mill	Canyon County	11-25-1924			
76		Settlers	3-12-1925	85B	4-1-83	
77	Bubb	Bahler	4-26-1925	8A	4-1-65	80
77	Bubb	Bahler	4-26-1925	47A	4-1-70	
83	Warm Springs	Settlers	4-29-1926			
84	Middleton Water	Farmers Union	3-9-1926	65	6-1-77	
85	Upper Center Point	Eureka No. 2	5-7-1926			
91	Ballantine	Dry Creek	6-23-1926	103		
103	Parma Ditch	Parma Ditch	10-3-1928			
126	Lawrence & Kennedy	Middleton Water	3-25-1931		6-1-66	
127	Bowman & Swisher	Larsen Baxter & Lemp	8-15-1930		6-1-65	
131	Eureka No. 2	Lower Cen. Point	1-16-1932		9-9-83	
140	Ballantine	New Dry Creek	4-23-1934	85D	5-1-83	
141	Fischer Power	Fischer Power	12-18-1934		7-19-12	
147	Mid Mill	Canyon County	1-8-1936		6-1-67	
148	Pioneer Dixie	Upper Cen. Point No. 1	4-17-1936	96	10-1-87	
151	New Dry Creek	Ballantine	2-10-1937		5-1-93	
152	Bahler Ditch	Ridenbaugh Canal	5-15-1937		5-1-70	
153	Rein-Keogh-Bahler	Ridenbaugh Canal	5-15-1937		5-1-95	
154	Bahler Ditch	Ridenbaugh Canal	5-15-1937		4-1-65	
159	Upper Center P.	Eureka No. 2	5-27-1939		6-1-65	
161	Ballantine	New Dry Creek	5-5-1940		6-1-88	
174	Ballantine	New Dry Creek	28-3-1944	103	6-1-88	

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREED RIGHT

No. of Change of Point of Diversion	Point of Diversion		Date of Change	Priority		No. of Acres
	From	To		No.	Date	
3		Eureka No. 2	4-2-1912	96	10-1-87	80
9			7-31-1912			
29		Canyon County	8-26-1918			50
32		Davis Ditch	7-15-1919			160
35		Riverside	4-3-1919			
36	Canyon County	Middleton Water	4-12-1918	35	6-1-67	
38	Hart & Davis	Seven Suckers	9-24-1915			
39	Hart & Davis	Seven Suckers	6-12-1918			
48	Pioneer Dixie		9-26-1918			
50	Lower Cen. Point	Bowman & Swisher	3-31-1920	19	6-1-65	
51	Lower Cen. Point	Bowman & Swisher	3-31-1920	20	6-1-65	
54	Canyon County	Middleton Mill	4-24-1920	35	6-1-67	
57	Middleton Water	Ballantine	12-2-1920	65	6-1-77	35
59	Kennedy	Canyon County	3-18-1921	31	6-1-66	
61	Kennedy & Lawrence	Middleton Water	6-22-1921			
64	Ballantine	Dry Creek	12-21-1921			
75	Middleton Mill	Canyon County	11-25-1924			
76		Settlers	3-12-1925	85B	4-1-83	
77	Bubb	Bahler	4-26-1925	8A	4-1-65	80
77	Bubb	Bahler	4-26-1925	47A	4-1-70	
83	Warm Springs	Settlers	4-29-1926			
84	Middleton Water	Farmers Union	3-9-1926	65	6-1-77	
85	Upper Center Point	Eureka No. 2	5-7-1926			
91	Ballantine	Dry Creek	6-23-1926	103		
103	Parma Ditch	Parma Ditch	10-3-1928			
126	Lawrence & Kennedy	Middleton Water	3-25-1931		6-1-66	
127	Bowman & Swisher	Larsen Baxter & Lemp	8-15-1930		6-1-65	
131	Eureka No. 2	Lower Cen. Point	1-16-1932		9-9-83	
140	Ballantine	New Dry Creek	4-23-1934	85D	5-1-83	
141	Fischer Power	Fischer Power	12-18-1934		7-19-12	
147	Mid Mill	Canyon County	1-8-1936		6-1-67	
148	Pioneer Dixie	Upper Cen. Point No. 1	4-17-1936	96	10-1-87	
151	New Dry Creek	Ballantine	2-10-1937		5-1-93	
152	Bahler Ditch	Ridenbaugh Canal	5-15-1937		5-1-70	
153	Rein-Keogh-Bahler	Ridenbaugh Canal	5-15-1937		5-1-95	
154	Bahler Ditch	Ridenbaugh Canal	5-15-1937		4-1-65	
159	Upper Center P.	Eureka No. 2	5-27-1939		6-1-65	
161	Ballantine	New Dry Creek	5-5-1940		6-1-88	
174	Ballantine	New Dry Creek	28-3-1944	103	6-1-88	

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

To	Date of Change	Priority		No. of Acres	Quantity in Inches	By Whom
		No.	Date			
ka No. 2	4-2-1912	96	10-1-87	80		Thos. T. Johnston
on County	7-31-1912					Albert F. Clemons
a Ditch	8-26-1918					J. C. Hughes
side	7-15-1919	35	6-1-67	160	50	Ed Davis
leton Water	4-3-1919				100	Rebecca Bell
a Suckers	4-12-1918				19	Draper & Others
a Suckers	9-24-1915				52	Shafer & Others
	6-12-1918					George Rambo
	9-26-1918					Jas. D. Ruark
an & Swisher	3-31-1920	19	6-1-65	35	144	John S. Swisher
an & Swisher	3-31-1920	20	6-1-65		320	Bird Bowman
leton Mill	4-24-1920	35	6-1-67		55½	H. G. Dudley
antine	12-2-1920	65	6-1-77		30	Edward McClintick
on County	3-18-1921	31	6-1-66		130	W. Kennedy
leton Water	6-22-1921				33½	Minnie Couzens
Creek	12-21-1921				10	Harry Seavey
on County	11-25-1924				25	Detweed Etc. Bank
lers	3-12-1925	85B	4-1-83	80	50	Jacob Bingham
er	4-26-1925	8A	4-1-65		40	Adolph Bahler
er	4-26-1925	47A	4-1-70		40	Adolph Bahler
lers	4-29-1926				36	Leo Marsters
ers Union	3-9-1926	65	6-1-77		40	J. C. Ralph
ka No. 2	5-7-1926				25	J. C. Bruce
Creek	6-23-1926	103			32½	Ira E. Barber
a Ditch	10-3-1928					Charles Jurries
leton Water	3-25-1931		6-1-66		115	Wm. Musser
en Baxter & Lemp	8-15-1930		6-1-65		40	Wm. Baxter
r Gen. Point	1-16-1932		9-9-83		35	R. E. McGuire
Dry Creek	4-23-1934	85D	5-1-83		3	Chas. H. Schmelsner
her Power	12-18-1934		7-19-12			Fischer Power Only
on County	1-8-1936		6-1-67		10	Cora M. Clifton
r Gen. Point No. 1	4-17-1936	96	10-1-87		75	Dora Greer
antine	2-10-1937		5-1-93		6½	J. H. Cons
nbaugh Canal	5-15-1937		5-1-70		40	Adolph Bahler
nbaugh Canal	5-15-1937		5-1-95		50	Adolph Bahler
nbaugh Canal	5-15-1937		4-1-65		40	Adolph Bahler
ka No. 2	5-27-1939		6-1-65		5	Raymond T. Breshears
Dry Creek	5-5-1940		6-1-88		32½	Sid Barber
Dry Creek	28-3-1944	103	6-1-88		12	Frank M. Ray

LIST OF DECREED RIGHTS ON BOISE RIVER

CHART 22

<u>Date</u>	<u>No. of Acres</u>	<u>Quantity in Inches</u>	<u>By Whom</u>	<u>Remarks</u>
10-1-87	80		Thos. T. Johnston	
	50	50	Albert F. Clemons	
	160	100	J. C. Hughes	
6-1-67		19	Ed Davis	
		52	Rebecca Ball	
6-1-65		144	Draper & Others	
6-1-65		320	Shafer & Others	
6-1-67		55½	George Rambo	
6-1-77	35	30	Jas. D. Ruark	To Indian Creek
6-1-66		130	John S. Swisher	
		33½	Bird Bowman	
		10	H. G. Dudley	Foots & Wiseman
		25	Edward McClintick	
4-1-83	80	50	W. Kennedy	
4-1-65		40	Minnie Couzens	
4-1-70		40	Harry Seavey	
		36	Detweed Etc. Bank	
6-1-77		40	Jacob Bingham	
		25	Adolph Bahler	
		32½	Adolph Bahler	
6-1-66		115	Leo Marsters	
6-1-65		40	J. C. Ralph	
9-9-83		35	J. C. Bruce	
5-1-83		3	Ira E. Barber	Not approved by ditch companies Secretary
7-19-12		10	Charles Jurries	
6-1-67		75	Wm. Musser	
10-1-87		6½	Wm. Baxter	
5-1-93		40	R. E. McGuire	
5-1-70		50	Chas. H. Schmelser	
5-1-95		40	Fischer Power Only	Below Fairview Bridge
4-1-65		5	Cora M. Clifton	
6-1-65		32½	Dora Greer	Decreed to Amer. Ditch Assoc.
6-1-88		12	J. H. Cone	
6-1-88			Adolph Bahler	
			Adolph Bahler	
			Adolph Bahler	
			Raymond T. Breshears	
			Sid Barber	
			Frank M. Ray	

