

WATER DISTRIBUTION OF BOISE RIVER

DISTRICT NO. 12-A

1944

REPORT ON
CANAL DELIVERIES FROM

BOISE RIVER

AND

DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON OF

1944

(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

CHARTS

1944

1. Map of Boise River, showing canal diversions.
2. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G, 2-H, 2-I, 2-J, and 2-K are tables showing natural flow of Boise River by days for the period from 1895 to 1940 inclusive. 2-L and 2-M show the same information for the years 1941-42-43-44.
3. Table showing mean daily flow of Boise River for a 41-year period.
4. Table showing monthly and annual flow of Boise River in acre feet for the irrigation years from 1894-95 to 1943-44.
5. 5-A, 5-B, 5-C, 5-D, and 5-E, daily discharge of all canals (Sections 1 and 2) for the irrigation season of 1944.
6. Summary table in acre feet showing monthly and total canal diversions for the irrigation season of 1944.
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 1944.
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 1944.
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 1944.
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 1944.
12. Table showing acreage under all canals in the Boise Valley.

CHARTS

(continued)

13. Table for Boise Valley canals showing acre feet diverted, acres irrigated and acre feet per acre diverted for the season of 1944.
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 beginning 1916; also, the per cent 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 1944.
18. Two tables showing total discharge of all drainage canals in Drainage Districts No.'s 3 and 4, for the irrigation season of 1944.
19. Summary table of return flow to Boise River between the Government Diversion Dam and Notus beginning 1914.
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 Organisation for 1944 was the same that it has been for several years past. It includes a Chairman and Secretary, a Watermaster, one Assistant, for a few months during the summer, and a part time Secretary and Stenographer.

There was also an Advisory Committee, although not authorized by law, which includes the Chairman and Secretary. This Committee is elected at the annual meeting in March and is selected from various and representative sections of the Boise Valley. It meets on the fore-noon of the day of the annual meeting to prepare and consider a budget and such other items as seem necessary and advisable in order to cooperate with the Watermaster on various problems concerning water distribution of the Boise River. Special meetings are also called when the occasion requires.

This Committee for 1944 was as follows:

Ed Straus	Chairman
I. A. Weaver	Secretary
Ernest Anderson	
J. C. Bell	
T. M. DeCoursey	
John Diamond	
H. T. Evans	
C. B. Landy	
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 the 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 priorities and acreage, but remanded to the District Court for the sole and only purpose of determining the duty of water. In 1914 testimony was taken before the court as to the duty of water and was transcribed, which consists of approximately 2630 typewritten pages, but the final decree of the court as to the duty of water has never been entered. Judge Ed L. Bryan, Judge of the District Court of the SEVENTH JUDICIAL DISTRICT of the State of Idaho, issued a continuing order on May 31, 1919, which is still in effect, providing for the distribution of the waters of Boise River in the following manner, to-wit: "The various rights, as adjudicated in the so-called 'Stewart Decree' shall receive 100 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 decrease 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 or 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. On June 23, 1933, Judge Chas. E. Winstead of the Third Judicial District, sitting as Judge in the Seventh Judicial District for the state of Idaho, signed a continuing order making the order of Judge Sutton's for 1932 effective for 1933 and continuing. This order was 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.

Chart 26-D is a table showing the decreed rights contained in the Bryan Decree of 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, 1944 was 1,258,158 acre feet. At the beginning of the irrigation season on April 1st. it seemed quite evident from all information available regarding precipitation over the Boise River water-shed that 1944 would be an extremely short water year. However, an unusually heavy precipitation during the months of April and June, together with cool nights during almost the entire growing season, changed the conditions entirely. Although the total runoff was approximately 140,000 acre feet less than the amount generally required to irrigate the valley, there was with the exception of one or two canals, principally the Phyllis and New York Canals, practically no shortage and under those two canals the shortage was not anything like as serious as expected in the beginning of the season. In spite of the warning by various and numerous officials as to a probable water shortage, a large acreage of row crops was planted. These crops, however, were practically all matured due to the precipitation and cool weather referred to above.

Charts 2 to 2-E 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, 1943 and 1944.

Chart 3 is a table showing the mean daily flow of the Boise River for a 41-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

It was necessary to begin canal regulations about July 1st.

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

Chart 6 shows the monthly and total diversions for the Boise River for the irrigation season of 1944.

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 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, 1943 and 1944.

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TRIBUTARY GAIN

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

NET GAIN

Chart 9 shows the total flow of the Boise River passing Diversion Dam, canal deliveries, and gain to the River by months in acre feet, and also average daily flow for each month during the season of 1944.

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. 1944 was no exception to this rule.

CLASSIFICATION OF RIVER

The Boise River naturally divides itself into three separate and distinct parts. Section 1 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 2 includes that section which lies between the Caldwell High Line Canal and the Notus Bridge. Section 111 includes that part of the River between the Notus Bridge and the Snake River.

SECTION 1

Chart 10 shows the condition that existed in this section during the period July 1st to September 30th. inclusive. The average net gain in this section during this period was 178 second feet.

SECTION 11 (2)

Chart 11 (eleven) is a table showing the condition that existed in this section during the period from July 1st to September 30th. inclusive.

The average return flow to this section during this period was 454 second feet.

SECTION 111

The return flow to Section 111 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 ever 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 Hydro-graphic work on the Boise River and also for several years an In-structor at the University of Idaho on the same subject. He had made a very comprehensive study of the duty of water, especially on the Boise River and was well qualified on that subject. For these reasons, the following quotations are submitted with the endorsement of the writer:

1. "That a duty of water, if established, should be subject to change when conditions warrant. Conditions are continually changing. Our knowledge and methods of irrigation are improving. An arbitrary duty that would meet all requirements today might prove entirely in-adequate 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 deliver 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 miner's inches per acre. This, because no matter how much is diverted, all but a very small amount almost immediately returns to the river flow. To do this a system of rotation among themselves should be required.

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

The temporary court order providing for the "Sliding scale cuts", under which the Boise River has been operated for more than twenty five 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 for the season by 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 1944 and a summary for the same diversions since the completion of these drains in 1922. This Drainage District embraces an area of 29,000 acres situated on the north side of Boise River between the city of Boise and the canyon near Caldwell.

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

Chart 19 is a table showing the average return flow to the Boise River for the period beginning 1914.

ARROWROCK CAPACITY

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

ADDITIONAL DECREES OR INTERVENORS

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.

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 READINGS

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 - 1944

Watermaster Salary	\$ 3254.40
Assistant Watermaster Salary	245.40
Car Mileage	1154.95
Miscellaneous	326.92
Telephone	105.80
Gage Readings	42.00
Stenographic Services	639.29
Insurance	87.31
Withholding Tax..	<u>390.29</u>
Sub-Total	\$6246.36

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 1944 \$7276.36

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 the past twenty-nine 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 1 without injury to the rights in Section 11 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 11 to Section 1 is injurious to the rights already existing in Section 1 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 waterusers 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 waterusers 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 "Court Orders" under which the Boise River has been operated for more than 25 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 Court as a permanent duty of water for the Boise Valley, then an exception to said "sliding scale" should be made in the case of certain river bottom lands.

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.

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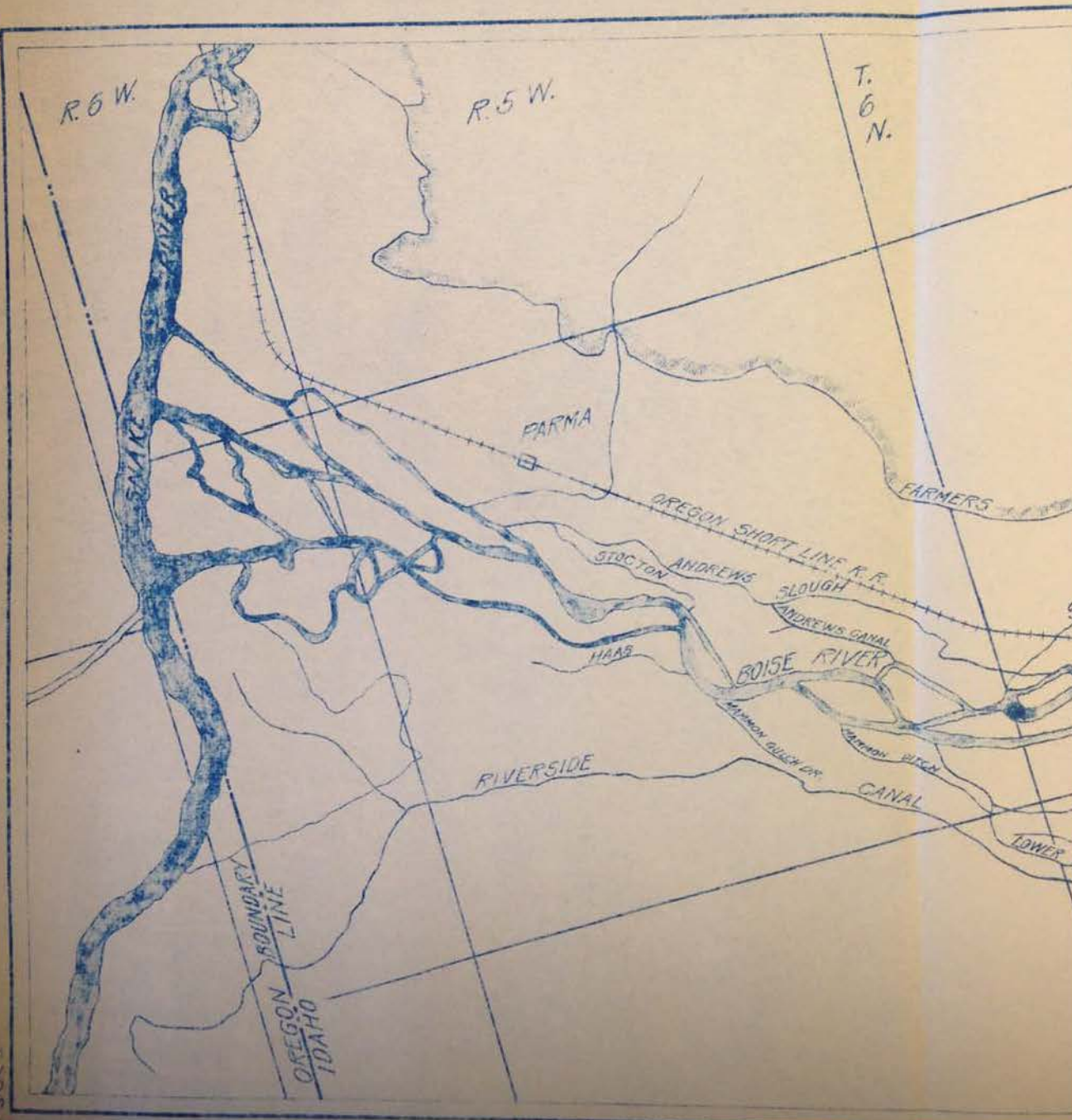


FLOW OF BOISE

Chart 2

Year	18.	19	29	30	31	Total
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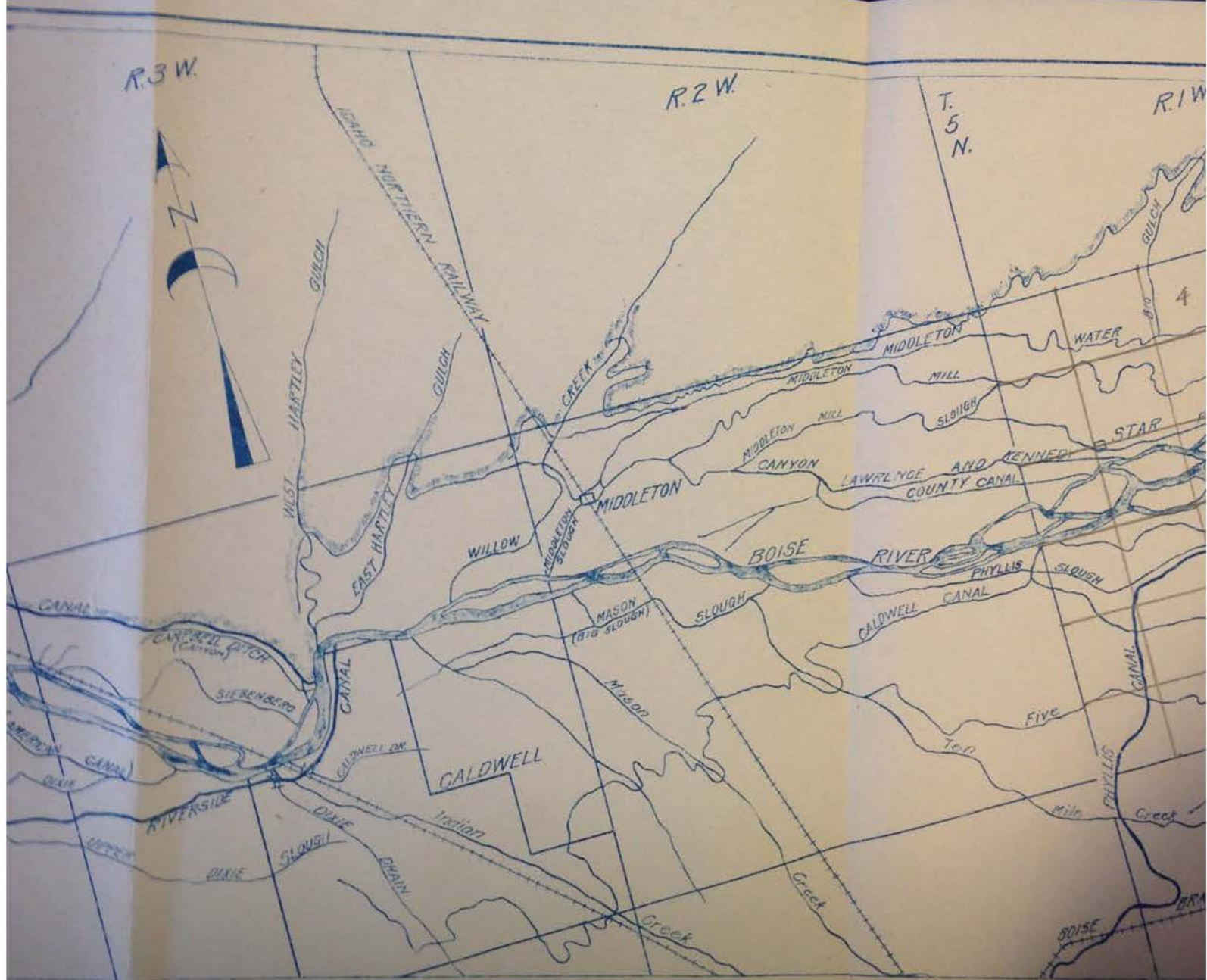
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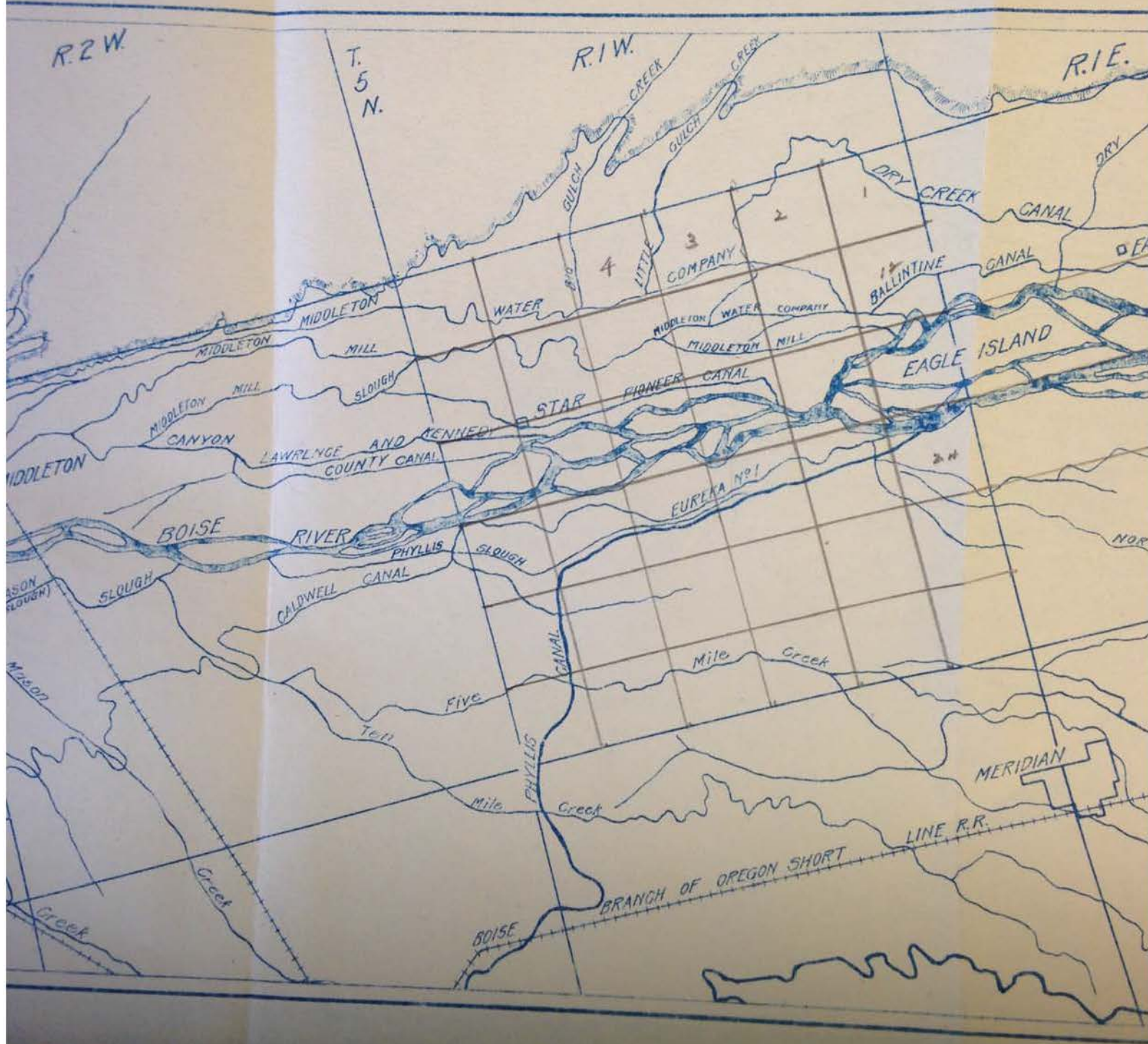


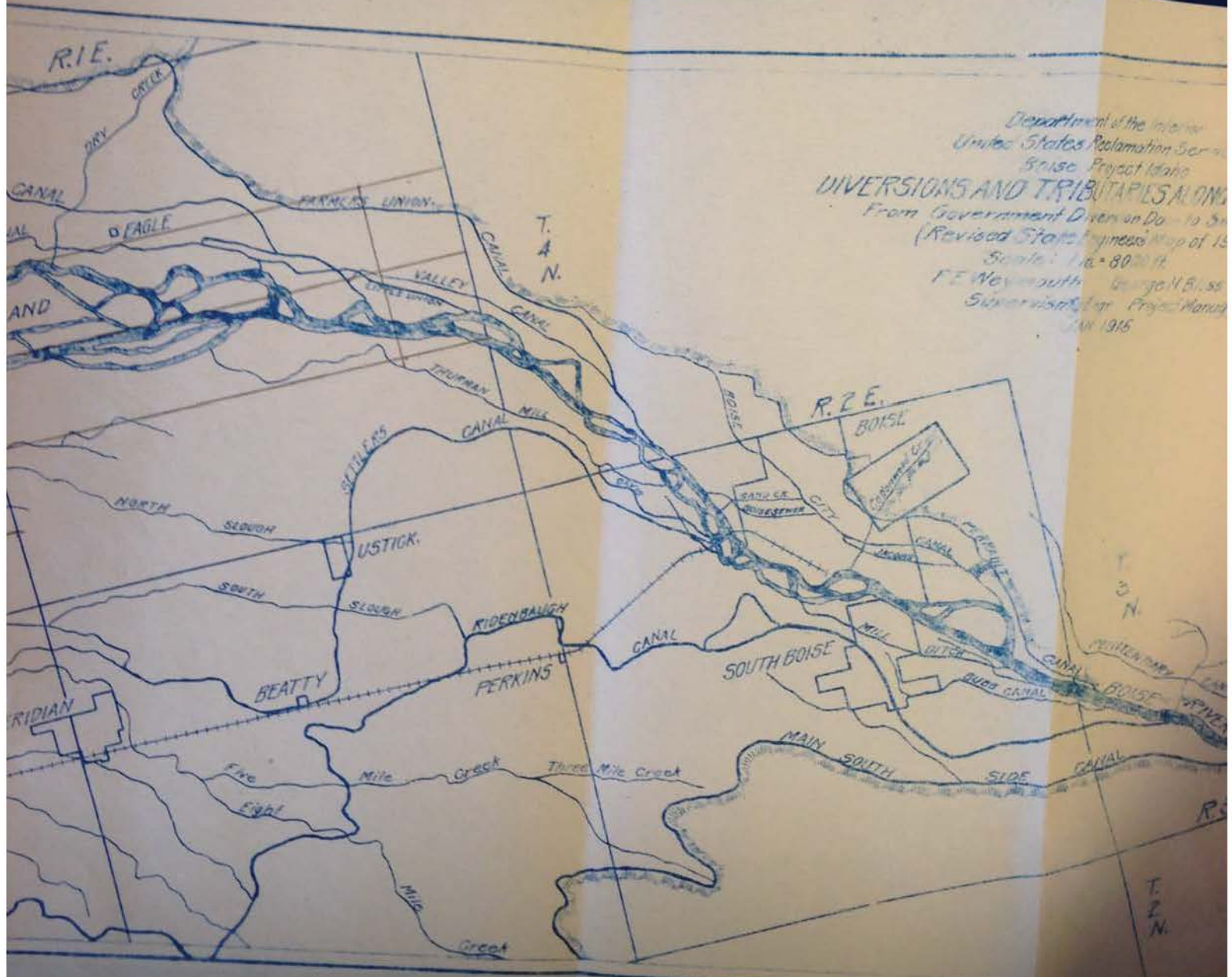
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1940	950	57	784	711	808	843	26,929
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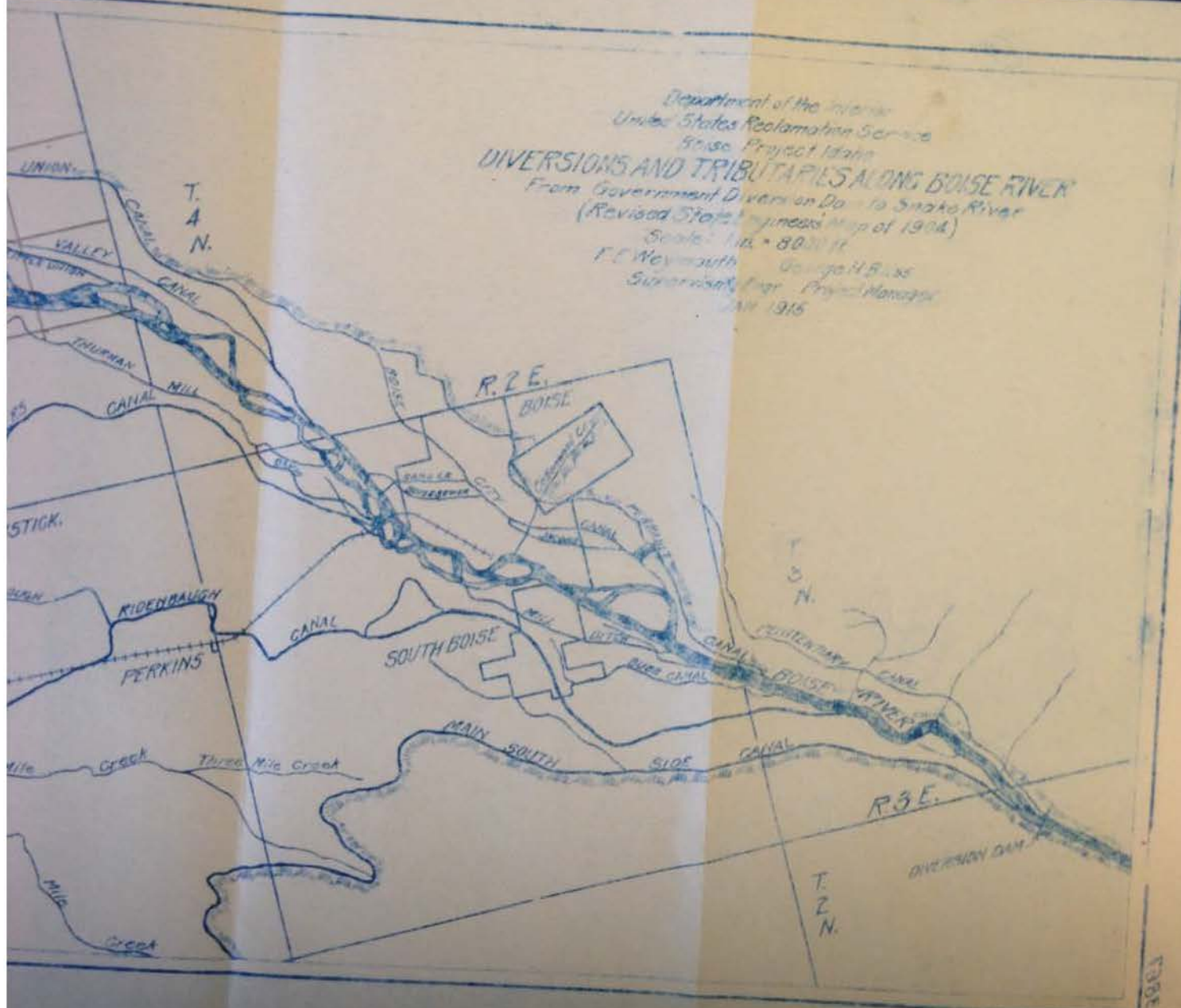




Department of the Interior
United States Reclamation Service
Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG
From Government Diversion Dam to Sea
(Revised State Engineers Map of 1915)
Scale: 1 in. = 8000 ft.
F.E. Newcomb, George H. Bliss
Superintendent, Project Manager
JAN 1916

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
Superintendent, Project Manager
JAN 1916



Year	1	2	3	4	5	6	7	8	9	10	11
1895	1470	1410	1280	1320	1330	1240	1160	960	1100	1240	1280
1896	950	1070	720	720	720	720	720	950	950	950	950
1897	1070	1010	1010	950	950	890	890	950	950	1010	890
1898			550			550				550	
1899	2580	2580	2580	2580	2580	2780	2780	2780	2780	2780	2780
1900	1570	1680	1680	1570	1680	1680	1680	1570	1360	1360	1570
1901	1200	1200	1350	1310	1370	1510	1390	1350	1350	1350	1270
1902	1120	1270	1190	1140	1080	1120	1120	1140	1120	1040	900
1903	1280	1070	945	1040	945	945	945	945	945	945	1080
1904											
1905											
1906	700	700	675	700	750	880	750	750	750	810	880
1907											
1908	1180	1100	1100	1070	1040	965	900	965	1140	1070	1040
1909	790	980	1100	1220	1220	1140	1140	1140	1310	1140	1060
1910											
1911	870	750	940	1105	1035	1035	1070	1140	1140	1140	1070
1912	990	940	1020	1020	1020	1260	1230	1160	1230	1230	1230
1913											
1914	1080	1150	1220	1220	1220	1220	1220	1220	1080	950	824
1915	930	1050	1050	1050	1050	990	990	950	990	930	990
1916	715	736	763	760	746	744	740	763	766	763	736
1917	679	891	1006	991	936	984	1253	888	715	811	740
1918	5248	4046	3033	2462	2244	2153	2078	1964	1826	1738	1628
1919	569	605	555	535	620	680	740	659	669	674	684
1920	683	863	815	737	728	696	784	787	797	698	674
1921	2600	2129	3154	2307	2458	2330	2279	1751	1540	1545	1393
1922	972	1280	1255	1111	921	1046	990	1178	1092	983	905
1923	1075	765	869	855	944	1028	1426	1538	1390	1317	1210
1924	764	675	659	789	609	484	600	824	945	1248	949
1925	923	783	724	782	772	794	837	867	667	714	715
1926	604	574	823	846	850	889	940	830	756	688	802
1927	1026	1079	1033	1317	1062	1115	1193	1121	941	762	704
1928	791	1142	1433	1510	1566	1690	1368	1230	991	1423	1419
1929	739	690	945	917	692	567	560	721	690	726	811
1930	938	842	835	777	762	830	742	440	446	731	771
1931	599	872	797	745	797	713	807	686	637	623	750
1932	567	678	656	697	617	622	689	687	683	707	734
1933	732	661	708	663	697	678	665	744	720	771	690
1934	1326	1219	1372	1537	1498	1238	1104	773	834	977	908
1935	984	623	583	660	969	1010	1040	1018	954	966	807
1936	702	741	866	831	928	706	657	848	766	835	797
1937	345	483	532	584	619	717	699	459	398	483	563
1938	875	975	1135	945	734	735	735	734	904	804	989
1939	1221	925	1026	1014	1304	1021	812	686	481	822	794
1940	950	1031	1446	1447	1220	1014	864	660	872	1004	1128

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

9	10	11	12	13	14	15	16	17	18	19	20	21	22
100	1240	1280	1330	1510	1650	1490	1450	1430	1370	1330	1280	1240	1220
950	950	950	1070	950	720	720	620	1010	1280	1350	1430	1870	1870
950	1010	890	830	720	620	620	620	570	570	570	720	830	830
	550			550				550			550		
780	2780	2780	2780	2780	2780	2980	2980	2980	2980	2980	2980	2980	2980
360	1360	1570	1910	1910	2480	4120	3910	3520	2810	2330	2260	2180	2040
350	1350	1270	1270	1270	1350	1430	1270	1270	1200	1200	1270	1310	1350
120	1040	900	865	830	900	900	1000	1080	1120	1080	1040	1000	970
945	945	1080	752	500	500	570	640	678	715	790	1020	1950	1680
750	810	880	880	810	810	810	810	810	1060	960	880	810	960
140	1070	1040	1140	1070	1180	1240	1100	1100	1070	1070	1240	1140	1070
310	1140	1060	1020	1020	1220	1490	3030	2610	3090	3990	5460	5780	5460
140	1140	1070	1000	1000	1000	965	870	810	870	1140	1210	810	700
230	1230	1230	1100	1100	1230	1380	1640	1660	1460	1420	1340	1230	1230
080	950	824	824	950	1150	1150	1080	1080	1220	1150	1080	1150	1220
990	930	990	930	930	930	900	990	900	930	930	930	930	930
766	763	736	754	764	759	717	723	719	733	746	745	918	1067
715	811	740	769	677	662	603	595	498	590	498	590	590	682
826	1738	1428	1419	1445	1621	1583	1527	1450	1480	1517	1437	1360	1207
669	674	684	727	798	820	801	787	929	1109	1118	1073	1011	1028
797	698	674	657	651	692	747	880	1047	1096	1083	1014	1012	934
640	1545	1393	1217	1155	1048	1819	1935	1700	1477	2586	2347	2032	1360
092	983	905	694	797	927	802	728	1028	1028	802	878	908	1078
990	1317	1210	1155	897	938	1020	919	934	991	987	933	859	865
945	1248	949	899	661	662	673	883	881	843	761	698	675	670
667	714	715	629	716	575	625	601	652	656	816	669	719	737
756	688	802	772	740	692	776	801	902	862	760	738	739	711
041	762	704	1179	1334	1066	1052	1083	1223	1051	1069	1075	776	611
991	1425	1419	1298	1745	1882	2109	1887	1228	1224	1205	1725	2232	1734
690	726	811	793	588	977	787	852	785	854	789	791	730	695
446	731	771	805	859	779	706	804	604	559	645	605	587	683
637	623	750	810	745	660	541	794	759	652	648	534	592	650
683	707	734	731	644	446	481	501	645	727	771	743	620	578
790	771	690	652	635	677	654	636	831	653	735	752	747	721
834	977	908	1020	817	930	1026	957	867	871	833	861	887	1021
954	966	807	944	930	705	861	887	1228	492	739	717	506	667
766	835	797	993	1029	801	922	782	798	811	718	737	805	695
898	483	563	613	633	608	709	684	697	692	717	679	629	449
004	904	989	999	1074	914	1075	1325	1310	1220	1240	1225	1060	1250
81	822	794	691	791	791	790	786	786	804	931	835	839	825
72	1004	1128	849	749	740	673	670	697	857	784	660	857	630

SHOWING DAILY FLOW OF BOISE RIVER - JANUARY

17	18	19	20	21	22	23	24	25	26	27	28	29	30
1430	1370	1330	1280	1240	1220	1240	1210	1140	1040	1070	950	1100	114
1010	1280	1350	1430	1870	1870	1870	1350	1280	1510	1680	1770	1680	168
870	570	570	720	830	830	950	770	720	720	620	620	830	95
550			550				550	550		550			550
2980	2980	2980	2980	2980	2980	2780	2780	2780	2780	2060	1580	1340	1220
3620	2810	2330	2260	2180	2040	2040	2040	1680	1680	1680	1680	1680	1680
1270	1200	1200	1270	1310	1350	1310	1270	1240	1200	1200	1200	1130	1130
1080	1120	1080	1040	1000	970	900	830	830	830	830	760	695	830
678	715	790	1020	1950	1680	1380	2400	4100	2990	2400	2010	1680	1570
810	1060	960	880	810	960	880	810	810	960	880	810	810	750
1100	1070	1070	1240	1140	1070	930	1040	1180	1180	1100	1070	1040	1100
2610	3090	3990	5460	5780	5460	4060	3210	2850	2490	2270	2110	1960	1860
810	870	1140	1210	810	700	700	650	1000	675	1000	1140	1210	1320
1660	1460	1420	1340	1230	1230	1200	1300	1420	1550	1550	1380	1300	1230
1080	1220	1150	1080	1150	1220	1220	1220	1220	1220	1370	1300	1150	1220
900	930	930	930	930	930	930	770	730	930	990	1050	1110	1050
719	733	746	745	918	1067	973	946	975	908	889	869	836	849
498	590	498	590	590	682	780	673	861	867	864	777	877	777
1450	1480	1517	1437	1360	1207	1145	1201	1380	1603	1659	1506	1413	1355
929	1109	1118	1073	1011	1028	1116	1072	1015	928	868	851	779	758
1047	1096	1083	1014	1012	934	901	889	976	1211	2381	2491	2430	1984
1700	1477	2586	2347	2032	1360	1520	1338	1760	1820	1565	1578	1380	1757
1028	1028	802	878	908	1078	999	978	1078	1203	1013	1043	943	968
934	991	987	933	859	865	777	1106	1021	1038	846	901	1041	554
881	843	761	698	675	670	683	797	743	857	814	996	983	876
652	656	816	669	719	737	768	775	947	879	815	960	782	1172
908	862	760	738	739	711	697	747	861	746	693	694	807	955
1223	1051	1069	1075	776	611	701	768	819	895	989	1273	1123	1106
1228	1224	1208	1725	2232	1734	1490	1601	1475	1592	1337	1077	1221	1221
785	854	789	791	730	695	765	766	629	629	876	820	821	745
604	559	645	605	587	683	589	615	666	677	814	810	820	795
759	682	648	534	592	650	897	845	913	695	675	826	706	749
646	727	771	743	620	578	526	480	387	486	560	676	683	836
831	653	735	752	747	721	735	808	684	613	721	873	617	663
867	871	833	861	887	1021	1159	2056	2184	1636	1477	1421	1301	1279
1228	822	739	717	506	667	848	924	939	893	812	826	923	836
798	811	718	737	805	695	613	638	617	582	417	429	418	411
697	692	717	679	629	449	549	644	654	604	654	709	657	710
1310	1220	1240	1225	1060	1250	1568	1445	1195	1020	1125	1165	1228	1358
766	804	931	835	859	825	493	481	818	813	743	1066	1058	848
697	857	784	660	857	630	699	738	695	842	896	895	711	808

ER - JANUARY

Chart 2

21	22	23	24	25	26	27	28	29	30	31	Total
1240	1220	1240	1210	1140	1040	1070	950	1100	1140	1280	
1870	1870	1870	1350	1280	1510	1680	1770	1680	1680	1590	
830	830	950	770	720	720	620	620	830	950	1010	
			550	550		550			550	550	
2980	2980	2780	2780	2780	2780	2060	1580	1340	1220	1220	
2180	2040	2040	2040	1680	1680	1680	1680	1680	1680	1680	
1310	1350	1310	1270	1240	1200	1200	1200	1130	1130	1200	
1000	970	900	830	830	830	830	760	695	830	1120	
1950	1680	1380	2400	4100	2990	2400	2010	1680	1570	1470	
810	960	880	810	810	960	880	810	810	750	750	
1140	1070	930	1040	1180	1180	1100	1070	1040	1100	1965	
5780	5460	4060	3210	2850	2490	2270	2110	1960	1860	1860	
810	700	700	650	1000	675	1000	1140	1210	1320	2140	
1230	1230	1200	1300	1420	1550	1550	1380	1300	1230	1160	
1150	1220	1220	1220	1220	1220	1370	1300	1150	1220	1220	
930	930	930	770	730	930	990	1050	1110	1050	1050	
918	1067	973	946	975	908	889	869	836	849	843	
590	682	780	673	861	867	864	777	877	777	690	
1360	1207	1145	1201	1380	1603	1659	1506	1413	1355	1386	
1011	1028	1116	1072	1015	928	868	851	779	758	688	
1012	934	901	889	976	1211	2381	2491	2430	1984	1726	
2032	1360	1520	1338	1760	1820	1565	1578	1380	1757	1331	
908	1078	999	978	1078	1203	1013	1043	943	988	873	
859	865	777	1106	1021	1038	846	901	1041	554	845	
675	670	683	797	743	857	814	996	983	876	876	
719	737	768	775	947	879	815	960	782	1172	1137	
739	711	697	747	861	746	693	694	807	955	892	
776	611	701	768	819	895	989	1273	1223	1106	1054	
2232	1734	1490	1601	1475	1592	1337	1077	1221	1221	1216	45,004
730	695	765	766	629	629	876	820	821	745	707	22,757
587	683	589	615	666	677	814	810	820	795	811	22,387
592	650	897	845	913	695	675	826	706	749	750	22,407
620	578	526	480	587	486	568	676	683	836	642	19,306
747	721	735	808	684	613	721	873	617	663	757	21,963
887	1021	1159	2056	2184	1636	1477	1421	1301	1279	1206	39,840
506	667	848	924	939	893	812	826	923	836	837	26,128
805	695	613	638	617	582	417	429	418	411	413	22,306
629	449	549	644	654	604	654	709	657	710	611	18,784
1060	1250	1568	1445	1195	1020	1125	1165	1228	1358	1255	33,746
839	823	493	481	818	813	743	1066	1058	818	823	26,718
857	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
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1100	1010
1896	1590	1350	1350	1070	1070	950	950	1070	1070	1070	1010	1070
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	1140	1140
1898			550				550			1060		
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	1580	1580
1900	1780	1790	1790	1790	1680	1520	1570	1570	1680	1570	1460	1460
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	1200	1270
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	1900	1800
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	1110	945
1904												
1905												
1906	810	780	780	810	750	780	780	810	810	810	810	880
1907								3540	3540	3420	3060	2950
1908			1240	1240	1180	1100	1100	1070	1070	1040	1000	1000
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	1440	1580
1910												
1911	2450	2340	1680	1600	1740	1640	1370	1300	1230	1325	1410	1325
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550	1380
1913												
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220	1080
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990	930
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206	1182
1917	684	684	690	690	880	800	783	793	783	695	695	948
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1355	1488
1919	697	732	802	835	811	814	832	855	858	847	1062	1351
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021	976
1921	1453	1262	1416	1230	1267	1178	1208	1199	1239	1270	1485	1215
1922	973	788	788	787	872	794	952	1132	1383	1197	1110	1014
1923	678	629	730	781	841	781	584	817	982	861	932	671
1924	838	983	1066	962	985	981	1008	2050	2445	1966	1336	1107
1925	1023	1213	2195	2895	5775	5859	5169	5846	2972	2088	1758	1638
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497	1354
1927	1047	1164	1449	1826	1934	1999	1754	1564	1607	933	911	1060
1928	1236	1297	1434	1464	1326	1591	1612	1577	1291	1447	1549	1324
1929	762	1172	1146	932	1112	1097	867	614	614	705	737	508
1930	846	823	832	924	760	846	847	1094	1087	975	1055	971
1931	752	761	761	765	792	855	850	782	466	772	836	837
1932	646	600	801	529	492	498	659	655	688	810	653	569
1933	697	770	755	638	584	708	677	692	593	585	655	788
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506	1465
1935	828	868	945	933	970	1076	1156	1257	1038	744	924	917
1936	524	657	606	689	787	661	686	598	557	557	708	728
1937	700	730	674	796	723	654	682	678	678	671	723	723
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1159	1412	1505
1939	699	591	609	860	885	895	1003	785	775	764	793	1045
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439	1273

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	1210
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
			1230			1750				1400		
1580	1580	1580	1340	1460	1460	1580	1580	1580	1580	1460	1460	1340
1460	1460	1460	1460	1460	1460	1360	1460	1460	1460	1680	2480	2310
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	950	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	1445	1558	1677	1938	1820
1497	1354	1252	1056	1033	1017	1000	1031	1004	1020	1020	1000	902
911	1060	1234	1243	1255	1150	1318	1204	1481	1789	3015	4104	3488
1549	1324	1166	1475	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	800
1506	1465	1324	1322	1316	1384	1463	1445	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	799	798	909	762	883	871
1439	1273	987	910	1329	1058	947	1047	953	840	818	837	949

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	1510
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	1280	1280	1310
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	1010	890	710
1898	1750	1920	1920	1920	2250	2430	2430	2260	2260	2430	2770	2600	2410
1899	1580	1580	1580	1580	1460	1460	1460	1460	1340	1340	1340	1400	1410
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	4810	5990	5910
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	4410
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	5360	5500	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	1180
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	2600	3064	3550
1917	1038	913	914	1006	1036	916	997	990	987	944	904	944	810
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	1700	1645	1740
1919	1186	1278	1385	1290	1154	1178	1171	1163	1016	948	967	1069	1080
1920	911	1059	1097	1107	1206	1059	1128	1022	1086	1171	1260	1257	1290
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	3755	4010	4080
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	1855	1797	1802	1685	1658	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

11	12	13	14	15	16	17	18	19	20	21	22	23
640	1610	1550	1490	1410	1370	1350	1370	1390	1390	1390	1390	1390
1280	1280	1350	1350	1350	1350	1280	1350	1350	1590	2430	2970	3120
1010	890	770	890	890	890	1090	1070	1010	950	950	1010	1210
2770	2600	2430	1920	2090	1920	1750	1750	1750	1750	1920	1750	1580
1340	1400	1400	1340	1340	1340	1340	1580	1940	2060	2060	1820	1820
4810	5990	5990	5860	5860	6120	6120	6390	6390	6120	6120	6120	6660
2640	2430	2180	2180	2180	2180	2570	2570	2570	2720	2880	3930	3480
1420	1390	1390	1350	1350	1350	1350	1350	1350	1350	1440	1440	1440
1200	1200	1380	1470	1570	1570	1570	1570	1620	1680	1680	1900	2010
5320	4890	4480	4090	3900	3540	3720	3900	4890	4680	4380	4000	3900
							1930	1850	1660	1630	1630	1630
1430	1390	1350	1280	1160	880	750	810	880	1060	1160	1240	1350
4060	3930	3740	3480	3540	3670	3540	6220	10600	10800	11300	9990	8630
1070	1210	1360	1560	2780	3950	3810	4940	4100	5270	3020	2840	2780
2550	2610	2610	2850	3210	3780	4130	4130	3990	4130	3850	3850	4060
6850	7170	7490	8450	8770	9250	9890	10400	11800	15200	15600	16600	16100
1495	1540	1540	1640	1895	2170	2535	2670	2980	3370	3910	4200	4800
1230	1230	1230	1340	1380	1500	1460	1420	1380	1380	1290	1300	1420
2140	2140	1840	1670	1500	1500	1500	1670	1670	1500	1340	1420	1340
3220	3300	3520	3750	3830	4340	4730	5120	5530	5180	5120	4780	4730
1093	1195	1186	1224	1206	1295	1379	1285	1540	1669	1546	1951	2183
2600	3064	3552	3443	3345	3506	4057	4521	4902	5657	6189	5434	4801
904	944	812	905	866	887	826	865	848	926	1024	1016	1020
1700	1645	1744	1699	1758	2397	2209	2118	2637	2705	3355	3813	4013
967	1069	1080	1063	1035	1123	1196	1138	1135	1280	1488	1788	1819
1260	1257	1293	1490	1569	1470	1534	1444	1393	1342	1443	1808	2109
3755	4010	4085	3895	4426	4168	4550	4450	5725	5346	4581	5073	4960
889	917	990	725	485	777	1255	1822	2246	2395	2310	2235	2681
962	1182	1242	1158	1014	1033	1057	1148	1122	1064	1290	1237	1219
1106	1179	1044	1078	1016	974	969	958	964	964	1028	976	948
2114	2019	1995	1789	1790	1844	1983	1982	1988	2033	2661	3692	4305
1803	1666	1828	2490	2728	3083	3576	3135	2939	2805	2769	2811	3040
2642	2793	2492	3090	3901	3346	2755	3078	2766	2728	2486	2462	2777
3047	5304	4629	3924	3468	3168	3096	3370	3742	4360	5013	6156	8715
2102	1527	1838	1633	1582	1634	1720	1856	1860	1920	2042	3083	2758
1045	1117	1113	1261	1479	1637	1565	1670	1693	1705	1900	2038	2073
906	1008	1288	1209	1220	1385	1416	1527	2571	2553	2565	2865	2833
523	425	1519	1339	1478	1533	1501	1836	4216	8578	6327	3770	2934
824	836	1117	1090	1002	1074	1221	1313	1257	1273	1335	1141	1098
1619	1770	1837	2141	2312	2658	2822	2573	2354	2330	2320	2466	2662
847	1094	1118	1364	1774	1797	1687	1588	1616	1413	1528	1418	1397
1656	1581	1767	1654	1434	1293	1444	1398	1468	1722	2304	2481	2260
1089	1490	1505	1632	1906	2266	2159	2510	2013	1649	1577	1462	1428
2239	2307	3039	3496	3291	3826	4726	4586	4444	4468	3838	3471	3509
1097	1130	1378	1424	1283	1105	1621	1981	2445	3140	3413	3878	446
2309	2061	1760	1737	1933	1711	1738	1859	2078	2107	2227	2467	274

MARCH

11	12	13	14	15	16	17	18	19	20	21	22	23
640	1610	1550	1490	1410	1370	1350	1370	1390	1390	1390	1390	1390
1280	1280	1350	1350	1350	1350	1280	1350	1350	1590	2430	2970	3120
1010	890	770	890	890	890	1090	1070	1010	950	950	1010	1210
2770	2600	2430	1920	2090	1920	1750	1750	1750	1750	1920	1750	1580
1340	1400	1400	1340	1340	1340	1340	1580	1940	2060	2060	1820	1820
4810	5990	5990	5860	5860	6120	6120	6390	6390	6120	6120	6120	6660
2640	2430	2180	2180	2180	2180	2570	2570	2570	2720	2880	3930	3480
1420	1390	1390	1350	1350	1350	1350	1350	1350	1350	1440	1440	1440
1200	1200	1380	1470	1570	1570	1570	1570	1620	1680	1680	1900	2010
5320	4890	4480	4090	3900	3540	3720	3900	4890	4680	4380	4000	3900
							1930	1850	1660	1630	1630	1630
1430	1390	1350	1280	1160	880	750	810	880	1060	1160	1240	1350
4060	3930	3740	3480	3540	3670	3540	6220	10600	10800	11300	9990	8630
1070	1210	1360	1560	2780	3950	3810	4940	4100	5270	3020	2840	2780
2550	2610	2610	2850	3210	3780	4130	4130	3990	4130	3850	3850	4060
6850	7170	7490	8450	8770	9250	9890	10400	11800	15200	15600	16600	16100
1495	1540	1540	1640	1895	2170	2555	2670	2980	3370	3910	4200	4800
1230	1230	1230	1340	1380	1500	1460	1420	1380	1380	1290	1300	1420
2140	2140	1840	1670	1500	1500	1500	1670	1670	1500	1340	1420	1340
3220	3300	3520	3750	3830	4340	4730	5120	5530	5180	5120	4780	4730
1093	1195	1186	1224	1206	1295	1379	1285	1540	1669	1546	1951	2183
2600	3064	3552	3443	3345	3506	4057	4521	4902	5657	6189	5434	4801
904	944	812	905	866	887	826	865	848	926	1024	1016	1020
1700	1645	1744	1699	1758	2397	2209	2118	2637	2705	3355	3813	4013
967	1069	1080	1063	1035	1123	1196	1138	1135	1280	1488	1788	1819
1260	1257	1293	1490	1569	1470	1534	1444	1393	1342	1443	1808	2109
3755	4010	4085	3895	4426	4168	4530	4450	5725	5346	4581	5073	4960
889	917	990	725	485	777	1255	1822	2246	2395	2310	2235	2681
962	1182	1242	1158	1014	1033	1057	1148	1122	1064	1290	1237	1219
1106	1179	1044	1078	1016	974	969	958	964	964	1028	976	948
2114	2019	1995	1789	1790	1844	1983	1982	1988	2033	2661	3692	4305
1803	1666	1828	2490	2728	3083	3576	3135	2939	2805	2769	2811	3040
2642	2793	2492	3090	3901	3346	2755	3078	2766	2728	2486	2462	2777
3047	5304	4629	3924	3468	3168	3096	3370	3742	4360	5013	6156	8715
2102	1527	1838	1633	1582	1634	1720	1856	1860	1920	2042	3083	2758
1045	1117	1113	1261	1479	1637	1565	1670	1693	1705	1900	2038	2073
906	1008	1288	1209	1220	1385	1416	1527	2571	2553	2565	2865	2833
523	425	1519	1339	1478	1533	1501	1836	4216	8578	6327	3770	2934
824	836	1117	1000	1002	1074	1221	1313	1257	1273	1335	1141	1098
1619	1770	1857	2141	2312	2658	2822	2573	2354	2330	2320	2466	2662
847	1094	1118	1364	1774	1797	1687	1588	1616	1413	1528	1418	1397
1656	1581	1767	1654	1434	1293	1444	1398	1468	1722	2304	2481	2260
1089	1490	1505	1632	1906	2266	2159	2510	2013	1649	1577	1462	1428
2239	2307	3039	3496	3291	3826	4726	4586	4444	4468	3838	3471	3509
1097	1130	1378	1424	1283	1105	1621	1981	2445	3140	3413	3878	446
2309	2061	1760	1737	1933	1711	1738	1859	2078	2107	2227	2467	274

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	3430	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	5730	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	12100	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	
1540	1420	1340	1340	1340	1200	1200	1480	1970	4040	4130	
5120	4780	4730	4670	4340	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	1532	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	2726	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
1895	2470	2350	2460	2560	2330	2210	2120	2250	2520	2830	3020	3240
1896	3760	2970	2830	2830	2970	2970	4100	4470	3760	4890	3930	3930
1897	2560	2190	2080	2190	2080	2430	2430	2310	2970	3590	4890	6490
1898	1580	1750	1750	1400	1230	1400	1750	1580	1580	2090	2260	2600
1899	2780	2980	2980	3170	3760	3760	3760	4580	5580	7000	7600	8320
1900	5060	6660	7450	6920	6660	7180	7720	7450	6650	6660	5860	6390
1901	2070	2240	2430	2360	2300	2300	2300	2300	2360	2720	3460	4380
1902	1390	1850	1930	2460	2460	2460	3365	4160	3030	2590	2590	2660
1903	7110	6520	5710	5710	5220	5220	5220	4310	4530	7740	6810	5710
1904	4090	4090	4480	5320	5770	6010	5770	5890	6760	10400	11500	13700
1905	1650	1710	1750	1840	1970	2320	2810	2920	3050	2810	2570	2470
1906	4550	3670	3240	3060	2900	3540	4340	5110	5250	5620	4830	4620
1907	6520	6670	6970	7040	7270	7350	7510	8230	9030	11600	11600	13680
1908	2190	2190	2290	2500	3140	2900	2780	2800	3140	5180	5580	6780
1909	6650	7450	8200	7550	7100	6400	5900	5900	5600	6600	6550	6450
1910	8290	8290	8930	8450	8450	8450	8610	8930	9890	10500	11500	12000
1911	6150	6560	6550	6100	5750	5280	4970	4520	4790	5050	4750	4280
1912	3230	3770	4740	5300	5280	4090	5060	6100	7200	8070	7870	7360
1913	4640	4300	3840	3370	3730	4110	4050	3990	4230	4600	5280	5980
1914	2690	2920	3260	4140	6260	7270	7360	7760	7840	8420	8500	8100
1915	1975	2230	2616	2764	2684	2821	2763	2591	2640	2677	2799	2997
1916	5108	5908	6338	6649	6947	6649	6611	7382	7735	8918	11761	11644
1917	1538	1386	1557	1500	1522	2002	2515	3849	2374	3735	3881	4131
1918	6402	6266	6621	5948	4910	4575	4018	4595	4356	4985	7036	7100
1919	5805	6183	6303	7518	8333	7507	6650	5390	4657	4320	4467	4513
1920	1549	1628	1531	1432	1533	1963	2111	2495	2798	3230	3602	3889
1921	4960	5767	7327	8583	6136	7996	5956	5193	4763	4887	6514	5327
1922	3260	2889	2775	4554	4485	4692	4458	6294	6242	5026	5028	3849
1923	4206	4488	4476	4386	3861	3958	4326	3854	3633	3645	3874	5255
1924	933	944	962	1132	962	1056	1305	1922	2506	2714	2762	2722
1925	5595	5335	5480	5275	7895	7885	7895	7900	8830	10400	11355	13050
1926	1991	1761	1894	1767	2133	2025	2316	2702	3180	3305	3319	3344
1927	4481	5998	5446	4916	4032	4406	4917	5380	5659	5298	4742	4570
1928	5834	5406	5252	4801	4587	4407	3948	3809	3590	3952	3737	4216
1929	1871	1814	1951	2290	2609	2586	2202	2129	1930	1688	1726	1701
1930	2581	3183	2944	3242	3610	4160	5125	5379	5540	5662	5685	5631
1931	2199	3177	3354	2629	2470	2533	2709	3256	3115	3192	3072	3206
1932	3195	3973	4861	5209	4783	4470	4032	4038	4045	4011	4576	5694
1933	1590	1914	2492	3599	3806	3357	3080	2669	2455	1864	1512	1407
1934	4654	4001	3629	3525	3291	2945	3039	3299	3634	3548	4155	4344
1935	1763	1721	1651	1964	2515	2513	2285	3268	4057	4412	4198	4443
1936	1390	1325	1255	1342	1284	1257	1301	1543	2409	3573	4529	6748
1937	2008	2800	3385	2295	2160	1990	1889	1776	1642	1960	1960	1988
1938	2867	2545	3270	2989	3119	3515	3893	4296	4548	4828	5365	5802
1939	5941	6390	6610	6985	6927	6185	5572	5178	5441	4937	4823	4697
1940	9288	8136	6835	5923	5711	5180	4692	4636	4581	4810	4623	4422

APRIL

11	12	13	14	15	16	17	18	19	20	21	22	23
3020	3240	3510	3680	3850	4020	4200	4370	4510	4680	4890	4470	4890
3930	3930	6810	11000	7150	6190	5910	4890	4470	3930	3760	4890	5130
4890	6490	7880	8660	14300	19000	26200	27000	29500		5680	5580	5680
2260	2600	3800	5170	5510	6020	6360	6360	5510	5510	6700	7960	10970
7600	8320	8140	7450	7300	10170	8500	8690	7000	6700	6120	6120	6120
5860	6390	7180	6120	5600	6120	5860	6120	6120	6120			
3460	4380	5050	5720	5500	5050	5280	5500	6170	6840	6840	7180	7740
2590	2660	2660	2590	2730	3740	4160	5500	5950	6400	5500	5050	4600
6810	5710	4980	5220	5340	5710	6240	6520	6660	6810	7740	11500	11000
11500	13700	15500	18000	19700	17800	16400	15400	17200	18000	15400	12200	10100
2570	2470	2570	2490	2490	2660	2820	2710	2980	3380	3380	3320	3540
4830	4620	4760	4830	5470	6070	6300	6370	6440	6520	7430	8070	8530
11600	13680	14600	15600	17000	16000	14500	13600	12300	11300	11400	11400	12500
5580	6780	8670	7950	7770	8760	8040	7950	8850	9600	10100	10600	9900
6550	6450	7150	8000	8450	9000	9150	9150	9050	8750	8450	8000	8200
11500	12000	11800	11200	10500	10000	10000	10000	10200	10800	10500	10400	10500
4750	4280	4120	3890	3780	3630	3750	4300	4430	4410	4250	4280	4620
7870	7360	6560	5780	5600	5280	5240	5530	5350	5240	4970	4970	4800
5280	5980	6980	7710	8310	7440	6900	7490	7910	7520	8100	8670	7650
8500	8100	8510	8750	9650	11300	10100	9250	8870	8800	8900	9490	9590
2799	2997	3574	3719	3501	3663	4073	4056	4108	4130	4300	4090	3720
11761	11644	10351	10410	10620	10490	9840	9550	8500	7540	7470	7660	7490
3881	4131	6451	4496	3948	3509	3093	2976	2850	3091	3701	5092	5900
7036	7100	6877	6838	6577	6063	5537	5144	3862	4145	4422	4966	5560
4467	4513	4483	4467	4267	4022	4083	4226	5155	5903	6490	6946	7270
3602	3889	4069	4230	4214	4248	3943	3558	3452	3535	3694	3728	3660
6514	5327	7017	8340	7536	6812	6002	6002	6172	6725	7155	7138	7670
5028	3849	3758	3457	3506	3305	2840	2585	2630	3265	3935	5425	7240
3874	5255	4705	4777	4348	4905	6311	6805	6347	6092	5045	4455	3960
2762	2722	2699	3378	3415	2745	2250	2191	2015	2144	2124	2476	2900
11355	13050	14200	12950	11335	11440	11755	12275	10665	8930	7786	7050	6760
3319	3344	3483	4083	4321	4867	5381	5802	5848	6001	5863	5023	4790
4742	4570	3980	4118	4603	4980	4956	5073	4648	4734	4200	4305	4210
3737	4216	3607	3977	3797	4053	4198	4445	4659	4221	4380	4232	3970
1726	1701	1558	1562	2046	2219	2552	3065	3471	4107	4235	3966	3860
5685	5631	5525	5481	5290	4418	3885	3774	3343	3400	4141	4781	5180
3072	3206	3540	3326	3143	2972	3083	3119	3354	2833	3070	2981	2780
4576	5694	7652	8697	9076	8305	8060	6727	6413	6664	6338	5443	4860
1512	1407	1486	1487	1809	2471	3328	3477	3250	3663	4220	4186	4820
4155	4344	4924	5274	5156	4687	4476	3941	4048	3958	4144	4688	4820
4198	4443	4871	5695	6446	8138	7767	6191	5524	6063	7305	8311	7740
4529	6748	8620	10535	11125	13522	12154	15960	18600	18270	17980	17140	18340
1960	1988	2287	4490	5662	7167	5220	4422	3785	3810	4022	4497	3950
5365	5802	6088	6436	6674	7394	7848	8938	12800	14070	12825	12541	13190
4823	4697	4700	4359	4117	3946	4252	4451	4701	5133	5708	6149	6520
4623	4422	4762	5769	6669	6698	6023	5786	5661	6661	6781	6276	5840

Chart 2C

21	22	23	24	25	26	27	28	29	30	31	TOTAL
4890	4470	4890	5380	5910	6810	6490	6840	6220	6490		
3760	4890	5130	5130	5910	7150	5640	5380	5640	5130		
5680	5580	5680	5680	5850	6540	6540	6540	6360	6190		
6700	7960	10910	13130	11280	11650	9060	7960	7300	6700		
6120	6120	6120	6120	6120	5860	5860	5860	5860	6120		
6840	7180	7740	8640	7850	8080	7290	7070	7520	8410		
5500	5050	4600	4160	3840	3940	3940	3740	3550	3740		
7740	11500	11000	11500	12100	13300	12700	10500	8410	8070		
5400	12200	10100	9120	9120	11100	13600	11800	11100	10600		
3380	3320	3540	3540	3950	4410	4570	4070	3760	3590		
7430	8070	8550	7830	7430	6520	6300	6220	6520	6600		
1400	11400	12500	12500	12500	12100	11900	11500	11300	11300		
0100	10600	9900	8940	7940	7590	7140	6690	6510	6690		
3450	8000	8200	8350	8000	9400	10500	10200	9000	7460		
0500	10400	10500	10500	11000	11300	11500	11300	11000	10200		
250	4280	4620	5330	6500	8200	8500	8300	7640	7300		
370	4970	4800	4900	5780	5760	5740	6000	6440	8450		
8100	8670	7650	6790	6430	7140	7870	8290	7430	6730		
8900	9490	9590	9360	9300	7970	8070	7840	7680	6620		
1300	4090	3728	3387	3212	3296	3292	3357	3493	3743		
470	7660	7490	9450	11390	13460	14960	14020	12050	10430		
701	5092	5900	7547	8193	9086	9314	9990	7615	6699		
422	4966	5569	6797	7647	7167	6552	6124	5937	5984		
490	6946	7273	8021	9470	10433	10516	10355	10215	9956		
694	3728	3664	3246	2931	2893	3152	3518	4078	4608		
155	7138	7674	8104	7287	6587	5830	6050	6402	7250		
935	5425	7240	8120	8815	8870	9270	9976	10412	9160		
045	4455	3962	3538	2938	3222	3601	4610	5280	5760		
124	2476	2907	3094	2821	2761	2548	2741	2873	3123		
786	7050	6760	5857	5666	5365	5140	5220	5640	6000		
863	5023	4796	4214	3991	4071	4313	4525	4919	5103		
200	4305	4219	4865	6872	10092	13778	14531	14795	14870		
380	4232	3978	4641	5988	6929	10105	11480	10460	9717	158,406	
235	3966	3860	4207	4109	4013	4434	4832	5308	5506	89,547	
41	4781	5185	6194	5909	5666	4546	4786	4674	3349	137,089	
070	2981	2784	3070	2662	2521	2502	2601	2746	3367	88,586	
338	5443	4868	4325	4181	4438	5337	5997	6088	6507	168,003	
220	4186	4820	5649	6315	7220	8267	9084	9592	9602	119,671	
144	4688	4838	5446	4520	4964	4277	3896	3826	3677	129,824	
305	8311	7747	6145	5407	5092	5495	8314	6208	6221	149,729	
80	17140	18345	19790	17200	15155	13250	11980	10965	10250	288,797	
022	4497	3958	3501	3206	3345	4635	5338	4678	3803	103,679	
825	12541	13191	13278	13122	14180	14188	13469	13329	15202	252,550	
108	6149	6521	6366	6153	5456	5092	5044	5579	7046	164,459	
781	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	7151	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

MAY

11	12	13	14	15	16	17	18	19	20	21	22	23
5640	5640	5640	6490	6810	6810	6490	6190	6190	6490	6810	6190	5640
6190	5910	5380	4890	4890	4890	4670	4490	4280	4280	4100	4890	7150
4820	4820	5510	5510	5680	5590	5590	5000	4820	5000	5000	4910	4910
17200	14200	13500	12800	11500	10200	9800	9060	7600	7300	7300	8320	9060
11960	11960	8510	8510	8780	8780	8510	8240	8510	8240	7980	7720	7450
11200	11300	12000	12200	12200	12700	12700	12400	11500	9980	9930	8640	8000
6400	6840	7740	7740	7070	7070	6840	5950	5500	5160	4830	4720	4600
9560	9560	11000	12700	12700	11500	10000	10000	8870	7110	5710	5220	4980
12300	12800	12800	13200	13600	13600	13600	13900	13900	15000	16400	18000	18700
2980	2900	2710	2580	2610	2650	3300	4600	4740	4710	4670	4100	3990
8310	8710	8710	8470	8390	7430	6440	5920	5700	5700	5700	5540	5320
12500	11200	11100	10100	9700	10300	11100	12500	13400	13300	12200	11700	10900
6870	6340	6170	5740	5580	5340	5100	4860	4860	4700	4400	4180	3960
9000	8200	8000	7630	8200	8600	8400	8200	8600	9300	9600	10200	10500
10000	8990	9890	9730	9250	8610	8130	8130	8130	7650	7330	7170	7650
7650	7560	7880	7840	8980	10200	9650	10100	9380	8830	8610	9030	9300
11700	11600	11400	11700	11900	12100	12700	12900	13700	14300	14500	12600	11800
10600	10000	9490	8470	7920	7380	6980	7810	8500	8370	8240	8610	9440
10200	10100	9920	9280	9440	9440	9600	9600	9280	9440	9600	9600	9920
3871	4165	5107	5486	5334	5239	5033	5678	6227	5729	5468	5074	5796
9740	8368	7362	6601	6220	6100	6260	7084	8419	8397	8717	8517	7777
11090	12189	13773	15296	17848	17555	13816	10629	9104	8562	8308	9284	9928
7368	7053	6522	6344	6834	6187	6405	5535	4700	4942	4969	4717	4632
5897	5904	5743	5583	5640	5977	6460	6663	6713	7383	8583	10072	11107
8093	8757	8847	8650	8600	8868	9245	9623	9375	9031	8581	8430	8460
12702	13006	11835	13156	14742	17174	18739	18115	15158	13165	12974	12930	12541
8642	8478	8107	9843	10561	11636	13057	15220	16450	16220	15936	15925	13375
9186	8109	7270	6800	6536	6497	6502	7160	8271	7573	7923	8121	7990
4042	4398	4866	5179	5011	5100	5142	5186	4675	4490	4074	4020	3888
10790	10810	10635	10765	10945	11500	11900	12500	13500	14350	14350	13870	12690
3368	3284	3119	2976	3106	3160	3417	3436	3625	3665	4404	4192	3976
6951	8019	8591	10096	13172	16588	19289	20061	16261	14384	11536	9768	8909
19273	18790	16751	14770	12847	11587	11522	12200	13145	13409	12700	14513	14995
4426	4578	5389	6215	6318	6482	6431	6411	6696	6424	7067	7767	8604
3757	3970	3495	3382	3772	4247	4169	4856	4552	4844	4902	5365	5164
3851	3721	4151	4646	5265	5201	5228	4870	4208	3632	3266	3062	2718
8748	10569	12444	13580	13569	12341	10987	11458	11607	12051	12114	12710	10953
3498	3460	3372	3373	3814	4758	5068	5745	4621	4861	4866	5561	5879
3763	3629	3467	3378	3209	3135	3173	3354	3348	3178	3048	2961	2783
6833	6491	6011	5706	5358	5307	6201	6411	5944	5963	6039	6926	7983
10046	11808	12951	13995	14946	14675	12418	10608	9822	9807	8582	7622	6831
6350	5891	5731	5755	6329	6530	6276	6467	6706	6535	6045	5598	5827
8239	8808	9209	10208	11343	11734	12691	12971	12173	10396	9033	8327	8402
5809	5719	5320	5334	5218	5272	5551	5486	5468	5275	4987	4246	4115
7224	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	10955	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	2394	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-	27000	27000	32100	29500	27000	24500	24500	25300	23700	25300	22900	22900	29500
1897-													
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	16800	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	10500	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	6700	6850	6250	5950	5200	5050	5650	5950	5500
1911-	10500	11500	12400	13400	13400	12800	13300	13800	13500	12400	12500	14100	15100
1912-	13200	13500	13700	13600	14000	14400	14800	15300	15600	15100	13900	13300	14300
1913-	11400	11800	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	5119	4999	4586	4265	3990	3755
1920-	6487	5870	5308	4985	4893	5269	6030	6487	7077	7214	6968	6349	6153
1921-	14670	14220	14340	14695	15550	15975	17037	17258	17540	16818	16617	17625	16612
1922-	11577	12915	12796	13520	14444	15650	16463	14815	13022	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	1610	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	6699	7545	8288	9452	12595	15620	17584	15675	14750	16150	16294
1928-	9985	9113	7355	6921	6992	7153	6716	6596	6177	5303	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	5983	6399	6619	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	13053	13791	13719	13699	13906	13723	13000	11393	9451	8936	9236
1939-	4184	3820	3378	3153	2996	2498	2702	2364	2324	2327	2259	2226	2131
1940-	6577	6623	6228	5771	5412	4936	4592	4410	4362	3753	3865	3782	4243