Number of
Transfer

Point of Diversion
From To

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

Priority
No. Date Date of
Transfer Quantity
In Inches

34	Settlers'	Settlers'	92	10-17-84	3-16-1909)	15	Walter S
34	Settlers'	Settlers'	122	6-1- 91	3-16-1909)		
36	American Ditch Assn.	Pioneer Dixie	96	10-1- 87	4-19-1909	100	C. H. Ro
38	American Ditch Assn.	Canyon Ditch Co.	96	10-1- 87	9-1- 1909	605	Wm. M. M
45		Settlers'			2-5- 1910	10	J. E. Mod
46		Penitentiary	50	6-1- 66	2-4- 1910	112	Barber Lu
47	American Ditch Assn.	Eureka No. 2	96	10-1- 87	3-18-1910	1475	American
48	American Ditch Assn.	Pioneer Dixie	96	10-1- 88	3-31-1910	210	Nichols &
50	Settlers'				6-7- 1910	20	J. P. Cle
62	Pioneer Dixie	Eureka No. 2	96	10-1- 87	11-14-1910	50	J. A. Car
71	Upper Center Point	Eureka No. 2	24	6-1- 65	3-14-1911	40	J. D. Rol
105	Siebenberg	Canyon	9	6-1- 65	9-18-1912	25	H. E. Meek
111	Eureka No. 2	Hillcrest	96	10-1- 87	11-25-1912	60	H. L. Rand
111	Pioneer Dixie	Hillcrest	8	6-1- 64	11-25-1912)	1017	H. L. Rand
111	Pioneer Dixie	Hillcrest	45	6-1- 69	11-25-1912)		
136	Jacobs	Farmers Union	2	6-1- 64	6-8- 1914	1000	Boise Fru
219					7-15-1918	432	Pioneer In
300	Middleton Mill	Dry Creek		4- 20	4-20-1921	17.5	Emma M. Fo
301	Middleton Mill	Dry Creek			4-20-1921	72	John F. Gr
347	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7	C. E. Whit
349	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7	Frank Weas
350	Middleton Mill	Settlers'	3	6-1- 64	2-6- 1925	7	Carl A. Gi
357	Middleton Mill	Settlers'	65	6-1- 77	5- -1925	10	Nellie B.
370	Boise City	Farmers Union	33	6-1- 66	3-16-1926	58.2	Henry W. F
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. Park
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. Le
385	Middleton Water	Farmers Union	65	6-1- 77	7-8- 1926	13.3	H. E. McCo
386	Middleton Water	Farmers Union	65	6-1- 77	7-8- 1926	20	H. W. Bart
387	Middleton Water	Farmers Union	65	6-1- 77	7-8- 1926	20	E. E. Smi
391	Middleton Mill	Farmers Union	65	6-1- 77	8-13-1926	7.5	Rush Chase
392	Middleton Water	Ridenbaugh	65	6-1- 77	8-21-1926	20	Fred Eggen
393	Middleton Mill	Farmers Union	3	6-1- 54)			
393	Middleton Mill	Farmers Union	54	6-1- 61)	9-15-1926	14.4	A. C. Bowe
393	Middleton Mill	Farmers Union	120	6-1- 91)			
395	Middleton Water	Farmers Union	65	6-1- 77	11-16-1926	25	G. R. McGu
412	Thuman	Settlers'		6-1- 82	12-2- 1927	20	Chas. P. M
430	Farmers Union	Settlers'	65	6-1- 77	7-2- 1928	12.5	J. A. Pete
466	Ridenbaugh	New York	106	8-20-88	7-6- 1929	445	W. H. Tull
468	Settlers'	Settlers'	65	6-1- 77	7-12-1929	5	C. C. Wood
477	Settlers'	Settlers'		10-12-84	11-18-1929	10	Chas. N. We
483	Settlers'	Settlers'		10-13-84	4-7- 1930	3	Frank P. We
512	Jacobs Canal	Farmers Union	2	6-1- 64	5-27-1932	50	W. Scott An
513	Jacobs Canal	Farmers Union	2	6-1- 64	5-27-1932	25	Farmers Unio
530	Jacobs Ditch	Farmers Union	1	6-1- 64	5-15-1934	15	A. B. Whitne
542	Farmers Union	Farmers Union	2	6-1- 64	12-31-1934	34.37	Federal Land
595	Jacobs Canal	Nampa-Meridian	1	6-1- 64	9-9- 1938	15	Boise Trust C
595	Jacobs Canal	Settlers'	1	6-1- 64	9-9- 1938	15	Boise Trust C
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

Chart No. 23

Quantity Date	Date of Transfer	Quantity In Inches	By Whom Transferred	Remarks
10-17-84	3-16-1909)	15	Walter S. Bruce	
6-1- 91	3-16-1909)			
10-1- 87	4-19-1909	100	C. H. Rosenberger	Change in point of diversion only.
10-1- 87	9-1- 1909	605	Wm. M. Messler	
	2-5- 1910	10	J. E. Moore	
6-1- 66	2-4- 1910	112	Barber Lumber Co.	
10-1- 87	3-18-1910	1475	American Ditch Association	Change in point of diversion only.
10-1- 88	3-31-1910	210	Nichols & Cooper	Change in point of diversion only.
	6-7- 1910	20	J. P. Cleek	
10-1- 87	11-14-1910	50	J. A. Cartright	
6-1- 65	3-14-1911	40	J. D. Roland	Change in point of diversion only.
6-1- 65	9-18-1912	25	H. E. Meek	
10-1- 87	11-25-1912	60	H. L. Randall & Others	
6-1- 64	11-25-1912)	1017	H. L. Randall & Others	
6-1- 69	11-25-1912)			
6-1- 64	6-8- 1914	1000	Boise Fruit Tract Co.	
	7-15-1918	432	Pioneer Irrig. District	Licensed Right Indian Creek
4- 20	4-20-1921	17.5	Emma M. Fowler	
	4-20-1921	72	John F. Groome	
6-1- 64	2-6- 1925	7	C. E. White	
6-1- 64	2-6- 1925	7	Frank Weasel	
6-1- 64	2-6- 1925	7	Carl A. Gish	
6-1- 77	5- -1925	10	Nellie B. Whitaker	
6-1- 66	3-16-1926	56.2	Henry W. Bartlett	
6-1- 66	4-26-1926	18.7	L. A. Rice	
6-1- 77	5-6- 1926	20	H. D. Parks	
6-1- 77	5-6- 1926	10	A. G. Wing	
6-1- 77	7-8- 1926	20	Mary F. Leach	
6-1- 77	7-8- 1926	13.3	H. E. McConnell	
6-1- 77	7-8- 1926	20	H. W. Bartlett	
6-1- 77	7-8- 1926	20	E. E. Smith	
6-1- 77	8-13-1926	7.5	Rush Chase	
6-1- 77	8-21-1926	20	Fred Eggers	
6-1- 54)				
6-1- 61)	9-15-1926	14.4	A. C. Bowerman	
6-1- 91)				
6-1- 77	11-16-1926	25	G. R. McGuire	
6-1- 82	12-2- 1927	20	Chas. P. Mace	
6-1- 77	7-2- 1928	12.5	J. A. Peterson	Formerly Middleton Water.
8-20-88	7-6- 1929	445	W. H. Tuller	
6-1- 77	7-12-1929	5	C. C. Wood	
10-12-84	11-18-1929	10	Chas. N. Walker	
10-13-84	4-7- 1930	3	Frank P. Weasel	
6-1- 64	5-27-1932	50	W. Scott Anderson	
6-1- 64	5-27-1932	25	Farmers Union Ditch	
6-1- 64	5-15-1934	15	A. B. Whitney	
6-1- 64	12-31-1934	34.37	Federal Land Bank	
6-1- 64	9-9- 1938	15	Boise Trust Co.	Somermeir
6-1- 64	9-9- 1938	15	Boise Trust Co.	Falk
6-1- 83	4-29-1940	50	W. F. Tracy	
6-1- 83	11-12-1942	35	S. E. Smith	Larson Tract
5-1-66	10-18-1943	25	W. W. Howell	Hamming Tract
5-1-66	10-18-1943	50	W. W. Howell	Budge Tract
5-1-66	10-18-1943	25	W. W. Howell	

STEWART DECREE.

No.	Date	Name	Acmt. Decreed	No.	Date	Name	Acmt. Decreed	No.	Date	Name	Acmt. Decreed
			Sec. Ft. Inches				Sec. Ft. Inches				Sec. Ft. Inches
1	6-1-64	Thomas Davis	2.20 110	46	6-1-69	Mason Creek Ditch Co.	37.20 1860	91	6-1-84	River	
2	6-1-64	Jacobs Canal Co.	20.00 1000	47	6-1-69	T.W. Boone	3.50 175	92	10-17-84	Sett	
3	6-1-64	Middleton Mill Ditch	12.80 640	48	6-1-70	W.J. Hamming	2.60 130	93	6-1-86	New	
4	6-1-64	Thomas Andrews	3.30 165	49	6-1-70	Pioneer Canal	25.72 1286	94	6-1-86	Ther	
5	6-1-64	Catlin & Mace	2.86 143	50	6-1-69	Barber Lumber Co.	2.24 112	95	1-23-87	Wm C	
6	6-1-64	T.C. Catlin	3.30 165	51	6-1-70	Thomas Andrews	1.30 65	96	10-1-87	Firm	
7	6-1-64	C.C. Havard	3.30 165	52	6-1-71	Catlin & Mace	7.86 393	97	6-1-88	New	
8	6-1-64	Pioneer Dickey Ditch Co.	20.00 1000	53	6-1-71	Peter Meeres	1.80 90	98	6-1-88	A.L.	
9	6-1-65	Seibenberg Ditch Co.	13.42 671	54	6-1-71	Middleton Mill Ditch Co.	33.70 1685	99	6-1-88	Leri	
10	6-1-65	Allen V. Webster	1.20 60	55	6-1-72	J.F. Varyan	.70 35	100	6-1-88	Charl	
11	6-1-65	J.F. Varyan	.66 33	56	6-1-72	J.F. Varyan	1.40 70	101	6-1-88	Ed. J.	
12	6-1-65	Graham & Gilbert	4.40 220	57	6-1-72	Mary C. Davis	4.40 220	102	6-1-88	Lizzi	
13	6-1-65	Eureka Water Co.	33.32 1666	58	6-1-72	Edward H. Hart	3.30 165	103	6-1-88	Jessie	
14	6-1-65	New Union Ditch Co.	13.76 688	59	6-1-74	T.W. Boone	2.20 110	104	6-1-88	Thoma	
15	6-1-65	Boise Valley Irrig. Ditch	54.58 2729	60	6-1-75	Farmers Cooperative D. Co.	10.00 500	105	7-1-88	Farmers	
16	6-1-65	Ridenbaugh & Rossi	9.20 460	61	6-1-76	Edward & Mary Clark	2.30 115	106	8-20-88	Nampa	
17	6-1-65	Ridenbaugh & Rossi (Pinner)	265.80 13290	62	6-1-76	John Cecil	.44 22	107	5-1-89	Chas. S.	
18	6-1-65	Denver & Idaho Land Co.	.80 40	63	6-1-77	Thomas Aikens	5.20 260	108	5-1-89	Lommi	
19	6-1-65	Martha Bowman	2.88 144	64	6-1-77	W.H. Conway	.90 45	109	5-1-89	S.B.J. Utte	
20	6-1-65	Bird Bowman	6.40 320	65	6-1-77	Middleton Water Co.	114.08 5704	110	5-1-89	South Bay	
21	6-1-65	G.W. Gess	2.90 145	66	7-1-77	Perrault & Johnson (New)	200.00 10000	111	5-1-89	Estate of J	
22	6-1-65	Robert McGuire	3.20 160	67	5-1-78	Nampa Meridian Irrig. D.	170.00 8500	112	5-1-89	Ana H.F.	
23	6-1-65	C.W. Cooper	3.20 160	68	6-1-78	John Mammion	4.20 210	113	5-1-89	Grace Ca	
24	6-1-65	J.W. Roland	2.40 120	69	6-1-78	Julia Mammion	3.36 168	114	5-1-89	Samuel H.	
25	6-1-65	Draper & Wells	3.94 197	70	6-1-78	Charles Allen	8.80 440	115	6-1-89	Sonora Ja	
26	6-1-65	Thomas J. Palmer	1.60 80	71	6-1-78	R.H. Stockton	4.40 220	116	6-1-89	Sonora Ja	
27	6-1-65	Noah W. Palmer	1.58 79	72	6-1-79	New Dry Creek Ditch Co.	31.32 1566	117	9-1-90	Pioneer Irr	
28	6-1-65	J.N. Tucker	7.00 350	73	6-1-79	D. Mumford	4.00 200	118	6-1-91	W.H. Conw	
29	6-1-65	Thomas Andrews	6.00 300	74	6-1-80	Smith Stockton	1.76 88	119	6-1-91	Thomas J.	
30	5-1-66	J. Perrault & R. Johnson	50.00 2500	75	6-1-80	Isham Joplin	2.40 120	120	1-1-91	Middleton	
31	6-1-66	William P. Kennedy	2.60 130	76	10-20-80	Joseph Goble	.90 45	121	6-1-91	Thomas A.	
32	6-1-66	Manville & Leonard	3.50 175	77	10-29-80	Franklin Ditch Co.	27.60 1380	122	6-1-91	Settlers C	
33	6-1-66	Boise City Canal Co.	38.06 1903	78	6-1-82	Allen V. Webster	.90 45	123	6-1-91	Thomas A.	
34	6-1-66	Franklin Ditch Co.	15.40 770	79	6-1-82	Susie Campbell	.60 30	124	5-1-93	Riverside Ir	
35	6-1-67	Canyon Co. Water Co.	75.50 3770	80	6-1-82	J.T. Barber	1.60 80	125	6-1-94	R.H. Stock	
36	6-1-68	Martha E. McCarthy	14.10 705	81	6-1-82	Sonora Joplin	3.40 170	126	7-2-94	Farmers Un	
37	6-1-68	H.D. & Dora Goodman	3.70 185	82	6-1-82	J.W. Hutchinson	.44 22	127	5-1-95	Charles Rein	
38	6-1-68	T.T. Johnson	3.20 160	83	6-1-82	Johnson	.44 22	128	7-1-95	Mathew Case	
39	6-1-68	Ross, Allen, Dickey & Ross	8.34 427	84	6-1-82	Andrew J. Joplin	2.86 143	129	7-1-96	Farmers Corp.	
40	6-1-68	S.S. Gray	1.40 70	85	6-1-82	James L. Graham	2.20 110	130	10-1-99	Riverside Irr	
41	6-1-69	John Mammion	1.80 90	86	6-1-83	Farmers Cooperative Ditch	20.00 1000	131	3-23-00	New York Can	
42	6-1-69	Isaac Bedal	1.60 80	87	6-1-83	Francis M. Joplin	.90 45	132	5-17-00	Canyon Ditch	
43	6-1-69	Frederick Ode	3.60 180	88	6-1-83	W.H. Black	12.00 600	133	6-1-01	Riverside Irr	
44	6-1-69	Prior Burnett	8.50 425	89	11-9-83	Eureka Ditch Co. No. 2	21.70 1085	134	10-25-01	Canyon Ditch	
45	6-1-69	Pioneer Ditch Ditch Co.	35.44 1772	90	6-1-84	Pioneer Ditch Dist.	53.10 2655	135	4-1-06	Pioneer Irr	

* Indicates Rights supplied by return flow to River.