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11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.
3430	3430	3760	3590	3760	3590	3430	3120	2970	3120	3270	3590	4100
22900	22900	29500	35500	32100	32100	32100	31200	30400	27000	27000	22900	19000
4910	5170	5510	5680	6020	6020	5100	4530	3900	3900	3740	3900	4530
11600	13900	10200	11300	10500	6020	6020	5850	5850	5680	5680	5680	5680
5330	4940	4940	4940	4810	11300	13900	16100	17200	18700	15000	11300	10500
4380	4270	3930	3710	3710	5730	4810	4230	4230	4230	4460	4340	3910
7290	6840	6510	5950	5280	3930	4380	4600	4930	5280	5500	5280	4830
15800	12700	11500	10500	10000	4380	4160	3940	3940	3740	3550	3550	3550
9440	8900	8180	8480	8900	10500	10000	10000	7740	7110	6520	6240	6240
5010	4920	5090	4930	4460	10100	10800	10400	10100	8960	8480	8180	7580
5920	7430	7990	6900	6740	4000	3990	3650	3110	2930	3120	2990	2930
9700	9320	9320	8950	8130	6600	6600	6000	5620	5400	5320	5180	5040
6260	7770	8670	8310	4550	7410	6340	5740	5830	6170	7050	7770	7220
9400	8230	8230	8230	11800	5180	8490	7770	6870	5830	5660	4860	4400
5650	5950	5500	5350	5350	13000	12800	12800	12000	11600	9600	9200	8230
2500	14100	15100	14700	15100	5200	5050	4900	4190	4050	4050	3840	3490
13900	13300	14300	13800	12000	15000	14400	13500	14000	13900	13100	12500	12300
8160	7600	7360	7120	6580	10500	9410	8770	8610	8950	9600	9300	8990
4200	4160	4280	4280	4140	6060	5980	5600	5530	5160	4640	4500	4640
3630	3428	3149	2848	2699	4720	5020	5320	5620	5320	5020	4720	4140
0902	10012	9570	10158	11058	2666	2802	2798	2820	2743	2732	2609	2598
2928	10816	9286	7885	8621	12138	13142	14280	15450	13190	10262	8651	7470
2061	11855	12282	12601	11324	10266	11395	13840	14535	14566	13453	12962	11684
4265	3990	3755	3557	3436	9414	7893	7907	7440	7170	6675	6964	6615
6868	6349	6153	6119	6316	3383	3392	3334	3276	3154	3999	2937	2871
6617	17625	16612	15901	13645	6708	6845	6440	5909	5372	5213	5177	5181
0466	10142	10280	11675	16005	11422	8661	7218	7047	7591	7649	8270	8770
9837	10502	9524	7543	5722	12186	11735	11621	11721	11290	11142	10158	8827
1260	1293	1160	1265	1103	7972	5150	4877	5162	5152	5247	6730	6028
4763	4857	4997	5108	5234	1194	1061	1009	944	998	989	984	976
2055	1939	1807	1670	1581	5415	5470	5210	6540	6391	7203	8280	8590
4750	16150	16294	15869	15374	1482	1379	1343	1274	1426	1364	1350	1304
5541	5158	4911	4695	4404	14561	13880	12861	12882	13360	12600	12002	11701
5492	5578	5359	5536	5797	4352	4304	3931	3857	3787	3733	3868	3825
6399	6619	6288	5115	4867	6342	7305	6062	4896	4273	3946	4095	4135
2134	2028	1619	1750	1578	4237	4229	4593	4238	3786	3579	3310	3101
6787	7159	8423	8638	9594	1506	1531	1507	1428	1323	1261	1205	1185
1156	11117	11423	12035	12093	11250	10637	9668	8333	8291	8168	7948	9118
676	1636	1635	1578	1526	12214	11584	9977	8216	7127	6552	6375	5944
7399	7437	7305	6893	6609	1430	1350	1263	1172	1064	1047	1056	1023
5807	5408	5523	5579	5326	5901	5174	4585	4679	4618	4706	4385	4288
3510	3291	2979	2708	2697	5307	4841	4555	4223	4012	3679	3637	3379
9451	8936	9236	9148	8857	2762	2797	2776	2610	2537	2601	2822	2965
2259	2226	2131	2218	2211	8741	8587	8585	7465	6657	6267	6787	6962
3865	3782	4243	4395	4385	2269	2305	2220	2001	1968	1876	1821	1683
					4048	3864	3613	3570	3328	3012	2827	2612

Chart 2E

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	3270	3590	4100	4100	4100	4100	3930	3930	3930	3760		
27000	22900	19000	15500	14300	14300	27000	11500	9520	9520			
3740	3900	4530	3740	3600	3600	3740	3600	3460	3460			
5680	5680	5680	5510	5170	4650	4650	3970	3800	3460			
15000	11300	10500	12000	12000	11300	10500	11300	12200	11300			
4460	4340	3910	3710	3520	3330	2980	2810	2480	2350			
5500	5280	4830	4380	3710	3060	2880	2720	2680	3060			
3550	3550	3550	3740	3550	3190	3030	2730	2660	2520			
6520	6240	6240	5460	5220	5220	5100	4980	4980	4530			
8480	8180	7580	6500	6070	5540	5540	5540	5770	5770			
3120	2990	2930	2880	2880	2770	2670	2560	2390	2240			
5320	5180	5040	4760	4760	4900	5040	5920	5040	4480			
7050	7770	7220	6510	6510	7770	7950	8670	9500	9220			
5660	4860	4460	4250	4180	5020	5830	5420	5100	5340			
9600	9200	8230	8040	7860	7500	7050	7680	7680	7680			
4050	3840	3490	3360	3360	3360	3360	3360	3230	3100			
13100	12500	12300	11200	9500	8750	8150	9160	8400	7970			
9600	9300	8990	9170	8710	8560	8260	7150	6400	6100			
4640	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			
10262	8651	7470	7140	7652	8584	9314	9784	9420	7796			
13453	12962	11684	10581	10248	9269	9701	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			
11142	10158	8827	7840	6940	6928	6536	6080	5557	5137			
5247	6730	6028	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	13798	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
6267	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	3782	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	1410
3260	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	2960
1520	1460	1410	1270	1270	1230	1190	1160	1100	1080	1080	1050	1050
1970	1970	1870	1780	1780	1690	1640	1600	1600	1540	1510	1560	1600
2000	2060	1950	1900	1850	1800	1700	1700	1610	1520	1350	1190	1190
2280	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
3020	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	4360	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	759	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	1874	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	470
1669	1715	1652	1548	1480	1436	1378	1245	1214	1149	1144	1103	1070
1550	1544	1481	1344	1263	1224	1216	1173	1144	1092	1113	1103	1090
1039	964	897	849	863	855	923	858	861	801	781	779	730
3538	3017	3060	2911	2940	2934	2684	2491	2264	2223	2109	1931	1920
1056	1033	973	946	909	869	854	831	793	772	770	771	790
1096	1062	1020	968	944	876	871	845	836	826	812	772	780

Chart 28

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	1430	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	928	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	1320	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	2360	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	1035	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	355	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	1321	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
1070	1070	1070	1070	1010	1010	950	950	950	950	890	890
1350	1280	1210	1210	1210	1210	1070	1070	1010	1010	950	1010
1180	1120	1120	1120	1060	990	990	925	925	860	795	860
806	806	806	721	721	550	550	721	721	721	721	550
1940	1760	1700	1700	1700	1700	1580	1520	1580	1700	1820	1820
855	870	880	845	830	845	830	822	830	822	822	855
830	818	830	800	830	818	800	800	818	830	830	800
830	865	879	886	865	830	830	830	795	795	774	760
828	790	790	790	768	828	752	752	715	715	715	715
1120	1120	1120	1100	1070	1100	1070	1100	1070	1160	1160	1160
650	650	625	625	625	625	625	625	600	600	580	580
750	810	840	810	750	750	725	675	700	700	750	845
1640	1600	1520	1480	1440	1400	1360	1320	1320	1280	1210	1260
1050	930	960	1220	1050	1080	990	990	960	990	990	1020
1070	1030	1000	960	930	950	920	920	950	850	820	790
890	890	890	890	890	890	890	870	850	830	850	830
1260	1200	1200	1160	1130	1130	1100	1100	1100	1070	1070	1070
1300	1300	1230	1230	1230	1160	1160	1160	1160	1160	1100	1040
1380	1380	1310	1310	1310	1230	1160	1160	1160	1160	1020	1020
1000	937	937	937	873	873	873	873	873	873	812	812
679	651	640	636	640	618	577	582	588	582	578	579
1294	1264	1239	1207	1198	1251	1277	1390	1287	1234	1187	1138
1035	1008	997	971	969	1010	1093	1076	1007	967	925	905
830	814	895	875	964	1064	1021	981	893	820	700	809
628	670	667	624	621	585	593	563	556	546	537	543
645	621	578	553	571	579	595	558	526	480	504	553
1328	1109	1069	1074	996	975	998	928	802	906	762	879
1074	1003	980	989	926	961	943	987	935	910	883	862
1182	1091	1055	854	1103	1030	898	829	1027	1612	1212	1070
392	386	366	376	376	370	370	370	413	461	431	415
982	1177	1208	1278	1096	1073	974	1004	1023	908	901	817
509	516	509	496	479	465	460	528	642	674	644	570
1166	1197	1234	1336	1420	1381	1326	1278	1217	1165	1068	1055
796	793	773	784	782	768	740	744	751	727	739	694
638	601	564	522	501	479	446	488	503	506	532	517
925	922	929	893	904	802	771	745	733	730	700	597
355	360	360	360	360	360	360	360	360	360	360	349
905	898	835	846	827	778	769	719	683	621	626	656
670	606	576	566	577	602	583	576	539	517	490	523
352	367	385	393	380	380	372	356	357	356	343	342
627	594	568	568	561	553	571	590	579	581	571	543
758	811	855	910	878	768	706	630	570	593	593	595
460	437	385	365	350	346	359	383	375	358	350	333
1122	1086	1056	1065	1086	1091	1065	1041	1011	1010	1046	1044
493	499	502	493	466	416	380	394	364	353	365	378
509	468	470	498	461	454	433	416	415	443	457	424

22	23	24	25	26	27	28	29	30	31	TOTAL			
890	890	890	890	890	890	950	890	890	890				
950	1010	1010	950	1010	950	1010	1010	1070	1210				
795	860	860	860	990	990	990	990	990	860				
721	550	550	550	550	550	550	550	636	550				
1820	1820	1700	1580	1460	1400	1220	1220	1100	1100				
822	855	880	905	870	855	855	822	830	830				
830	800	800	740	770	740	788	770	800	770				
774	760	760	750	728	728	728	695	695	708				
715	715	715	715	752	790	865	905	828	790				
1160	1160	840	840	750	682	682	682	930	930				
580	580	580	580	580	580	580	560	560	560				
750	845	920	880	780	780	725	780	780	750				
1210	1280	1320	1400	1400	1400	1400	1320	1240	1210				
990	1020	990	900	900	870	870	870	870	870				
820	790	790	820	760	730	705	780	910	850				
850	830	830	830	830	850	830	850	830	850				
1070	1070	1070	1040	1040	1020	1020	1020	1020	993				
1100	1040	1040	1040	1040	1040	1040	990	990	990				
1020	1020	1020	1020	1020	1020	1020	1020	956	956				
812	812	806	800	794	788	782	776	776	776				
578	579	598	620	595	581	569	534	536	538				
1187	1138	1081	1055	1021	1002	1000	983	1052	1016				
925	905	881	849	831	874	862	827	809	790				
700	809	925	848	850	807	817	879	930	784				
537	543	522	494	492	482	484	490	502	503				
504	553	624	620	592	604	632	657	670	639				
762	879	619	748	831	780	747	551	687	683				
883	862	827	804	825	846	836	854	867	887				
1212	1070	1135	684	1051	892	884	815	779	821				
431	415	401	387	374	366	361	386	381	381				
901	817	802	874	754	750	664	821	735	755				
644	570	514	503	498	494	483	459	470	488				
1068	1055	980	965	908	918	903	855	844	856				
739	694	674	671	614	634	623	639	648	645				
532	517	511	496	486	515	524	538	556	587				
700	597	567	546	517	498	519	536	566	564	18,411			
										21,628			
360	349	349	347	345	340	353	353	347	340				
626	656	700	718	687	675	676	719	784	814	11,578			
490	523	540	553	545	585	625	636	605	617	26,106			
343	342	350	350	350	357	350	350	360	383	20,141			
571	543	508	486	483	478	494	515	520	527	11,311			
593	595	604	605	603	605	592	572	547	576	19,511			
350	333	336	337	344	375	425	408	426	427	21,636			
1046	1044	1048	1036	1039	1005	984	952	947	898	12,998			
365	378	370	378	381	385	387	399	431	424	35,079			
457	424	456	438	466	450	443	442	430	438	14,320			
										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	7120	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	922	820
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	630
1903	828	752	715	715	715	715	715	715	715	715	715	828	940
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	850	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	960
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	890
1914	718	817	718	718	718	718	718	718	718	718	718	718	830
1915	678	868	753	675	660	653	646	619	624	627	632	609	670
1916	976	944	940	969	962	944	933	916	929	1025	1006	988	950
1917	781	766	783	754	741	731	725	713	698	683	694	701	700
1918	752	718	858	725	659	520	623	619	655	878	1037	1044	850
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	740
1922	940	969	947	927	905	865	845	823	807	801	797	793	760
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	905	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	785	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	882	901	872	886	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

	12	13	14	15	16	17	18	19	20	21	22	23
70	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
10	7120	1250	1250	1120	1120	1120	990	990	990	1120	1120	1120
21	721	721	721	721	721	721	636	550	550	550	550	721
30	1100	1100	1100	1220	1280	1160	1100	1100	1100	1100	1050	1050
5	822	822	810	830	810	822	830	870	855	845	830	845
70	770	740	770	770	800	770	800	770	770	830	860	920
95	665	635	665	695	665	635	665	695	695	695	695	695
15	828	945	945	945	905	828	790	715	715	715	752	730
40	840	840	840	890	840	840	750	795	750	840	750	840
50	560	560	560	560	560	560	580	580	580	580	580	580
75	675	780	810	750	725	700	700	675	675	650	625	625
70	1100	1070	1040	1040	1000	1000	965	1000	965	930	965	930
00	930	900	870	840	920	990	1260	1120	1020	990	960	930
70	970	1000	910	870	840	840	840	810	840	780	790	850
80	780	780	810	965	1100	1380	1230	1230	1100	1040	990	940
93	993	969	969	947	947	969	969	969	993	993	993	993
10	1160	1160	1160	1100	1100	1100	1160	1160	1100	1040	1040	1040
20	956	892	892	830	830	830	892	892	886	880	873	1000
18	718	836	836	1030	1170	1100	1100	1100	1030	1100	1030	963
32	609	679	692	656	665	648	630	631	607	607	597	594
06	988	957	925	917	905	880	855	843	843	856	831	821
04	701	705	765	772	736	715	699	679	667	647	655	720
87	1044	856	912	900	1008	927	948	936	1527	817	791	822
23	495	470	464	491	523	581	736	797	739	712	506	624
55	588	528	570	620	725	708	673	749	638	630	630	648
93	632	749	867	947	767	717	751	839	883	1037	1108	1031
97	793	767	756	735	715	715	715	745	785	756	756	756
79	628	753	645	701	697	652	598	640	638	645	639	652
85	380	386	392	398	388	388	387	402	434	455	568	458
05	796	916	769	832	856	833	770	731	768	877	874	747
56	449	451	460	461	460	526	521	483	503	598	499	499
30	971	1010	1045	1046	1015	1046	976	919	884	886	866	869
76	691	761	799	816	815	775	726	690	692	690	681	689
66	557	545	506	481	477	477	477	477	484	493	573	518
49	622	679	707	730	662	595	578	549	543	526	512	521
565	365	379	580	384	380	376	371	379	437	463	442	430
668	723	760	760	767	685	711	657	625	625	619	648	647
589	574	553	547	517	555	570	588	589	585	564	551	546
77	399	405	398	436	444	467	377	378	316	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

22	23	24	25	26	27	28	29	30	31	TOTAL
950	950	950	1010	1010	950	950	950	950		
830	890	1010	1070	1040	1010	1010	950	890		
1120	1120	1120	1120	860	860	860	860	860		
550	721	636	721	636	636	636	721	721		
1050	1050	1050	1050	986	986	986	986	986		
830	845	830	855	870	888	880	870	880		
860	920	990	990	976	976	890	890	860		
695	695	695	695	695	695	695	695	728		
752	730	715	715	715	715	828	828	828		
750	840	840	840	840	930	930	930	930		
580	580	580	600	600	625	625	650	650		
625	625	625	625	625	625	625	625	625		
965	950	930	900	900	810	810	870	870		
960	930	930	930	960	990	930	930	900		
790	850	850	880	850	850	920	1070	1230		
990	940	940	965	965	965	965	965	965		
993	993	993	993	993	993	993	993	1020		
1040	1040	1040	1040	1040	1040	1040	1040	990		
873	1000	867	867	918	855	849	842	836		
1030	963	963	963	898	898	898	898	898		
597	594	596	592	600	839	772	708	689		
831	821	814	814	814	820	808	809	819		
655	720	951	829	773	739	719	690	744		
791	822	824	824	911	889	841	825	835		
506	624	616	619	614	609	599	592	586		
630	648	733	901	851	841	824	815	824		
1109	1031	901	933	912	934	855	885	856		
756	756	783	762	762	849	752	769	790		
638	652	670	581	691	875	925	843	735		
569	459	454	463	531	521	517	508	495		
874	747	823	771	833	744	811	766	662		
499	499	499	509	502	521	521	510	520		
866	869	895	877	962	946	1011	1084	1296		
681	689	684	684	684	684	684	684	684		
513	518	553	570	562	652	602	629	636		
512	521	563	617	640	643	627	626	627		16,244 17,360
442	430	502	574	535	503	488	470	460		12,023
648	647	645	651	640	634	660	644	630		20,873
551	546	557	577	611	667	698	694	666		17,778
378	384	445	462	469	484	493	500	490		12,483
500	490	490	507	507	507	495	510	510		15,026
662	713	720	721	649	610	615	606	617		20,468
443	443	444	450	452	452	447	445	449		12,979
711	707	715	684	686	687	687	710	733		23,262
579	550	550	530	519	509	481	444	411		15,404
725	749	713	648	656	579	616	669	791		19,493

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

OCTOBER

12	13	14	15	16	17	18	19	20	21	22	23	24
950	950	950	890	890	890	890	950	950	890	890	890	950
830	830	830	890	830	830	890	890	830	830	890	890	890
1120	1120	1060	1060	1060	990	990	1060	925	990	990	990	1120
892	892	978	892	892	892	892	892	892	892	892	978	978
1100	1100	1160	1160	1160	1220	1460	1880	2060	2390	2060	1940	1820
930	920	920	905	905	880	905	1020	1020	1360	1190	1410	1230
890	890	890	890	878	860	860	860	860	860	878	860	860
695	695	695	695	695	695	695	695	695	695	728	760	830
1110	1070	1070	1020	945	945	865	865	865	865	865	865	865
1020	975	930	930	1120	1120	1120	1160	1020	1020	948	930	930
675	675	700	700	730	760	730	700	675	700	730	730	760
650	700	675	625	675	700	725	700	700	700	700	700	700
870	965	1110	965	965	930	930	930	930	930	930	930	930
840	870	900	2580	2030	1470	1330	1220	1260	1400	990	1120	1080
1000	970	930	930	950	950	950	990	1100	1070	1030	990	990
990	990	990	990	990	1020	1130	1040	1020	1020	990	990	990
1170	1170	1170	1170	1110	1095	1060	1060	1060	1035	1035	1035	1035
1070	1070	1040	1040	1040	1040	1040	1040	1040	1040	990	1070	1100
1080	1150	1220	1080	1020	1080	1020	1020	1020	1080	1080	1020	1020
1030	1030	1030	961	961	961	1170	1410	1330	1410	1410	1330	1230
666	695	702	708	700	691	696	687	679	683	680	668	681
1038	987	964	941	933	934	941	940	919	926	922	902	898
687	690	690	726	775	764	772	714	779	791	760	778	774
1049	1024	980	968	1009	1127	1245	1186	1102	1088	1153	1015	984
763	719	749	723	750	784	813	768	727	742	727	725	718
1180	1288	1203	1230	1215	1190	1079	1037	1088	1038	1035	990	980
908	835	786	728	645	750	1022	934	972	921	908	912	821
778	835	880	831	803	794	773	794	796	796	800	1155	1011
945	912	827	804	861	973	1019	1010	943	973	973	1402	128
621	596	584	590	586	549	596	565	603	563	557	561	54
1069	1220	1147	1030	1179	1076	928	990	943	861	919	835	83
556	540	523	560	571	569	591	524	562	592	570	571	52
1048	941	927	1071	923	925	953	874	1077	708	864	1036	110
811	860	850	840	846	840	819	771	800	674	943	800	7
598	697	688	798	669	662	720	663	670	645	644	631	6
1058	826	877	806	785	748	654	693	638	688	734	917	7
456	444	446	437	456	506	501	478	488	518	508	573	6
734	715	708	714	686	695	907	892	698	879	627	705	110
787	729	599	761	833	592	591	587	597	609	595	610	6
515	451	378	539	550	556	554	560	566	575	619	717	7
532	535	541	534	474	521	517	581	554	556	481	636	5
556	746	641	585	654	631	638	638	656	618	728	640	63
509	494	491	491	520	885	1130	924	730	680	634	624	61
865	979	924	906	1155	1261	1207	1142	1082	1067	996	956	91
661	663	618	602	628	622	614	602	619	656	627	629	69
791	764	720	783	667	728	730	682	710	757	695	685	79

Chart 2I

22	23	24	25	26	27	28	29	30	31	TOTAL
890	890	950	950	950	890	890	890	890	920	
890	890	890	830	830	950	950	950	830	1010	
990	990	1120	1250	1250	1120	1060	1060	1060	1060	
892	978	978	892	892	978	978	978	978	978	
2060	1940	1820	1580	1460	1460	1460	1460	1460	1340	
1190	1410	1230	1120	1120	1120	1070	1080	1050	1050	
878	860	860	860	860	860	955	990	920	920	
728	760	830	900	900	865	830	795	760	760	
865	865	865	842	790	790	828	842	842	828	
948	930	930	930	930	975	930	930	930	930	
730	730	760	790	760	730	730	730	730	730	
700	700	700	700	700	700	725	725	725	725	
930	930	930	900	900	900	965	965	965	1040	
990	1120	1080	1080	1080	1080	1080	1080	1080	1080	
1030	990	990	990	990	950	990	1030	990	1110	
990	990	990	965	965	965	940	940	940	940	
1035	1035	1035	1060	1060	1060	1035	1010	990	1010	
990	1070	1100	1040	1040	1100	1300	1265	1195	1100	
1080	1020	1020	1020	1020	1020	1020	950	950	950	
1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	
680	668	681	690	707	708	695	693	700	653	
922	902	898	934	936	936	939	922	921	920	
760	778	774	789	800	805	785	789	643	878	
1153	1015	984	985	969	930	1017	1098	1169	1151	
727	725	718	750	717	694	653	661	678	705	
1035	990	980	956	925	928	933	935	800	795	
908	912	821	904	869	958	1057	923	993	922	
800	1155	1017	984	1083	992	906	1058	719	793	
973	1402	1287	1064	1033	1005	968	977	908	925	
557	561	540	550	538	544	683	1314	1303	1141	
919	835	838	827	900	865	798	833	977	894	
570	571	523	587	570	565	664	691	610	612	
864	1036	1104	1009	1098	1381	1543	1445	1157	1386	
943	800	779	713	760	794	780	870	900	1012	24,926
644	631	631	631	631	635	637	689	648	650	19,678
734	917	771	803	842	815	729	821	746	781	27,256
508	573	639	639	637	654	602	556	596	591	15,712
627	705	1101	761	682	752	760	723	881	585	19,571
595	610	616	598	591	580	592	603	650	1186	20,638
619	717	760	1020	997	877	757	720	697	699	18,529
481	636	574	585	671	621	548	575	571	565	16,808
728	640	633	716	696	702	757	672	656	696	19,886
634	624	612	602	521	570	598	576	563	593	18,113
996	956	910	932	852	877	951	906	906	972	30,323
627	629	699	639	632	631	583	503	852	533	19,586
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	13
1895	950	950	950	950	890	890	720	890	950	950	950	950	950
1896													
1897	1060			990				990			1060		72
1898	978	978	1060	1060	978	978	978	978	978	978	978	721	182
1899	1340	1340	1220	1340	1340	1340	1340	1460	1400	1340	1520	1760	99
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	890
1902	760	760	760	760	795	830	900	984	1000	1000	1040	1040	1000
1903								828		828			
1904													
1905	730	700	700	675	675	650	650	675	700	675	675	675	675
1906	750	750	750	750	780	780	810	810	845	880	880	810	1060
1907	1040	1000	965	965	930	900	930	930	900	900	870	840	870
1908	1120	1120	1120	1080	990	990	990	1020	990	990	990	1020	1020
1909	1190	1360	1360	1360	1310	1270	1270	1110	1150	1230	1390	1230	1150
1910	940	940	940	940	915	890	965	990	1160	1160	1230	1730	1600
1911	1010	1010	990	1010	1060	1085	1085	1110	1230	1170	1060	930	970
1912	1015	1015	1100	1130	1100	1160	1300	1265	1230	1265	1300	1230	
1913	950	1080	1150	1080	1080	2080	2190	1610	1530	1450	1530	1790	1530
1914	1170	1100	1100	1100	1100	1100	1030	1030	1030	961	961	961	1030
1915	662	668	670	672	673	664	684	695	712	701	684	725	721
1916	922	918	916	906	899	913	901	873	883	905	854	733	622
1917	932	773	924	887	795	896	786	786	792	780	786	774	822
1918	1210	1166	1148	1056	1053	1032	1026	977	980	967	964	932	925
1919	758	843	1035	1247	1430	1485	1424	1237	1054	964	931	906	888
1920	779	877	869	869	886	886	888	907	921	895	824	787	806
1921	925	925	830	876	884	886	869	869	920	898	803	874	795
1922	865	924	830	794	764	734	769	869	1000	914	962	944	823
1923	904	890	933	837	903	899	876	855	866	884	895	827	851
1924	1017	1180	937	902	1000	987	806	839	619	775	912	875	775
1925	767	777	952	828	684	776	671	797	826	829	1072	920	949
1926	525	552	556	523	568	528	681	709	709	595	695	907	1016
1927	1131	1031	1132	1021	1235	1083	1309	1533	1649	4067	4329	3186	2620
1928	1003	866	994	887	899	955	961	795	904	875	900	776	762
1929	653	650	650	577	678	581	655	555	616	561	561	752	613
1930	700	819	650	822	667	747	753	695	716	801	860	797	709
1931	515	518	522	526	476	516	526	648	591	646	582	489	444
1932	678	646	3322	826	764	884	1017	937	959	1148	949	778	853
1933	1213	993	848	848	729	828	807	803	748	777	780	751	737
1934	753	761	823	728	687	860	1028	987	1062	872	847	781	717
1935	498	607	650	606	573	589	648	652	665	696	607	618	725
1936	731	650	599	488	696	770	730	680	575	620	546	664	637
1937	582	596	653	629	649	555	541	556	639	664	659	655	661
1938	1001	1201	1065	1606	2113	1509	1129	1117	1264	1276	1188	890	851
1939	763	706	660	733	754	711	630	657	663	689	562	647	624
1940	1063	1136	1416	1253	1222	961	1092	1268	1206	1124	1056	952	930

* - Interpolated

NOVEMBER

12	13	14	15	16	17	18	19	20	21	22	23
950	950	950	1010	1010	1010	950	950	950	950	890	770
721	721	721	990	721	892	1250	1060	1150	1060	1120	892
1760	1820	1700	1580	1700	1640	1580	1580	1580	1460	1460	1460
960	990	990	990	990	990	1050	1050	960	930	960	990
848	890	848	890	890	860	860	860	860	860	920	990
1040	1000	970	900	830	900	970	970	900	865	830	865
								1110			2130
675	675	675	675	675	675	675	675	675	675	700	700
810	1060	2350	2620	5250	2110	1470	1200	1160	1240	1240	1060
840	870	900	900	870	900	930	840	870	965	900	930
1020	1020	960	930	755	870	990	990	1050	1120	1190	1080
1230	1150	1190	1070	990	1070	1150	1570	3850	4190	5400	15200
1730	1600	1230	1160	1100	1100	1160	1160	1130	1340	1600	1830
930	970	1170	1300	1495	1300	1495	1230	1265	1265	1230	1035
1230											
1790	1530	1370	1300	1300	1300	1220	1220	1220	1220	1080	1080
961	1030	1030	961	780	830	898	731	839	839	839	961
725	721	731	769	919	771	781	797	818	869	859	867
733	622	824	1037	1057	1052	1052	1129	969	869	858	863
774	822	822	792	804	807	1103	915	671	675	742	884
932	925	941	950	1005	1030	1037	994	960	977	956	909
906	888	821	783	806	889	969	985	1007	1002	990	928
787	806	868	914	898	1063	1444	1837	2402	2470	2246	1900
874	795	871	877	933	777	723	786	910	1619	5726	3063
944	823	876	598	776	807	1013	1070	1066	826	756	812
827	851	838	856	828	821	835	809	782	759	893	821
875	775	659	709	765	652	629	568	812	1458	1391	1485
920	949	864	761	1838	931	897	852	775	755	757	823
907	1016	891	771	838	969	851	852	939	1970	1570	1370
3186	2620	2243	1723	2211	2746	2905	2531	2228	2999	3208	2745
776	762	811	909	814	783	862	611	622	831	889	881
752	613	529	535	601	567	674	686	661	665*	665*	665*
797	709	961	693	681	769	777	784	653	683	742	697
489	444	474	558	616	614	536	506	465	398	357	310
778	853	897	822	794	908	937	1050	942	890	870	837
751	737	733	757	745	706	764	918	842	705	794	645
781	717	775	680	673	693	778	954	988	897	874	829
618	725	604	602	654	657	750	755	683	659	642	658
664	637	605	688	587	736	742	642	639	611	600	604
655	661	729	818	777	754	851	613	1044	1681	1649	1216
890	851	1318	1111	1031	1349	1343	1099	1097	1107	847	751
647	624	714	665	612	658	525	580	554	561	615	546
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	1120			1250				990			
	1060	1060	892	892	892	892	892	892	892	978		
	1460	1460	1460	1340	1340	1340	1340	1460	1820	2060		
	930	960	990	1050	1050	1080	1120	990	930	990		
	860	920	990	1200	1050	990	1060	990	1020	1120		
	865	830	865	900	935	970	1040	900	900	935		
			2130		1680							
5	675	700	700	700	700	700	700	700	675	675		
0	1240	1240	1060	960	960	920	920	920	845	810		
0	965	900	930	965	1040	1070	1040	930	930	965		
0	1120	1190	1080	1080	1020	930	870	755	650	960		
0	4190	5400	15200	13000	9450	7370	5800	4700	4050	3850		
0	1340	1600	1830	1730	1640	1380	1100	1230	1300	1300		
55	1265	1230	1035	970	930	1230	1085	930	810	890		
20	1220	1080	1080	1080	1150	1230	1300	1450	1300	1220		
39	839	839	961	1030	961	961	898	961	1030	961		
18	869	859	867	886	830	790	788	683	767	957		
69	869	858	863	857	827	870	890	895	867	849		
71	675	742	884	856	860	962	780	785	887	675		
60	977	956	909	802	740	652	698	677	750	775		
07	1002	990	928	882	841	818	711	548	528	564		
02	2470	2246	1900	1627	1478	1384	1650	1568	1511	1385		
10	1619	5726	3063	2350	1690	1564	1601	1236	1514	1494		
66	826	756	812	411	818	620	659	717	681	745		
82	759	893	821	890	1177	1130	968	801	762	992		
12	1458	1391	1485	1229	1082	913	841	684	719	711		
75	755	757	823	805	971	939	1028	922	1016	915		
39	1970	1570	1370	1686	2075	2453	1941	1691	1692	2697		
28	2999	3208	2745	2307	2235	2821	3364	3341	3448	3900		
22	831	889	881	838	874	831	880	831	796	572		25,202
61	665*	665*	665*	665*	665*	672	810	700	698	688		19,248
53	683	742	697	790	876	828	729	860	742	708		22,709
65	398	357	310	268	344	643	725	675	538	586		15,612
42	890	870	837	687	789	699	826	808	834	888		28,239
42	705	794	645	764	754	751	760	624	912	806		23,842
88	897	874	829	839	875	795	812	817	761	776		24,722
8	659	642	658	712	710	638	663	666	552	387		19,124
9	611	600	604	555	594	590	473	414	414	420		18,300
4	1681	1649	1216	1007	1038	1067	972	961	882	816		24,914
7	1107	847	751	825	881	877	908	903	927	1113		33,691
4	561	615	546	670	649	655	703	630	705	658		19,499
0	850	958	704	664	852	855	863	806	1000	1326		29,882

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	950	950	770	720	720	950	950	950	950	890	1010	1010
1896												
1897												
1898	1060	1060	1060	1060	1580	1920	2260	2770	2600	2600	2600	2600
1899	2060	1700	1520	1280	1220	1220	1340	1340	1460	1580	1580	1460
1900	1050	1050	990	1050	1050	1050	1050	1050	1050	990	990	930
1901	1130	2180	2070	2070	1870	1600	1350	1240	1310	1200	1130	1060
1902	970	970	1040	1080	970	970	970	970	1040	1270	1290	1190
1903			1200		1110			1020				865
1904												
1905	675	675	675	650	560	560	520	480	480	450	450	480
1906												
1907	930	840	810	870	930	965	1000	1100	965	900	1000	1000
1908	990	930	990	1050	990	930	930	990	990	960	900	920
1909	3460	3200	2660	2540	2480	2370	2370	2370	2840	2480	2100	2150
1910	1300	1300	1340	2140	1680	1460	1380	1340	1460	1380	1380	1460
1911	1060	1035	990	1085	1110	1170	1140	1085	1110	1100	1085	1060
1912												
1913	1150	950	950	950	950	950	950	886	824	824	1020	1080
1914	898	783	898	1100	1030	961	783	731	683	638	783	961
1915	859	812	947	1000	1103	985	949	918	892	843	790	784
1916	747	982	1088	1185	1117	1034	901	698	493	859	949	976
1917	2121	1942	1323	915	885	972	1042	827	985	1022	917	909
1918	829	842	896	927	955	1092	1090	1084	926	901	807	723
1919	829	989	1058	918	836	852	836	786	733	628	673	752
1920	1236	1260	1249	1211	1168	1011	961	817	872	1019	1222	1225
1921	3353	3890	2723	1816	1582	1435	1470	1310	1218	1350	1360	1552
1922	709	688	650	716	649	1000	662	821	784	612	670	655
1923	991	710	685	646	662	798	999	1103	819	615	486	524
1924	680	847	950	936	793	796	798	751	772	647	672	754
1925	967	1522	2346	1549	1348	1231	1128	1042	937	926	888	999
1926	3325	2469	2521	2703	2522	2191	2020	1506	1174	1240	1088	1471
1927	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804	1534
1928	540	736	444	672	404	619	634	685	813	857	968	974
1929	686	719	640	575	609	732	688	696	686	941	2221	1670
1930	678	749	842	975	938	911	835	685	604	575	752	920
1931	380	445	563	635	610	462	582	513	572	431	416	532
1932	729	763	841	828	819	632	562	613	426	366	290	300
1933	765	690	740	805	802	652	809	837	767	781	795	821
1934	814	823	778	850	869	814	793	608	726	668	602	586
1935	444	399	403	424	575	679	729	656	811	725	657	833
1936	581	578	614	581	518	513	779	818	801	654	530	534
1937	630	675	643	684	679	641	692	404	734	596	2998	10641
1938	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043	903
1939	534	617	592	592	586	575	715	644	640	934	1197	1096
1940	1136	1045	1008	900	953	949	945	980	871	877	706	476

DECEMBER

11	12	13	14	15	16	17	18	19	20	21	22	23
1010	1010	1010	770	830	670	620	620	620	620	620	670	670
2600	2600	2600	2430	2430	2770	2770	2770	2770	2770	2770	2600	2600
1580	1460	1460	1460	1340	1340	1580	1580	1820	1820	1580	1580	1580
990	930	930	990	1050	1050	1120	1050	1050	1050	1460	1360	1120
1130	1060	920	830	1060	955	990	1020	1020	920	890	1080	1200
1290	1190	1000	830	695	695	695	747	1040	1080	1100	1120	1190
	865				850			945			945	
450	480	520	600	675	940	940	940	880	620	790	560	520
1000	1000	1040	1000	900							1180	1180
900	920	1020	810	650								1050
2100	2150	2200	2050	1850	1800	1660	1660	1700	1480	1390	1570	1700
1380	1460	1160	990	990	1020	1160	1100	1100	1070	1100	1160	1160
1085	1060	1085	970	990	1085	1085	950	870	910	930	860	1010
1020	1080	1080	1220	1080	950	824	1020	1080	886	824	824	1080
783	961	731	638	559	559	559				600		
790	784	757	884	765	574	641	854	704	739	946	1102	1157
949	976	1089	976	760	658	763	878	1162	885	992	989	897
917	909	1179	1640	1553	1192	1191	1529	1633	1737	1627	2038	1737
807	723	774	838	947	895	787	717	617	664	712	745	757
673	752	829	966	601	539	588	638	757	903	986	1126	1160
1222	1225	1170	1019	905	745	802	894	1097	1134	1117	1042	950
1360	1552	1372	1431	1350	1136	978	521	1184	1124	1295	1175	1163
670	655	674	666	527	873	706	655	1010	1118	974	954	790
486	524	702	812	1089	1009	968	848	911	972	963	799	635
672	754	835	837	833	727	775	639	458	434	420	422	425
888	999	1017	915	914	915	1016	940	1031	906	916	904	923
1088	1471	1312	1044	591	755	1171	1291	1296	989	1051	815	794
1804	1534	1660	1634	1619	1253	1635	1385	1164	971	1087	950	1548
968	974	849	913	839	843	791	591	647	586	599	615	606
2221	1670	1818	2649	1613	1827	2297	1692	1250	1271	1838	1047	1076
752	920	893	888	725	671	819	701	715	730	570	493	505
416	532	479	398	377	434	620	620	620	621	762	745	718
290	300	304	306	373	416	650	461	1046	832	851	496	750
795	821	902	994	959	872	836	402	701	886	976	972	943
602	586	628	910	1112	800	788	798	804	862	989	1017	1008
657	813	808	739	611	388	339	350	363	359	550	578	480
530	534	659	553	701	851	822	785	720	742	756	710	755
2998	10641	7374	4097	2945	2697	2301	1926	1760	1389	1226	1161	1291
1043	903	468	589	791	1146	1053	790	984	1010	932	928	752
1197	1096	876	820	699	836	1135	1420	1131	945	891	833	770
706	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	850	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	930	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	
1390	1570	1050	1080	930	930	1050	1120	990	930	755	
1100	1160	1700	1660	1660	1750	1570	1390	1310	1390	1570	
		1160	1300	1100	990	990	1040	1100	1100	1160	
930	860	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
762	745	718	718	694	726	751	837	750	620	557	18,188
851	496	750	690	1081	929	761	822	780	825	756	20,298
976	972	943	996	998	1106	1241	1215	1121	1110	1322	27,826
989	1017	1008	928	946	897	926	965	813	750	671	25,604
550	578	490	510	678	731	798	965	803	686	643	18,676
756	710	755	663	723	728	698	667	478	670	596	20,778
226	1161	1291	1288	1171	1319	1328	1174	1172	1097	1187	57,880
932	928	752	1038	948	866	764	885	985	985	693	30,490
891	833	770	715	685	552	552	659	697	778	918	24,634
004	1168	1185	1248	1127	1173	1073	1280	1068	968	1071	28,317

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	930	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	
1390	1570	1050	1080	930	930	1050	1120	990	930	755	
1100	1160	1700	1660	1660	1750	1570	1390	1310	1390	1570	
		1160	1300	1100	990	990	1040	1100	1100	1160	
930	860	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
762	745	718	718	694	726	751	837	750	620	557	18,188
851	496	750	690	1081	929	761	822	780	825	756	20,298
976	972	943	996	998	1106	1241	1215	1121	1110	1322	27,826
989	1017	1008	928	946	897	926	965	813	750	671	25,604
550	578	490	570	678	731	798	965	805	686	643	18,676
756	710	755	663	723	728	698	667	478	670	596	20,778
226	1161	1291	1288	1171	1319	1328	1174	1172	1097	1187	57,880
932	928	752	1038	948	866	764	885	985	985	693	30,490
891	833	770	715	685	552	552	659	697	778	918	24,634
004	1168	1185	1248	1127	1173	1073	1280	1068	968	1071	28,317

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1941	953	664	662	690	704	967	890	959	778	857	761	699
1942	612	612	612	927	737	737	737	999	1000	1157	1052	1051
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337
1944	998	895	979	759	575	685	876	673	670	671	674	676
1941	817	843	852	957	831	879	1140	1215	1100	1102	1244	1435
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5127
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364
1943	13118	14472	15282	15085	15650	14752	21884	11194	10220	10225	9810	9272
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178
1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254

NATURAL FLOW OF BOISE RIVER
BEGINNING 1941

11	12	13	14	15	16	17	18	19	20	21	22	23
JANUARY												
761	699	622	926	1076	929	927	878	884	888	890	886	884
1052	1051	841	946	946	621	731	1306	866	756	866	748	976
1554	1337	1344	1519	1550	1636	1300	1100	1315	2010	2179	3728	4603
674	676	684	688	962	934	945	1042	827	824	822	722	730
FEBRUARY												
1244	1435	1469	1238	1123	1163	1093	994	1041	1151	1069	1093	1369
1285	1152	1118	861	997	1179	1011	892	739	753	806	1477	1051
1569	1359	1648	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419
791	785	773	785	906	1053	867	858	979	842	847	622	916
MARCH												
1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922
1403	1593	1652	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305
2520	2460	2525	3825	3899	3451	3161	2860	2606	2620	2026	2818	2119
1191	1182	1174	1248	1012	681	1196	1442	1446	1399	1366	1122	1135
APRIL												
3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452
6081	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562
16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208
2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613
MAY												
4367	5127	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676
4477	4364	4144	4097	4044	4151	4093	3815	3906	3693	4044	4664	6595
9810	9272	8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237
5134	5178	5509	6077	7059	7632	7270	6542	5688	5076	4361	4248	4142
JUNE												
4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436
8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427
9666	10493	11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859
4477	4254	4137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924

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
822	722	730	940	827	828	823	733	748	744	752	24,706
1069	1093	1369	1529	1776	1535	1284	1342				32,684
806	1477	1051	1150	952	922	941	1079				31,581
2462	2739	3419	3440	3327	2831	2870	2759				58,282
847	622	916	794	919	798	797	954	780			26,305
1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		82,000
4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,838
8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863

NATURAL FLOW OF BOISE RIVER BEGINNING 1941

12	13	14	15	16	17	18	19	20	21	22	23
JULY											
1296	1213	1239	1233	1251	1217	1219	1147	1113	1090	1041	994
2238	2108	2075	1899	1811	1790	1696	1591	1530	1473	1450	1417
6508	5908	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169
1698	1642	1590	1519	1482	1511	1455	1401	1317	1284	1347	1321
AUGUST											
1339	1262	1140	899	839	852	890	1240	962	832	879	800
784	756	742	745	729	674	688	648	611	596	625	597
1539	1630	1644	1636	1618	1594	1521	1514	1457	1400	1366	1315
767	687	650	649	638	631	634	626	616	581	542	536
SEPTEMBER											
642	669	698	742	747	740	727	686	699	710	726	726
554	592	624	632	638	623	623	601	620	635	652	666
914	882	917	926	889	862	817	783	787	758	828	858
557	517	509	487	455	477	474	547	606	663	707	689
OCTOBER											
676	783	804	698	802	2533	1954	1566	1420	1187	922	936
605	740	744	844	563	683	718	692	895	720	764	720
1228	940	1122	939	927	1006	876	1012	883	1121	1084	1085
635	617	611	652	642	821	807	673	632	598	664	671
NOVEMBER											
903	780	894	1387	2533	1954	1566	1420	1187	922	936	850
747	707	842	944	1562	1158	1186	1150	1007	857	703	858
1240	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056
1039	928	975	860	870	745	682	577	656	681	731	722
DECEMBER											
1237	1309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896
1212	1225	1116	1111	1041	1189	1052	920	942	994	1293	1140
746	746	746	770	748	759	939	974	1002	1003	1186	1003
352	396	406	464	505	765	610	640	866	1052	818	1137

Chart # 2-M

	22	23	24	25	26	27	28	29	30	31	TOTAL
1											
0	1041	994	966	947	900	891	1141	1079	1040	920	41,666
3	1450	1417	1356	1337	1280	1290	1198	1161	1151	1045	68,726
63	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
84	1347	1321	1293	1251	1259	1179	1149	1118	1029	1024	53,191
82	879	800	714	860	776	781	787	749	724	686	26,603
96	625	597	623	626	596	605	568	578	593	603	23,487
00	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,878
81	542	536	547	534	523	529	518	537	539	503	21,842
10	726	726	728	728	731	727	711	714	715		20,699
35	652	666	615	604	572	557	575	536	544		17,670
58	828	858	840	891	815	850	874	882	899		28,049
63	707	689	672	658	636	624	630	620	560		17,384
87	922	936	850	694	863	958	909	675	1000	871	31,600
20	764	720	760	651	626	702	792	737	835	699	21,282
21	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
98	664	671	674	693	659	958	436	669	638	718	20,414
22	936	850	694	863	958	909	675	1000	871		31,600
57	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
06	985	1056	1056	968	1056	959	955	909	935		35,352
81	731	722	699	802	716	741	747	600	581		26,099
40	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
94	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
03	1186	1003	943	1056	954	838	628	536	757	994	27,884
52	818	1137	906	839	783	615	621	588	906	826	21,451

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	2512	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	762	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	78921	1732102	49363	214041	78692	28525	22964	27071	31710	33064
Ac.ft.	42256	72120	157842	346420	498726	428086	157384	57050	45928	54142	63420	66128

Total in acre feet for average year, - 2019502

YEAR	October	November	December	January	February	March	April
1894-95	54700(8)	54000	62700	78600	68280	103180	243140
1895-96	57040	54980	50980	73440	67660	157560	295040
1896-97	54220	62300(3)	64600	50520	55240	87960	476000(5)
1897-98	63440	64100	61500(7)	34100	67200	119280	251900
1898-99	53262	56240	151640	160600	79640	113900	425740
1899-00	83664	90000	97000	125420	96440	305220	380020
1900-01	63570	61880	65060	79440	98340	179320	305940
1901-02	56464	55892	76400	61300	90440	88920	211470
1902-03	45630	54498	63474	81760	63570	143360	448220
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	671840
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200
1905-06	42980	41010	40410	50810	57240	101100	337920
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673380
1907-08	57870	5978	63300	67230	63282	141130	382540
1908-09	68440	59280	58000	138160	110680	232840	472120
1909-10	63140	200560	124760	79900	66600	566900	609980
1910-11	63210	73780	76820	63010	76340	159570	323960
1911-12	66570	66700	63520	78420	76120	99580	342620
1912-13	66960	67820	60680	53800	51400	101800	374960
1913-14	63524	80180	62380	71196	74968	216040	469040
1914-15	69680	58368	44800	59580	59726	94782	176564
1915-16	42410	45626	53346	49930	63262	197486	555062
1916-17	59106	54016	53702	47628	47694	61740	267082
1917-18	46004	49506	128592	113818	77754	181542	346040
1918-19	64492	56578	49118	50532	52844	114916	395854
1919-20	47968	56548	52610	66528	66774	89234	189044
1920-21	59966	75678	67106	112422	94098	271472	394484
1921-22	55492	39088	44979	60982	53180	113692	319642
1922-23	52172	48886	52872	62100	50860	92700	273726
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	336006
1932-33	39142	56478	40596	43926	41136	64474	239342
1933-34	41276	47684	55652	79680	79948	151896	249648
1934-35	37058	49444	51208	52256	54336	83150	299458
1935-36	33616	38248	37352	44612	47356	100060	377594
1936-37	39772	36600	41556	37568	41728	89870	207358
1937-38	36266	49828	115760	67492	71566	191026	505100
1938-39	60626	67394	60980	52236	47170	164294	328918
1939-40	40474	38998	49268	53858	75724	201512	355842
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
1943-44	61802	70704	55768	49412	52610	68094	164000

YEAR	October	November	December	January	February	March	April
1894-95	54700(8)	54000	62700	78600	68280	103180	243140
1895-96	57040	54980	50980	73440	67660	157560	295040
1896-97	54220	61300(3)	64600	50520	55240	87960	476000(5)
1897-98	63440	64100	61500(7)	34100	67200	119280	251900
1898-99	53262	56240	151640	160600	79640	113900	425740
1899-00	83664	90000	97000	125420	96440	305220	380020
1900-01	63570	61880	65060	79440	98340	179320	305940
1901-02	56464	55892	76400	61300	90440	88920	211470
1902-03	45630	54498	63474	81760	63570	143360	448220
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	671840
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200
1905-06	42980	41010	40410	56810	57240	101100	337920
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673380
1907-08	57890	55978	63300	67230	63282	141130	382540
1908-09	68440	59280	58000	138160	110680	232840	472120
1909-10	63140	200560	124760	79900	66600	566900	609980
1910-11	63210	73780	76820	63010	76340	159570	323960
1911-12	66570	66700	63520	78420	76120	99580	342620
1912-13	66960	67820	60680	53800	51400	101800	374960
1913-14	63524	80180	61380	71196	74968	216040	469040
1914-15	69680	58368	44800	59580	59726	94782	176564
1915-16	42410	45626	53346	49930	63262	197486	555062
1916-17	59106	54016	53702	47628	47694	61740	267082
1917-18	46004	49506	128592	113818	77754	181542	346040
1918-19	64492	56578	49118	50532	52844	114916	395854
1919-20	47968	56548	52610	66528	66774	89234	189044
1920-21	59966	75678	67106	112422	94098	271472	394484
1921-22	55492	39088	44979	60982	53180	113692	319642
1922-23	52172	48886	52872	62100	50860	92700	273726
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	336006
1932-33	39142	56478	40596	43926	41136	64474	239342
1933-34	41276	47684	55652	79680	79948	151896	249648
1934-35	37058	49444	51208	52256	54336	83150	299458
1935-36	33616	38248	37352	44612	47356	100060	577594
1936-37	39772	36600	41556	37562	41728	89870	207358
1937-38	36266	49828	115760	67492	71566	191026	505100
1938-39	60626	67394	60980	52236	47170	164294	328918
1939-40	40474	38998	49268	53858	75724	201512	355842
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
1943-44	61802	70704	55768	49412	52610	68094	164000

FOR IRRIGATION YEARS BEGINNING 1894 - 1895.

March	April	May	June	July	August	September	TOTAL	
103180	243140	395220	225700	152380	63620	58000	1,559,520	
157560	295040	555380	1464280	385520	81960	57500	3,301,340	
87960	476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,910	
119280	251900	320280	299360	116848	45708	39168	1,482,884	(1) No
113900	425740	608020	731400	356160	109940	68900	2,915,442	High
305220	380020	510720	300640	84156	53496	51196	2,177,972	(2) Su
179320	305940	626460	287420	116400	52222	49944	1,985,996	fr
88920	211470	353460	287160	106720	49496	40914	1,478,636	(3) Su
143360	448220	520620	601880	147580	53000	46344	2,269,936	fr
262140	671840	828600	521060	201920	71972	43830	3,017,216	(4) Mis
101900	176200	229820	247660	78860	39870	34660	1,183,050	stl
101100	337920	428100	346980	162900	52410	41090	1,702,950	(5) Mis
346120	673380	683520	534560	335640	101600	62066	3,207,016	stl
141130	382540	370360	324880	198500	64920	55524	1,845,534	year
232840	472120	605240	655220	226800	63690	57220	2,747,690	(6) Mis
566900	609980	513560	310360	110040	53970	56390	2,758,160	stl
159570	323960	549120	740860	233040	74906	59728	2,494,344	year
99580	342620	684180	677560	173980	83380	66080	2,478,710	(7) Inte
101800	374960	573740	413420	158660	82964	54290	2,060,494	Aver
216040	469040	553660	307700	124130	58742	52654	2,133,214	wate
94782	176564	274130	191900	83978	40926	39672	1,194,106	
197486	555062	563720	594764	293818	80102	53680	2,593,206	
61740	267082	654106	643322	260216	65224	43950	2,257,786	
181542	346040	409954	461268	112120	56300	49922	2,032,820	
114916	395854	509192	240872	69736	36404	34262	1,674,800	
89234	189044	449730	333468	117328	40586	39034	1,548,852	
271472	394484	824032	718728	175390	63068	48784	2,905,228	
113692	319642	552674	659854	148066	65210	47974	2,160,833	
92700	273726	454010	376208	192504	67552	42946	1,766,536	
63550	136450	243200	76792	35296	24426	25320	892,242	
192378	501862	700486	367370	152598	60730	47302	2,336,520	
140448	232672	247704	105072	41132	30872	29480	1,113,374	
188084	378928	665294	725602	233700	74786	55734	2,677,270	
272846	316812	852194	305656	118292	51462	41304	2,438,946	
101904	179094	359418	285896	98288	36822	32488	1,336,000	
103616	274178	295246	257382	79234	43256	34720	1,342,541	
91246	177172	251538	110862	34670	23156	24046	946,844	
135826	336006	564176	458224	154298	52212	41746	1,916,880	
64474	239342	341610	538198	99610	40282	35556	1,580,350	
151836	249648	229216	86240	37252	22622	24966	1,106,080	
83150	299458	428528	363262	97334	39022	30052	1,585,108	
100060	577594	625906	319284	82558	43272	40936	1,990,794	
89870	207358	381192	178996	60820	25996	25958	1,167,414	
191026	505100	711314	558138	201292	71190	46910	2,625,882	
164294	328918	341836	136300	60358	28454	30436	1,379,002	
201512	355842	434480	227258	64468	31480	38986	1,612,348	
113448	188300	365336	266776	83332	53206	41318	1,400,910	
87804	341622	325676	362374	137452	46974	35340	1,680,172	
235138	1006532	722804	627754	359598	103756	56098	3,569,848	
68094	164000	303208	247726	106382	43684	34768	1,258,158	

BEGINNING 1894 - 1895.

	June	July	August	September	TOTAL	
	225700	152380	63620	58000	1,559,520	
6) 1464280	385520	81960	57500	3,301,340		
415000(5)	143300	67250	62520	2,045,910		
299360	116848	45708	39168	1,482,884	(1) Mean of 4	
731400	356160	109940	68900	2,915,442	High Years.	
300640	84156	53496	51196	2,177,972	(2) Substituted	
					from 1906.	
287420	116400	52222	49944	1,985,996	(3) Substituted	
287160	106720	49496	40914	1,478,636	from 1900.	
601880	147580	53000	46344	2,269,936	(4) Missing Days sub-	
521060	201920	71972	43830	3,017,216	stituted from 1900.	
247660	78860	39870	34660	1,183,050	(5) Missing Days sub-	
					stituted from 21	
346980	162900	52410	41090	1,702,950	year mean.	
534560	335640	101600	62066	3,207,016		
324880	158500	64920	55524	1,845,534	(6) Missing months sub-	
655220	226800	63690	57220	2,747,690	stituted from 21	
310360	110040	55970	56390	2,758,160	year mean.	
740860	233040	74906	59728	2,494,344	(7) Interpolated	
677560	173980	83380	66080	2,478,710	(8) Average of 5 short	
413420	158660	82964	54290	2,060,494	water years.	
307700	124130	58742	52654	2,133,214		
191900	83978	40926	39672	1,194,106		
594764	293818	80102	53680	2,593,206		
643322	260216	65224	43950	2,257,786		
461268	112120	56300	49922	2,032,820		
240872	69736	36404	34262	1,674,800		
333468	117328	40586	39034	1,548,852		
718728	175390	63068	48784	2,905,228		
659854	148066	65210	47974	2,160,833		
376208	192504	67552	42946	1,766,536		
76792	35296	24426	25320	892,242		
367370	152598	60730	47302	2,336,520		
105072	41132	30872	29480	1,113,374		
725602	233700	74786	55734	2,677,270		
305656	118292	51462	41304	2,438,946		
285896	98288	36822	32488	1,336,000		
257382	79234	43256	34720	1,342,541		
110862	34670	23156	24046	946,844		
458224	154298	52212	41746	1,916,880		
538198	99610	40282	35556	1,580,350		
86240	37252	22622	24966	1,106,080		
363262	97334	39022	30052	1,585,108		
319284	82558	43272	40936	1,990,794		
178996	60820	25996	25958	1,167,414		
558138	201292	71190	46910	2,625,882		
136300	60358	28454	30436	1,379,002		
227258	64468	31480	38986	1,612,348		
266776	83332	53206	41318	1,400,910		
362374	137452	46974	35340	1,680,172		
627754	359598	103756	56098	3,569,848		
247726	106382	43684	34768	1,258,158		

DISCHARGE,

BY DAYS DURING THE

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1	New York Canal (MC #2)	0	0	0	313	573	776	205	446	223
2	Penitentiary	0	0	0	0	0	0	0	0	0
3	Eubb (South Boise)	0	0	0	0	0	0	0	0	0
4	Ridenbaugh	0	0	0	0	0	0	65	65	65
5	Settlers	0	0	0	0	0	0	0	0	0
6	Thurman Mill	0	0	0	0	0	0	0	0	0
7	Cruzen (Consumers)	0	0	0	0	0	0	0	0	0
8	Boise City Canal	0	0	0	0	0	0	0	0	0
9	Farmers' Union & B. V.	20	30	32	9	0	12	35	34	34
10	New Union Ditch Co.	0	0	0	0	0	0	0	0	0
11	New Dry Creek Ditch Co.	0	0	0	0	0	0	0	0	0
12	Ballantine Ditch Co.	0	0	0	0	0	0	0	0	0
13	Middleton Irrigation Ass'n.	0	0	0	0	0	0	0	0	0
14	Middleton Mill	0	0	0	0	0	0	0	0	0
15	Little Pioneer	0	0	0	0	0	0	0	0	0
16	Canyon County	0	0	0	0	0	0	0	0	0
17	x Eagle Island Canals	0	0	0	0	0	0	0	0	0
18	Phyllis	0	210	81	96	56	56	64	112	128
19	Eureka # 1	4	4	4	4	4	4	4	4	4
20	Caldwell High Line	0	0	0	0	0	0	0	0	0
21	Farmers' Coop.	0	0	0	0	0	0	0	0	0
22	Campbell	0	0	0	0	0	0	0	0	0
23	Siebenberg	0	0	0	0	0	0	0	0	0
24	Riverside # 2	0	0	0	0	0	0	0	0	0
25	Pioneer Dixie	0	0	0	0	0	0	0	0	0
26	Eureka # 2	0	0	0	0	0	0	0	0	0
27	Upper Center Point	0	0	0	0	0	0	0	0	0
28	Lower Center Point	0	0	0	0	0	0	0	0	0
29	x Miscellaneous	0	0	0	0	0	0	0	0	0
	Total Canal Diversions	24	244	117	422	633	848	373	661	454
30	River at Notus	568	602	638	590	472	399	374	492	472
	Totals	592	846	755	1012	1105	1247	747	1153	926

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers

x Miscellaneous Canals include Meeves, Rossi Mill, Davis, Little Davis, & Jacobs or Julia Davis

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1944, INCLUDING STORAGE

APRIL

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
6	205	446	223	225	223	262	403	634	1006	1212	1198	1393	1553	1648	1734
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	65	65	65	65	119	169	169	169	169	21	21	21	40	40	40
0	0	0	0	0	0	0	0	0	0	0	18	4	4	2	2
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
2	35	34	34	34	35	34	16	16	16	16	16	16	23	23	23
0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
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	44	44	44	44	44	44	42
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
6	64	112	128	156	191	204	204	190	165	132	200	200	200	174	170
4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0
0	0	0	0	17	32	35	35	45	45	45	45	67	67	67	83
0	0	0	0	0	0	0	0	0	0	0	76	110	152	110	76
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
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
8	373	661	454	501	604	708	827	1054	1445	1470	1618	1855	2083	2110	2172
0	374	492	472	434	378	492	556	596	492	412	343	354	311	412	508
7	747	1153	926	935	982	1200	1383	1650	1937	1882	1961	2209	2394	2522	2680

Aiken, Catlin & Mace, Hart & Davis,
Joplin & Seven Suckers

is, & Jacobs or Julia Davis

Chart No. 5

18	19	20	21	22	23	24	25	26	27	28	29	30	Total
93	1553	1648	1734	1524	1191	1209	1385	1557	1616	1648	1824	1997	27978
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
21	40	40	40	33	105	174	174	173	240	240	240	240	2857
4	4	2	2	0	7	16	16	14	14	13	13	13	136
0	0	0	0	0	0	0	0	0	10	12	15	19	56
0	0	0	0	0	0	0	0	4	4	4	4	4	20
16	23	23	23	23	23	30	48	34	0	0	0	0	0
0	0	2	2	2	2	2	2	2	33	33	44	44	786
0	0	0	0	0	0	0	0	0	2	4	6	6	32
0	0	0	0	0	0	0	0	0	3	3	4	4	14
44	44	44	42	44	73	73	73	70	0	0	0	0	0
0	0	0	0	0	0	26	24	21	67	67	151	165	1089
0	0	0	0	0	0	0	0	0	28	27	27	39	192
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	10	14	19	25	27	28	123
00	200	174	170	180	180	190	166	210	277	308	330	379	5209
0	0	0	0	0	0	0	0	0	0	0	0	0	48
67	67	67	83	83	83	83	83	83	77	72	67	71	1285
0	152	110	76	76	76	76	76	110	130	152	160	160	1540
0	0	0	0	0	0	0	8	10	12	14	15	15	74
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	53	48	63	78	92	107	441
0	0	0	0	0	0	0	0	30	34	46	64	64	238
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
2083	2110	2172	1965	1740	1879	2118	2380	2629	2746	3083	3355		42118
311	412	508	338	178	146	163	139	150	161	346	482		11998
2394	2522	2680	2303	1918	2025	2281	2519	2779	2907	3429	3837		54116

DISCH
BY DAYS DUR

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC # 2)	2175	2230	2260	2342	2316	2389	2503	2550	2612	2668
2	Penitentiary	5	5	5	5	6	6	6	6	6	6
3	Bubb (South Boise)	0	0	0	0	10	10	10	15	15	15
4	Ridenbaugh	334	334	334	402	463	518	526	525	525	525
5	Settlers	54	61	76	76	127	143	156	166	173	181
6	Thurman Mill	24	27	29	32	33	33	33	34	34	35
7	Cruzen (Consumers)	4	6	7	9	11	12	14	14	14	14
8	Boise City Canal	15	17	17	21	21	23	25	31	33	33
9	Farmers' Union & B. V.	52	65	91	77	94	151	148	165	183	193
10	New Union Ditch Co.	6	7	8	10	12	14	14	14	14	15
11	New Dry Creek Ditch Co.	32	36	36	44	44	51	54	65	68	74
12	Ballantine Ditch Co.	6	6	8	9	10	11	11	11	11	11
13	Middleton I. Association	164	171	189	151	96	203	239	251	217	222
14	Middleton Mill	29	22	17	62	33	38	93	140	92	97
15	Little Pioneer	0	0	0	0	0	0	0	0	0	12
16	Canyon County	30	31	33	34	36	37	39	40	42	43
17	x Eagle Island Canals	0	0	10	14	18	23	28	32	36	41
18	Phyllis	365	390	406	404	410	368	397	357	357	357
19	Eureka # 1	10	12	14	18	20	43	43	43	43	43
20	Caldwell High Line	74	74	82	80	80	79	79	78	102	102
21	Farmers' Coop	178	204	224	276	178	90	46	290	334	350
22	Campbell	15	15	16	16	16	16	17	17	17	17
23	Siedenbergs	0	0	0	0	0	0	0	0	6	6
24	Riverside # 2	110	112	114	116	118	121	123	125	127	130
25	Pioneer Dixie	64	64	64	64	64	63	63	63	63	62
26	Eureka # 2	0	24	26	27	29	30	33	35	36	39
27	Upper Center Point	0	0	0	0	12	12	12	14	14	16
28	Lower Center Point	0	0	0	0	0	0	0	12	14	16
29	x Miscellaneous	0	0	0	12	16	19	21	24	26	27
	Total Canal Diversions	3746	3913	4066	4301	4273	4523	4733	5117	5214	5350
30	River at Notus	742	868	632	216	64	28	24	174	482	354
	Totals	4488	4781	4698	4517	4337	4551	4757	5291	5696	5704

x Eagle Island Canals include - Lamp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers

x Miscellaneous Canals include Meeves, Rossi Mill, Davis, Little Davis, & Jacobs or Julia Davis

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1944, INCLUDING STORAGE

MAY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
2550	2612	2668	2690	2684	2684	2701	2707	2735	2724	2735	2752	2752	2679	2550
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
15	15	15	17	17	17	19	19	21	21	23	23	22	21	21
525	525	525	528	528	536	534	517	525	524	518	522	523	521	521
166	173	181	188	191	191	191	194	194	194	210	193	193	193	193
34	34	35	35	36	36	37	37	38	39	40	41	42	42	42
14	14	14	16	16	16	16	16	17	17	17	17	17	18	18
31	33	33	34	35	38	38	38	38	38	38	38	33	33	33
165	183	193	203	203	208	208	208	208	208	213	216	218	218	218
14	14	15	15	15	15	16	16	16	17	17	17	18	18	18
65	68	74	70	75	81	82	82	82	82	82	82	78	82	82
11	11	11	12	12	12	12	13	13	13	13	14	14	14	14
251	217	222	198	206	215	165	198	239	217	199	165	87	84	131
140	92	97	73	92	116	140	165	110	102	95	83	67	54	90
0	0	12	12	12	12	12	14	16	18	21	25	27	29	32
40	42	43	45	46	48	49	51	52	54	55	57	58	60	62
32	36	41	44	47	49	50	51	52	54	54	54	54	54	54
357	357	357	358	378	378	378	378	389	389	389	389	411	371	375
43	43	43	42	42	42	42	42	41	41	41	41	41	41	41
78	102	102	0	128	125	125	125	123	123	108	96	94	72	46
290	334	350	362	358	388	388	400	388	400	400	388	373	382	356
17	17	17	18	18	18	18	19	19	19	19	20	20	22	24
0	6	6	6	6	6	8	8	8	10	10	10	11	11	11
125	127	130	132	134	137	139	141	144	146	147	147	148	148	154
63	63	62	62	62	61	61	61	60	60	60	62	62	64	67
35	36	39	44	45	49	51	53	54	55	66	66	66	66	65
14	14	16	18	20	20	21	22	23	23	23	23	22	22	22
12	14	16	18	19	21	21	25	27	29	29	29	29	29	29
24	26	27	29	30	30	30	30	30	30	30	30	30	30	30
5117	5214	5350	5275	5461	5555	5558	5636	5668	5653	5658	5606	5516	5384	5278
174	482	354	183	121	130	403	1200	1880	1880	1780	1080	603	276	147
5291	5696	5704	5458	5582	5685	5961	6836	7548	7533	7438	6686	6119	5660	5425

Catlin & Mace, Hart & Davis,
lin & Seven Suckers

Jacobs or Julia Davis

	20	21	22	23	24	25	26	27	28	29	30	31	Total
9	2752	2679	2524	2508	2477	2477	2425	2290	2170	2342	2363	2250	77714
2	6	6	6	6	6	6	6	6	6	6	6	6	182
6	22	21	20	20	20	20	20	20	20	20	19	19	493
3	523	521	521	525	523	516	513	518	518	0	0	454	14350
2	193	193	193	192	191	190	190	187	186	186	184	182	5226
3													
1	42	42	41	40	39	38	37	36	34	32	31	30	1095
7	17	18	18	18	18	19	19	19	19	19	19	19	475
8	33	33	34	34	35	35	36	36	36	36	36	36	991
6	218	218	218	220	220	220	217	213	213	213	212	212	5688
7	18	18	18	18	18	18	17	17	17	17	16	16	466
2	78	82	82	82	82	82	81	83	84	85	86	88	2217
4	14	14	14	14	14	14	14	15	15	15	15	15	381
5	87	84	131	181	219	218	189	184	227	180	193	202	5800
3	67	54	90	80	71	83	79	78	102	94	89	93	2579
5	27	29	32	36	37	38	39	39	40	41	41	41	594
7	58	60	62	64	73	82	91	100	102	105	102	103	1824
4	54	54	54	54	54	54	54	54	54	54	54	54	1305
9	411	371	375	374	374	374	373	373	377	377	377	377	11790
1	41	41	41	42	42	42	43	43	43	43	43	41	1168
6	94	72	46	70	70	70	68	67	66	68	67	67	2608
8	373	382	356	346	378	350	340	290	340	378	361	388	9924
0	20	22	24	26	28	29	30	31	33	35	35	34	677
0	11	11	11	11	11	11	12	12	12	12	12	12	222
7	148	148	154	148	147	147	146	146	148	147	144	145	4231
2	62	64	67	67	69	70	73	74	74	76	80	81	2040
6	66	66	65	65	65	64	64	64	63	63	61	61	1529
8	22	22	22	22	21	21	21	21	21	20	20	20	526
9	29	29	29	29	28	28	28	28	27	27	27	27	596
0	30	30	30	30	30	30	30	30	30	30	30	30	774
6	5516	5384	5278	5322	5360	5346	5255	5074	5077	4721	4723	5103	157465
0	603	276	147	92	78	74	65	56	54	99	92	155	14032
6	6119	5660	5425	5414	5438	5420	5320	5130	5131	4820	4815	5258	171497