STEWART DECREE.

CHART 28.

No.	Date	Name	Amt. Decreed	
			Sec. Ft.	Inches
46	6-1-69	Mason Creek Ditch Co.	37.20	1860
47	6-1-69	T. W. Boone.	3.50	175
48	6-1-70	W. J. Hamming	2.60	130
49	6-1-70	Pioneer Canal	25.72	1286
50	6-1-69	Barber Lumber Co.	2.24	112
51	6-1-70	Thomas Andrews	1.30	65
52	6-1-71	Catlin & Maca	7.86	393
53	6-1-71	Peter Meeras	1.80	90
54	6-1-71	Middleton Mill Ditch Co.	33.70	1685
55	6-1-72	J. F. Varyan	.70	35
56	6-1-72	J. F. Varyan	1.40	70
57	6-1-72	Mary C. Davis.	4.40	220
58	6-1-72	Edward K. Hart	3.30	165
59	6-1-74	T. W. Boone	2.20	110
60	6-1-75	Farmer's Cooperative D. Co.	10.00	500
61	6-1-76	Edward B. Mary Clark.	2.30	115
62	6-1-76	John Cecil	.44	22
63	6-1-77	Thomas Athens	5.20	260
64	6-1-77	W. H. Conway	.90	45
65	6-1-77	Middleton Matede	114.08	5704
66	7-1-77	Perraulte Johnson Power	200.00	10000
67	5-1-78	Nampa-Meridian Irrig. D.	170.00	8500
68	6-1-78	John Mammion	4.20	210
69	6-1-78	Julia Mammion	3.36	168
70	6-1-78	Charles Ellen	8.80	440
71	6-1-78	R. H. Stockton	4.40	220
72	6-1-79	New Dry Creek Ditch Co.	31.32	1566
73	6-1-79	D. Mumford	4.00	200
74	6-1-80	Smith Stockton	1.76	88
75	6-1-80	Isham Taplin	2.40	120
76	10-20-80	Joseph Goble	.90	45
77	10-29-80	Franklin Ditch Co.	27.60	1380
78	6-1-82	Allen V. Webster	.90	45
79	6-1-82	Susie Campbell	.60	30
80	6-1-82	J. F. Barber	1.60	80
81	6-1-82	Sonora Taplin	3.40	170
82	6-1-82	J. W. Hutchinson	.44	22
83	6-1-82	Johnson	.44	22
84	6-1-82	Andrew J. Taplin	2.86	143
85	6-1-82	Thomas L. Erbaugh	2.20	110
86	6-1-83	Farmer's Cooperative Ditch	20.00	1000
87	6-1-83	Francis M. Taplin	.90	45
88	6-1-83	W. H. Black	12.00	600
89	11-9-83	Eureka Ditch Co. No. 2	21.70	1085
90	6-1-84	Pioneer Irrig. District	53.10	2655

No.	Date	Name	Amt. Decreed	
			Sec. Ft.	Inches
91	6-1-84	Riverside Irrig. Dist.	20.00	1000
92	10-17-84	Settlers Canal Co.	44.06	2203
93	6-1-86	New Dry Creek Ditch	15.22	761
94	6-1-86	Thomas Davis	13.40	670
95	1-23-87	W. C. L. E. Young	4.00	200
96	10-1-87	American Ditch Assoc.	47.80	2390
97	6-1-88	New Dry Creek Ditch Co.	7.86	393
98	6-1-88	R. F. Linder	4.00	200
99	6-1-88	Leri Smith	1.30	65
100	6-1-88	Charlotte Calhoun	1.40	70
101	6-1-88	Ed. J. Linder	1.46	73
102	6-1-88	Lizzie Everett	1.20	60
103	6-1-88	Jessie Wilson	1.40	70
104	6-1-88	Thomas Andrews	.90	45
105	7-1-88	Farmer's Coop. Ditch Co.	50.00	2500
106	8-20-88	Nampa-Meridian Irrig. D.	370.84	18542
107	5-1-89	Chas. S. Miller	.06	3
108	5-1-89	Lommit L. Haseley	.02	1
109	5-1-89	J. B. J. Otter & C. B. Taylor	2.40	120
110	5-1-89	South Boise Mutual Irrig. Co.	6.00	300
111	5-1-89	Estate of J. H. Gallagher	2.94	147
112	5-1-89	Anna H. Fogarty	.05	2
113	5-1-89	Grace Cull	.10	5
114	5-1-89	Samuel H. Canfield	.03	1
115	6-1-89	Sonora Taplin	.06	3
116	6-1-89	Sonora Taplin	1.20	60
117	9-1-90	Pioneer Irrig. District	200.00	10000
118	6-1-91	W. H. Conway	2.20	110
119	6-1-91	Thomas Davis	.54	27
120	6-1-91	Middleton Mill Ditch Co.	17.00	850
121	6-1-91	Thomas Andrews	3.50	175
122	6-1-91	Settlers Canal Co.	73.44	3672
123	6-1-91	Thomas Piken	.80	40
124	5-1-93	Riverside Irrig. District	80.00	4000
125	6-1-94	R. H. Stockton	1.76	88
126	7-2-94	Farmer's Union Ditch Co.	10.00	500
127	5-1-95	Charles Rein & Jane Koh	1.00	50
128	7-1-95	Matthew Casey	.66	33
129	7-1-96	Farmer's Coop. Ditch Co.	83.50	4175
130	10-1-99	Riverside Irrig. District	20.00	1000
131	3-23-00	New York Canal Co.	219.10	10955
132	5-17-00	Canyon Ditch Co.	10.00	500
133	6-1-01	Riverside Irrig. District	70.00	3500
134	10-25-01	Canyon Ditch Co.	5.54	277
135	4-1-04	Pioneer Irrig. District	56.34	2817

* Indicates Rights supplied by return flow to River.

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Decree	Priority		Amount Decreed		
				No.	Date	Inches	Sec. Ft.	Sec
New York			Stewart	131	3-23-1900	10955	219.10	
			Bryan		3-23-1900	2943	58.86	
			Bryan		12-14-1903	67729	1354.58	
			Bryan		6-16-1909	46325	926.50	
		466	Stewart	106	8-20-1888	445	8.90	
		111	Stewart	8	6-1-1864)	1017	20.34	
		111	Stewart	45	6-1-1869)			
		111	Stewart	96	10-1-1887	60	1.20	2589
Nampa-Meridian			Stewart	67	5-1-1878	8500	170.00	
			Stewart	106	8-20-1888	18542	370.84	
		392	Stewart	65	6-1-1877	20	.40	
	152		Stewart	65	4-1-1870	40	.80	
	153		Stewart		5-1-1895	50	1.00	
	154		Stewart		4-1-1865	40	.80	
		466*	Stewart	106	8-20-1888	445	8.90*	534
Bubb			Stewart	107	5-1-1889	3	.06	
			Stewart	108	5-1-1889	1	.02	
			Stewart	109	5-1-1889	120	2.40	
			Stewart	110	5-1-1889	300	6.00	
			Stewart	111	5-1-1889	147	2.94	
			Stewart	112	5-1-1889	2	.05	
			Stewart	113	5-1-1889	5	.10	
			Stewart	114	5-1-1889	2	.03	
			Additional	8B	4-1-1865	90	1.80	
			Additional	29B	4-1-1865	25	.50	
			Additional	51A	4-1-1870	50	1.00	
			Additional	H6A	4-1-1889	42	.84	
			Bryan	3	4-1-1905	270	5.40	21.7
Meeves			Stewart	53	6-1-1871	90	1.80	1.6
Rossi Mill and Manville-Leonard			Stewart	16	6-1-1865	460	9.20	
			Stewart	18	6-1-1865	40	.80	
			Stewart	32	6-1-1866	175	3.50	13.5
Davis			Stewart	94	6-1-1886	670	13.40	13.4

* Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
		No.	Date	Inches	Sec. Ft.	
	Stewart	131	3-23-1900	10955	219.10	
	Bryan		3-23-1900	2943	58.86	
	Bryan		12-14-1903	67729	1354.58	
	Bryan		6-16-1909	46325	926.50	
466	Stewart	106	8-20-1888	445	8.90	
111	Stewart	8	6-1-1864)	1017	20.34	
111	Stewart	45	6-1-1869)			
111	Stewart	96	10-1-1887	60	1.20	2589.48
	Stewart	67	5-1-1878	8500	170.00	
	Stewart	106	8-20-1888	18542	370.84	
392	Stewart	65	6-1-1877	20	.40	
	Stewart	65	4-1-1870	40	.80	
	Stewart		5-1-1895	50	1.00	
	Stewart		4-1-1865	40	.80	
466*	Stewart	106	8-20-1888	445	8.90*	534.94
	Stewart	107	5-1-1889	3	.06	
	Stewart	108	5-1-1889	1	.02	
	Stewart	109	5-1-1889	120	2.40	
	Stewart	110	5-1-1889	300	6.00	
	Stewart	111	5-1-1889	147	2.94	
	Stewart	112	5-1-1889	2	.05	
	Stewart	113	5-1-1889	5	.10	
	Stewart	114	5-1-1889	2	.03	
	Additional	8B	4-1-1865	90	1.80	
	Additional	29B	4-1-1865	25	.50	
	Additional	51A	4-1-1870	50	1.00	
	Additional	H6A	4-1-1889	42	.84	
	Bryan	3	4-1-1905	270	5.40	21.14
	Stewart	53	6-1-1871	90	1.80	1.80
	Stewart	16	6-1-1865	460	9.20	
	Stewart	18	6-1-1865	40	.80	
	Stewart	32	6-1-1866	175	3.50	13.50
	Stewart	94	6-1-1886	670	13.40	13.40