DISCHARGE, IN S
BY DAYS DURING THE IRR

Name of Canal	1	2	3	4	5	6	7	8	9	10	11
New York Canal (MC #2)	2493	2595	2567	2534	2462	2529	2503	2488	2519	2628	2690
Penitentiary	6	6	6	6	6	6	5	5	5	5	5
Bubb (South Boise)	19	19	19	19	19	18	18	18	18	18	18
Ridenbaugh	472	471	471	447	459	467	467	467	467	469	485
Settlers	182	163	150	148	155	161	162	169	170	160	120
Thurman Mill	29	28	27	26	25	24	23	24	24	25	26
Cruzen (Consumers)	19	19	20	20	20	20	20	20	20	20	20
Boise City Canal	38	36	36	38	36	36	36	36	39	28	28
Farmers' Union & W.V.	212	195	160	160	160	0	172	171	160	160	160
New Union Ditch Co.	16	15	15	15	14	14	13	13	13	13	13
New Dry Creek Ditch Co	76	74	74	76	75	74	73	73	69	64	65
Ballantine Ditch Co.	15	15	15	15	15	15	14	14	13	13	12
Middleton Irr. Ass'n.	205	214	131	112	101	125	145	181	200	227	164
Middleton Mill	106	108	87	86	80	33	26	36	32	41	59
Little Pioneer	41	40	40	39	39	38	38	38	38	38	38
Canyon County	96	89	82	75	68	62	71	80	86	85	84
x Eagle Island Canals	54	54	54	54	54	54	54	54	54	54	54
Phyllis	351	320	377	273	288	289	310	304	292	280	237
Eureka # 1	39	38	37	35	34	33	28	30	28	30	30
Caldwell High Line	56	56	52	52	56	56	56	56	56	56	56
Farmers' Coop.	388	378	388	334	324	322	324	322	368	364	308
Campbell	32	30	28	26	24	22	20	18	16	14	12
Siedenberg	11	11	10	10	9	8	7	6	5	4	3
Riverside # 2	145	147	146	148	148	150	151	151	150	152	152
Pioneer Dixie	83	81	81	79	78	76	74	74	74	72	71
Eureka # 2	61	60	57	56	50	49	47	47	46	45	44
Upper Center Point	20	20	19	19	18	16	15	14	13	12	11
Lower Center Point	27	25	23	22	22	21	19	18	18	17	17
x Miscellaneous	30	30	30	30	30	30	30	30	30	30	30
Total Canal Diversions	5322	5337	5202	4954	4869	4748	4921	4957	5023	5124	5012
River at Notus	358	503	931	1010	762	503	370	195	788	875	1110
Totals	5680	5840	6133	5964	5631	5251	5291	5152	5811	5999	6122

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers

x Miscellaneous Canals include Meeves, Rossi Mill, Davis, Little Davis, & Jacobs or Julia Davis

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1944, INCLUDING STORAGE

JUNE

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
03	2488	2519	2628	2690	2540	2300	2316	2326	2200	2160	2160	2150	2155	2265
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	18	18	18	18	18	18	19	19	19	19	20	20	20	20
67	467	467	469	485	439	453	458	459	445	439	441	441	442	444
62	169	170	160	120	113	113	106	98	92	89	93	100	109	120
23	24	24	25	26	27	28	29	30	31	32	33	34	35	36
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
36	36	39	28	28	32	33	33	32	31	30	30	31	31	32
72	171	160	160	160	137	137	137	126	126	132	126	139	139	148
13	13	13	13	13	13	12	12	12	12	12	12	12	12	13
73	73	69	64	65	82	84	83	84	88	92	87	85	83	81
14	14	13	13	12	12	11	11	10	10	9	9	10	10	10
45	181	200	227	164	164	156	37	34	115	100	125	118	118	104
26	36	32	41	59	56	52	52	60	57	55	56	55	74	106
38	38	38	38	38	38	38	38	38	37	36	35	32	30	27
71	80	86	85	84	83	82	81	80	79	78	77	76	75	74
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
10	304	292	280	237	214	208	196	188	180	179	179	196	213	231
28	30	28	30	30	30	30	30	30	30	31	31	31	31	31
56	56	56	56	56	56	56	56	56	56	56	56	65	65	65
24	322	368	364	308	321	302	308	308	314	314	246	240	230	220
20	18	16	14	12	11	11	11	11	11	11	11	10	10	10
7	6	5	4	3	3	3	3	4	4	4	5	5	5	5
51	151	150	152	152	145	145	144	148	150	151	152	154	155	157
74	74	74	72	71	78	77	77	74	71	69	67	64	62	59
47	47	46	45	44	44	44	43	43	43	42	42	42	41	41
15	14	13	12	11	10	9	8	7	6	6	6	5	5	5
19	18	18	17	17	16	16	16	15	15	15	14	14	13	13
80	30	30	30	30	30	30	30	30	30	30	30	30	30	30
1	4957	5023	5124	5012	4791	4527	4413	4401	4331	4270	4222	4238	4272	4426
0	195	788	875	1110	1420	1240	1100	1240	1330	1330	1150	882	608	412
1	5152	5811	5999	6122	6211	5767	5513	5641	5661	5600	5372	5120	4880	4838

en, Gatlin & Mace, Hart & Davis,
Joplin & Seven Suckers

& Jacobs or Julia Davis

Chart 5-B

	20	21	22	23	24	25	26	27	28	29	30	31	Total
19	2155	2265	2175	2150	2090	1906	2030	2065	2035	1915	2095		69041
50	5	5	5	5	5	5	5	5	5	5	5		156
5	20	20	20	21	21	21	21	21	22	22	22		586
20	442	444	356	463	466	477	0	417	417	417	411		13027
41	109	120	133	151	155	163	166	166	164	162	161		4194
00													
34	35	36	37	38	39	40	41	42	43	44	45		965
20	20	20	19	19	19	19	19	19	19	18	18		587
31	31	32	32	33	33	33	34	34	34	35	35		1005
39	139	148	148	168	168	168	168	173	188	188	198		4624
12	12	13	13	13	13	14	14	14	14	15	15		401
5	83	81	79	77	75	73	71	69	67	65	63		2281
0	10	10	11	11	12	12	13	13	14	14	15		373
18	118	104	153	131	131	124	133	143	143	145	203		4182
5	74	106	116	110	113	112	101	93	85	45	99		2191
2	30	27	23	21	18	20	23	27	31	34	37		1010
6	75	74	72	70	68	67	66	65	65	66	72		2274
4	54	54	54	54	54	54	54	54	54	54	54		1620
6	213	231	230	248	247	251	289	313	318	328	320		7849
1	31	31	32	32	32	31	31	30	30	30	30		945
5	65	65	0	0	27	27	37	42	48	65	86		1527
0	230	220	240	242	273	242	234	230	250	192	92		8618
0	10	10	10	9	9	9	9	8	8	8	7		426
5	5	5	6	6	6	6	6	6	6	6	6		179
4	155	157	156	157	156	156	158	159	158	158	156		4555
4	62	59	59	57	57	56	53	50	49	47	46		2015
2	41	41	41	41	41	40	39	37	35	34	32		1327
5	5	5	4	4	4	4	7	7	11	13	16		314
4	13	13	12	11	10	10	10	10	10	10	11		470
0	30	30	30	30	30	30	30	30	30	30	30		900
3	4272	4426	4266	4372	4372	4170	3862	4342	4353	4165	4380		137642
2	608	412	584	704	477	314	253	288	144	102	76		21059
1	4880	4838	4850	5076	4849	4484	4115	4630	4497	4267	4456		158701

DISCHARGE

BY DAYS DURING

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal (MC # 2)	2145	2175	2165	2160	2205	2215	2235	2230	2265	2260
2	Penitentiary	6	6	6	6	6	7	7	7	7	7
3	Bubb (South Boise)	22	22	22	22	21	21	21	21	21	21
4	Ridenbaugh	416	447	444	440	441	443	436	438	436	436
5	Settlers	160	159	157	160	161	160	163	164	163	163
6	Thurman Mill	46	47	47	48	48	47	46	45	43	43
7	Cruzen (Consumers)	18	18	18	17	17	17	17	17	16	16
8	Boise City Canal	35	35	35	35	35	35	35	35	35	35
9	Farmers' Union	198	205	203	203	203	203	203	203	203	183
10	New Union Ditch Co	15	16	16	16	16	16	15	15	15	15
11	New Dry Creek Ditch Co	61	58	56	56	53	50	0	55	62	64
12	Ballantine Ditch Co.	15	16	16	17	17	18	19	20	21	22
13	Middleton Ir. Ass'n	99	143	99	124	122	121	121	122	121	121
14	x Middleton Mill	49	56	52	67	62	56	65	61	65	67
15	Little Pioneer	38	39	39	39	39	39	40	40	40	40
16	Canyon County	78	86	94	88	89	89	84	80	82	85
17	x Eagle Island Canals	54	54	54	54	54	54	54	54	54	54
18	Phyllis	321	319	319	283	283	283	283	282	301	310
19	Eureka # 1	29	29	29	28	28	28	28	29	29	30
20	Caldwell High Line	86	98	92	98	80	80	80	80	80	80
21	Farmers' Coop.	260	244	244	244	234	232	202	202	164	190
22	Campbell	7	7	6	6	6	8	9	11	13	17
23	Siebenberg	6	6	6	6	6	7	8	9	11	13
24	Riverside # 2	154	153	151	152	147	143	147	151	153	155
25	Pioneer Dixie	46	44	44	40	42	42	43	44	46	48
26	Eureka # 2	31	31	31	30	30	29	29	29	28	28
27	Upper Center Point	17	19	23	25	28	31	30	26	22	19
28	Lower Center Point	11	11	11	11	11	11	12	14	16	17
29	x Miscellaneous	30	30	30	30	30	30	30	30	30	30
	Total Canal Diversions	4453	4573	4509	4505	4514	4515	4462	4514	4542	4573
30	River at Notus	70	78	77	73	68	56	34	30	30	31
	Totals	4523	4651	4586	4578	4582	4571	4496	4544	4572	4604

x Eagle Island Canals include - Lemp Ditch, Conway & Humming, Thos. Aiken, Catlin & Mace, Hart & Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers

x Miscellaneous Canals include Meeves, Rossi Mill, Davis, Little Davis, & Jacobs or Julia Davis

x Middleton Mill - After July 10th. - - - combined with Middleton Irrigation Association

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1944, INCLUDING STORAGE

JULY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
2230	2265	2260	2260	2270	2300	2285	2245	2225	2220	2235	2245	2210	2165	2165
7	7	7	8	8	8	8	8	9	9	9	10	10	10	10
21	21	21	20	18	16	14	12	10	8	9	10	11	12	12
438	436	438	438	438	448	451	467	472	477	475	474	403	401	401
164	163	167	162	161	160	159	136	136	137	143	142	142	132	132
45	43	41	40	39	38	37	37	36	36	36	38	36	35	35
17	16	16	16	17	18	19	20	21	23	23	24	24	25	25
35	35	35	35	39	34	34	33	33	33	33	32	32	32	32
203	203	183	177	177	177	177	177	177	161	161	154	159	159	159
15	15	15	14	14	13	13	13	12	12	12	12	12	12	12
55	62	64	64	70	64	66	52	45	45	49	49	49	49	49
20	21	22	21	20	18	16	14	12	10	10	10	10	9	9
122	121	121	120	118	117	116	111	115	122	125	119	120	104	104
61	65	67	0	0	0	0	0	0	0	0	0	0	0	0
40	40	40	40	40	39	39	38	38	37	37	36	32	29	29
80	82	85	80	84	82	82	81	80	78	74	75	68	65	65
54	54	54	40	40	40	40	40	40	40	40	40	40	40	40
282	301	310	300	303	306	308	313	288	289	288	286	272	261	261
29	29	30	30	27	26	24	22	20	18	19	21	23	24	24
80	80	80	80	82	76	76	76	76	75	74	72	72	56	56
202	164	190	206	175	160	172	204	290	142	124	120	123	142	142
11	13	17	19	19	19	18	18	18	17	17	17	16	16	16
9	11	13	15	17	17	17	17	17	16	16	16	16	16	16
151	153	155	157	159	159	159	158	157	157	157	157	155	153	153
44	46	48	50	52	52	52	52	53	53	53	53	50	47	47
29	28	28	28	28	28	32	34	36	38	38	39	39	40	40
26	22	19	18	16	13	13	13	13	13	13	13	13	14	14
14	16	17	20	23	22	21	20	19	19	18	18	17	17	17
30	30	30	22	22	22	22	22	22	22	22	22	22	22	22
514	4542	4573	4480	4476	4472	4470	4433	4470	4307	4310	4304	4176	4087	4058
30	30	31	41	38	26	27	30	41	52	46	48	45	49	52
44	4572	4604	4521	4514	4498	4497	4463	4511	4359	4356	4352	4221	4136	4110

tin & Mace, Hart & Davis,
& Seven Suckers

obs or Julia Davis

Association

20	21	22	23	24	25	26	27	28	29	30	31	Total
2210	2165	2105	2026	1992	1997	1915	1958	1949	1958	1896	1814	66325
10	10	11	11	11	11	12	12	12	12	12	12	278
11	12	13	14	15	15	16	16	17	17	15	13	505
403	401	401	406	405	404	382	381	391	386	385	384	13248
142	132	114	113	113	115	116	114	114	113	114	112	4362
36	35	35	35	35	35	34	33	32	31	30	29	1195
24	25	25	26	26	27	27	27	26	26	25	25	661
32	32	32	32	32	32	32	31	31	30	30	29	1031
159	159	150	150	150	156	137	137	135	135	135	135	5283
12	12	12	13	13	13	13	13	13	13	12	12	421
49	49	49	43	48	50	50	50	51	51	52	52	1613
10	9	9	9	9	9	9	10	10	10	11	11	428
120	104	153	132	128	124	91	86	91	86	97	108	3576
0	0	0	0	0	0	0	0	0	0	0	0	600
32	29	28	27	26	26	26	25	25	25	25	25	1056
68	65	58	50	52	52	52	52	51	49	51	51	2222
40	40	40	40	40	40	40	40	32	32	32	32	1348
272	261	260	259	259	262	264	265	254	243	245	245	8754
23	24	25	26	26	25	23	22	22	21	21	21	773
72	56	52	52	41	41	41	41	41	41	44	44	2107
123	142	168	220	220	208	226	179	208	192	208	222	6125
16	16	15	15	14	14	13	13	13	12	12	12	417
16	16	15	15	15	14	14	14	13	13	12	11	394
155	153	151	149	147	145	144	143	141	139	137	135	4665
50	47	44	41	38	35	31	27	29	31	33	35	1350
39	40	40	41	42	43	44	43	42	40	41	42	1094
13	14	14	14	14	14	14	14	14	14	14	14	532
17	17	17	16	16	16	16	15	15	15	14	14	493
22	22	22	22	22	22	22	22	22	18	18	18	746
76	4087	4058	3997	3949	3945	3804	3783	3790	3753	3721	3657	131602
45	49	52	52	53	48	37	31	32	31	30	34	1390
21	4136	4110	4049	4002	3993	3841	3814	3822	3784	3751	3691	132992

DISCHARGE

BY DAYS DURING T

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal(MC #2)	1834	1843	1824	1736	1703	1694	1667	1644	1593	1607
2	Penitentiary	11	9	8	7	7	7	7	7	7	7
3	Bubb (South Boise)	11	11	11	11	11	11	11	11	11	10
4	Ridenbaugh	375	373	372	365	368	363	360	362	363	366
5	Settlers	113	111	111	117	114	112	89	91	96	97
6	Thurman Mill	28	27	27	26	26	25	25	24	24	24
7	Cruzen (Consumers)	24	24	24	23	23	22	22	21	20	20
8	Boise City Canal	26	27	26	18	16	14	26	26	26	26
9	Farmers' Union	136	138	141	141	141	125	136	135	138	136
10	New Union Ditch Co.	11	11	10	10	10	10	11	11	11	11
11	New Dry Creek Ditch Co	51	46	45	42	39	29	49	47	48	47
12	Ballantine Ditch Co.	11	11	11	11	10	10	10	10	10	10
13	Middleton Ir. Ass'n	91	86	88	93	77	82	91	92	104	106
14	x Middleton Mill	0	0	0	0	0	0	0	0	0	0
15	Little Pioneer	24	24	23	23	22	22	21	21	20	20
16	Canyon County	51	51	50	48	46	45	43	44	42	43
17	x Eagle Island Canals	32	32	32	32	32	32	32	32	32	32
18	Phyllis	226	222	208	212	209	209	210	210	210	226
19	Eureka # 1	20	20	19	19	18	18	17	17	17	16
20	Caldwell High Line	41	41	41	47	41	36	11	11	7	11
21	Farmers' Coop	236	214	224	202	176	148	130	130	148	129
22	Campbell	11	10	10	10	10	10	9	9	9	9
23	Siebenberg	10	8	8	8	9	9	9	10	10	10
24	Riverside # 2	132	129	130	130	129	128	128	128	129	128
25	Pioneer Dixie	38	41	39	38	37	36	35	34	32	33
26	Eureka # 2	43	43	43	43	43	44	44	44	44	42
27	Upper Center Point	14	14	14	13	12	11	10	8	6	7
28	Lower Center Point	14	14	14	15	15	15	15	15	15	16
29	x Miscellaneous	18	18	18	18	18	18	18	18	18	18
	Total Canal Diversions	3632	3598	3571	3458	3362	3285	3236	3212	3190	3207
30	River at Notus	34	32	34	34	33	33	33	31	33	33
	Totals	3666	3630	3605	3492	3395	3318	3269	3243	3223	3240

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers

x Miscellaneous Canals include Meeves, Rossi Mill, Davis, Little Davis, & Jacobs or Julia Davis

x Middleton Mill - After July 10th. combined with Middleton Irrigation Association

DISCHARGE

BY DAYS DURING T

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal(MC #2)	1834	1843	1824	1736	1703	1694	1667	1644	1593	1607
2	Penitentiary	11	9	8	7	7	7	7	7	7	7
3	Bubb (South Boise)	11	11	11	11	11	11	11	11	11	10
4	Ridenbaugh	375	373	372	365	368	363	360	362	363	366
5	Settlers	113	111	111	117	114	112	89	91	96	97
6	Thurman Mill	28	27	27	26	26	25	25	24	24	24
7	Cruzen (Consumers)	24	24	24	23	23	22	22	21	20	20
8	Boise City Canal	26	27	26	18	16	14	26	26	26	26
9	Farmers' Union	136	138	141	141	141	125	136	135	138	136
10	New Union Ditch Co.	11	11	10	10	10	10	11	11	11	11
11	New Dry Creek Ditch Co	51	46	45	42	39	29	49	47	48	47
12	Ballantine Ditch Co.	11	11	11	11	10	10	10	10	10	10
13	Middleton Ir. Ass'n	91	86	88	93	77	82	91	92	104	106
14	x Middleton Mill	0	0	0	0	0	0	0	0	0	0
15	Little Pioneer	24	24	23	23	22	22	21	21	20	20
16	Canyon County	51	51	50	48	46	45	43	44	42	43
17	x Eagle Island Canals	32	32	32	32	32	32	32	32	32	32
18	Phyllis	226	222	208	212	209	209	210	210	210	226
19	Eureka # 1	20	20	19	19	18	18	17	17	17	16
20	Caldwell High Line	41	41	41	47	41	36	11	11	7	11
21	Farmers' Coop	236	214	224	202	176	148	130	130	148	129
22	Campbell	11	10	10	10	10	10	9	9	9	9
23	Siebenberg	10	8	8	8	9	9	9	10	10	10
24	Riverside # 2	132	129	130	130	129	128	128	128	129	128
25	Pioneer Dixie	38	41	39	38	37	36	35	34	32	33
26	Eureka # 2	43	43	43	43	43	44	44	44	44	42
27	Upper Center Point	14	14	14	13	12	11	10	8	6	7
28	Lower Center Point	14	14	14	15	15	15	15	15	15	16
29	x Miscellaneous	18	18	18	18	18	18	18	18	18	18
	Total Canal Diversions	3632	3598	3571	3458	3362	3285	3236	3212	3190	3207
30	River at Notus	34	32	34	34	33	33	33	31	33	33
	Totals	3666	3630	3605	3492	3395	3318	3269	3243	3223	3240

x Eagle Island Canals include - Lamp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers

x Miscellaneous Canals include Meeves, Rossi Mill, Davis, Little Davis, & Jacobs or Julia Davis

x Middleton Mill - After July 10th. combined with Middleton Irrigation Association

BY DAYS DURING THE IRRIGATION SEASON OF 1944, INCLUDING STORAGE

AUGUST

atlin & Mace, Hart & Davis,
n & Seven Suckers

lation

20	21	22	23	24	25	26	27	28	29	30	31	Total
1454	1491	1520	1536	1584	1598	1621	1579	1499	1545	1553	1528	49655
6	5	5	5	5	5	5	5	5	5	5	5	197
11	11	12	12	12	12	12	12	12	12	11	11	335
329	328	329	324	330	341	337	341	334	376	378	380	10884
90	90	93	92	93	92	91	90	89	89	90	96	3001
10	8	12	15	18	21	24	27	30	33	36	36	709
20	19	19	19	19	19	19	19	19	19	19	19	634
26	25	24	24	24	24	24	25	25	25	25	26	778
121	132	121	109	121	121	122	123	124	125	127	129	4024
10	10	10	10	10	10	10	10	10	10	10	10	322
40	37	33	28	38	36	45	45	47	48	48	48	1357
12	12	12	12	11	11	11	11	11	11	11	11	339
77	95	93	91	84	70	92	91	114	96	89	90	2814
0	0	0	0	0	0	0	0	0	0	0	0	0
19	19	18	18	18	18	17	17	17	17	17	17	610
49	51	50	49	49	50	50	49	49	49	50	51	1496
32	32	32	32	32	32	32	32	32	32	32	32	992
0	0	0	0	0	0	0	0	121	272	292	322	5330
17	17	18	18	18	19	19	19	19	20	20	0	527
28	77	77	77	34	50	44	50	56	62	39	50	1364
100	110	152	140	129	104	104	100	120	140	140	130	4524
17	14	10	9	7	7	7	7	7	7	7	7	349
7	7	8	8	8	8	9	9	9	9	9	9	258
101	96	92	89	91	94	95	97	98	99	101	102	3522
35	34	32	30	30	29	29	28	28	28	27	27	1050
31	31	31	31	31	30	29	28	27	26	25	24	1077
15	15	15	15	14	14	14	13	13	12	12	12	384
13	13	12	12	11	11	11	12	12	12	12	12	430
18	18	18	18	18	18	18	18	18	18	18	18	558
2688	2797	2848	2823	2839	2844	2891	2857	2945	3197	3203	3202	97520
35	34	34	32	29	27	26	26	28	29	30	30	992
2723	2831	2882	2855	2868	2871	2917	2883	2973	3226	3233	3232	98512

DISCHARGE

BY DAYS DURING

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1	New York Canal(MC #2)	1532	1487	1458	1458	1458	0	0	0	0	0
2	Penitentiary	5	5	5	5	5	0	0	0	0	0
3	Bubb(South Boise)	11	11	11	11	11	10	10	10	10	10
4	Ridenbaugh	383	380	390	387	387	0	0	0	0	0
5	Settlers	90	93	92	96	96	100	99	104	104	105
6	Thurman Mill	35	35	34	34	33	33	32	32	31	31
7	Cruzen (Consumers)	20	20	20	21	21	21	21	21	21	20
8	Boise City Canal	26	26	27	27	27	26	26	26	25	25
9	Farmers' Union	128	127	126	125	123	121	118	119	119	118
10	New Union Ditch Co.	10	10	10	10	9	9	9	9	8	8
11	New Dry Creek Ditch Co	47	48	48	48	48	46	48	48	47	49
12	Ballantine Ditch Co.	11	10	10	10	10	10	10	10	10	10
13	Middleton I. Ass'n.	89	87	89	89	87	87	85	81	85	85
14	x Middleton Mill	0	0	0	0	0	0	0	0	0	0
15	Little Pioneer	15	15	14	14	14	13	13	13	12	12
16	Canyon County	50	49	49	48	46	44	45	45	45	45
17	x Eagle Island Canals	32	32	32	32	32	32	32	32	32	32
18	Phyllis	303	283	283	283	283	283	283	283	283	283
19	Eureka # 1	19	19	19	19	19	19	19	19	19	19
20	Caldwell High Line	58	77	72	58	44	46	29	29	29	50
21	Farmers' Coop	140	148	152	153	158	178	148	144	152	168
22	Campbell	8	8	8	8	8	8	8	8	8	8
23	Siebenberg	10	10	10	10	10	10	10	9	9	9
24	Riverside # 2	104	106	107	109	110	112	113	114	114	115
25	Pioneer Dixie	27	27	28	28	29	29	30	30	31	31
26	Eureka # 2	24	25	25	25	26	26	27	27	28	28
27	Upper Center Point	13	14	14	15	15	14	14	13	13	12
28	Lower Center Point	12	13	13	13	14	14	14	14	15	15
29	x Miscellaneous	18	18	18	18	18	18	18	18	18	18
	Total Canal Diversions	3220	3183	3164	3154	3141	1309	1261	1258	1268	1306
30	River at Notus	32	33	35	35	35	36	36	38	35	32
	Totals	3252	3216	3199	3189	3176	1345	1297	1296	1303	1338

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers

x Miscellaneous Canals include Meeves, Rossi Mill, Davis, Little Davis, & Jacobs or Julia Davis

x Middleton Mill - After July 10th. combined with Middleton Irrigation Association

DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1944, INCLUDING STORAGE

SEPTEMBER

8	9	10	11	12	13	14	15	16	17	18	19	20	21
0	0	0	0	0	1180	1260	1283	1312	1283	1184	230	0	0
0	0	0	0	0	5	5	5	5	4	4	4	0	0
10	10	10	10	9	9	9	9	9	8	8	8	8	7
0	0	0	0	24	365	351	354	356	356	353	386	382	383
104	104	105	105	107	107	108	109	109	109	113	113	114	114
32	31	31	30	30	29	29	28	28	27	27	26	26	25
21	21	20	20	20	20	19	19	19	19	18	18	18	18
26	25	25	25	24	24	23	23	22	22	21	21	20	20
119	119	118	117	65	65	65	65	65	65	65	65	65	65
9	8	8	8	8	8	8	9	9	9	9	9	9	9
48	47	49	48	49	49	41	41	39	36	39	41	41	41
10	10	10	10	10	10	10	10	10	10	10	10	9	9
81	85	85	83	85	83	83	86	81	81	81	81	81	81
0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	12	12	12	12	12	12	12	12	12	12	12	12	10
45	45	45	46	46	46	46	47	48	50	50	50	50	49
32	32	32	32	32	32	32	32	32	32	32	32	32	32
283	283	283	284	284	284	0	0	0	0	0	0	0	0
19	19	19	18	18	18	18	18	17	17	17	17	17	16
29	29	50	44	50	58	50	58	47	47	47	44	44	44
144	152	168	178	196	172	168	168	172	172	176	148	148	152
8	8	8	9	9	9	9	9	9	9	9	9	9	9
9	9	9	8	8	7	7	7	6	6	5	5	4	4
114	114	115	116	116	117	118	118	119	120	120	121	122	122
30	31	31	31	32	32	32	33	33	33	34	34	34	35
27	28	28	29	29	30	30	31	31	32	32	32	33	33
13	13	12	12	11	11	11	10	10	10	9	9	9	8
14	15	15	15	15	16	16	16	16	17	17	17	17	18
18	18	18	18	18	18	18	18	18	18	18	18	18	18
1258	1268	1306	1308	1307	2816	2578	2618	2634	2604	2510	1560	1322	1322
38	35	32	36	34	38	41	40	101	119	125	128	143	146
1296	1303	1338	1344	1341	2854	2619	2658	2735	2723	2635	1688	1465	1468
													1458

Catlin & Mace, Hart & Davis,
in & Seven Suckers

acobs or Julia Davis

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DISCHARGE, IN SECOND FEET, OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1944, INCLUDING STORAGE

SEPTEMBER

8	9	10	11	12	13	14	15	16	17	18	19	20	21
0	0	0	0	0	1180	1260	1283	1312	1283	1184	230	0	0
0	0	0	0	0	5	5	5	5	4	4	4	0	0
10	10	10	10	9	9	9	9	9	8	8	8	8	7
0	0	0	0	24	365	351	354	356	356	353	386	382	383
104	104	105	105	107	107	108	109	109	109	113	113	114	114
32	31	31	30	30	29	29	28	28	27	27	26	26	25
21	21	20	20	20	20	19	19	19	19	18	18	18	18
26	25	25	25	24	24	23	23	22	22	21	21	20	20
119	119	118	117	65	65	65	65	65	65	65	65	65	65
9	8	8	8	8	8	8	9	9	9	9	9	9	9
48	47	49	48	49	49	41	41	39	36	39	41	41	41
10	10	10	10	10	10	10	10	10	10	10	10	9	9
81	85	85	83	85	83	83	86	81	81	81	81	81	81
0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	12	12	12	12	12	12	12	12	12	12	12	12	10
45	45	45	46	46	46	46	47	48	50	50	50	50	49
32	32	32	32	32	32	32	32	32	32	32	32	32	32
283	283	283	284	284	284	0	0	0	0	0	0	0	0
15	19	19	18	18	18	18	18	17	17	17	17	17	16
29	29	50	44	50	58	50	58	47	47	47	44	44	44
144	152	168	178	196	172	168	168	172	172	176	148	148	152
8	8	8	9	9	9	9	9	9	9	9	9	9	9
9	9	9	8	8	7	7	7	6	6	5	5	4	4
114	114	115	116	116	117	118	118	119	120	120	121	122	122
30	31	31	31	32	32	32	33	33	33	34	34	34	35
27	28	28	29	29	30	30	31	31	32	32	32	33	33
13	13	12	12	11	11	11	10	10	10	9	9	9	8
14	15	15	15	15	16	16	16	16	17	17	17	17	18
18	18	18	18	18	18	18	18	18	18	18	18	18	18
1258	1268	1306	1308	1307	2816	2578	2618	2634	2604	2510	1560	1322	1322
38	35	32	36	34	38	41	40	101	119	125	128	143	146
1296	1303	1338	1344	1341	2854	2619	2658	2735	2723	2635	1688	1465	1468
													1458

Getlin & Mace, Hart & Davis,
in & Seven Suckers

scots or Julia Davis

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20	21	22	23	24	25	26	27	28	29	30	31	Total
0	0	0	0	0	0	0	0	742	785	892		17544
0	0	0	0	0	0	0	0	4	4	4		69
8	7	7	7	6	6	5	5	5	5	5		250
382	383	385	383	383	383	392	383	383	389	389		8707
114	114	115	115	115	115	115	115	80	81	74		3112
26	25	24	23	22	21	20	19	18	17	16		815
18	18	17	17	17	17	17	17	17	17	17		567
20	20	19	19	18	18	17	17	17	17	17		665
65	65	65	29	29	26	16	22	25	26	26		2255
9	9	9	10	10	10	10	10	10	10	10		276
41	41	41	39	41	41	42	43	39	39	37		1304
9	9	9	9	9	8	8	8	8	8	8		284
81	81	58	58	58	53	63	58	62	63	61		2304
0	0	0	0	0	0	0	0	0	0	0		0
12	10	10	10	10	10	10	10	10	10	10		355
50	49	49	49	48	47	46	45	45	46	46		1415
32	32	32	32	32	32	32	32	32	32	32		960
0	0	0	0	0	0	0	0	0	0	0		3702
17	16	16	16	16	16	15	15	15	15	15		520
44	44	47	44	44	44	36	24	19	19	19		1321
148	152	152	155	152	152	140	130	130	130	130		4662
9	9	9	10	10	10	10	10	10	10	10		268
4	4	3	3	3	3	3	3	3	3	3		191
122	122	123	124	124	124	104	104	104	104	104		3428
34	35	35	35	36	36	36	36	36	36	36		975
33	33	33	34	34	34	30	30	30	30	30		888
9	8	8	8	7	7	6	6	6	6	6		307
17	18	18	18	18	16	16	16	16	16	16		467
18	18	18	18	18	18	18	18	18	18	18		540
1322	1322	1302	1265	1260	1247	1207	1176	1884	1936	2031		58151
143	146	156	166	178	181	176	171	153	147	169		2795
1465	1468	1458	1431	1438	1428	1383	1347	2037	2083	2200		60946

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1944.

No.	NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST
1.	Board of Control (MC #2)	55956	155428	138082	132650	99310
2.	Penitentiary	0	364	312	556	394
3.	Bubb (S. Boise)	0	986	1172	1010	670
4.	Ridenbaugh	5714	28700	26054	26496	21768
5.	Settlers	272	10452	8388	8724	6002
6.	Thurman Mill	112	2190	1930	2390	1418
7.	Consumers (Cruzen)	40	950	1174	1322	1268
8.	Boise City	0	1982	2010	2062	1556
9.	Farmers' Union and Wise	1572	8170	6776	7242	5602
10.	Boise Valley	0	3206	2472	3324	2446
11.	New Union Ditch Co.	64	932	802	842	644
12.	New Dry Creek Ditch Co.	28	4434	4562	3226	2714
13.	Ballantine Ditch	0	762	746	856	678
14.	Middleton Irrigation Association	2178	11600	8364	7152	5628
15.	Middleton Mill	384	5158	4382	1200	0
16.	Little Pioneer Ditch Co.	0	1188	2020	2112	1220
17.	Canyon County Water Co.	246	3648	4548	4444	2992
18.	7 Eagle Island Canals	0	2610	3240	2696	1984
19.	Phyllis	10418	23580	15698	17508	10660
20.	Eureka No. 1	96	2336	1890	1546	1054
21.	Caldwell High Line	2570	5216	3054	4214	2728
22.	Farmers' Coop.	3080	19848	17236	12250	9048
23.	Campbell (Canyon)	148	1354	852	834	698
24.	Siebenberg	0	444	358	788	516
25.	Riverside No. 2	882	8462	9110	9330	7044
26.	Pioneer Dixie	476	4080	4030	2700	2100
27.	Eureka No. 2	0	3058	2654	2188	2154
28.	Upper Center Point	0	1052	626	1064	768
29.	Lower Center Point	0	1192	940	986	860
30.	Miscellaneous	0	1548	1800	1492	1116
Total		84236	314930	275284	263204	195040

Chart No. 6

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1944.

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
55956	155428	138082	132650	99310	35088	616514
0	364	312	556	394	138	1764
0	986	1172	1010	670	500	4338
5714	28700	26054	26496	21768	17414	126146
272	10452	8388	8724	6002	6224	40062
112	2190	1930	2390	1418	1630	9670
40	950	1174	1322	1268	1134	5888
0	1982	2010	2062	1556	1330	8940
1572	8170	6776	7242	5602	2360	31722
0	3206	2472	3324	2446	2150	13598
64	932	802	842	644	552	3836
28	4434	4562	3226	2714	2608	17572
0	762	746	856	678	568	3610
2178	11600	8364	7152	5628	4608	32530
384	5158	4382	1200	0	0	11124
0	1188	2020	2112	1220	710	7250
246	3648	4548	4444	2992	2830	18708
0	2610	3240	2696	1984	1920	12450
10418	23580	15698	17508	10660	7404	85268
96	2336	1890	1546	1054	1040	7962
2570	5216	3054	4214	2728	2642	20424
3080	19848	17236	12250	9048	9324	70786
148	1354	852	834	698	536	4422
0	444	358	788	516	382	2488
882	8462	9110	9330	7044	6856	41684
476	4080	4030	2700	2100	1950	15336
0	3058	2654	2188	2154	1776	11830
0	1052	628	1064	768	614	4126
0	1192	940	986	860	934	4912
0	1548	1800	1492	1116	1080	7036
236	314930	275284	263204	195040	116302	1248996

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

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 1,305,9

New York Canal Diversions

October 1 to March 31 93,356 157,484 163,000 185,000 211,000 164,0

Irrigation Requirements Below Diversion

Dam During October 39,100 33,996 27,106 17,806 24,070 35,8

Amount Passing Diversion Dam

From November 1 to April 1 170,196 165,570 121,418 137,420 119,294 134,7

Total

1,360,880 1,636,966 1,438,352 1,594,866 1,715,386 1,640,6

Summer Return Flow 194,850 353,506 314,462 371,632 279,366 232,512 362,928 294,10

Natural Flow Used

1,046,418 1,265,334 1,208,986 1,362,354 1,352,458 1,346,52

Combined with Board of Control

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

Chart No.

APRIL 1ST TO SEPTEMBER 30TH - BEGINNING 1915

1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1936	
8,746	563,608	553,022	643,878	201,622	611,376	375,000	642,778	576,716	574,030	611,988	541,000
0,052	69,512	67,838	71,808	35,298	60,074	29,836	60,788	51,718	41,366	1,998	2,000
2,580	3,032	2,940	3,100	772	2,122	1,734	1,954	2,144	1,650	4,142	3,000
9,276	3,892	3,212	4,048	2,818	3,202	2,834	3,348	3,712	3,688	148,178	117,000
6,712	128,616	120,472	135,908	87,636	135,696	108,210	132,334	132,446	120,884	43,732	36,000
1,000	48,384	44,966	47,634	31,326	52,862	35,728	47,830	43,340	41,540	8,802	9,000
7,628	7,630	6,686	9,316	7,244	8,976	8,770	7,972	9,516	9,784	7,344	7,000
5,140	23,530	23,024	19,344	12,560	12,646	10,190	8,816	8,350	6,808	8,470	8,000
888	1,896	2,032	1,530	8,498	9,582	8,774	9,036	7,300	8,960	29,716	28,000
6,646	41,360	38,982	44,270	24,426	46,786	22,898	44,984	37,562	33,376	3,406	3,000
4,392	4,880	4,880	5,368	3,280	4,000	4,434	3,388	4,240	3,100	16,034	16,000
8,704	14,142	15,416	17,142	14,178	12,720	14,840	16,410	16,778	15,536	4,374	4,000
2,496	3,392	3,272	3,934	3,592	3,854	3,038	4,292	3,760	3,960	16,110	13,000
8,972	16,000	16,712	16,922	12,224	18,454	14,276	18,322	17,816	15,970	3,386	3,000
2,882	2,460	3,900	4,226	3,028	2,580	3,526	3,660	3,574	3,282	22,764	26,000
4,332	28,232	31,016	29,582	26,108	34,652	23,934	29,816	27,358	21,624	22,260	15,000
5,290	15,078	24,190	26,702	13,896	28,028	14,266	19,028	19,768	18,036	8,424	8,000
6,802	5,822	6,632	7,880	6,410	9,418	7,626	7,442	8,988	8,738	17,896	18,000
4,356	21,414	23,218	22,786	18,912	19,712	18,952	19,672	18,982	18,118	14,348	10,000
2,702	13,308	12,212	13,794	11,850	13,756	11,530	13,288	12,134	11,448	100,138	83,000
4,416	115,540	115,740	125,282	61,300	125,588	70,342	115,370	113,842	95,864	7,662	7,000
5,264	5,166	6,390	5,698	6,600	5,952	6,344	6,434	6,474	5,714	18,320	19,000
2,016	18,678	17,660	15,368	16,296	14,584	18,938	11,944	14,332	17,556	73,100	70,000
4,448	93,052	38,650	89,224	39,540	89,020	52,192	91,726	79,274	69,000	4,528	4,000
8,710	4,974	3,924	5,248	3,556	4,478	3,384	4,658	5,322	3,838	2,574	2,000
8,420	3,508	3,090	3,596	2,106	3,106	2,796	2,604	2,854	2,580	52,910	44,000
4,966	67,906	41,180	54,620	30,752	47,454	40,604	63,404	51,036	41,220	8,848	8,000
4,822	7,218	4,904	9,440	7,996	8,710	7,620	8,140	11,442	8,622	101,158	10,000
4,334	15,280	15,412	16,402	12,642	11,776	12,052	11,978	12,326	10,110	2,584	2,000
4,912	2,850	3,472	3,538	3,196	2,468	2,308	1,802	2,756	2,526	1,630	2,000
4,278	2,052	1,784	2,848	3,042	2,538	2,634	2,238	2,120	3,018	9,534	7,000
4,458	8,610	8,118	9,148	7,080	8,770	7,680	8,996	8,082	7,582		

6,640	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	1,285,358	1,138,000
8,000	211,000	164,000	173,000	190,000	201,000	180,000	182,000	160,270	157,526	170,570	15,000
8,806	24,070	35,892	29,432	37,796	31,292	37,700	28,750	36,020	41,240	80,292	2,000
4,420	119,294	134,784	96,796	100,414	103,652	107,282	150,930	234,482	45,018	19,088	2,000
8,866	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	1,505,308	1,300,000
5,512	362,928	294,100	344,890	165,164	290,248	171,692	304,290	299,728	227,474	265,286	2,000
3,354	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	1,240,022	1,000,000

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	109,970	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
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
41,240	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
73,442	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
7,474	235,746	171,736	343,116	273,076	198,518	240,752	265,286	217,436	373,294
5,968	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

	1939	1940	1941	1942	1943	1944
Board of Control	572,374	567,126	600,416	660,248	767,530	616,514
New York Stock Penitentiary	2,006	1,746	1,582	1,570	2,062	1,764
Bubb	4,278	3,918	4,740	4,154	4,874	4,338
Ridenbaugh	147,684	143,658	160,804	144,804	161,430	126,146
Settlers	43,292	40,520	46,556	43,064	50,082	40,062
Thurman Mill	11,532	9,632	9,410	11,612	9,098	9,670
Consumers	8,326	6,826	5,658	6,630	6,884	5,888
Boise City	9,944	9,114	10,086	9,296	9,966	8,940
Farmers Union	33,645	26,168	35,618	35,736	38,180	29,700
Capital View Irrig Dist	3,498	3,468	3,560	2,282	2,174	2,022
Boise Valley	17,631	16,274	17,494	16,676	15,802	13,598
New Union	4,036	3,904	4,582	3,524	3,896	3,836
New Dry Creek	15,252	14,502	17,978	17,752	18,080	17,572
Ballantine	3,698	3,562	3,250	3,316	3,962	3,610
Middleton Water Co.	31,488	33,620	34,504	30,278	38,602	39,530
Middleton Mill Ditch	15,042	15,640	14,564	13,858	16,760	11,124
Little Pioneer	8,318	7,044	7,920	7,108	7,994	7,250
Canyon Water Co	19,960	17,878	20,308	18,486	19,968	18,708
7 Eagle Island Canals	12,398	10,256	12,326	12,720	11,394	12,450
Phyllis	98,038	92,608	104,914	93,564	117,060	85,268
Eureka Water Company	8,406	7,576	9,340	8,402	8,348	7,962
Caldwell High Line	21,466	20,974	20,100	17,852	17,618	20,424
Farmers Coop	68,918	69,200	78,736	80,164	98,038	70,786
Campbell	6,364	3,824	4,272	5,040	5,510	4,422
Siebenberg	3,260	2,862	2,774	2,102	2,298	2,488
Riverside No. 2	48,444	47,128	60,012	52,152	54,118	41,684
Pioneer Dixie	13,248	12,184	11,994	13,566	12,706	15,336
Eureka No. 2	15,256	15,416	14,750	12,896	16,294	11,830
Upper Center Point	3,472	3,538	3,764	3,588	3,782	4,126
Lower Center Point	3,944	4,596	4,890	4,196	3,344	4,912
Miscellaneous	8,360	6,856	8,324	8,284	7,800	7,036
Total Summer Diversions						
April 1 to September 30	1,263,578	1,226,618	1,335,226	1,344,640	1,535,654	1,248,996
New York Canal Diversions						
October 1 to March 31	133,534	172,234	175,014	151,154	152,266	145,568
Irrigation Requirements Below Diversion						
Dam During October	20,550	19,562	22,856	28,638	25,370	25,074
Amount passing Diversion Dam						
From November 1 to April 1	65,456	35,898	29,972	39,348	437,346	32,026
Total	1,483,118	1,454,312	1,563,068	1,563,780	2,150,636	1,451,664
Summer Return Flow	235,740	263,936	334,394	281,650	275,866	248,672
Natural Flow used	1,247,378	1,190,476	1,228,674	1,282,130	1,874,770	1,202,992

Combined with Board of Control

Chart #1 A

1939	1940	1941	1942	1943	1944
572,374	567,126	600,416	660,248	767,530	616,514
2,006	1,746	1,582	1,570	2,062	1,764
4,278	3,918	4,740	4,154	4,874	4,338
147,684	148,658	160,804	144,804	161,430	126,146
43,292	40,520	46,556	43,064	50,082	40,062
11,532	9,632	9,410	11,612	9,098	9,670
8,326	6,826	5,658	6,630	6,884	5,888
9,944	9,114	10,086	9,296	9,966	8,940
33,645	26,168	35,618	35,736	38,180	29,700
3,498	3,468	3,560	2,282	2,174	2,022
17,631	16,274	17,494	16,676	15,802	13,598
4,036	3,904	4,582	3,524	3,896	3,836
15,252	14,502	17,978	17,752	18,080	17,572
3,698	3,562	3,250	3,316	3,962	3,610
31,488	33,620	34,504	30,278	38,602	39,530
15,042	15,640	14,564	13,858	16,760	11,124
8,318	7,044	7,920	7,108	7,994	7,250
19,960	17,878	20,308	18,486	19,968	18,708
12,398	10,256	12,326	12,720	11,394	12,450
98,038	92,608	104,914	93,564	117,060	85,268
8,406	7,576	9,340	8,402	8,348	7,962
21,466	20,974	20,100	17,852	17,618	20,424
68,918	69,200	78,736	80,164	98,038	70,786
6,364	3,824	4,272	5,040	5,510	4,422
3,260	2,862	2,774	2,102	2,298	2,488
48,444	47,128	60,012	52,152	54,118	41,684
13,248	12,184	11,994	13,566	12,706	15,336
15,256	15,416	14,750	12,896	16,294	11,830
3,472	3,538	3,764	3,588	3,782	4,126
3,944	4,596	4,890	4,196	3,344	4,912
8,360	6,856	8,324	8,284	7,800	7,036
1,263,578	1,226,618	1,335,226	1,344,640	1,535,654	1,248,996
133,534	172,234	175,014	151,154	152,266	145,568
elow Diversion 20,550	19,562	22,856	28,638	25,370	25,074
Dam 1 65,456	35,898	29,972	39,348	437,346	32,026
1,483,118	1,454,312	1,563,068	1,563,780	2,150,636	1,451,664
235,740	263,936	334,394	281,650	275,866	248,672
1,247,378	1,190,476	1,228,674	1,282,130	1,874,770	1,202,992

ntrol

Chart #1 A

1939	1940	1941	1942	1943	1944
572,374	567,126	600,416	660,248	767,530	616,514
2,006	1,746	1,582	1,570	2,062	1,764
4,278	3,918	4,740	4,154	4,874	4,338
147,684	148,658	160,804	144,804	161,430	126,146
43,292	40,520	46,556	43,064	50,082	40,062
11,532	9,632	9,410	11,612	9,098	9,670
8,326	6,826	5,658	6,630	6,884	5,888
9,944	9,114	10,086	9,296	9,966	8,940
33,645	26,168	35,618	35,736	38,180	29,700
3,498	3,468	3,560	2,282	2,174	2,022
17,631	16,274	17,494	16,676	15,802	13,598
4,036	3,904	4,582	3,524	3,896	3,836
15,252	14,502	17,978	17,752	18,080	17,572
3,698	3,562	3,250	3,316	3,962	3,610
31,488	33,620	34,504	30,278	38,602	39,530
15,042	15,640	14,564	13,858	16,760	11,124
8,318	7,044	7,920	7,108	7,994	7,250
19,960	17,878	20,308	18,486	19,968	18,708
12,398	10,256	12,326	12,720	11,394	12,450
98,038	92,608	104,914	93,564	117,060	85,268
8,406	7,576	9,340	8,402	8,348	7,962
21,466	20,974	20,100	17,852	17,618	20,424
68,918	69,200	78,736	80,164	98,038	70,786
6,364	3,824	4,272	5,040	5,510	4,422
3,260	2,862	2,774	2,102	2,298	2,488
48,444	47,128	60,012	52,152	54,118	41,684
13,248	12,184	11,994	13,566	12,706	15,336
15,256	15,416	14,750	12,896	16,294	11,830
3,472	3,538	3,764	3,588	3,782	4,126
3,944	4,596	4,890	4,196	3,344	4,912
8,360	6,856	8,324	8,284	7,800	7,036
1,263,578	1,226,618	1,335,226	1,344,640	1,535,654	1,248,996
133,534	172,234	175,014	151,154	152,266	145,568
low Diversion 20,550	19,562	22,856	28,638	25,370	25,074
Dam 1 65,456	35,898	29,972	39,348	437,346	32,026
1,483,118	1,454,312	1,563,068	1,563,780	2,150,636	1,451,664
235,740	263,936	334,394	281,650	275,866	248,672
1,247,378	1,190,476	1,228,674	1,282,130	1,874,770	1,202,992

ntrol

TRIBUTARY

IRRO

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1	Drainage District #3	9	9	9	9	9	9	9	9	9	10	11
2	Davis Drain	6	6	6	6	6	6	6	6	6	6	6
3	Thurman Drain	10	10	10	10	10	10	10	10	10	10	10
4	Boise Sewer	8	8	8	8	8	8	8	8	8	8	8
5	Eagle Drain	8	8	8	8	8	8	8	9	9	9	9
6	South Middleton Drain	10	10	10	10	10	10	10	10	11	11	11
7	North Middleton Drain	10	10	10	10	10	10	10	10	10	12	12
8	Hartley Drain	2	2	2	2	2	2	2	2	2	2	2
9	Phyllis Waste	3	3	3	3	3	3	3	3	3	3	3
10	Mason Creek	4	4	4	4	4	4	4	4	4	4	4
11	Mason Drain	30	30	30	30	30	30	30	30	30	30	30
12	Indian Creek	40	40	40	40	40	44	44	44	49	49	53
	Total	140	140	140	140	140	144	144	145	151	153	159

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1.	Drainage District #3	10	10	10	10	10	11	11	11	11	11	12
2.	Davis Drain	8	8	8	8	8	8	8	8	8	8	8
3.	Thurman Drain	13	13	14	14	14	14	14	14	15	15	15
4.	Boise Sewer	9	9	9	9	9	9	9	9	9	9	10
5.	Eagle Drain	19	19	19	21	24	27	28	29	29	29	30
6.	South Middleton Drain	15	16	16	19	21	25	27	29	33	35	36
7.	North Middleton Drain	19	19	19	19	19	20	20	20	20	20	21
8.	Hartley Drain	10	10	11	13	15	15	16	18	18	21	23
9.	Phyllis Waste	3	3	3	3	4	4	4	4	4	4	4
10.	Mason Creek	4	4	5	5	6	7	9	9	9	11	13
11.	Mason Drain	65	66	67	69	70	72	73	75	74	76	77
12.	Indian Creek	78	79	81	84	82	83	85	89	86	87	91
	Total	253	256	262	274	282	295	304	315	316	326	340

IRRIGATION SEASON OF 1944

[illegible]

Chart No. 8

21	22	23	24	25	26	27	28	29	30	31	Total
9	9	9	9	9	9	9	9	9	9		270
7	7	7	7	7	7	7	7	7	7		195
12	12	12	12	12	13	13	13	13	13		340
8	8	9	9	9	9	9	9	9	9		248
10	10	11	11	12	12	13	15	16	17		306
13	13	13	13	14	14	14	14	15	15		357
13	15	17	19	19	19	19	19	19	19		402
6	6	7	7	7	8	8	8	9	9		137
3	3	3	3	3	3	3	3	3	3		90
4	4	4	4	4	4	4	4	4	4		120

50	52	53	55	56	58	59	61	63	64		1237
66	67	68	70	71	73	74	75	76	77		1739
201	206	213	219	223	229	232	237	243	246		5441

21	22	23	24	25	26	27	28	29	30	31	Total
13	13	14	14	14	14	14	15	15	15	15	385
8	8	8	8	8	8	8	8	8	8	8	248
16	17	17	17	17	17	17	17	18	18	18	485
10	10	10	10	10	10	10	10	10	10	10	300
37	37	37	38	38	39	39	40	40	41	41	999
55	57	59	67	79	92	111	127	139	167	203	1845
23	23	23	27	31	35	39	44	48	53	53	809
32	32	27	23	22	21	20	19	18	17	17	674
4	4	4	4	5	5	5	5	5	5	5	127
19	20	20	22	23	25	26	29	31	33	36	515
81	83	83	84	84	85	86	89	94	94	97	2444
95	99	101	106	104	107	111	115	119	121	124	2963
393	403	403	420	435	458	486	518	542	582	627	11794

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1.	Drainage District #3	15	15	15	16	16	16	16	16	16	16
2.	Davis Drain	9	9	9	9	9	9	9	9	9	9
3.	Thurman Drain	18	18	18	18	18	19	19	19	19	19
4.	Boise Sewer	10	10	10	10	10	10	10	10	10	10
5.	Eagle Drain	42	42	43	43	43	44	44	44	42	40
6.	South Middleton Drain	178	161	144	139	133	129	125	123	121	119
7.	North Middleton Drain	56	51	49	48	47	45	43	43	42	42
8.	Hartley Drain	16	16	16	15	15	14	13	12	11	11
9.	Phyllis Waste	5	5	5	5	5	5	5	5	5	5
10.	Mason Creek	39	37	34	31	30	29	27	25	23	21
11.	Mason Drain	101	98	96	93	90	87	83	80	78	77
12.	Indian Creek	127	127	126	126	125	125	124	124	123	123
	Total	616	589	565	553	541	532	518	510	499	492

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1.	Drainage District #3	17	16	16	16	16	16	16	15	15	15
2.	Davis Drain	10	10	10	10	11	11	11	11	10	10
3.	Thurman Drain	20	20	20	20	20	20	21	21	21	21
4.	Boise Sewer	10	10	10	10	9	9	9	9	9	9
5.	Eagle Drain	46	48	49	50	51	52	53	54	55	55
6.	South Middleton Drain	48	46	44	44	44	44	43	43	43	43
7.	North Middleton Drain	41	41	41	40	39	37	36	34	33	31
8.	Hartley Drain	22	23	24	24	24	24	24	24	25	25
9.	Phyllis Waste	4	4	4	4	4	4	4	4	4	4
10.	Mason Creek	9	8	8	8	8	9	9	9	10	10
11.	Mason Drain	38	34	31	31	31	31	31	31	31	31
12.	Indian Creek	112	111	109	109	109	108	108	108	107	107
	Total	377	371	366	366	366	365	365	363	363	361

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1944

JUNE

	10	11	12	13	14	15	16	17	18	19	20	21	22	23
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
6	16	16	16	16	16	16	16	16	16	16	16	16	16	16
9	9	9	9	9	9	9	10	10	10	10	10	10	10	10
9	19	19	19	19	20	20	20	20	20	20	20	20	20	20
0	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	40	39	37	36	35	31	32	31	32	32	33	34	34	35
1	119	116	109	104	97	89	82	77	71	65	63	62	61	59
2	42	42	42	42	42	42	42	42	42	42	42	41	41	41
1	11	11	12	12	13	14	14	15	15	16	16	17	17	18
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	21	20	19	18	17	16	14	12	10	10	10	10	10	10
8	77	75	71	69	67	64	62	61	59	57	58	56	51	53
23	123	122	122	121	121	120	120	119	119	118	118	117	117	116
99	492	484	431	461	452	436	427	418	409	401	401	398	392	393

JULY

	10	11	12	13	14	15	16	17	18	19	20	21	22	23
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
15	15	15	15	15	15	15	15	15	14	14	14	14	14	14
10	10	10	9	9	9	9	9	9	9	9	9	9	8	8
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
55	55	57	59	60	61	62	64	66	67	68	69	70	72	74
43	43	42	42	42	41	40	38	35	34	33	32	31	30	30
33	31	30	29	27	25	25	25	25	24	24	24	24	24	23
25	25	25	25	25	25	25	24	24	24	24	24	24	24	24
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	10	11	11	12	12	13	13	14	14	15	15	16	15	14
31	31	31	31	31	30	30	30	30	30	30	30	30	30	30
107	107	107	106	106	106	105	105	105	104	104	104	104	106	109
363	361	362	361	361	358	358	357	357	354	355	355	356	357	360

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
16	16	16	16	16	16	17	17	17	17	17	17		483
10	10	10	10	10	10	10	10	10	10	10	10		285
20	20	20	20	20	20	20	20	20	20	20	20		582
10	10	10	10	10	10	10	10	10	10	10	10		300
32	33	34	34	35	37	39	40	41	42	44	45		1156
65	63	62	61	59	58	57	56	54	53	52	50		2807
42	42	41	41	41	41	41	41	41	41	41	41		1296
16	16	17	17	18	18	19	19	20	20	21	21		467
5	5	5	5	5	5	5	5	5	5	5	5		150
10	10	10	10	10	10	10	9	9	9	9	9		537
57	58	56	51	53	49	47	48	44	40	39	37		1950
118	118	117	117	116	116	115	115	114	114	113	113		3600
401	401	398	392	393	390	390	390	385	381	381	378		13613

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
14	14	14	14	14	14	14	14	14	13	13	13	13	455
9	9	9	8	8	8	8	8	7	7	7	7	7	279
21	21	21	21	21	21	21	21	21	21	21	21	21	645
9	9	9	9	9	9	9	8	8	8	8	8	8	277
68	69	70	72	74	76	74	72	70	69	68	66	64	1921
33	32	31	30	30	30	29	29	29	28	28	27	27	1139
24	24	24	24	23	23	23	23	23	23	23	22	22	884
24	24	24	24	24	24	24	24	24	24	24	24	24	748
4	4	4	4	4	4	5	5	5	5	5	5	5	131
15	15	16	15	14	13	12	12	12	12	12	12	12	360
30	30	30	30	30	30	30	30	30	29	27	28	26	943
104	104	104	106	109	111	114	116	119	120	120	120	120	3399
355	355	356	357	360	363	363	362	362	359	356	353	349	11181

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1.	Drainage District #3	13	13	13	13	13	13	13	12	12	12	12
2.	Davis Drain	7	7	7	7	7	6	6	6	6	6	6
3.	Thurman Drain	22	22	22	22	22	22	22	22	22	22	22
4.	Boise Sewer	8	8	8	8	8	8	8	8	8	8	8
5.	Eagle Drain	63	61	60	58	56	55	54	52	49	49	49
6.	South Middleton Drain	26	26	25	25	24	24	23	23	22	22	21
7.	North Middleton Drain	22	22	22	22	22	22	21	21	21	21	21
8.	Hartley Drain	23	23	23	23	23	23	23	23	23	23	23
9.	Phyllis Waste	5	6	6	6	6	6	7	7	7	7	7
10.	Mason Creek	12	12	12	11	11	11	11	11	11	11	12
11.	Mason Drain	26	26	25	25	25	25	24	24	24	24	24
12.	Indian Creek	121	121	121	121	121	122	122	122	122	122	120
	Total	348	347	344	341	338	337	334	331	327	327	324

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
1.	Drainage District #3	10	10	10	10	10	10	10	10	10	10	10
2.	Davis Drain	6	6	6	6	6	6	6	6	6	6	6
3.	Thurman Drain	22	22	21	21	21	20	20	20	20	20	20
4.	Boise Sewer	8	8	8	8	8	8	8	8	8	8	8
5.	Eagle Drain	48	48	48	48	48	48	48	48	48	46	46
6.	South Middleton Drain	23	23	23	24	24	24	24	24	25	25	25
7.	North Middleton Drain	19	19	19	20	20	20	21	21	21	21	20
8.	Hartley Drain	17	17	17	18	18	18	18	19	19	19	19
9.	Phyllis Waste	4	4	4	4	4	4	4	4	4	4	5
10.	Mason Creek	27	28	28	28	28	29	29	29	29	28	28
11.	Mason Drain	27	28	29	30	30	31	32	33	34	35	37
12.	Indian Creek	97	97	98	98	99	100	101	102	103	105	108
	Total	308	310	311	315	316	318	321	324	327	327	332

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1944

AUGUST

11	12	13	14	15	16	17	18	19	20	21	22	23	24
12	12	12	12	12	12	12	12	12	11	11	11	11	11
5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	22	22	22	22	22	22	22	22	22	22	22	22	22
8	8	8	8	8	8	8	8	8	8	8	8	8	8
49	49	48	48	48	48	47	47	47	47	47	47	47	47
21	21	20	20	19	19	18	18	19	19	20	20	21	21
21	21	21	21	21	21	21	21	20	20	19	19	18	18
23	23	23	23	23	23	23	23	22	21	20	19	18	17
7	7	7	7	7	7	7	6	6	6	6	6	5	5
12	13	14	15	16	17	17	18	18	19	20	21	22	23
24	24	25	25	25	25	25	24	23	23	23	22	22	22
120	119	117	116	114	113	112	110	108	105	102	99	96	93
324	324	322	322	320	320	317	314	310	306	303	299	295	292

SEPTEMBER

11	12	13	14	15	16	17	18	19	20	21	22	23	24
10	10	10	10	10	11	11	11	11	11	11	11	11	11
6	6	6	6	6	6	6	7	7	7	7	7	7	7
20	20	20	20	20	19	19	19	19	19	19	19	19	19
8	8	8	8	8	8	8	8	8	8	8	8	8	8
46	45	45	44	44	43	43	42	42	41	40	39	38	38
25	25	25	25	25	25	26	26	26	26	27	27	27	27
20	20	20	20	20	19	19	19	19	19	18	18	18	18
19	19	19	19	19	20	20	20	20	20	21	21	21	21
5	5	5	5	5	5	5	5	5	5	6	6	6	6
28	28	28	27	27	27	27	26	26	26	26	25	25	25
37	39	42	44	47	51	54	56	59	61	64	68	74	76
108	110	113	115	118	120	123	126	128	130	132	135	138	139
332	335	341	343	350	354	361	365	370	373	379	384	392	395

20	21	22	23	24	25	26	27	28	29	30	31	Total
11	11	11	11	11	11	11	10	10	10	10	0	352
5	5	5	5	5	5	5	5	5	5	5	5	170
22	22	22	22	22	22	22	22	22	22	22	22	682
8	8	8	8	8	8	8	8	8	8	8	8	248
47	47	47	47	47	47	48	48	48	48	48	48	1558
19	20	20	21	21	22	22	22	22	22	23	23	672
20	19	19	18	18	17	17	17	17	18	18	18	620
21	20	19	18	17	16	16	16	16	16	17	17	645
6	6	6	5	5	5	5	5	4	4	4	4	183
19	20	21	22	23	24	25	25	26	26	27	27	538
23	23	22	22	22	22	22	24	24	25	26	27	750
105	102	99	96	93	93	94	94	95	95	96	96	3402
306	303	299	295	292	292	295	296	297	299	304	295	9620

20	21	22	23	24	25	26	27	28	29	30	31	Total
11	11	11	11	11	11	11	11	12	12	12		319
7	7	7	7	7	7	7	7	7	7	7		193
19	19	19	19	19	19	19	19	19	19	19		592
8	8	8	8	8	8	8	8	8	8	8		240
41	40	39	38	38	37	37	36	36	35	35		1284
26	27	27	27	27	27	28	28	28	28	28		768
19	18	18	18	18	18	17	17	17	17	17		571
20	21	21	21	21	21	22	22	22	22	22		590
5	6	6	6	6	6	6	6	6	6	6		150
26	26	25	25	25	25	25	25	25	25	25		804
61	64	68	74	76	73	70	70	70	70	70		1504
130	132	135	138	139	140	140	140	140	140	140		3575
373	379	384	392	395	392	390	389	390	389	389		10590

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)
TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN - BY MONTHS IN A
IRRIGATION SEASON 1944

	APRIL	MAY	JUNE	JULY
Boise River at Diversion Dam	86,050	306,308	244,006	225,246
Delivery to Canals	108,232	342,994	317,402	265,984
Tributary Gain	10,882	23,588	27,226	22,362
Seepage Gain	11,300	13,098	46,170	18,376
Net Gain	22,182	36,686	73,396	40,738

SUMMARY TABLE IN 24 HOUR SECOND FEET, SHOWING AVERAGE DAILY FLOW O
CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)TRIBUTARY GAIN,
IRRIGATION SEASON 1944

	APRIL	MAY	JUNE	JULY
Boise River at Diversion Dam	1,434	4,941	4,067	3,633
Deliveries to Canals	1,804	5,532	5,290	4,290
Tributary Gain	181	380	453	360
Seepage Gain	189	211	770	297
Net Gain	370	591	1,223	657

SHOWING BOISE RIVER AT DIVERSION DAM

IES (INCLUDING BOISE RIVER AT NOTUS)

SEEPAGE GAIN - NET GAIN - BY MONTHS IN ACRE FEET

IRRIGATION SEASON 1944

MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
308	244,006	225,246	160,504	82,742	1,104,856
994	317,402	265,984	197,024	121,892	1,353,528
588	27,226	22,362	19,640	21,180	124,878
098	46,170	18,376	16,880	17,970	123,794
686	73,396	40,738	36,520	39,150	248,672

SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER AT DIVERSION DAM,

ING BOISE RIVER AT NOTUS) TRIBUTARY GAIN, SEEPAGE GAIN, AND NET GAIN

IRRIGATION SEASON 1944

MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
941	4,067	3,633	2,589	1,379	18,043
532	5,290	4,290	3,178	2,031	22,125
380	453	360	317	353	2,044
211	770	297	272	299	2,038
591	1,223	657	589	652	4,082

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

SECTION 1

1944

	July	August	September	Total
Boise River at Diversion Dam	225246	160504	82742	468492
Deliveries to Canals	233872	172664	94770	501306
Tributary Gain	7154	6020	5256	18430
Seepage Gain	1472	6140	6772	14384
Net Gain	8626	12160	12028	32814

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

1944

	July	August	September	Average
Boise River at Diversion Dam	3633	2589	1379	2534
Deliveries to Canals	3772	2785	1579	2712
Tributary Gain	115	97	88	100
Seepage Gain	24	99	112	78
Net Gain	139	196	200	178

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE, CANAL DELIVERIES
 TRIBUTARY GAIN, SEEPAGE GAIN, NET GAIN BY MONTHS IN ACRE FEET

SECTION 2

1944

	July	August	September	Total
Boise River at Caldwell High Line	808	812	840	2460
Deliveries to Canals	32920	25172	27962	86054
Tributary Gain	15208	13620	15924	44752
Seepage Gain	16904	10740	11198	38842
Net Gain	32112	24360	27122	83594

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

1944

	July	August	September	Average
Boise River at Caldwell High Line	13	13	14	13
Deliveries to Canals	531	406	466	467
Tributary Gain	245	220	265	243
Seepage Gain	273	173	187	211
Net Gain	518	393	452	454

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE, CANAL DELIVERIES
 TRIBUTARY GAIN, SEEPAGE GAIN, NET GAIN BY MONTHS IN ACRE FEET

SECTION 2

1944

	July	August	September	Total
Boise River at Caldwell High Line	808	812	840	2460
Deliveries to Canals	32920	25172	27962	86054
Tributary Gain	15208	13620	15924	44752
Seepage Gain	16904	10740	11198	38842
Net Gain	32112	24360	27122	83594

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

1944

	July	August	September	Average
Boise River at Caldwell High Line	13	13	14	13
Deliveries to Canals	531	406	466	467
Tributary Gain	245	220	265	243
Seepage Gain	273	173	187	211
Net Gain	518	393	452	454

BOISE VALLEY CANALS AND ACREAGE

Board of Control (New York)			
New York Irrig. District.....	17,763	Lemp Ditch-Eagle Island	273 acres
Boise-Kuna Irrig. District...	48,458	Canyon County.....	3,790 "
Nampa-Meridian Irrig. Dist...	40,193	Warm Springs Slough....	461 "
Wilder Irrig. District.....	56,622	Joplin Ditch.....	103 "
Big Bend Irrig. District.....	1,725	Conway & Hamming.....	285 "
TOTAL BOARD OF CONTROL		Thos. Aiken.....	260 "
Ridenbaugh.....	164,761 acres	Catlin & Mace.....	536 "
Rein & Keoh (Included in Ridenbaugh)	26,747 "	Hart & Davis.....	550 "
Bahler.(Included in Ridenbaugh)		Graham & Gilbert.....	220 "
Bubb.....	745 "	Seven Suckers.....	52 "
Meeves.....	90 "	Pioneer Irr. Dist.....	34,500 "
Rossi Mill.....	500 "	Eureka Water Co.....	1,666 "
Manville-Leonard.....	175 "	Franklin & Mason Creek.	4,010 "
Settlers.....	12,300 "	Farmers Co-op. Ditch Co.	15,500 "
Davis.....	770 "	Canyon Ditch Co.....	802 "
Thurman Mill.....	1,858 "	Siebenberg Co-op.....	646 "
Cruzen.....	2,500 "	Riverside Irrig. Dist..	10,645 "
Boise City.....	1,903 "	Pioneer Dixie.....	2,015 "
Farmer's Union.....	8,300 "	Eureka Ditch Co.....	2,595 "
Boise Valley.....	2,729 "	Upper Center Point.....	621 "
Capital View.....	600 "	Lower Center Point.....	845 "
New Union.....	688 "	Bowman & Swisher.....	464 "
New Dry Creek.....	3,056 "	Marmom.....	908 "
Ballantine.....	758 "	Haas.....	427 "
Middleton Water.....	5,704 "	Andrews.....	1,810 "
Middleton Mill Ditch Co.....	4,400 "	Stockton.....	396 "
Little Pioneer.....	1,286 "	Niel O'Donnell.....	60 "
		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	"
GRAND TOTAL		333,300	"