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	<u>To Sec.</u>
Little Davis			Stewart	119	6-1-1891	27	.54	
Settlers			Stewart	92	10-17-1884	4953	99.06	
			Stewart	122	6-1-1891	3672	73.44	
		430	Stewart	65	6-1-1877	12.5	.25	
		347	Stewart		6-1-1864	7	.14	
		349	Stewart		6-1-1864	7	.14	
		350	Stewart		6-1-1864	7	.14	
		357	Stewart		6-1-1877	10	.20	
		412	Stewart		6-1-1882	20	.40	
	83		Stewart	85A	6-1-1882	36	.72	
			Stewart	85B	4-1-1883	50	1.00	175
Thurman Mill			Stewart	7	6-1-1864	165	3.30	
			Stewart	10	6-1-1865	60	1.20	
			Stewart	11	6-1-1865	33	.66	
			Stewart	36	6-1-1868	705	14.10	
			Stewart	37	6-1-1868	185	3.70	
			Stewart	42	6-1-1869	80	1.60	
			Stewart	55	6-1-1872	35	.70	
			Stewart	56	6-1-1872	70	1.40	
			Stewart	62	6-1-1876	22	.44	
			Stewart	75	6-1-1880	120	2.40	
			Stewart	76	10-20-1880	45	.90	
			Stewart	78	6-1-1882	45	.90	
			Stewart	79	6-1-1882	30	.60	
			Stewart	81	6-1-1882	130	2.60	
			Stewart	84	6-1-1882	75	1.50	
			Stewart	87	6-1-1883	45	.90	
			Stewart	128	7-1-1895	33	.66	
		412*	Stewart		6-1-1882	20	.40*	37.
Penitentiary				50	6-1-1866	112	2.24	2.
Crüzen			Stewart	30	5-1-1866	2500	50.00	50.0
Boise City			Stewart	33	6-1-1866	1903	38.06	
		370*	Stewart		6-1-1866	56.2	1.124*	
		373*			6-1-1866	18.7	.374*	36.5

*Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Change in P. of D.	Transfer	Decree	Priority		Amount Decreed		
			No.	Date	Inches	Sec. Ft.	Total Sec. Feet
83		Stewart	119	6-1-1891	27	.54	.54
		Stewart	92	10-17-1884	4953	99.06	
	430	Stewart	122	6-1-1891	3672	73.44	
	347	Stewart	65	6-1-1877	12.5	.25	
	349	Stewart		6-1-1864	7	.14	
	350	Stewart		6-1-1864	7	.14	
	357	Stewart		6-1-1864	7	.14	
	412	Stewart		6-1-1877	10	.20	
		Stewart		6-1-1882	20	.40	
		Stewart	85A	6-1-1882	36	.72	
		Stewart	85B	4-1-1883	50	1.00	175.49
		Stewart	7	6-1-1864	165	3.30	
		Stewart	10	6-1-1865	60	1.20	
		Stewart	11	6-1-1865	33	.66	
		Stewart	36	6-1-1868	705	14.10	
		Stewart	37	6-1-1868	185	3.70	
		Stewart	42	6-1-1869	80	1.60	
		Stewart	55	6-1-1872	35	.70	
		Stewart	56	6-1-1872	70	1.40	
		Stewart	62	6-1-1876	22	.44	
		Stewart	75	6-1-1880	120	2.40	
		Stewart	76	10-20-1880	45	.90	
		Stewart	78	6-1-1882	45	.90	
		Stewart	79	6-1-1882	30	.60	
		Stewart	81	6-1-1882	130	2.60	
		Stewart	84	6-1-1882	75	1.50	
		Stewart	87	6-1-1883	45	.90	
		Stewart	128	7-1-1895	33	.66	
	412*	Stewart		6-1-1882	20	.40*	37.16
			50	6-1-1866	112	2.24	2.24
		Stewart	30	5-1-1866	2500	50.00	50.00
		Stewart	33	6-1-1866	1903	38.06	
	370*	Stewart		6-1-1866	56.2	1.124*	
	373*			6-1-1866	18.7	.374*	36.562

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Change in P. of D.	Transfer	Decree	Priority		Amount Decreed		
			No.	Date	Inches	Sec. Ft.	Total Sec. Feet
83		Stewart	119	6-1-1891	27	.54	.54
		Stewart	92	10-17-1884			
	430	Stewart	122	6-1-1891	4953	99.06	
	347	Stewart	65	6-1-1877	3672	73.44	
	349	Stewart		6-1-1864	12.5	.25	
	350	Stewart		6-1-1864	7	.14	
	357	Stewart		6-1-1864	7	.14	
	412	Stewart		6-1-1877	7	.14	
		Stewart		6-1-1882	10	.20	
		Stewart	85A	6-1-1882	20	.40	
		Stewart	85B	4-1-1883	36	.72	
					50	1.00	175.49
		Stewart	7	6-1-1864	165	3.30	
		Stewart	10	6-1-1865	60	1.20	
		Stewart	11	6-1-1865	33	.66	
		Stewart	36	6-1-1868	705	14.10	
		Stewart	37	6-1-1868	185	3.70	
		Stewart	42	6-1-1869	80	1.60	
		Stewart	55	6-1-1872	35	.70	
		Stewart	56	6-1-1872	70	1.40	
		Stewart	62	6-1-1876	22	.44	
		Stewart	75	6-1-1880	120	2.40	
		Stewart	76	10-20-1880	45	.90	
		Stewart	78	6-1-1882	45	.90	
		Stewart	79	6-1-1882	30	.60	
		Stewart	81	6-1-1882	130	2.60	
		Stewart	84	6-1-1882	75	1.50	
		Stewart	87	6-1-1883	45	.90	
		Stewart	128	7-1-1895	33	.66	
	412*	Stewart		6-1-1882	20	.40*	37.16
			50	6-1-1866	112	2.24	2.24
		Stewart	30	5-1-1866	2500	50.00	50.00
		Stewart	33	6-1-1866	1903	38.06	
	370*	Stewart		6-1-1866	56.2	1.124*	
	373*			6-1-1866	18.7	.374*	36.562

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decr</u>	
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>
Jacobs			Stewart	1	6-1-1864	110	2.20
			Stewart	2	6-1-1864	1000	20.00
		136*	Stewart	2	6-1-1864	1000	20.00*
		512*	Stewart	1	6-1-1864	50	1.00*
		513*	Stewart	1	6-1-1864	25	.50*
Farmers Union			Stewart	2	6-1-1864	1000	20.00
			Stewart	126	7-2-1894	5500	110.00
		370	Stewart		6-1-1966	56.2	1.124
		373	Stewart		6-1-1866	18.7	.374
		374	Stewart		6-1-1877	20	.40
		375	Stewart		6-1-1877	10	.20
		384	Stewart		6-1-1877	20	.40
		385	Stewart		6-1-1877	13.3	.266
		386	Stewart		6-1-1877	20	.40
		387	Stewart		6-1-1877	20	.40
		391	Stewart		6-1-1877	7.5	.15
		393	Stewart		6-1-1877	14.4	.288
		395	Stewart		6-1-1871	25	.50
		430	Stewart		6-1-1871	12.5	.25
	84		Stewart	8	6-1-1877	40	.80
			Bryan		7-2-1894	2723	54.46
		512 & 513		1	6-1-1864	75	1.50
Boise Valley			Stewart	15	6-1-1865	2729	54.58
New Union			Stewart	14	6-1-1865	688	13.76
New Dry Creek			Stewart	72	6-1-1879	1566	31.32
			Stewart	93	6-1-1886	761	15.22
			Stewart	97	6-1-1888	393	7.86
			Additional	129A	4-1-1897	27	.54
			Additional	13A	4-1-1880	27	.54
			Additional	75A	6-1-1880	40.8	.816
			Additional	85C	5-1-1883	10.15	.203
			Additional	85E	5-1-1883	17.5	.35
			Additional	124A	5-1-1893	50	1.00
		300	Stewart			17.5	.35
		301	Stewart			72	1.44
	64		Stewart			10	.20
	91		Stewart		6-1-1888	32.5	.65
	161		Stewart		6-1-1888	32.5	.65
	174		Stewart	103	6-1-1888	12	.24

*Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Transfer	Decree	Priority		Amount Decreed		
		No.	Date	Inches	Sec. Ft.	Total Sec. Feet
	Stewart	1	6-1-1864	110	2.20	
136*	Stewart	2	6-1-1864	1000	20.00	
512*	Stewart	2	6-1-1864	1000	20.00*	
513*	Stewart	1	6-1-1864	50	1.00*	
	Stewart	1	6-1-1864	25	.50*	.70
	Stewart	2	6-1-1864	1000	20.00	
370	Stewart	126	7-2-1894	5500	110.00	
373	Stewart		6-1-1966	56.2	1.124	
374	Stewart		6-1-1866	18.7	.374	
375	Stewart		6-1-1877	20	.40	
384	Stewart		6-1-1877	10	.20	
385	Stewart		6-1-1877	20	.40	
386	Stewart		6-1-1877	13.3	.266	
387	Stewart		6-1-1877	20	.40	
391	Stewart		6-1-1877	7.5	.15	
393	Stewart		6-1-1877	14.4	.288	
395	Stewart		6-1-1871	25	.50	
430	Stewart		6-1-1871	12.5	.25	
	Stewart	8	6-1-1877	40	.80	
	Bryan		7-2-1894	2723	54.46	
512 & 513		1	6-1-1864	75	1.50	191.512
	Stewart	15	6-1-1865	2729	54.58	54.58
	Stewart	14	6-1-1865	688	13.76	13.76
	Stewart	72	6-1-1879	1566	31.32	
	Stewart	93	6-1-1886	761	15.22	
	Stewart	97	6-1-1888	393	7.86	
	Additional	129A	4-1-1897	27	.54	
	Additional	13A	4-1-1880	27	.54	
	Additional	75A	6-1-1880	40.8	.816	
	Additional	85C	5-1-1883	10.15	.203	
	Additional	85E	5-1-1883	17.5	.35	
	Additional	124A	5-1-1893	50	1.00	
300	Stewart			17.5	.35	
301	Stewart			72	1.44	
	Stewart			10	.20	
	Stewart		6-1-1888	32.5	.65	
	Stewart		6-1-1888	32.5	.65	
	Stewart	103	6-1-1888	12	.24	61.379

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Decree	Priority		Amount Decreed		
				No.	Date	Inches	Sec. Ft.	Se
Ballantine			Stewart	98	6-1-1888	200	4.00	
			Stewart	99	6-1-1888	65	1.30	
			Stewart	100	6-1-1888	70	1.40	
			Stewart	101	6-1-1888	73	1.46	
			Stewart	102	6-1-1888	60	1.20	
			Stewart	103	6-1-1888	70	1.40	
			Stewart	123	6-1-1891	40	.80	
			Additional	66A	4-1-1878	40	.80	
			Additional	66C	4-1-1878	70	1.40	
			Additional	66D	4-1-1878	40	.80	
			Additional	85D	5-1-1883	37.53	.7506	
	57		Stewart	136	5-1-1906	17.8	.356	
	64*		Stewart		6-1-1877	30	.60	
	161*		Stewart			10	.20*	
	174*		Stewart		6-1-1888	32.5	.65*	
Middleton Water			Stewart	103	6-1-1888	12.	.24*	15.17
	36		Stewart	65	6-1-1877	5704	114.08	
	61		Stewart	65	6-1-1867	19	.38	
	126		Stewart			33.5	.67	
	57*		Stewart		6-1-1866	115	2.30	
	84*		Stewart	65	6-1-1877	30	.60*	
		357*	Stewart	65	6-1-1877	40	.80*	
		374*	Stewart	65	6-1-1877	10	.20*	
		375*	Stewart	65	6-1-1877	20	.40*	
		384*	Stewart	65	6-1-1877	10	.20*	
		385*	Stewart	65	6-1-1877	20	.40*	
		386*	Stewart	65	6-1-1877	13.3	.266*	
		387*	Stewart	65	6-1-1877	20	.40*	
		392*	Stewart	65	6-1-1877	20	.40*	
		395*	Stewart	65	6-1-1877	25	.50*	112.864
Middleton Mill			Stewart	3	6-1-1864	640	12.80	
			Stewart	40	6-1-1868	70	1.40	
			Stewart	54	6-1-1871	1685	33.70	
			Stewart	120	6-1-1891	850	17.00	
	54		Stewart		6-1-1867	55.5	1.11	
	75*		Stewart			25	.50*	
		300*	Stewart			17.5	.35*	

*Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

in D.	Transfer	Decree	Priority		Amount Decreed		
			No.	Date	Inches	Sec. Ft.	Total Sec. Feet
		Stewart	98	6-1-1888			
		Stewart	99	6-1-1888	200	4.00	
		Stewart	100	6-1-1888	65	1.30	
		Stewart	101	6-1-1888	70	1.40	
		Stewart	102	6-1-1888	73	1.46	
		Stewart	103	6-1-1888	60	1.20	
		Stewart	123	6-1-1891	70	1.40	
		Additional 66A		4-1-1878	40	.80	
		Additional 66C		4-1-1878	40	.80	
		Additional 66D		4-1-1878	70	1.40	
		Additional 85D		5-1-1883	40	.80	
		Stewart	136	5-1-1906	37.53	.7506	
		Stewart		6-1-1877	17.8	.356	
		Stewart			30	.60	
		Stewart			10	.20*	
		Stewart	103	6-1-1888	32.5	.65*	
		Stewart	65	6-1-1877	12.	.24*	15.1766
		Stewart	65	6-1-1867	5704	114.08	
		Stewart			19	.38	
		Stewart			33.5	.67	
		Stewart		6-1-1866	115	2.30	
		Stewart	65	6-1-1877	30	.60*	
		Stewart	65	6-1-1877	40	.80*	
357*		Stewart	65	6-1-1877	10	.20*	
374*		Stewart	65	6-1-1877	20	.40*	
375*		Stewart	65	6-1-1877	10	.20*	
384*		Stewart	65	6-1-1877	20	.40*	
385*		Stewart	65	6-1-1877	13.3	.266*	
386*		Stewart	65	6-1-1877	20	.40*	
387*		Stewart	65	6-1-1877	20	.40*	
392*		Stewart	65	6-1-1877	20	.40*	
395*		Stewart	65	6-1-1877	25	.50*	112.864
		Stewart	3	6-1-1864	640	12.80	
		Stewart	40	6-1-1868	70	1.40	
		Stewart	54	6-1-1871	1685	33.70	
		Stewart	120	6-1-1891	850	17.00	
		Stewart		6-1-1867	55.5	1.11	
		Stewart			25	.50*	
300*		Stewart			17.5	.35*	

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	<u>Total Sec. Feet</u>
Middleton Mill (Cont'd)		301*	Stewart					
		347*	Stewart			72	1.44*	
		349*	Stewart		6-1-1864	7	.14*	
		350*	Stewart		6-1-1864	7	.14*	
		391*	Stewart		6-1-1864	7	.14*	
		393*	Stewart			7.5	.15*	
						14.4	.288*	62.862
Pioneer			Stewart	49	6-1-1870	1286	25.72	25.72
Canyon County			Stewart	35	6-1-1867	3790	75.80	
	29		Additional	35A	6-1-1867	88	1.76	
	59		Stewart		6-1-1867	50	1.00	
	75		Stewart	31	6-1-1866	130	2.60	
	36*		Stewart			25	.50	
	54*		Stewart			19	.38*	
						55.5	1.11*	80.17
Lemp Ditch			Additional	29A	1865	300	6.00	6.00
Conway & Hamming			Stewart	48	6-1-1870	130	2.60	
				64	6-1-1877	45	.90	
				118	6-1-1891	110	2.20	5.70
Thos. Aiken			Stewart	63	6-1-1877	260	5.20	5.20
Catlin & Mace			Stewart	5	6-1-1864	143	2.86	
				52	6-1-1871	393	7.86	10.72
Hart & Davis			Stewart	6	6-1-1864	165	3.30	
			Stewart	57	6-1-1872	220	4.40	
			Stewart	58	6-1-1872	165	3.30	
	38*		Stewart			52	1.04*	
	39*							9.96
Graham & Gilbert			Stewart	12	6-1-1865	220	4.40	4.40

*Subtract

Chart No. 25-D

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

in D.	Transfer	Decree	Priority		Amount Decreed		
			No.	Date	Inches	Sec. Ft.	Total Sec. Feet
	301*	Stewart					
	347*	Stewart			72	1.44*	
	349*	Stewart		6-1-1864	7	.14*	
	350*	Stewart		6-1-1864	7	.14*	
	391*	Stewart		6-1-1864	7	.14*	
	393*	Stewart			7.5	.15*	
					14.4	.288*	62.862
		Stewart	49	6-1-1870	1286	25.72	25.72
		Stewart	35	6-1-1867	3790	75.80	
29		Additional	35A	6-1-1867	88	1.76	
59		Stewart		6-1-1867	50	1.00	
75		Stewart	31	6-1-1866	130	2.60	
36*		Stewart			25	.50	
54*		Stewart			19	.38*	
					55.5	1.11*	80.17
		Additional	29A	1865	300	6.00	6.00
		Stewart	48	6-1-1870	130	2.60	
			64	6-1-1877	45	.90	
			118	6-1-1891	110	2.20	5.70
		Stewart	63	6-1-1877	260	5.20	5.20
		Stewart	5	6-1-1864	143	2.86	
			52	6-1-1871	393	7.86	10.72
		Stewart	6	6-1-1864	165	3.30	
		Stewart	57	6-1-1872	220	4.40	
		Stewart	58	6-1-1872	165	3.30	
		Stewart			52	1.04*	
38*							9.96
39*		Stewart	12	6-1-1865	220	4.40	4.40

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		<u>Total Sec.</u>
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	
Warm Springs	83*		Stewart	61	6-1-1876	115	2.30	9.2
			Stewart	80	6-1-1882	80	1.60	
			Stewart	82	6-1-1882	22	.44	
			Stewart	83	6-1-1882	22	.44	
			Stewart	84	6-1-1882	68	1.36	
			Stewart	85	6-1-1882	110	2.20	
			Stewart	85A	6-1-1882	80	1.60	
			Stewart	85A	6-1-1882	36	.72*	
Joplin			Stewart	81	6-1-1882		.80	2.06
			Stewart	115	6-1-1889		.06	
			Stewart	116	6-1-1889		1.20	
Seven Suckers	38 39		Stewart			52	1.04	1.04
			Stewart					
Phyllis			Stewart	90	6-1-1884	2655	53.10	670.50
			Stewart	117	9-1-1890	10000	200.00	
			Stewart	135	4-1-1904	2817	56.34	
			Bryan	3	4-1-1905	15328	306.56	
			Bryan	4	4-1-1908	2725	54.50	
Eureka No. 1			Stewart	13	6-1-1865	1666	33.32	33.32
Caldwell High Line			Stewart	34	6-1-1866	770	15.40	80.20
			Stewart	46	6-1-1869	1860	37.20	
			Stewart	77	10-29-1880	1380	27.60	
Farmers Coop. Ditch			Stewart	60	6-1-1875	500	10.00	317.95
			Stewart	86	6-1-1883	1000	20.00	
			Stewart	105	7-1-1888	2500	50.00	
			Stewart	129	7-1-1896	4175	83.50	
			Bryan		4-1-1905	7722	154.45	

*Subtract

Chart No. 25-E

DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

in D.	Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
			No.	Date	Inches	Sec. Ft.	
		Stewart	61	6-1-1876	115		
		Stewart	80	6-1-1882	80	2.30	
		Stewart	82	6-1-1882	22	1.60	
		Stewart	83	6-1-1882	22	.44	
		Stewart	84	6-1-1882	22	.44	
		Stewart	85	6-1-1882	68	1.36	
		Stewart	85A	6-1-1882	110	2.20	
		Stewart	85A	6-1-1882	80	1.60	
					36	.72*	9.22
		Stewart	81	6-1-1882			
		Stewart	115	6-1-1889		.80	
		Stewart	116	6-1-1889		.06	
						1.20	2.06
		Stewart			52		
		Stewart				1.04	1.04
		Stewart	90	6-1-1884	2655	53.10	
		Stewart	117	9-1-1890	10000	200.00	
		Stewart	135	4-1-1904	2817	56.34	
		Bryan	3	4-1-1905	15328	306.56	
		Bryan	4	4-1-1908	2725	54.50	670.50
		Stewart	13	6-1-1865	1666	33.32	33.32
		Stewart	34	6-1-1866	770	15.40	
		Stewart	46	6-1-1869	1860	37.20	
		Stewart	77	10-29-1880	1380	27.60	80.20
		Stewart	60	6-1-1875	500	10.00	
		Stewart	86	6-1-1883	1000	20.00	
		Stewart	105	7-1-1888	2500	50.00	
		Stewart	129	7-1-1896	4175	83.50	
		Bryan		4-1-1905	7722	154.45	317.95

Chart No. 25-E

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

in P.	Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
			No.	Date	Inches	Sec. Ft.	
		Stewart	61	6-1-1876	115		
		Stewart	80	6-1-1882	80	2.30	
		Stewart	82	6-1-1882	22	1.60	
		Stewart	83	6-1-1882	22	.44	
		Stewart	84	6-1-1882	22	.44	
		Stewart	85	6-1-1882	68	1.36	
		Stewart	85A	6-1-1882	110	2.20	
		Stewart	85A	6-1-1882	80	1.60	
				6-1-1882	36	.72*	9.22
		Stewart	81	6-1-1882			
		Stewart	115	6-1-1889		.80	
		Stewart	116	6-1-1889		.06	
						1.20	2.06
		Stewart			52		
		Stewart				1.04	1.04
		Stewart	90	6-1-1884	2655	53.10	
		Stewart	117	9-1-1890	10000	200.00	
		Stewart	135	4-1-1904	2817	56.34	
		Bryan	3	4-1-1905	15328	306.56	
		Bryan	4	4-1-1908	2725	54.50	670.50
		Stewart	13	6-1-1865	1666	33.32	33.32
		Stewart	34	6-1-1866	770	15.40	
		Stewart	46	6-1-1869	1860	37.20	
		Stewart	77	10-29-1880	1380	27.60	80.20
		Stewart	60	6-1-1875	500	10.00	
		Stewart	86	6-1-1883	1000	20.00	
		Stewart	105	7-1-1888	2500	50.00	
		Stewart	129	7-1-1896	4175	83.50	
		Bryan		4-1-1905	7722	154.45	317.95

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Decree	Priority		Amount Decreed		
				No.	Date	Inches	Sec. Ft.	\$
Canyon Ditch Co.			Stewart	132	5-17-1900	500	10.00	
			Stewart	134	10-25-1901	277	5.54	
		381	Stewart	96	10-1-1887	605	12.10	
		105	Stewart	9	6-1-1865	25	.50	
Siebenberg			Stewart	9	6-1-1865	671	13.42	
		105*	Stewart	9	6-1-1865	25	.50*	
Riverside Irrig.			Stewart	88	6-1-1883	600	12.00	
			Stewart	91	6-1-1884	1000	20.00	
			Stewart	95	1-23-1887	200	4.00	
			Stewart	124	5-1-1893	4000	80.00	
			Stewart	130	10-1-1899	1000	20.00	
			Stewart	133	6-1-1901	3500	70.00	
			Additional	77A	4-15-1882	184	3.68	
			Additional	116A	6-1-1890	36	.72	
			Additional	116B	6-1-1890	65	.10	
			Additional	116C	6-1-1890	20	.40	
	35					100	2.00	
			Bryan		4-1-1910	3189	63.78	
					4-1-1914	885	17.70	294.
Pioneer-Dixie			Stewart	8	6-1-1864	1000	20.00	
			Stewart	45	6-1-1869	1772	35.44	
		36	Stewart	96	10-1-1887	100	2.00	
		48	Stewart	96	10-1-1887	210	4.20	
		111*	Stewart			1017	20.34*	40.
		62*	Stewart			50	1.00*	
Eureka No. 2			Stewart	89	11-8-1883	1085	21.70	
		47	Stewart	96	10-1-1887	1475	29.50	
		62	Stewart	96	10-1-1887	50	1.00	
		71	Stewart	24	6-1-1865	40	.80	
		85	Stewart			25	.50	52.
		111*	Stewart	96		60	1.20*	

*Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

e in f D.	Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
			No.	Date	Inches	Sec. Ft.	
		Stewart	132	5-17-1900	500	10.00	
		Stewart	134	10-25-1901	277	5.54	
	381	Stewart	96	10-1-1887	605	12.10	
	105	Stewart	9	6-1-1865	25	.50	28.14
		Stewart	9	6-1-1865	671	13.42	
	105*	Stewart	9	6-1-1865	25	.50*	12.92
		Stewart	88	6-1-1883	600	12.00	
		Stewart	91	6-1-1884	1000	20.00	
		Stewart	95	1-23-1887	200	4.00	
		Stewart	124	5-1-1893	4000	80.00	
		Stewart	130	10-1-1899	1000	20.00	
		Stewart	133	6-1-1901	3500	70.00	
		Additional	77A	4-15-1882	184	3.68	
		Additional	116A	6-1-1890	36	.72	
		Additional	116B	6-1-1890	65	.10	
		Additional	116C	6-1-1890	20	.40	
					100	2.00	
		Bryan		4-1-1910	3189	63.78	
				4-1-1914	885	17.70	294.38
		Stewart	8	6-1-1864	1000	20.00	
		Stewart	45	6-1-1869	1772	35.44	
	36	Stewart	96	10-1-1887	100	2.00	
	48	Stewart	96	10-1-1887	210	4.20	
	111*	Stewart			1017	20.34*	
	62*	Stewart			50	1.00*	40.30
		Stewart	89	11-8-1883	1085	21.70	
		Stewart	96	10-1-1887	1475	29.50	
	47	Stewart	96	10-1-1887	50	1.00	
	62	Stewart	96	6-1-1865	40	.80	
	71	Stewart	24		25	.50	
	85	Stewart			60	1.20*	
	111*	Stewart	96				52.30

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	<u>To Sec.</u>
Upper Cen. Point	85*	71*	Stewart	23	6-1-1865	160	3.20	
			Stewart	24	6-1-1865	120	2.40	
			Stewart	25	6-1-1865	197	3.94	
			Stewart	26	6-1-1865	80	1.60	
			Stewart	27	6-1-1865	79	1.58	
			Stewart			40	.80*	
			Stewart			25	.50*	11.
Lower Center Point	50* 50*		Stewart	19	6-1-1865	144	2.88	
			Stewart	22	6-1-1865	160	3.20	
			Stewart	38	6-1-1868	160	3.20	
			Stewart	43	6-1-1869	180	3.60	
			Stewart	73	6-1-1879	200	4.00	
			Stewart	20	6-1-1865	320	6.40	
			Stewart	21	6-1-1865	145	2.90	
			Stewart	19	6-1-1865	144	2.88*	
			Stewart	20	6-1-1865	320	6.40*	16.9
Bowman & Swisher	50 51 127*		Stewart	19	6-1-1865	144	2.88	
			Stewart	20	6-1-1865	320	6.40	
			Stewart		6-1-1865	40	.80*	8.4
Mammon			Stewart	41	6-1-1869	90	1.80	
			Stewart	68	6-1-1878	210	4.20	
			Stewart	69	6-1-1878	168	3.36	9.36
Haas Ditch			Stewart	39	6-1-1868	427	8.54	
			Stewart	70	6-1-1878	440	8.80	17.3
Island High Line			Additional	71A	4-1-1879	150	3.00	
			Additional	137A	4-1-1910	350	7.00	
			Additional	139	4-1-1915	500	10.00	20.0
Larsen-Baxter-Lemp	127		Additional	75A	1880	40	.80	
				127	6-1-1865	160	3.20	4.0

*Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Range in No. of D.	Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
			No.	Date	Inches	Sec. Ft.	
85*	71*	Stewart	23	6-1-1865	160	3.20	11.42
		Stewart	24	6-1-1865	120	2.40	
		Stewart	25	6-1-1865	197	3.94	
		Stewart	26	6-1-1865	80	1.60	
		Stewart	27	6-1-1865	79	1.58	
		Stewart			40	.80*	
		Stewart			25	.50*	
		Stewart					
50* 50*		Stewart	19	6-1-1865	144	2.88	16.90
		Stewart	22	6-1-1865	160	3.20	
		Stewart	38	6-1-1868	160	3.20	
		Stewart	43	6-1-1869	180	3.60	
		Stewart	73	6-1-1879	200	4.00	
		Stewart	20	6-1-1865	320	6.40	
		Stewart	21	6-1-1865	145	2.90	
		Stewart	19	6-1-1865	144	2.88*	
		Stewart	20	6-1-1865	320	6.40*	
		Stewart					
50 51 127*		Stewart	19	6-1-1865	144	2.88	8.48
		Stewart	20	6-1-1865	320	6.40	
		Stewart		6-1-1865	40	.80*	
		Stewart	41	6-1-1869	90	1.80	9.36
		Stewart	68	6-1-1878	210	4.20	
		Stewart	69	6-1-1878	168	3.36	
		Stewart	39	6-1-1868	427	8.54	17.34
		Stewart	70	6-1-1878	440	8.80	
		Additional	71A	4-1-1879	150	3.00	20.00
		Additional	137A	4-1-1910	350	7.00	
		Additional	139	4-1-1915	500	10.00	
emp 127		Additional	75A	1880	40	.80	4.00
			127	6-1-1865	160	3.20	

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Name of Canal</u>	<u>Change in P. of D.</u>	<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		<u>Total Sec. Ft.</u>
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	
Boone Ditch			Stewart	28		350	7.00	
			Stewart	47		175	3.50	
			Stewart	59		110	2.20	12.7
Andrews Ditch			Stewart	4	6-1-1864	165	3.30	
			Stewart	29	6-1-1865	300	6.00	
			Stewart	51	6-1-1870	65	1.30	
			Stewart	104	6-1-1888	45	.90	
			Stewart	121	6-1-1891	175	3.50	
			Stewart	44	6-1-1869	425	8.50	23.50
Parma Ditch			Stewart	71	6-1-1878	220	4.40	
			Stewart	74	6-1-1880	88	1.76	
			Stewart	125	6-1-1894	88	1.76	
			Stewart	77A	6-1-1881	80	1.60	
			Stewart	77B	6-1-1881	17	.34	
			Stewart	77C	6-1-1881	40	.80	
			Stewart	77D	6-1-1881	65	1.30	11.96
O'Donnell Ditch			Stewart	114A	5-1-1839	80	1.60	
			Stewart	114B	5-1-1839	40	.80	2.40

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Change in of D.	Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
			No.	Date	Inches	Sec. Ft.	
		Stewart	28		350	7.00	
		Stewart	47		175	3.50	
		Stewart	59		110	2.20	12.70
		Stewart	4	6-1-1864	165	3.30	
		Stewart	29	6-1-1865	300	6.00	
		Stewart	51	6-1-1870	65	1.30	
		Stewart	104	6-1-1888	45	.90	
		Stewart	121	6-1-1891	175	3.50	
		Stewart	44	6-1-1869	425	8.50	23.50
		Stewart	71	6-1-1878	220	4.40	
		Stewart	74	6-1-1880	88	1.76	
		Stewart	125	6-1-1894	88	1.76	
		Stewart	77A	6-1-1881	80	1.60	
		Stewart	77B	6-1-1881	17	.34	
		Stewart	77C	6-1-1881	40	.80	
		Stewart	77D	6-1-1881	65	1.30	11.96
		Stewart	114A	5-1-1839	80	1.60	
		Stewart	114B	5-1-1889	40	.80	2.40

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 To Fill</u>
1	Thomas Davis	1	2.20	1.65	1.32			
2	Jacobs Canal Co.*	1	20.00	20.00	20.00		1152.58	14
3	Middleton Mill Ditch Co.	1	12.80	9.60	7.68		1154.50	14
4	Thomas Andrews	3	3.30	2.47	1.98			
5	Catlin & Mace	1	2.86	2.15	1.71		1154.93	14
6	T. C. Catlin	1	3.30	2.47	1.98		1155.43	14
7	C. C. Havird	1	3.30	2.47	1.98		1155.93	14
8	Pioneer Dixie Ditch Co.	2	20.00	15.00	12.00			
8A	Adolph Bahler	1	.80	.60	.48		1156.05	14
8B	First Nat'l. Bank of Pueblo	1	1.80	1.35	1.08		1156.32	14
9	Siebenberg	2	13.42	10.07	8.05			14
10	Allen V. Webster	1	1.20	.90	.72		1156.50	14
11	J. F. Yaryan	1	.66	.49	.40		1156.60	14
12	Graham & Gilbert	1	4.40	3.30	2.64		1157.26	14
13	Eureka Water Co.	1	33.32	24.99	19.99		1162.26	14
14	New Union Ditch Co.	1	13.76	10.32	8.26		1164.32	14
15	Boise Valley Irrigation Co.	1	54.58	40.94	32.75		1172.51	15
16	Ridenbaugh & Rossi	1	9.20	6.90	5.52		1173.89	15
17	Ridenbaugh & Rossi (Power)	1						
18	Denver & Idaho Land Co.	1	.80	.60	.48		1174.01	15
19	Martha Bowman	2	2.88	2.16	1.73			15
20	Bird Bowman	2	6.40	4.80	3.84			15
21	G. W. Gess	2	2.90	2.18	1.74			15
22	Robert McGuire	2	3.20	2.40	1.92			15
23	C. W. Cooper	2	3.20	2.40	1.92			15
24	J. W. Rowland	2	2.40	1.80	1.44			15
25	Draper & Wells	2	3.94	2.96	2.36			15
26	Thomas J. Palmer	2	1.60	1.20	.96			15
27	Noah W. Palmer	2	1.58	1.19	.95			15
28	J. N. Tucker	3	7.00	5.25	4.20			
29	Thomas Andrews	3	6.00	4.50	3.60			
29A	Louise Siomonson	1	6.00	4.50	3.60		1174.91	15
29B	S. G. Hardies & Amelia Eisley	1	.50	.38	.30		1174.99	15
30	J. Perrault & R. Johnson*	1	50.00	50.00	50.00			
31	William P. Kennedy	1	2.60	1.95	1.56		1175.38	15
31A	Wm. Musser	1	2.30	1.73	1.38		1175.73	15
31B	Minnie & Jerry Couzens	1	.60	.45	.36		1175.82	15
31C	Albert C. Bowerman	1	1.10	.83	.66		1175.99	15
32	Manville & Leonard	1	3.50	2.63	2.10		1176.51	15
33	Boise City Canal Co.	1	38.06	28.55	22.83	22.83	1182.22	15
34	Franklin Ditch Co.	1	15.40	11.55	9.24	32.07	1184.53	15
35	Canyon County Water Co.	1	75.80	56.85	45.48	77.55	1195.90	15
35A	Ralph T. Knight	1	1.76	1.32	1.06	78.61	1196.16	15
36	Martha E. McCarthy	1	14.10	10.58	8.46	87.07	1198.28	15

* These rights have been finally adjudicated by the Supreme Court and are not cut below 100%.