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

1944

	Acre Feet Diverted	Acres Irrigated	Acre Feet Per Acre Diverted
x Board of Control	762,082	164,761	4.63
Penitentiary	1,764	429	4.11
Bubb	4,338	745	5.82
Ridenbaugh	126,146	27,000	4.67
Settlers	40,062	12,300	3.26
Thurman	9,670	1,858	5.20
Consumers	5,888	2,500	2.36
Boise City	8,940	1,903	4.70
Farmers Union & Wise	31,722	8,900	3.56
Boise Valley	13,598	2,729	4.98
New Union	3,836	688	5.58
New Dry Creek	17,572	2,720	6.46
Ballantine	3,610	700	5.16
Middleton Irrigation Ass'n	32,672	5,704	5.73
Middleton Mill	17,982	4,400	4.09
Little Pioneer	7,250	1,286	5.64
Canyon County	18,708	3,790	4.94
7 Eagle Island Canals	12,450	2,363	5.27
Phyllis	85,268	23,500	3.63
Eureka # 1	7,962	1,666	4.78
Caldwell High Line	20,424	4,010	5.09
Farmers Coop	70,786	15,500	4.57
Canyon (Campbell)	4,422	802	5.51
Siebenberg	2,488	646	3.85
Riverside # 2	41,684	10,645	3.92
Pioneer Dixie	15,336	2,015	7.61
Eureka # 2	11,830	2,595	4.56
Upper Center Point	4,126	621	6.64
Lower Center Point	4,912	845	5.81
Miscellaneous	7,036	1,493	4.71
Total	1,394,564	309,114	4.51

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	5.01

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY 18 CANALS FROM BOISE RIVER
FOR EACH IRRIGATION SEASON FROM 1916

1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
5.43	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
3.30	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
2.27	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
6.66	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
5.78	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
4.46	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
1.08	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
1.64	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
1.71	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
1.32	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
1.20	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
1.75	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
1.24	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
1.05	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
1.83	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
1.60	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
1.88	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
1.94	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
1.44	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

ERTED BY 18 CANALS FROM BOISE RIVER

ASON FROM 1916

1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
.67	5.06	5.00	5.49	4.36	5.90	5.47	5.51	5.96	5.35	5.98	4.67
.66	2.78	3.50	3.56	2.97	3.91	3.52	3.29	3.79	3.50	4.07	3.26
.38	4.05	3.61	3.60	3.53	4.35	4.17	3.33	4.40	4.27	4.53	3.56
.74	6.04	5.11	5.88	5.88	6.44	6.46	5.96	6.41	6.11	5.79	4.98
.48	5.07	6.38	5.92	5.01	6.56	5.61	5.33	6.61	5.13	6.65	6.46
.94	6.51	5.03	4.84	4.70	5.02	5.28	5.09	4.64	6.53	5.66	5.16
.51	4.09	3.64	3.99	4.61	5.47	5.52	5.89	6.05	4.74	6.77	5.73
.04	5.09	4.78	5.06	3.41	4.00	3.42	3.56	3.31	3.15	3.81	4.09
.01	3.87	4.16	4.26	3.55	4.72	4.17	3.94	4.46	3.98	4.98	3.63
.14	6.81	6.98	6.55	6.84	7.59	6.47	5.48	6.16	5.53	6.22	5.64
.24	5.40	5.42	4.72	4.80	4.96	5.27	4.72	5.36	4.88	5.27	4.94
.08	3.89	4.93	4.72	4.53	6.04	4.45	4.46	5.08	5.17	6.32	4.57
.53	2.59	5.38	5.65	5.34	7.17	7.94	4.77	5.33	6.29	6.87	5.51
.49	3.24	5.02	3.98	4.11	4.12	5.05	4.43	4.29	3.25	3.56	3.85
.57	3.31	3.94	4.39	4.01	5.17	6.57	6.05	5.95	6.73	6.31	7.61
.46	4.94	4.85	3.91	4.19	5.24	5.88	5.94	5.68	4.97	6.28	4.56
.17	3.60	4.87	4.16	4.33	3.95	5.59	5.70	6.06	5.78	6.09	6.64
.14	3.03	3.56	1.93	3.02	2.88	4.67	5.44	5.79	4.97	3.96	5.81
.90	4.23	4.56	4.72	4.06	5.21	4.76	4.58	5.07	4.86	5.45	4.38

[illegible]

Acre Feet Diverted

Acre Feet Diverted Per Acre

Rate in Miners Inches Per Acre Diverted

Percent During Each Month

[illegible]

Acre Feet Diverted

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
66580	55066	58840	54720	38144	30380	13574	63910	35312	29258	44744	97480
128312	117794	133652	112660	122736	139664	127630	114192	135124	124554	123594	127234
04112	90580	128192	94400	127004	128168	119852	125390	97806	128286	137198	100320
32372	49858	121656	67656	126410	115496	103810	98520	59454	120818	108706	71736
03304	30106	97294	47762	101428	83036	72406	76562	36398	87472	80802	45442
79264	31396	92954	44760	80726	70006	58590	61944	32244	68098	58160	34896
13944	374800	612588	421958	596448	566750	498862	540518	396338	558486	553204	477108

Acre Feet Diverted Per Acre

Table 1. Amount of Water Diverted Per Acre											
.59	.49	.52	.48	.34	.27	.12	.57	.31	.26	.40	.86
1.14	1.04	1.19	1.00	1.09	1.24	1.15	1.01	1.20	1.11	1.10	1.13
.93	.80	1.14	.84	1.13	1.14	1.07	1.11	.87	1.14	1.22	.89
1.18	.44	1.08	.60	1.12	1.03	.93	.88	.53	1.07	.95	.64
.91	.26	.86	.42	.90	.73	.65	.68	.32	.78	.72	.40
.70	.28	.65	.40	.71	.62	.52	.55	.29	.60	.51	.31
5.45	3.31	5.44	3.74	5.29	5.03	4.44	4.80	3.52	4.96	4.90	4.23

Rate in Miners Inches Per Acre Diverted

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

Percent During Each Month

[illegible]

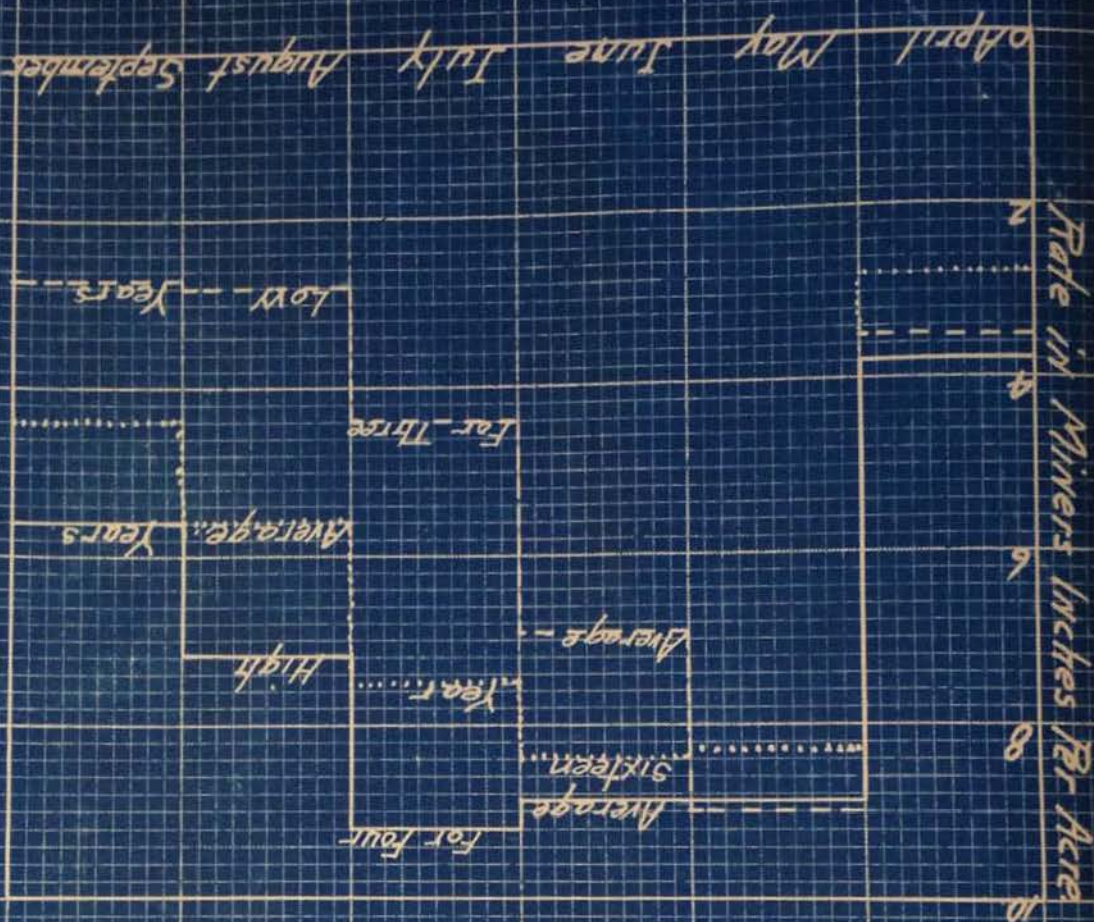
Chart No. 15

1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
97480	27234	32734	19306	33230	86482	41376	80552	55738	39208	24516
127234	135380	144266	139962	127512	149266	149934	131998	113370	134538	131926
100320	129017	113914	120658	130646	116346	129186	108418	111610	120988	110708
71736	102937	99646	92842	123436	85122	90458	101136	111536	129638	103094
45442	75411	71296	63396	101832	67000	75504	88616	87944	118256	75854
34896	55207	70204	35322	87722	47792	45104	77930	67998	89438	62392
477108	525186	532060	471486	604378	552008	531562	588650	548196	632066	508490
.86	.24	.29	.17	.29	.77	.36	.72	.50	.33	.21
1.13	1.18	1.28	1.24	1.10	1.33	1.29	1.17	1.00	1.16	1.14
.89	1.12	1.01	1.07	1.13	1.03	1.11	.96	.99	1.04	.95
.64	.89	.88	.82	1.06	.76	.78	.90	.99	1.12	.89
.40	.65	.63	.56	.87	.59	.65	.78	.78	1.02	.65
.31	.48	.63	.32	.76	.42	.39	.69	.60	.77	.54
4.23	4.56	4.72	4.18	5.21	4.90	4.58	5.22	4.86	5.44	4.38
.72	.20	.24	.14	.24	.64	.30	.60	.42	.27	.17
.94	.99	1.07	1.03	.92	1.10	1.07	.98	.83	.97	.95
.74	.94	.84	.88	.94	.86	.93	.80	.82	.87	.79
.53	.75	.73	.68	.88	.63	.65	.75	.82	.93	.74
.33	.54	.52	.46	.72	.49	.54	.65	.65	.85	.54
.26	.40	.52	.26	.63	.35	.32	.57	.50	.64	.45
.59	.64	.65	.58	.72	.68	.65	.73	.67	.75	.61
20.3	5.3	6.2	4.1	5.6	15.7	7.9	13.8	10.3	6.1	4.8
26.7	25.9	27.1	29.8	21.1	27.0	28.0	22.4	20.6	21.3	26.0
21.1	24.6	21.4	25.5	21.7	21.2	24.4	18.4	20.4	19.1	21.7
15.1	19.5	18.7	19.7	20.3	15.5	17.1	17.3	20.4	20.6	20.3
9.5	14.2	13.4	13.4	16.7	12.0	14.2	14.9	16.0	18.8	14.9
7.3	10.5	13.2	7.5	14.6	8.6	8.4	13.2	12.3	14.1	12.3
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.00	100.0	100.0

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
CANALS IN DRAINAGE DISTRICT NO. 2 FOR
IRRIGATION SEASON OF 1944

Canals	April	May	June	July	August	September	Total
Farmers Union and Wise	1572	8170	6776	7242	5602	2360	31
Boise Valley	0	3206	2472	3324	2446	2150	13
New Dry Creek	28	4434	4562	3226	2714	2608	17
New Union	64	932	802	842	644	552	3
Ballantine	0	762	746	856	678	568	3
Little Pioneer	0	1188	2020	2112	1220	710	7
Middleton Irrigation Association	2178	11600	8364	7152	5628	4608	39
Middleton Mill	384	5158	4382	1200	0	0	11
Canyon County	246	3648	4548	4444	2992	2330	18
Totals	4472	39098	34672	30398	21924	16386	1469

TOTAL MONTHLY FLOW IN ACRE FEET,
OF DRAINS IN DRAINAGE DISTRICT NO. 2
SEASON 1944

Drains	April	May	June	July	August	September	Total
Eagle Drain	612	1998	2312	3842	3116	2568	1444
Star Feeder	0	1520	2428	2790	2272	1830	1084
Watts Check	398	1960	2036	1748	1248	1082	847
Long Feeder	386	1414	1536	1696	1186	1298	751
South Middleton Drain	714	3690	5614	2278	1344	1536	1517
North Middleton Drain	804	1618	2592	1768	1240	1142	916
Hartley Drain	274	1348	934	1496	1290	1180	652
Totals	3188	13548	17452	15618	11696	10636	7213

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

Chart # 17

IRRIGATION SEASON OF 1944

Line	July	August	September	Total
776	7242	5602	2360	31722
472	3324	2446	2150	13598
562	3226	2714	2608	17572
802	842	644	552	3836
746	856	678	568	3610
020	2112	1220	710	7250
864	7152	5628	4608	39530
882	1200	0	0	11124
548	4444	2992	2830	18708
572	30398	21924	16386	146950

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

SEASON 1944

Line	July	August	September	Total
12	3842	3116	2568	14448
28	2790	2272	1830	10840
36	1748	1248	1082	8472
36	1696	1186	1298	7516
14	2278	1344	1536	15176
92	1768	1240	1142	9164
34	1496	1290	1180	6522
52	15618	11696	10636	72138

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
1944	5.07	2.49	2.58

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

SEASON OF 1944

	April	May	June	July	August	September	Total
Average Daily Flow in Second Feet	9.0	12.4	16.1	14.7	11.4	10.6	12.4
Total Monthly Flow in Acre Feet	540.0	770.0	966.0	910.0	704.0	638.0	4528.0
Acre Feet Per Acre	.13	.18	.23	.22	.17	.15	1.08

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

SEASON OF 1944

	April	May	June	July	August	September	Total
Average Daily Flow in Second Feet	8.3	15.6	19.4	20.8	22.0	19.7	17.7
Total Monthly Flow in Acre Feet	496.0	970.0	1164.0	1290.0	1364.0	1184.0	6468.0
Acre Feet Per Acre	.20	.39	.46	.52	.55	.47	2.59

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT No. 3 FOR 4200 ACRES

SEASON OF 1944

May	June	July	August	September	Total
12.4	16.1	14.7	11.4	10.6	12.4
770.0	966.0	910.0	704.0	638.0	4528.0
.18	.23	.22	.17	.15	1.08

Summary Table
Acre Feet Per Acre

1925	1.43
1926	1.03
1927	1.29
1928	1.15
1929	1.16
1930	.96
1931	.86
1932	1.25
1933	1.18
1934	.89
1935	1.04
1936	1.43
1937	.83
1938	.83
1939	1.00
1940	1.01
1941	.90
1942	1.04
1943	1.12
1944	1.08

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

SEASON OF 1944

May	June	July	August	September	Total
15.6	19.4	20.8	22.0	19.7	17.7
970.0	1164.0	1290.0	1364.0	1184.0	6468.0
.39	.46	.52	.55	.47	2.59

Summary Table
Acre Feet Per acre

1925	2.66
1926	2.07
1927	2.70
1928	2.55
1929	2.02
1930	2.45
1931	1.82
1932	2.03
1933	2.26
1934	2.34
1935	2.10
1936	2.12
1937	2.36
1938	2.25
1939	3.60
1940	2.36
1941	2.30
1942	2.59
1943	2.72
1944	2.59

SUMMARY TABLE
SHOWING RETURN

RETURN FLOW

	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

RETURN FLOW

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
April													
May													
June											243		2
July	139	122			227	252			242		180		1
August	70	130	194	254	270	233	203	285	239	286	176	328	1
September	201	150	199	225	263	248	118	267	180	344	134	323	2
Average	123	137	196	242	260	242	178	281	213	315	183	325	17

RETURN FLOW

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
April													
May													
June											339		
July	357	249			431	352			547		192		
August	213	245	503	425	503	325	426	526	474	574	165	470	
September	280	300	540	386	500	307	420	512	439	613	177	560	
Average	275	281	521	409	490	328	424	519	467	593	218	515	

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

RETURN FLOW TO ENTIRE RIVER

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
903	650	412	681	304	711	839	467	274	336	423	488	348	212
741	1228	644	350	638	860	983	600	758	670	1825	1300	724	815
963	1200	594	1123	588	946	1140	1077	869	694	1243	929	839	1204
836	877	374	935	412	902	706	538	673	386	980	658	515	669
713	800	341	799	376	728	552	483	626	345	555	551	374	504
618	863	311	880	496	839	698	571	658	384	581	540	454	505
795	739	446	794	469	831	820	623	643	469	934	744	542	652

RETURN FLOW TO SECTION ONE

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
		243		214									
242		180		137		222	137	260	158	336	216	204	257
239	286	176	328	144	272	187	170	230	157	183	247	110	201
180	344	134	323	209	247	257	184	262	167	183	177	168	197
213	315	183	325	176	260	222	164	251	161	234	213	161	218

RETURN FLOW TO SECTION TWO

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
		339		343									
547		192		275		459	398	414	228	623	409	314	412
474	574	165	470	232	455	365	313	395	188	372	325	264	305
439	613	177	560	287	592	442	412	396	217	398	361	286	308
467	593	218	515	284	524	422	374	401	211	464	365	288	341

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

RETURN FLOW TO ENTIRE RIVER

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
903	650	412	681	304	711	839	467	274	336	423	488	348	212
741	1228	644	350	638	860	983	600	758	670	1825	1300	724	815
963	1200	594	1123	588	946	1140	1077	869	694	1243	929	839	1204
836	877	372	935	412	902	706	538	673	386	980	658	575	669
713	800	341	799	376	728	552	483	626	345	555	551	374	504
618	863	311	880	496	839	698	571	658	384	581	540	454	505
795	739	446	794	469	831	820	623	643	469	934	744	542	652

RETURN FLOW TO SECTION ONE

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
		243		214									
242		180		137		222	137	260	158	336	216	204	257
239	286	176	328	144	272	187	170	230	157	183	247	110	201
180	344	134	323	209	247	257	184	262	167	183	177	168	197
213	315	183	325	176	260	222	164	251	161	234	213	161	218

RETURN FLOW TO SECTION TWO

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
		339		343									
547		192		275		459	398	414	228	623	409	314	412
474	574	165	470	232	455	365	313	395	188	372	325	264	305
439	613	177	560	287	592	442	412	396	217	398	361	286	308
467	593	218	515	284	524	422	374	401	211	464	365	288	341

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

RETURN FLOW TO ENTIRE RIVER

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
903	650	412	681	304	711	839	467	214	336	423	488	348	212
741	1228	644	350	638	860	983	600	758	670	1825	1300	724	815
963	1200	594	1123	588	946	1140	1077	869	694	1243	929	839	1204
836	877	372	935	412	902	706	538	673	386	980	658	515	669
713	800	341	799	376	728	552	483	626	345	555	551	374	504
618	863	311	880	496	839	698	571	658	384	581	540	454	505
795	739	446	794	469	831	820	623	643	469	934	744	542	652

RETURN FLOW TO SECTION ONE

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
		243		214									
242		180		137		222	137	260	158	336	216	204	257
239	286	176	328	144	272	187	170	230	157	183	247	110	201
180	344	134	323	209	247	257	184	262	167	183	177	168	197
213	315	183	325	176	260	222	164	251	161	234	213	161	218

RETURN FLOW TO SECTION TWO

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
		339		343									
547		192		275		459	398	414	228	623	409	314	412
474	574	165	470	232	455	365	313	395	188	372	325	264	305
439	613	177	560	287	592	442	412	396	217	398	361	286	308
467	593	218	515	284	524	422	374	401	211	464	365	288	341

Chart No. 19

1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
488	348	212	185	357	593	259	607	547	558	533	370
1300	724	815	976	685	1355	956	955	1269	1091	491	591
929	839	1204	1147	987	1373	875	879	1334	1000	778	1223
658	515	669	735	598	1213	605	637	746	648	885	657
551	374	504	589	464	753	505	535	746	637	891	589
540	454	505	713	473	823	660	716	840	681	945	652
744	542	652	725	594	1018	643	721	914	769	754	680

1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	
216	204	257	343	273			213	290	92		139
247	110	201	294	185	242	246	212	269	227	170	196
177	168	197	377	168	233	221	222	267	190	219	200
213	161	218	338	208	238	249	216	275	169	195	178
						239					

1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	
409	314	412	438	326		358	422	479	556		518
325	264	305	329	280	511	281	323	482	409	567	393
361	286	308	376	305	590	411	494	578	491	538	452
365	288	341	381	303	550	350	413	513	485	552	454

REVISED AREA AND CAPACITY TABLE FOR ARROWROCK RESERVOIR

Chart No. 20

(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	2080	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	:			

Chart 20-A 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
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	1700
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

(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		
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.

Intervenor's "Stewart Decree."

Number	Date	Name	Canal	Approx. Sec. Ft.
66A	4-1-1878	J.S. Kraus	Ballantine	.80
129A	4-1-1897	H.E. Plain	Dry Creek.	.54
66C	4-1-1878	J.W. Kolander	Ballantine	1.40
66D	4-1-1878	M.T. Griffith	Ballantine	.80
73A	4-1-1880	Goble + Sonner	Dry Creek	.54
75A	6-1-1880	C.B. Frank	Dry Creek	.816
136	5-1-1906	H.E. Wymer	Ballantine	1.356
85A	6-1-1882	Leo Marsters	Warm Springs	1.60
137	5-1-1909	B.P. Weaverling	Warm Springs	1.60
138	6-14-1912	Wesley A. Mace	Dry Creek	.40
85C	5-1-1883	Wm. Huckba	Dry Creek	.203
85D	5-1-1883	C.H. Schmeltzer	Ballantine	.7506
85E	5-1-1883	C.W. McCarty	Dry Creek	.35
124A	5-1-1893	W.D. Charters	Settlers	1.00
85B	4-1-1883	Jacob Bingham	Settlers	1.00
77A	4-15-1882	Roc. Helms	Riverside Irrig.	3.674
8A	4-1-1865	Adolph Bahler	Bahler	.80
47A	4-1-1870	Ralph T. Knight	Canyon County	1.76
116A	6-1-1890	Anna Spencer	Riverside Irrig.	.72
116B	6-1-1890	Willis B. Spencer	"	.10
116C	6-1-1890	Rebecca Bell	"	.40
114A	5-1-1889	Neil Patrick O'Donnell	O'Donnell + Barth	1.60
114B	5-1-1889	Gus A. Barth	"	.80
77A	6-1-1881	Gus A. Barth	Barma Ditch Co.	1.60
77B	6-1-1881	Charles Juries	"	.34
77C	6-1-1881	James Finlay	"	.80
77D	6-1-1881	Lester J. Shipley	"	1.30
31A	6-1-1866	Wm. Musser	Lawrence + Kennedy	2.30
31B	6-1-1866	Minister Jerry Couzens	Middleton Water	.60
31C	6-1-1866	Albert C. Bowernman	Lawrence + Kennedy	1.10
71A	4-1-1879	Island Highline Ditch Co.	"	3.00
137A	4-1-1912	"	"	7.00
139	4-1-1915	"	"	10.00
75A	1880	Albert Lempert al	Larsen-Baxter + Lemp	3.20
29A	1865	Louise Stomanson	Lemp Ditch Eagle Island	6.00
8B	4-1-1865	First Nat. Bank of Idaho	Bubb	1.80
29B	1865	St. Hardies + Armelaisley	"	.50
51A	1870	"	"	1.00
116-A	1889	"	"	.84

ADDITIONAL DECREES BOISE RIVER. "Intervenor's Stewart Decree."

Chart 21.

e	Name	Canal	Amount Decreed Sec. Ft.	Depth of Rec Inches.	File No
1878	J.S. Kraus	Ballantine	.80	40.	373
1897	H.E. Plain	Dry Creek.	.54	27	373
1878	J.W. Kolander	Ballantine	.40	70	373
1878	M.T. Griffith	Ballantine	.80	40	373
1880	Goble + Sonner	Dry Creek	.54	27	373
1880	C.B. Frank	Dry Creek	.816	40.80	380
1906	H.E. Wymer	Ballantine	.356	17.80	325
1882	Leo J. Harsters	Warm Springs	1.60	80.	324
1909	B.F. Weaverling		1.60	80	294
1912	Wesley A. Mace		.40	20	293
1883	Wm. Hucksba	Dry Creek	.203	10.15	321
1883	C. H. Schmeizler	Ballantine	.7506	37.53	320
1883	C.W. McCurdy	Dry Creek	.35	17.50	319
1893	W.D. Charters		1.00	50.	318
1883	Jacob Bingham	Settlers	1.00	50.	317
15-1882	Roc. Helms	Riverside Irrig. D.	3.674	183.70	295
1-1865	Adolph Bahler	Bahler	.80	40.	412
1-1870			.80	40	412
1-1867	Ralph T. Knight	Canyon County	1.76	88.	419
1-1890	Anna Spencer	Riverside Irrig. D.	.72	36	12A Misc.
1-1890	Willis B. Spencer		.10	5	"
1-1890	Rebecca Bell		.40	20	"
1-1889	Neil + Patricia O'Donnell	O'Donnell + Barth	1.60	80	466
1-1889	Gus A. Barth		.80	40	467
1-1889	Gus A. Barth	Farma Ditch Co	1.60	80	467
1-1881	Charles Juries		.34	17	467
1-1881	James Finlay		.80	40	467
1-1881	Lester J. Shipley		1.30	65	467
1-1886	Wm. Wusser	Lawrence + Kennedy	2.30	115	482
1-1866	Ministry Couzens	Middleton Water	.60	30	482
1-1866	Albert C. Boyer + Quinn	Lawrence + Kennedy	1.10	55	482
1-1-1879	Island Highline Ditch Co.		3.00	150	491
1-1-1919			7.00	350	491
1-1-1915	Albert Lemp et al	Larsen-Baxter + Lemp	10.00	500	491
1880	Louise Stromanson	Lemp Ditch Eagle Island	3.20	160	496
1865	First Nat. Bank of Idaho	Bubb	6.00	300	496
1-1865	St. Hardies + Amelia Lister		.50	90	497
1870			1.00	50	498
1889			.84	42	498

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF D

No. of Change of Point of Diversion	Point of Diversion		Date of Change	Priority	
	From	To		No.	Date
3		Eureka No. 2	4-2-1912	96	10-1-8
9			7-31-1912		
29		Canyon County	8-26-1918		
32		Davis Ditch	7-15-1919		
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
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
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		4-1-70
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
von County	7-31-1912					Albert F. Clemons
s Ditch	8-26-1918					J. C. Hughes
erside	7-15-1919	35	6-1-67	160	50	Ed Davis
leton Water	4-3-1919					Rebecca Bell
on Suckers	4-12-1918					Draper & Others
on Suckers	9-24-1915					Shafer & Others
	6-12-1918					George Rambo
an & Swisher	9-26-1918	19	6-1-65	35	144	Jas. D. Ruark
an & Swisher	3-31-1920					John S. Swisher
leton Mill	3-31-1920					Bird Bowman
antine	4-24-1920	20	6-1-65	35	320	H. G. Dudley
von County	12-2-1920	35	6-1-67		55½	Edward McClintick
von County	3-18-1921	65	6-1-77		30	W. Kennedy
leton Water	6-22-1921	31	6-1-66		130	Minnie Couzens
Creek	12-21-1921				33½	Harry Seavey
von County	11-25-1924				10	Detweed Etc. Bank
lers	3-12-1925	85B	4-1-83	80	25	Jacob Bingham
er	4-26-1925	8A	4-1-65		50	Adolph Bahler
er	4-26-1925	47A	4-1-70		40	Adolph Bahler
lers	4-29-1926				40	Leo Marsters
ers Union	3-9-1926	65	6-1-77		36	J. C. Ralph
ka No. 2	5-7-1926				40	J. C. Bruce
Creek	6-23-1926	103			25	Ira E. Barber
ka Ditch	10-3-1928				32½	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 Cen. Point	1-16-1932		9-9-83		35	R. E. McGuire
Dry Creek	4-23-1934	85D	5-1-83		3	Chas. H. Schmelzer
her Power	12-18-1934		7-19-12			Fischer Power Only
on County	1-8-1936		6-1-67		10	Cora M. Clifton
r Cen. Point No. 1	4-17-1936	96	10-1-87		75	Dora Greer
antine	2-10-1937		5-1-93		6½	J. H. Cone
nbaugh Canal	5-15-1937		4-1-70		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. Freshers
Dry Creek	5-5-1940		6-1-88		32½	Sid Barber
Dry Creek	28-3-1944	103	6-1-88		12	Frank M. Ray

OF DECREEED 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>
0-1-87	80		Thos. T. Johnston	
	50	50	Albert F. Clemons	
	160		J. C. Hughes	
-1-67		100	Ed Davis	
		19	Rebecca Bell	
		52	Draper & Others	
-1-65			Shafer & Others	
-1-65		144	George Rambo	
-1-67		320	Jas. D. Ruark	To Indian Creek
-1-77		55½	John S. Swisher	
-1-66	35	30	Bird Bowman	
		130	H. G. Dudley	
		33½	Edward McClintick	Foots & Wiseman
		10	W. Kennedy	
-1-83		25	Minnie Couzens	
-1-65	80	50	Harry Seavey	
-1-70		40	Detweed Etc. Bank	
		40	Jacob Bingham	
-1-77		36	Adolph Bahler	
		40	Adolph Bahler	
		25	Leo Marsters	
		32½	J. C. Ralph	
-1-66		115	J. C. Bruce	
-1-65		40	Ira E. Barber	
-9-83		35	Charles Jurries	Not approved by ditch companies Secretary
-1-83		3	Wm. Musser	
-9-12		10	Wm. Baxter	
-1-67		75	R. E. McGuire	
-1-87		6½	Chas. H. Schmelzer	
-93		40	Fischer Power Only	
-70		50	Cora M. Clifton	Below Fairview Bridge
-95		40	Dora Greer	
-65		5	J. H. Cone	Decreed to Amer. Ditch Assoc.
-65		32½	Adolph Bahler	
-88		12	Adolph Bahler	
-88			Adolph Bahler	
			Raymond T. Breshears	
			Sid Barber	
			Frank M. Ray	

TRANSFERS OF DECREED RIGHTS ON BO

Number of Transfer	Point of Diversion From To	Priority No. Date	Date of Transfer	Quantity In Inches	
34	Settlers'	Settlers'	92 10-17-84	3-16-1909)	15
34	Settlers'	Settlers'	122 6-1- 91	3-16-1909)	
36	American Ditch Assn.	Pioneer Dixie	96 10-1- 87	4-19-1909	100
38	American Ditch Assn.	Canyon Ditch Co.	96 10-1- 87	9-1- 1909	605
45		Settlers'		2-5- 1910	10
46		Penitentiary	50 6-1- 66	2-4- 1910	112
47	American Ditch Assn.	Eureka No. 2	96 10-1- 87	3-18-1910	1475
48	American Ditch Assn.	Pioneer Dixie	96 10-1- 88	3-31-1910	210
50	Settlers'			6-7- 1910	20
62	Pioneer Dixie	Eureka No. 2	96 10-1- 87	11-14-1910	50
71	Upper Center Point	Eureka No. 2	24 6-1- 65	3-14-1911	40
105	Siebenberg	Canyon	9 6-1- 65	9-18-1912	25
111	Eureka No. 2	Hillcrest	96 10-1- 87	11-25-1912	60
111	Pioneer Dixie	Hillcrest	8 6-1- 64	11-25-1912)	1017
111	Pioneer Dixie	Hillcrest	45 6-1- 69	11-25-1912)	
136	Jacobs	Farmers Union	2 6-1- 64	6-8- 1914	1000
219				7-15-1918	432
300	Middleton Mill	Dry Creek	4- 20	4-20-1921	17.5
301	Middleton Mill	Dry Creek		4-20-1921	72
347	Middleton Mill	Settlers'	3 6-1- 64	2-6- 1925	7
349	Middleton Mill	Settlers'	3 6-1- 64	2-6- 1925	7
350	Middleton Mill	Settlers'	3 6-1- 64	2-6- 1925	7
357	Middleton Mill	Settlers'	65 6-1- 77	5- -1925	10
370	Boise City	Farmers Union	33 6-1- 66	3-16-1926	56.2
373	Boise City	Farmers Union	33 6-1- 66	4-26-1926	18.7
374	Middleton Water #1	Farmers Union	65 6-1- 77	5-6- 1926	20
375	Middleton Water	Farmers Union	65 6-1- 77	5-6- 1926	10
384	Middleton Water	Farmers Union	65 6-1- 77	7-8- 1926	20
385	Middleton Water	Farmers Union	65 6-1- 77	7-8- 1926	13.3
386	Middleton Water	Farmers Union	65 6-1- 77	7-8- 1926	20
387	Middleton Water	Farmers Union	65 6-1- 77	7-8- 1926	20
391	Middleton Mill	Farmers Union	65 6-1- 77	8-13-1926	7.5
392	Middleton Water	Ridenbaugh	65 6-1- 77	8-21-1926	20
393	Middleton Mill	Farmers Union	3 6-1- 54)		
393	Middleton Mill	Farmers Union	54 6-1- 61)	9-15-1926	14.4
393	Middleton Mill	Farmers Union	120 6-1- 91)		
395	Middleton Water	Farmers Union	65 6-1- 77	11-16-1926	25
413	Thurman	Settlers'	6-1- 82	12-2- 1927	20
430	Farmers Union	Settlers'	65 6-1- 77	7-2- 1928	12.5
466	Ridenbaugh	New York	106 8-20-88	7-6- 1929	445
468	Settlers'	Settlers'	65 6-1- 77	7-12-1929	5
477	Settlers'	Settlers'	10-12-84	11-18-1929	10
483	Settlers'	Settlers'	10-13-84	4-7- 1930	3
512	Jacobs Canal	Farmers Union	2 6-1- 64	5-27-1932	50
513	Jacobs Canal	Farmers Union	2 6-1- 64	5-27-1932	25
530	Jacobs Ditch	Farmers Union	1 6-1- 64	5-15-1934	15
542	Farmers Union	Farmers Union	2 6-1- 64	12-31-1934	34.37
595	Jacobs Canal	Nampa-Meridian	1 6-1- 64	9-9- 1938	15
595	Jacobs Canal	Settlers'	1 6-1- 64	9-9- 1938	15
603	Riverside	Pioneer Dixie	88 6-1- 83	4-29-1940	50
644	Riverside	Pioneer Dixie	88 6-1- 83	11-12-1942	35
654	Consumers	Settlers	30 5-1-66	10-18-1943	25
654	Consumers	Settlers	30 5-1-66	10-18-1943	50
654	Consumers	Settlers	30 5-1-66	10-18-1943	25

TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

Priority 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- 86	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- 85	3-14-1911	40	J. D. Roland	
6-1- 85	9-18-1912	25	H. E. Meek	Change in point of diversion only.
10-1- 87	11-28-1912	60	H. L. Randall & Others	
6-1- 84	11-28-1912)	1017	H. L. Randall & Others	
6-1- 89	11-28-1912)			
6-1- 84	6-8- 1914	1000	Boise Fruit Tract Co.	
	7-15-1918	432	Pioneer Irrig. District	
4- 80	4-20-1921	17.5	Emma M. Fowler	Licensed Right Indian Creek
	4-20-1921	72	John F. Groome	
6-1- 84	2-6- 1925	7	C. E. White	
6-1- 84	2-6- 1925	7	Frank Weasel	
6-1- 84	2-6- 1925	7	Carl A. Gish	
6-1- 77	5- -1925	10	Nellie B. Whitaker	
6-1- 86	3-16-1926	56.2	Henry W. Bartlett	
6-1- 88	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	7-3- 1926	20	Mary F. Leach	
6-1- 77	7-3- 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- 84)				
6-1- 81)	9-15-1926	14.4	A. C. Bowerman	
6-1- 91)				
6-1- 77	11-16-1926	25	G. R. McGuire	
6-1- 88	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- 84	5-27-1932	50	W. Scott Anderson	
6-1- 84	5-27-1932	25	Farmers Union Ditch	
6-1- 84	5-15-1934	15	A. B. Whitney	
6-1- 84	12-31-1934	34.37	Federal Land Bank	
6-1- 84	9-9- 1938	15	Boise Trust Co.	Somermeir
6-1- 84	9-9- 1938	15	Boise Trust Co.	Falk
6-1- 85	4-29-1940	50	W. F. Tracy	
6-1- 83	11-12-1942	35	S. E. Smith	
5-1-66	10-18-1943	25	W. W. Howell	Larson Tract
5-1-66	10-18-1943	50	W. W. Howell	Hamming Tract
5-1-66	10-18-1943	25	W. W. Howell	Budge Tract

STEWART DECREE.