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

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	2.20	1.65	1.32			
1	20.00	20.00	20.00		1152.58	1465.17
Co. 1	12.80	9.60	7.68			
3	3.30	2.47	1.98		1154.50	1468.37
1	2.86	2.15	1.71			
1	3.30	2.47	1.98		1154.93	1469.09
1	3.30	2.47	1.98		1155.43	1469.92
Co. 2	20.00	15.00	12.00		1155.93	1470.75
1	.80	.60	.48			1475.75
Pueblo 1	1.80	1.35	1.08		1156.05	1475.95
2	13.42	10.07	8.05		1156.32	1476.40
1	1.20	.90	.72			1479.76
1	.66	.49	.40		1156.50	1480.06
1	4.40	3.30	2.64		1156.60	1480.23
1	33.32	24.99	19.99		1157.26	1481.33
1	13.76	10.32	8.26		1162.26	1489.66
ion Co. 1	54.58	40.94	32.75		1164.32	1493.10
1	9.20	6.90	5.52		1172.51	1506.75
Power) 1					1173.89	1509.05
Co. 1	.80	.60	.48			
2	2.88	2.16	1.73		1174.01	1509.25
2	6.40	4.80	3.84			1509.97
2	2.90	2.18	1.74			1511.57
2	3.20	2.40	1.92			1512.30
2	3.20	2.40	1.92			1513.10
2	2.40	1.80	1.44			1513.90
2	3.94	2.96	2.36			1514.50
2	1.60	1.20	.96			1515.48
2	1.58	1.19	.95			1515.88
3	7.00	5.25	4.20			1516.27
3	6.00	4.50	3.60			
1	6.00	4.50	3.60		1174.91	1517.77
lia Elaley 1	.50	.38	.30		1174.99	1517.90
nnson* 1	50.00	50.00	50.00			
1	2.60	1.95	1.56			
1	2.30	1.73	1.38		1175.38	1518.55
1	.60	.45	.36		1175.73	1519.13
1	1.10	.83	.66		1175.82	1519.28
1	3.50	2.63	2.10		1175.99	1519.56
1	38.06	28.55	22.83	22.83	1176.51	1520.44
1	15.40	11.55	9.24	32.07	1182.22	1529.96
Co. 1	75.80	56.85	45.48	77.55	1184.53	1533.81
1	1.76	1.32	1.06	78.61	1195.90	1552.76
1	14.10	10.58	8.46	87.07	1196.16	1553.20
					1198.28	1556.73

finally adjudicated by the Supreme Court and are not cut below 100%.

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 Necessa To Fill to 7</u>
37	H. D. & Dora Goodman	1	3.70	2.78	2.22		
38	T. T. Johnson	2	3.20	2.40	1.92		1198.84
39	Ross, Allen, Dilley & Ross	3	8.54	6.41	5.12		
40	S. S. Gray	1	1.40	1.05	.84	90.13	1199.05
41	John Mammon	3	1.80	1.35	1.08		
42	Isaac Bedal	1	1.60	1.20	.96	91.09	1199.29
43	Frederich Ode	2	3.60	2.70	2.16		
44	Prior Burnett	3	8.50	6.38	5.10		
45	Pioneer Dixie Ditch Co.	2	35.44	26.58	21.26		
46	Mason Creek Ditch Co.	1	37.20	27.90	22.32	113.41	1204.87
47	T. W. Boone	3	3.50	2.63	2.10		
47A	Adolph Bahler	1	.80	.60	.48	113.89	1204.99
48	W. J. Hamming	1	2.60	1.95	1.56	115.45	1205.38
49	Pioneer Canal	1	25.72	19.29	15.43	130.88	1209.24
50	Barber Lumber Co.	1	2.24	1.68	1.34	132.22	1209.58
51	Thomas Andrews	3	1.30	.98	.78		
51A	S. G. Hardies & Amelia Easley	1	1.00	.75	.60	132.82	1209.73
52	Catlin & Mace	1	7.86	5.90	4.72	137.54	1210.91
53	Peter Meeves	1	1.80	1.35	1.08	138.62	1211.18
54	Middleton Mill Ditch Co.	1	33.70	25.28	20.22	158.84	1216.24
55	J. F. Yaryan	1	.70	.53	.42	159.26	1216.35
56	J. F. Yaryan	1	1.40	1.05	.84	160.10	1216.56
57	Mary C. Davis	1	4.40	3.30	2.64	162.74	1217.22
58	Edward N. Hart	1	3.30	2.47	1.98	164.72	1217.72
59	T. W. Boone	3	2.20	1.65	1.32		
60	Farmer's Coop. Ditch Co.	2	10.00	7.50	6.00		
61	Edward & Mary Clark	1	2.30	1.73	1.38	166.10	1218.07
62	John Cecil	1	.44	.33	.26	166.36	1218.14
63	Thomas Aiken	1	5.20	3.90	3.12	169.48	1218.92
64	W. H. Conway	1	.90	.68	.54	170.02	1219.06
65	Middleton Water Co.	1	114.08	85.56	68.45	238.47	1236.17
66	Perrault & Johnson (Power)	1					
66A	J. S. Kraus	1	.80	.60	.48	238.95	1236.29
66B	H. E. Plain	1	.80	.60	.48	239.43	1236.41
66C	J. W. Kolander	1	1.40	1.05	.84	240.27	1236.62
66D	M. T. Griffith	1	.80	.60	.48	240.75	1236.74
67	Nampa-Meridian Irrig. Dist.	1	170.00	127.50	102.00	342.75	1262.24
68	John Mammon	3	4.20	3.15	2.52		
69	Julia Mammon	3	3.36	2.52	2.02		
70	Charles Allen	3	8.80	6.60	5.28		
71	R. H. Stockton	3	4.40	3.30	2.64		
71A	Island Highline Ditch Co.	3	3.00	2.25	1.80		
72	New Dry Creek Ditch Co.	1	31.32	23.49	18.79	361.54	1266.94
73	D. Mumford	2	4.00	3.00	2.40		

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

	<u>River</u> <u>Section</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>
Goodman	1	3.70	2.78	2.22			
Dilley & Ross	2	3.20	2.40	1.92		1198.84	1557.66
	3	8.54	6.41	5.12			1558.46
	1	1.40	1.05	.84	90.13	1199.05	1558.81
	3	1.80	1.35	1.08			
	1	1.60	1.20	.96	91.09	1199.29	1559.21
	2	3.60	2.70	2.16			1560.11
Ditch Co.	3	8.50	6.38	5.10			
Ditch Co.	2	35.44	26.58	21.26			
	1	37.20	27.90	22.32			1568.97
	3	3.50	2.63	2.10	113.41	1204.87	1578.27
	1	.80	.60	.48			
	1	2.60	1.95	1.56	113.89	1204.99	1578.47
	1	25.72	19.29	15.43	115.45	1205.38	1579.12
	1	2.24	1.68	1.34	130.88	1209.24	1585.55
	3	1.30	.98	.78	132.22	1209.58	1586.11
es & Amelia Easley	1	1.00	.75	.60			
ce	1	7.86	5.90	4.72	132.82	1209.73	1586.36
es	1	1.80	1.35	1.08	137.54	1210.91	1588.33
Hill Ditch Co.	1	33.70	25.28	20.22	138.62	1211.18	1588.78
an	1	.70	.53	.42	158.84	1216.24	1597.21
an	1	1.40	1.05	.84	159.26	1216.35	1597.39
vis	1	4.40	3.30	2.64	160.10	1216.56	1597.74
hart	1	3.30	2.47	1.98	162.74	1217.22	1598.84
	3	2.20	1.65	1.32	164.72	1217.72	1599.67
oop. Ditch Co.	2	10.00	7.50	6.00			
ary Clark	1	2.30	1.73	1.38	166.10	1218.07	1602.17
	1	.44	.33	.26	166.36	1218.14	1602.74
en	1	5.20	3.90	3.12	169.48	1218.92	1602.86
ay	1	.90	.68	.54	170.02	1219.06	1604.16
Water Co.	1	114.08	85.56	68.45	238.47	1236.17	1604.39
Johnson (Power)	1						1632.91
	1	.80	.60	.48	238.95	1236.29	1633.11
	1	.80	.60	.48	239.43	1236.41	1633.31
nder	1	1.40	1.05	.84	240.27	1236.62	1633.66
with	1	.80	.60	.48	240.75	1236.74	1633.86
lian Irrig. Dist.	1	170.00	127.50	102.00	342.75	1262.24	1676.36
	3	4.20	3.15	2.52			
on	3	3.36	2.52	2.02			
len	3	8.80	6.60	5.28			
ton	3	4.40	3.30	2.64			
aline Ditch Co.	3	3.00	2.25	1.80			
ek Ditch Co.	1	31.32	23.49	18.79	361.54	1266.94	1684.19
	2	4.00	3.00	2.40			1685.19

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 Necess To Fill to 7</u>
73A	Goble & Songer	1					
74	Smith Stockton	3	.54	.41	.32	361.86	1267.0
75	Isham Joplin	1	1.76	1.32	1.06		
75A	C. B. Frank	1	2.40	1.80	1.44	363.30	1267.38
75A	Albert Lemp et al	1	.816	.61	.49	363.79	1267.50
76	Joseph Goble	3	3.20	2.40	1.92		
77	Franklin Ditch Co.	1	.90	.68	.54	364.33	1267.64
77A	Gus A. Barth	1	27.60	20.75	16.56	380.89	1271.78
77B	Charles Jurries	3	1.60	1.20	.96		
77C	James Finlay	3	.34	.26	.20		
77D	Lester J. Shippy	3	.80	.60	.48		
77E	Roc Helms	3	1.30	.98	.78		
78	Allen V. Webster	2	3.674	2.76	2.20		
79	Susie Campbell	1	.90	.68	.54	381.43	1271.92
80	J. T. Barber	1	.60	.45	.36	381.79	1272.01
81	Sonora Joplin	1	1.60	1.20	.96	382.75	1272.25
82	S. W. Hutchinson	1	3.40	2.55	2.04	384.79	1272.76
83	Johnson	1	.44	.33	.26	385.05	1272.83
84	Andrew J. Joplin	1	.44	.33	.26	385.31	1272.90
85	James L. Graham	1	2.86	2.15	1.72	387.03	1273.33
85A	Leo Marsters	1	2.20	1.65	1.32	388.35	1273.66
85B	Jacob Bingham	1	1.60	1.20	.96	389.31	1273.90
85C	Wm. Huckba	1	1.00	.75	.60	389.91	1274.05
85D	C. H. Schmelzer	1	.203	.15	.12	390.03	1274.08
85E	C. W. McClurg	1	.7506	.56	.45	390.48	1274.19
86	Farmers Coop. Ditch	1	.35	.26	.21	390.69	1274.24
87	Francis M. Joplin	2	20.00	15.00	12.00		
88	W. A. Black	1	.90	.68	.54	391.23	1274.40
89	Eureka Ditch Co. No. 2	2	12.00	9.00	7.20		
90	Pioneer Irrigation Dist.	2	21.70	16.28	13.02		
91	Riverside Irrig. Dist.	1	53.10	39.83	31.86	423.09	1282.35
92	Settlers Canal Co.	2	20.00	15.00	12.00		
93	New Dry Creek Co.	1	99.06	74.30	59.44	482.53	1297.21
94	Thomas Davis	1	15.22	11.42	9.13	491.66	1299.49
95	Wm. E., L. & E. Young	1	13.40	10.05	8.04	499.70	1301.50
96	American Ditch Assoc.	2	4.00	3.00	2.40		
97	New Dry Creek Ditch	2	47.80	35.85	28.68		
98	A. V. Linder	1	7.86	5.90	4.72	504.42	1302.68
99	Levi Smith	1	4.00	3.00	2.40	506.82	1303.28
100	Charlotte Calhoun	1	1.30	.98	.78	507.60	1303.48
101	Ed J. Linder	1	1.40	1.05	.84	508.44	1303.69
102	Lizzie Everett	1	1.46	1.10	.88	509.32	1303.91
103	Jessie Wilson	1	1.20	.90	.72	510.04	1304.09
104	Thomas Andrews	1	1.40	1.05	.84	510.88	1304.30
		3	.90	.68	.54		

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

<u>River</u> <u>Section</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>
1	.54	.41	.32			
3	1.76	1.32	1.06	361.86	1267.02	1685.33
1	2.40	1.80	1.44			
1	.816	.61	.49	363.30	1267.38	1685.93
3	3.20	2.40	1.92	363.79	1267.50	1686.13
1	.90	.68	.54			
1	277.60	20.75	16.56	364.33	1267.64	1686.36
3	1.60	1.20	.96	380.89	1271.78	1693.26
3	.34	.26	.20			
3	.80	.60	.48			
3	1.30	.98	.78			
2	3.674	2.76	2.20			
1	.90	.68	.54			1694.18
1	.60	.45	.36	381.43	1271.92	1694.41
1	1.60	1.20	.96	381.79	1272.01	1694.56
1	3.40	2.55	2.04	382.75	1272.25	1694.96
1	.44	.33	.26	384.79	1272.76	1695.81
1	.44	.33	.26	385.05	1272.83	1695.92
1	2.86	2.15	1.72	385.31	1272.90	1696.03
1	2.20	1.65	1.32	387.03	1273.33	1696.75
1	1.60	1.20	.96	388.35	1273.66	1697.30
1	1.00	.75	.60	389.31	1273.90	1697.70
1	.203	.15	.12	389.91	1274.05	1697.95
1	.7506	.56	.45	390.03	1274.08	1698.00
1	.35	.26	.21	390.48	1274.19	1698.19
2	20.00	15.00	12.00	390.69	1274.24	1698.28
1	.90	.68	.54			1703.28
2	12.00	9.00	7.20	391.23	1274.40	1703.51
2	21.70	16.28	13.02			1706.51
1	53.10	39.83	31.86	423.09	1282.35	1711.94
2	20.00	15.00	12.00			1725.22
1	99.06	74.30	59.44	482.53	1297.21	1730.22
1	15.22	11.42	9.13	491.66	1299.49	1754.99
1	13.40	10.05	8.04	499.70	1301.50	1758.80
2	4.00	3.00	2.40			1761.15
2	47.80	35.85	28.68			1763.15
1	7.86	5.90	4.72	504.42	1302.68	1775.10
1	4.00	3.00	2.40	506.82	1303.28	1777.07
1	1.30	.98	.78	507.60	1303.48	1778.07
1	1.40	1.05	.84	508.44	1303.69	1778.40
1	1.46	1.10	.88	509.32	1303.91	1778.75
1	1.20	.90	.72	510.04	1304.09	1779.12
1	1.40	1.05	.84	510.88	1304.30	1779.42
3	.90	.68	.54			1779.77

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>
105	Farmers Coop. Ditch	2	50.00				
106	Nampa-Meridian Irr. Dist.	1	370.84	37.50	30.00		
107	Charles S. Miller	1		278.13	222.50	733.38	1359.93
108	Lammis L. Hosley	1	.06	.05	.04	733.42	1359.93
109	S. J. Utter, & C. B. Taylor	1	.02	.015	.01	733.43	1359.93
110	South Boise Mutual Irr. Co.	1	2.40	1.80	1.44	734.87	1360.29
111	Estate of J. H. Gallagher	1	6.00	4.50	3.60	738.47	1361.19
112	Anna H. Fogarty	1	2.94	2.21	1.76	740.23	1361.63
113	Grace Call	1	.05	.04	.03	740.26	1361.63
114	Samuel H. Canfield	1	.10	.08	.06	740.32	1361.64
114A	Neil & Patrick O'Donnell	1	.03	.02	.02	740.34	1361.64
114B	Gus A. Barth	3	1.60	1.20	.96		
115	Sonora Joplin	1	.80	.60	.48		
116	Sonora Joplin	1	.06	.05	.04	740.38	1361.64
116A	S. G. Hardies & Amelia Eisley	1	1.20	.90	.72	741.10	1361.82
116A	Anna Spencer	2	.84	.63	.50	741.60	1361.95
116B	Willis Spencer	2	.72	.54	.43		
116C	Rebecca Bell	2	.10	.08	.06		
117	Pioneer Irr. Dist.	2	.40	.30	.24		
118	W. H. Conway	1	200.00	150.00	120.00	861.60	1391.97
119	Thomas Davis	1	2.20	1.65	1.32	862.92	1392.28
120	Middleton Mill Ditch	1	.54	.41	.32	863.24	1392.36
121	Thomas Andrews	1	17.00	12.75	10.20	873.44	1394.91
122	Settlers Canal Co.	3	3.50	2.63	2.10		
123	Thomas Aiken	1	73.44	55.08	44.06	917.50	1405.93
124	Riverside Irr. Dist.	1	.80	.60	.48	917.98	1406.05
124A	W. D. Charters	2	80.00	60.00	48.00		
125	R. H. Stockton	1	1.00	.75	.60	918.58	1406.20
126	Farmers Union Ditch	3	1.76	1.32	1.06		
127	Charles Rein & James Keogh	1	110.00	82.50	66.00	984.58	1422.70
128	Mathew Casey	1	1.00	.75	.60	985.18	1422.85
129	Farmers Coop. Ditch	1	.66	.50	.40	985.58	1422.95
130	Riverside Irr. Dist.	2	83.50	62.63	50.10		
131	New York Canal Co.	2	20.00	15.00	12.00	1117.04	1455.82
132	Canyon Ditch Co.	1	219.10	164.33	131.46		
133	Riverside Irrig. Dist.	2	10.00	7.50	6.00		
134	Canyon Ditch Co.	2	70.00	52.50	42.00		
135	Pioneer Irr. Dist.	2	5.54	4.16	3.32		
136	H. E. Wimer	1	56.34	42.26	33.80	1150.84	1464.27
137	B. P. Weaverling	1	.356	.27	.21	1151.05	1464.32
137A	Island Highline Ditch Co.	1	1.60	1.20	.96	1152.01	1464.56
138	Wesley A. Mace	3	7.00	5.25	4.20		
139	Island Highline Ditch Co.	1	.40	.30	.24	1152.25	1464.62
		3	10.00	7.50	6.00		

(See Notes in front of report for further explanations)

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

Chart No. 26-C

26-C

	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%
Ditch	2	50.00					
Irr. Dist.	1	370.84	37.50	30.00			
er	1	.06	278.13	222.50	733.38		1797.27
y	1	.02	.05	.04	733.42	1359.93	1884.98
C. B. Taylor	1	2.40	.015	.01	733.43	1359.93	1885.00
ual Irr. Co.	1	6.00	1.80	1.44	734.87	1360.29	1885.00
Gallagher	1	2.94	4.50	3.60	738.47	1361.19	1885.60
	1	.05	2.21	1.76	740.23	1361.63	1887.10
ld	1	.10	.04	.03	740.26	1361.63	1887.84
O'Donnell	1	.03	.08	.06	740.32	1361.64	1887.85
	3	1.60	.02	.02	740.34	1361.64	1887.88
	3	.80	1.20	.96			1887.88
	1	.06	.60	.48			
Amelia Easley	1	1.20	.05	.04	740.38	1361.64	1887.90
	1	.84	.90	.72	741.10	1361.82	1888.20
	2	.72	.63	.50	741.60	1361.95	1888.41
	2	.10	.54	.43			1888.59
	2	.40	.08	.06			1888.62
st.	1	200.00	.30	.24			1888.72
	1	2.20	150.00	120.00	861.60	1391.97	1938.72
Ditch	1	.54	1.65	1.32	862.92	1392.28	1939.27
	1	17.00	.41	.32	863.24	1392.36	1939.41
Co.	3	3.50	12.75	10.20	873.44	1394.91	1943.66
	1	73.44	2.63	2.10			
Dist.	1	.80	55.08	44.06	917.50	1405.93	1962.02
	2	80.00	.60	.48	917.98	1406.05	1962.22
	1	1.00	60.00	48.00			1982.22
Ditch	3	1.76	.75	.60	918.58	1406.20	1982.47
James Keogh	1	110.00	1.32	1.06	984.58	1422.70	2009.97
	1	1.00	.75	.60	985.18	1422.85	2010.22
	1	.66	.50	.40	985.58	1422.95	2010.39
Ditch	2	83.50	62.63	50.10			2031.27
Dist.	2	20.00	15.00	12.00			2036.27
Co.	1	219.10	164.33	131.46	1117.04	1455.82	2091.05
	2	10.00	7.50	6.00			2093.55
. Dist.	2	70.00	52.50	42.00			2111.05
	2	5.54	4.16	3.32			2112.44
st.	1	56.34	42.26	33.80	1150.84	1464.27	2126.53
	1	.356	.27	.21	1151.05	1464.32	2127.02
	1	1.60	1.20	.96	1152.01	1464.56	
Ditch Co.	3	7.00	5.25	4.20			
	1	.40	.30	.24	1152.25	1464.62	
Ditch Co.	3	10.00	7.50	6.00			

report for further explanations)

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

<u>Priority Date</u>	<u>Name</u>	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 75%</u>
7-2-94	Farmers Union	54.46	40.85	32.68	2159.80	3922.75
3-23-00	New York Irrigation Dist.) Boise Kuna Irrig. Dist.)	58.86	44.15	35.32	2195.12	3931.58
12-14-03	United States of America	1354.58	1015.94	812.75	3007.87	4134.77
4-1-05	Pioneer Irrigation Dist.	306.56	229.92	183.94	3191.81	4180.75
4-1-05	Farmers Cooperative Ditch Co.	154.45	115.84	92.67	3284.48	4203.92
4-1-05	South Boise Mutual Ditch Co.	5.40	4.05	3.24	3287.72	4204.73
4-1-08	Pioneer Irrigation Dist.	54.50	40.88	32.70	3320.42	4212.91
6-1-09	United States of America	926.50	694.88	555.90	3876.32	4351.89
4-1-10	Riverside Irrigation Dist.	63.78	47.84	38.27	3914.59	4361.46
1-13-11*	United States of America (Arrowrock Storage)	8000.00				
4-1-14	Riverside Irrigation Dist.	17.70				

*For further information see text of this report, under heading, "Decree".

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

	<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>
ation Dist.)	54.46	40.85	32.68	2159.80	3922.75	4375.08
lg. Dist.)	58.86	44.15	35.32	2195.12	3931.58	4389.80
of America	1354.58	1015.94	812.75	3007.87	4134.77	4728.45
tion Dist.	306.56	229.92	183.94	3191.81	4180.75	4805.09
ative Ditch Co.	154.45	115.84	92.67	3284.48	4203.92	4843.70
tual Ditch Co.	5.40	4.05	3.24	3287.72	4204.73	4845.05
tion Dist.	54.50	40.88	32.70	3320.42	4212.91	4858.68
of America	926.50	694.88	555.90	3876.32	4351.89	5090.31
gation Dist.	63.78	47.84	38.27	3914.59	4361.46	5106.26
of America (Storage)	8000.00					13106.26
gation Dist.	17.70					13123.96

Information see text of this report, under heading, "Decree".