No.	Date	Name	Amt. Decreed		No.	Date	Name	Amt. Decreed		No.	Date
			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	6-1-89
2	6-1-64	Jacobs Canal Co.	20.00	1000	47	6-1-69	T. W. Boone	3.50	175	92	10-1-89
3	6-1-64	Middleton Mill Ditch	12.80	640	48	6-1-70	W. J. Hamming	2.60	130	93	6-1-89
4	6-1-64	Thomas Andrews	3.30	165	49	6-1-70	Pioneer Canal	25.72	1286	94	6-1-89
5	6-1-64	Catlin & Mace	2.86	143	50	6-1-69	Barber Lumber Co.	2.24	112	95	1-1-89
6	6-1-64	T. C. Catlin	3.30	165	51	6-1-70	Thomas Andrews	1.30	65	96	10-1-89
7	6-1-64	C. C. Havird	3.30	165	52	6-1-71	Catlin & Mace	7.86	393	97	6-1-89
8	6-1-64	Pioneer Ditch Co.	20.00	1000	53	6-1-71	Peter Meeras	1.80	90	98	6-1-89
9	6-1-65	Seibenberg Ditch Co.	13.42	671	54	6-1-71	Middleton Mill Ditch Co.	33.70	1685	99	6-1-89
10	6-1-65	Allen K. Webster	1.20	60	55	6-1-72	J. F. Varyan	.70	35	100	6-1-89
11	6-1-65	J. F. Varyan	.66	33	56	6-1-72	J. F. Varyan	1.40	70	101	6-1-89
12	6-1-65	Graham & Gilbert	4.40	220	57	6-1-72	Mary C. Davis	4.40	220	102	6-1-89
13	6-1-65	Eureka Water Co.	33.32	1666	58	6-1-72	Edward K. Hart	3.30	165	103	6-1-89
14	6-1-65	New Union Ditch Co.	13.76	688	59	6-1-74	T. W. Boone	2.20	110	104	6-1-89
15	6-1-65	Boise Valley Irrig. Ditch	54.58	2729	60	6-1-75	Farmers Cooperative Ditch	10.00	500	105	7-1-89
16	6-1-65	Ridenbaugh & Rossi	9.20	460	61	6-1-76	Edward B. Mary Clark	2.30	115	106	8-20-89
17	6-1-65	Ridenbaugh & Rossi (Pinner)	265.80	13290	62	6-1-76	John Cecil	.44	22	107	5-1-89
18	6-1-65	Denver Blado Land Co.	.80	40	63	6-1-77	Thomas Atkins	5.20	260	108	5-1-89
19	6-1-65	Martha Bowman	2.88	144	64	6-1-77	W. H. Conway	.90	45	109	5-1-89
20	6-1-65	Bird Bowman	6.40	320	65	6-1-77	Middleton Ditch Co.	114.08	5704	110	5-1-89
21	6-1-65	G. W. Gess	2.90	145	66	7-1-77	Perraults Johnson (Pinner)	200.00	10000	111	5-1-89
22	6-1-65	Robert McGuire	3.20	160	67	5-1-78	Nampa Meridian Irrig. D.	170.00	8500	112	5-1-89
23	6-1-65	C. W. Cooper	3.20	160	68	6-1-78	John Mammion	4.20	210	113	5-1-89
24	6-1-65	J. W. Roland	2.40	120	69	6-1-78	Julia Mammion	3.36	168	114	5-1-89
25	6-1-65	Draper & Wells	3.94	197	70	6-1-78	Charles Allen	8.80	440	115	6-1-89
26	6-1-65	Thomas J. Palmer	1.60	80	71	6-1-78	R. H. Stockton	4.40	220	116	6-1-89
27	6-1-65	Noah W. Palmer	1.58	79	72	6-1-79	New Dry Creek Ditch	31.32	1566	117	9-1-90
28	6-1-65	J. N. Tucker	7.00	350	73	6-1-79	D. Mumford	4.00	200	118	6-1-91
29	6-1-65	Thomas Andrews	6.00	300	74	6-1-80	Smith Stockton	1.76	88	119	6-1-91
30	5-1-66	J. Perrault & R. Johnson	50.00	2500	75	6-1-80	Isham Joplin	2.40	120	120	6-1-91
31	6-1-66	William P. Kennedy	2.60	130	76	10-20-80	Joseph Goble	.90	45	121	6-1-91
32	6-1-66	Manville & Leonard	3.50	175	77	10-29-80	Franklin Ditch Co.	27.60	1380	122	6-1-91
33	6-1-66	Boise City Canal Co.	38.06	1903	78	6-1-82	Allen V. Webster	.90	45	123	6-1-91
34	6-1-66	Franklin Ditch Co.	15.40	770	79	6-1-82	Susie Campbell	.60	30	124	5-1-93
35	6-1-67	Canyon Co. Water Co.	75.80	3790	80	6-1-82	J. T. Barber	1.60	80	125	6-1-94
36	6-1-68	Martha E. McCarthy	14.10	705	81	6-1-82	Sonora Joplin	3.40	170	126	7-2-94
37	6-1-68	H. D. & Dora Goodman	3.70	185	82	6-1-82	S. W. Hutchinson	.44	22	127	5-1-95
38	6-1-68	T. T. Johnson	3.20	160	83	6-1-82	Johnson	.44	22	128	7-1-95
39	6-1-68	Ross, Allen, Dilley & Ross	8.54	427	84	6-1-82	Andrew J. Joplin	2.86	143	129	7-1-96
40	6-1-68	S. S. Gray	1.40	70	85	6-1-82	James L. Graham	2.20	110	130	10-1-99
41	6-1-69	John Mammion	1.80	90	86	6-1-83	Farmers Cooperative Ditch	20.00	1000	131	3-23-00
42	6-1-69	Isaac Bedal	1.60	80	87	6-1-83	Francis M. Joplin	.90	45	132	5-17-00
43	6-1-69	Frederick Ode	3.60	180	88	6-1-83	W. H. Black	12.00	600	133	6-1-01
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
45	6-1-69	Pioneer Ditch Co.	35.44	1772	90	6-1-84	Phonetician District	53.10	2655	135	4-1-04

• Indicates Rights supplied by return flow to River.

STEWART DECREE.

CHART 20

No.	Date	Name	Acres	Decreed	No.	Date	Name	Acres	Decreed
46	6-1-69	Mason Creek Ditch Co.	37.20	1860	91	6-1-84	Riverside Irrig. Dist.	20.00	1000
47	6-1-69	T.W. Boone	3.50	175	92	10-17-84	Settlers Canal Co.	49.06	4953
48	6-1-70	W.T. Hamming	2.60	130	93	6-1-86	New Dry Creek Ditch	15.22	761
49	6-1-70	Pioneer Canal	25.72	1286	94	6-1-86	Thomas Davis	13.40	670
50	6-1-69	Barber Lumber Co.	2.24	112	95	1-23-87	W.C. L & E. Young	4.00	200
51	6-1-70	Thomas Andrews	1.30	65	96	10-1-87	American Ditch Assoc.	47.80	2390
52	6-1-71	Catlin & Mace	7.86	393	97	6-1-88	New Dry Creek Ditch Co.	7.86	393
53	6-1-71	Peter Meers	1.80	90	98	6-1-88	A.V. Linder	4.00	200
54	6-1-71	Middleton Mill Ditch Co.	33.70	1685	99	6-1-88	Leri Smith	1.30	65
55	6-1-72	J.F. Varyan	.70	35	100	6-1-88	Charlotte Calhoun	1.40	70
56	6-1-72	J.F. Varyan	1.40	70	101	6-1-88	Ed. J. Linder	1.46	73
57	6-1-72	Mary C. Davis	4.40	220	102	6-1-88	Lizzie Everett	1.20	60
58	6-1-72	Edward N. Hart	3.30	165	103	6-1-88	Jessie Wilson	1.40	70
59	6-1-74	T.W. Boone	2.20	110	104	6-1-88	Thomas Andrews	.90	45
60	6-1-75	Farmers Cooperative D. Co.	10.00	500	105	7-1-88	Farmers Coop. Ditch Co.	50.00	2500
61	6-1-76	Edward B. Mary Clark	2.30	115	106	8-20-88	Nampa Meridian Irrig. D.	370.84	18542
62	6-1-76	John Cecil	.44	22	107	5-1-89	Chas. S. Miller	.06	3
63	6-1-77	Thomas Aikens	5.20	260	108	5-1-89	Lommiss L. Hoxley	.02	1
64	6-1-77	W.H. Conway	.90	45	109	5-1-89	S.B.T. Otter B.C.B. Taylor	2.40	120
65	6-1-77	Middleton Water Co.	114.08	5704	110	5-1-89	South Boise Mutual Irrig. Co.	6.00	300
66	7-1-77	Perraults Johnson (Perrault)	200.00	10000	111	5-1-89	Estate of J.H. Gallagher	2.94	147
67	5-1-78	Nampa Meridian Irrig. D.	170.00	8500	112	5-1-89	Anna H. Fogarty	.05	2
68	6-1-78	John Mammion	4.20	210	113	5-1-89	Grace Cull	.10	5
69	6-1-78	Julia Mammion	3.36	168	114	5-1-89	Samuel H. Carfield	.03	1
70	6-1-78	Charles Allen	8.80	440	115	6-1-89	Sonora Joplin	.06	3
71	6-1-78	R.H. Stockton	4.40	220	116	6-1-89	Sonora Joplin	1.20	60
72	6-1-79	New Dry Creek Ditch Co.	31.32	1566	117	9-1-90	Pioneer Irrig. District	200.00	10000
73	6-1-79	D. Mumford	4.00	200	118	6-1-91	W.H. Conway	2.20	110
74	6-1-80	Smith Stockton	1.76	88	119	6-1-91	Thomas Davis	.54	27
75	6-1-80	Isham Joplin	2.40	120	120	6-1-91	Middleton Mill Ditch Co.	17.00	850
76	10-20-80	Joseph Goble	.90	45	121	6-1-91	Thomas Andrews	3.50	175
77	10-29-80	Franklin Ditch Co.	27.60	1380	122	6-1-91	Settlers Canal Co.	73.44	3672
78	6-1-82	Allen V. Webster	.90	45	123	6-1-91	Thomas Aikens	.80	40
79	6-1-82	Susie Campbell	.60	30	124	5-1-93	Riverside Irrig. District	80.00	4000
80	6-1-82	J.T. Barber	1.60	80	125	6-1-94	R.H. Stockton	1.76	88
81	6-1-82	Sonora Joplin	3.40	170	126	7-2-94	Farmers Union Ditch Co.	110.00	5500
82	6-1-82	J.W. Hutchinson	.44	22	127	5-1-95	Charles Rein & Jane Reck	1.00	50
83	6-1-82	Johnson	.44	22	128	7-1-95	Matthew Casey	.66	33
84	6-1-82	Andrew J. Joplin	2.86	143	129	7-1-96	Farmers Coop. Ditch Co.	83.50	4175
85	6-1-82	James L. Graham	2.20	110	130	10-1-99	Riverside Irrig. District	20.00	1000
86	6-1-83	Farmers Cooperative Ditch	20.00	1000	131	3-23-00	New York Canal Co.	219.10	10955
87	6-1-83	Francis M. Joplin	.90	45	132	5-17-00	Canyon Ditch Co.	10.00	500
88	6-1-83	W.H. Black	12.00	600	133	6-1-01	Riverside Irrig. District	70.00	3500
89	11-9-83	Eureka Ditch Co. No. 2	21.70	1085	134	10-25-01	Canyon Ditch Co.	5.34	277
90	6-1-84	Pioneer Irrig. District	53.10	2655	135	4-1-04	Pioneer Irrig. District	56.34	2817

• Indicates Rights supplied by return flow to River.

R.H. Joplin
Irrig. Eng.

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Decree	Priority		Amount Decr	
				No.	Date	Inches	Sec. Ft.
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
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*
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
Meeves			Stewart	53	6-1-1871	90	1.80
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
Davis							
			Stewart	94	6-1-1886	670	13.40

* Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Chart No. 25

in D.	Transfer	Decree	Priority		Inches	Amount Decreed		Total Sec. Feet
			No.	Date		Sec. Ft.		
		Stewart	131	3-23-1900	10955			
		Bryan		3-23-1900	2943	219.10		
		Bryan		12-14-1903	67729	58.86		
466		Bryan		6-16-1909	46325	1354.58		
111		Stewart	106	8-20-1888	445	926.50		
111		Stewart	8	6-1-1864)	1017	8.90		
111		Stewart	45	6-1-1869)		20.34		
		Stewart	96	10-1-1887	60	1.20		2589.48
		Stewart	67	5-1-1878	8500	170.00		
392		Stewart	106	8-20-1888	18542	370.84		
		Stewart	65	6-1-1877	20	.40		
		Stewart	65	4-1-1870	40	.80		
		Stewart		5-1-1895	50	1.00		
466*		Stewart	106	4-1-1865	40	.80		
				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 Dec</u>	
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</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
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*
Penitentiary				50	6-1-1866	112	2.24
Crüsen			Stewart	30	5-1-1866	2500	50.00
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*

*Subtract

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Page in 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	
	412*	Stewart	128	7-1-1895	33	.66	
		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

Name of Canal	Change in P. of D.	Transfer	Decree	Priority		Amount Decreed	
				No.	Date	Inches	Sec. Ft.
Jacobs			Stewart	1	6-1-1864	110	
		136*	Stewart	2	6-1-1864	1000	2.20
		512*	Stewart	2	6-1-1864	1000	20.00
		513*	Stewart	1	6-1-1864	50	20.00*
			Stewart	1	6-1-1864	25	1.00*
Farmers Union			Stewart	2	6-1-1864	1000	.50*
			Stewart	126	7-2-1894	5500	20.00
		370	Stewart		6-1-1966	56.2	110.00
		373	Stewart		6-1-1866	18.7	1.124
		374	Stewart		6-1-1877	20	.374
		375	Stewart		6-1-1877	10	.40
		384	Stewart		6-1-1877	20	.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	20	.40
		393	Stewart		6-1-1877	7.5	.15
		395	Stewart		6-1-1877	14.4	.288
		430	Stewart		6-1-1871	25	.50
	84		Stewart	8	6-1-1877	12.5	.25
			Bryan		7-2-1894	40	.80
		512 & 513		1	6-1-1864	2723	54.46
						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

in D.	Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
			No.	Date	Inches	Sec. Ft.	
		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	20	.40	
	393	Stewart		6-1-1877	7.5	.15	
	395	Stewart		6-1-1877	14.4	.288	
	430	Stewart		6-1-1871	25	.50	
		Stewart		6-1-1871	12.5	.25	
		Stewart	8	6-1-1877	40	.80	
	512 & 513	Bryan		7-2-1894	2723	54.46	
			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 Decr	
				No.	Date	Inches	Sec. Ft.
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*
			Stewart	103	6-1-1888	12.	.24*
			Stewart	65	6-1-1877	5704	114.08
			Stewart	65	6-1-1867	19	.38
			Stewart			33.5	.67
			Stewart		6-1-1866	115	2.30
Middleton Water	36		Stewart	65	6-1-1877	30	.60*
	61		Stewart	65	6-1-1877	40	.80*
	126		Stewart	65	6-1-1877	10	.20*
	57*		Stewart	65	6-1-1877	20	.40*
	84*		Stewart	65	6-1-1877	10	.20*
		357*	Stewart	65	6-1-1877	20	.40*
		374*	Stewart	65	6-1-1877	13.3	.266*
		375*	Stewart	65	6-1-1877	20	.40*
		384*	Stewart	65	6-1-1877	20	.40*
		385*	Stewart	65	6-1-1877	20	.40*
		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*
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

Transfer	Decree	Priority		Amount Decreed		Total
		No.	Date	Inches	Sec. Ft.	Sec. Feet
	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	
	Stewart	136	5-1-1906	17.8	.356	
	Stewart		6-1-1877	30	.60	
	Stewart			10	.20*	
	Stewart		6-1-1888	32.5	.65*	
	Stewart	103	6-1-1888	12.	.24*	15.1766
	Stewart	65	6-1-1877	5704	114.08	
	Stewart	65	6-1-1867	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*	
57*	Stewart	65	6-1-1877	10	.20*	
74*	Stewart	65	6-1-1877	20	.40*	
75*	Stewart	65	6-1-1877	10	.20*	
84*	Stewart	65	6-1-1877	20	.40*	
85*	Stewart	65	6-1-1877	13.3	.266*	
86*	Stewart	65	6-1-1877	20	.40*	
87*	Stewart	65	6-1-1877	20	.40*	
892*	Stewart	65	6-1-1877	20	.40*	
95*	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*	
00*	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>T Sec.</u>
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	
Middleton Mill (Cont'd)		301*	Stewart			72	1.44*	
		347*	Stewart		6-1-1864	7	.14*	
		349*	Stewart		6-1-1864	7	.14*	
		350*	Stewart		6-1-1864	7	.14*	
		391*	Stewart			7.5	.15*	
		393*	Stewart			14.4	.288*	62.8
Pioneer			Stewart	49	6-1-1870	1286	25.72	25.72
Canyon County			Stewart	35	6-1-1867	3790	75.80	
			Additional	35A	6-1-1867	88	1.76	
	29		Stewart		6-1-1867	50	1.00	
	59		Stewart	31	6-1-1866	130	2.60	
	75		Stewart			25	.50	
	36*		Stewart			19	.38*	
	54*		Stewart			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* 39*		Stewart			52	1.04*	9.96
Graham & Gilbert			Stewart	12	6-1-1865	220	4.40	4.40

*Subtract

Chart No. 25-D

DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
		No.	Date	Inches	Sec. Ft.	
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	
	Additional	35A	6-1-1867	88	1.76	
	Stewart		6-1-1867	50	1.00	
	Stewart	31	6-1-1866	130	2.60	
	Stewart			25	.50	
	Stewart			19	.38*	
	Stewart			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*	9.96
	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>To 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	
			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*	9
Joplin			Stewart	81	6-1-1882		.80	
			Stewart	115	6-1-1889		.06	
			Stewart	116	6-1-1889		1.20	2.
Seven Suckers	38		Stewart			52	1.04	1.
	39		Stewart					
Phyllis			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.
Eureka No. 1			Stewart	13	6-1-1865	1666	33.32	33.
Caldwell High Line			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.
Farmers Coop. Ditch			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.

*Subtract

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Transfer	Decree	Priority		Amount Decreed		Total Sec. Feet
		No.	Date	Inches	Sec. Ft.	
	Stewart	61	6-1-1876	115	2.30	
	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*	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	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

<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. F.</u>
				<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	
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	28.
Siebenberg			Stewart	9	6-1-1865	671	13.42	
		105*	Stewart	9	6-1-1865	25	.50*	12.9
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	294.38
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*	
		62*	Stewart			50	1.00*	40.3
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	
		111*	Stewart	96		60	1.20*	52.

*Subtract

DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		<u>Total Sec. Feet</u>
		<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	
381 105	Stewart	132	5-17-1900	500	10.00	28.14
	Stewart	134	10-25-1901	277	5.54	
	Stewart	96	10-1-1887	605	12.10	
	Stewart	9	6-1-1865	25	.50	
105*	Stewart	9	6-1-1865	671	13.42	12.92
	Stewart	9	6-1-1865	25	.50*	
	Stewart	88	6-1-1883	600	12.00	294.38
	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	
	Bryan		4-1-1910	100	2.00	
			4-1-1914	3189	63.78	
36 48 111* 62*	Stewart	8	6-1-1864	885	17.70	40.30
	Stewart	45	6-1-1869	1000	20.00	
	Stewart	96	10-1-1887	1772	35.44	
	Stewart	96	10-1-1887	100	2.00	
	Stewart	96	10-1-1887	210	4.20	
47 62 71 85 111*	Stewart			1017	20.34*	52.30
	Stewart			50	1.00*	
	Stewart	89	11-8-1883	1085	21.70	
	Stewart	96	10-1-1887	1475	29.50	
	Stewart	96	10-1-1887	50	1.00	
	Stewart	24	6-1-1865	40	.80	
85 111*	Stewart			25	.50	52.30
	Stewart	96		60	1.20*	

STEWART DECREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in F. of D.	Transfer	Decree	Priority		Amount Decreed		
				No.	Date	Inches	Sec. Ft.	Se
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*	1
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
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
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
Haas Ditch			Stewart	39	6-1-1868	427	8.54	
			Stewart	70	6-1-1878	440	8.80	17
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
Larsen-Baxter-Lemp	127		Additional	75A	1880	40	.80	
				127	6-1-1865	160	3.20	4

*Subtract

STEWART AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Transfer</u>	<u>Decree</u>	<u>Priority</u>		<u>Amount Decreed</u>		<u>Total</u>
		<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	<u>Sec. Feet</u>
71*	Stewart	23	6-1-1865	160		
	Stewart	24	6-1-1865	120	3.20	
	Stewart	25	6-1-1865	197	2.40	
	Stewart	26	6-1-1865	80	3.94	
	Stewart	27	6-1-1865	79	1.60	
	Stewart			40	1.58	
	Stewart			25	.80*	
	Stewart				.50*	11.42
	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*	16.90
	Stewart	19	6-1-1865	144	2.88	
	Stewart	20	6-1-1865	320	6.40	
	Stewart		6-1-1865	40	.80*	8.48
	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
	Stewart	39	6-1-1868	427	8.54	
	Stewart	70	6-1-1878	440	8.80	17.34
	Additional	71A	4-1-1879	150	3.00	
	Additional	137A	4-1-1910	350	7.00	
	Additional	139	4-1-1915	500	10.00	20.00
	Additional	75A	1880	40	.80	
		127	6-1-1865	160	3.20	4.00

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>Sec.</u>
Boone Ditch			Stewart	28		350	7.00	
			Stewart	47		175	3.50	
			Stewart	59		110	2.20	
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.
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	11.90
O'Donnell Ditch			Stewart	114A	5-1-1839	80	1.60	
			Stewart	114B	5-1-1889	40	.80	2.40

SCREE AND BRYAN DECREE GROUPED UNDER CANAL HEADINGS

<u>Transfer</u>	<u>Dauran</u>	<u>Priority</u>		<u>Amount Decreed</u>		<u>Total</u> <u>Sec. Feet</u>
		<u>No.</u>	<u>Date</u>	<u>Inches</u>	<u>Sec. Ft.</u>	
Stewart		28				
Stewart		47		350	7.00	
Stewart		59		175	3.50	
				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		46	6-1-1899	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	5-1-1889	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>
1	Thomas Davis	1	2.20	1.65	1.32		1152.58
2	Jacobs Canal Co.*	1	20.00	20.00	20.00		
3	Middleton Mill Ditch Co.	1	12.80	9.60	7.68		1154.50
4	Thomas Andrews	3	3.30	2.47	1.98		
5	Catlin & Mace	1	2.86	2.15	1.71		1154.93
6	T. C. Catlin	1	3.30	2.47	1.98		1155.43
7	C. C. Havird	1	3.30	2.47	1.98		1155.93
8	Pioneer Dixie Ditch Co.	2	20.00	15.00	12.00		
8A	Adolph Bahler	1	.80	.60	.48		1156.05
8B	First Nat'l. Bank of Pueblo	1	1.80	1.35	1.08		1156.32
9	Siebenberg	2	13.42	10.07	8.05		
10	Allen V. Webster	1	1.20	.90	.72		1156.50
11	J. F. Yaryan	1	.66	.49	.40		1156.60
12	Graham & Gilbert	1	4.40	3.30	2.64		1157.26
13	Eureka Water Co.	1	33.32	24.99	19.99		1162.26
14	New Union Ditch Co.	1	13.76	10.32	8.26		1164.32
15	Boise Valley Irrigation Co.	1	54.58	40.94	32.75		1172.51
16	Ridenbaugh & Rossi	1	9.20	6.90	5.52		1173.89
17	Ridenbaugh & Rossi (Power)	1					
18	Denver & Idaho Land Co.	1	.80	.60	.48		1174.01
19	Martha Bowman	2	2.88	2.16	1.73		
20	Bird Bowman	2	6.40	4.80	3.84		
21	G. W. Gess	2	2.90	2.18	1.74		
22	Robert McGuire	2	3.20	2.40	1.92		
23	C. W. Cooper	2	3.20	2.40	1.92		
24	J. W. Rowland	2	2.40	1.80	1.44		
25	Draper & Wells	2	3.94	2.96	2.36		
26	Thomas J. Palmer	2	1.60	1.20	.96		
27	Noah W. Palmer	2	1.58	1.19	.95		
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
29B	S. G. Hardies & Amelia Easley	1	.50	.38	.30		1174.99
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
31A	Wm. Musser	1	2.30	1.73	1.38		1175.73
31B	Minnie & Jerry Couzens	1	.60	.45	.36		1175.82
31C	Albert C. Bowerman	1	1.10	.83	.66		1175.99
32	Manville & Leonard	1	3.50	2.63	2.10		1176.51
33	Boise City Canal Co.	1	38.06	28.55	22.83	22.83	1182.22
34	Franklin Ditch Co.	1	15.40	11.55	9.24	32.07	1184.53
35	Canyon County Water Co.	1	75.80	56.85	45.48	77.55	1195.90
35A	Ralph T. Knight	1	1.76	1.32	1.06	78.61	1196.16
36	Martha E. McCarthy	1	14.10	10.58	8.46	87.07	1198.28

* 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
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
2	20.00	15.00	12.00		1155.93	1470.75
1	.80	.60	.48			1475.75
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
1	54.58	40.94	32.75		1164.32	1493.10
1	9.20	6.90	5.52		1172.51	1506.75
1					1173.89	1509.05
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
1	.50	.38	.30		1174.99	1517.90
1	50.00	50.00	50.00			
1	2.60	1.95	1.56		1175.38	1518.55
1	2.30	1.73	1.38		1175.73	1519.13
1	.60	.45	.36		1175.82	1519.28
1	1.10	.83	.66		1175.99	1519.56
1	3.50	2.63	2.10		1176.51	1520.44
1	38.06	28.55	22.83	22.83	1182.22	1529.96
1	15.40	11.55	9.24	32.07	1184.53	1533.81
1	75.80	56.85	45.48	77.55	1195.90	1552.76
1	1.76	1.32	1.06	78.61	1196.16	1553.20
1	14.10	10.58	8.46	87.07	1198.28	1556.73

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

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

<u>River Section</u>	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 75%</u>	<u>Flow Necessary To Fill to 100%</u>
1	2.20	1.65	1.32			
1	20.00	20.00	20.00		1152.58	1465.17
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
2	20.00	15.00	12.00		1155.93	1470.75
1	.80	.60	.48			1475.75
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
1	54.58	40.94	32.75		1164.32	1493.10
1	9.20	6.90	5.52		1172.51	1506.75
1					1173.89	1509.05
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
1	.50	.38	.30		1174.99	1517.90
1	50.00	50.00	50.00			
1	2.60	1.95	1.56		1175.38	1518.55
1	2.30	1.73	1.38		1175.73	1519.13
1	.60	.45	.36		1175.82	1519.28
1	1.10	.83	.66		1175.99	1519.56
1	3.50	2.63	2.10		1176.51	1520.44
1	38.06	28.55	22.83	22.83	1182.22	1529.96
1	15.40	11.55	9.24	32.07	1184.53	1533.81
1	75.80	56.85	45.48	77.55	1195.90	1552.76
1	1.76	1.32	1.06	78.61	1196.16	1553.20
1	14.10	10.58	8.46	87.07	1198.28	1556.73

y 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 Necess To Fill to 60%</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 Eisley	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 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>
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 Eisley	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		

Chart No. 26-A

OWING 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	3.70	2.78	2.22			
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
3	8.50	6.38	5.10			
2	35.44	26.58	21.26			
1	37.20	27.90	22.32	113.41	1204.87	1568.97
3	3.50	2.63	2.10			1578.27
1	.80	.60	.48	113.89	1204.99	1578.47
1	2.60	1.95	1.56	115.45	1205.38	1579.12
1	25.72	19.29	15.43	130.88	1209.24	1585.55
1	2.24	1.68	1.34	132.22	1209.58	1586.11
3	1.30	.98	.78			
ey 1	1.00	.75	.60	132.82	1209.73	1586.36
1	7.86	5.90	4.72	137.54	1210.91	1588.33
1	1.80	1.35	1.08	138.62	1211.18	1588.78
1	33.70	25.28	20.22	158.84	1216.24	1597.21
1	.70	.53	.42	159.26	1216.35	1597.39
1	1.40	1.05	.84	160.10	1216.56	1597.74
1	4.40	3.30	2.64	162.74	1217.22	1598.84
1	3.30	2.47	1.98	164.72	1217.72	1599.67
3	2.20	1.65	1.32			
2	10.00	7.50	6.00			
1	2.30	1.73	1.38	166.10	1218.07	1602.17
1	.44	.33	.26	166.36	1218.14	1602.74
1	5.20	3.90	3.12	169.48	1218.92	1602.86
1	.90	.68	.54	170.02	1219.06	1604.16
1	114.08	85.56	68.45	238.47	1236.17	1604.39
1						1632.91
1	.80	.60	.48	238.95	1236.29	1633.11
1	.80	.60	.48	239.43	1236.41	1633.31
1	1.40	1.05	.84	240.27	1236.62	1633.66
1	.80	.60	.48	240.75	1236.74	1633.86
1	170.00	127.50	102.00	342.75	1262.24	1676.36
3	4.20	3.15	2.52			
3	3.36	2.52	2.02			
3	8.80	6.60	5.28			
3	4.40	3.30	2.64			
3	3.00	2.25	1.80			
1	31.32	23.49	18.79	361.54	1266.94	1684.19
2	4.00	3.00	2.40			1685.19

TABLE SHOWING DECREEED 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>
73A	Coble & Songer	1	.54	.41	.32	361.86	1267.02
74	Smith Stockton	3	1.76	1.32	1.06		
75	Isham Joplin	1	2.40	1.80	1.44	363.30	1267.38
75A	C. B. Frank	1	.816	.61	.49	363.79	1267.50
75A	Albert Lemp et al	3	3.20	2.40	1.92		
76	Joseph Goble	1	.90	.68	.54	364.33	1267.64
77	Franklin Ditch Co.	1	27.60	20.75	16.56	380.89	1271.78
77A	Gus A. Barth	3	1.60	1.20	.96		
77B	Charles Jurries	3	.34	.26	.20		
77C	James Finlay	3	.80	.60	.48		
77D	Lester J. Shippy	3	1.30	.98	.78		
77E	Roc Helms	2	3.674	2.76	2.20		
78	Allen V. Webster	1	.90	.68	.54	381.43	1271.92
79	Susie Campbell	1	.60	.45	.36	381.79	1272.01
80	J. T. Barber	1	1.60	1.20	.96	382.75	1272.25
81	Sonora Joplin	1	3.40	2.55	2.04	384.79	1272.76
82	S. W. Hutchinson	1	.44	.33	.26	385.05	1272.83
83	Johnson	1	.44	.33	.26	385.31	1272.90
84	Andrew J. Joplin	1	2.86	2.15	1.72	387.03	1273.33
85	James L. Graham	1	2.20	1.65	1.32	388.35	1273.66
85A	Leo Marsters	1	1.60	1.20	.96	389.31	1273.90
85B	Jacob Bingham	1	1.00	.75	.60	389.91	1274.05
85C	Wm. Huckba	1	.203	.15	.12	390.03	1274.08
85D	C. H. Schmelzer	1	.7506	.56	.45	390.48	1274.19
85E	C. W. McClurg	1	.35	.26	.21	390.69	1274.24
86	Farmers Coop. Ditch	2	20.00	15.00	12.00		
87	Francis M. Joplin	1	.90	.68	.54	391.23	1274.40
88	W. A. Black	2	12.00	9.00	7.20		
89	Eureka Ditch Co. No. 2	2	21.70	16.28	13.02		
90	Pioneer Irrigation Dist.	1	53.10	39.83	31.86	423.09	1282.35
91	Riverside Irrig. Dist.	2	20.00	15.00	12.00		
92	Settlers Canal Co.	1	99.06	74.30	59.44	482.53	1297.21
93	New Dry Creek Co.	1	15.22	11.42	9.13	491.66	1299.49
94	Thomas Davis	1	13.40	10.05	8.04	499.70	1301.50
95	Wm. E., L. & E. Young	2	4.00	3.00	2.40		
96	American Ditch Assoc.	2	47.80	35.85	28.68		
97	New Dry Creek Ditch	1	7.86	5.90	4.72	504.42	1302.68
98	A. V. Linder	1	4.00	3.00	2.40	506.82	1303.28
99	Levi Smith	1	1.30	.98	.78	507.60	1303.48
100	Charlotte Calhoun	1	1.40	1.05	.84	508.44	1303.69
101	Ed J. Linder	1	1.46	1.10	.88	509.32	1303.91
102	Lizzie Everett	1	1.20	.90	.72	510.04	1304.09
103	Jessie Wilson	1	1.40	1.05	.84	510.88	1304.30
104	Thomas Andrews	3	.90	.68	.54		

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

on	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%
	.54	.41	.32			
	1.76	1.32	1.06	361.86	1267.02	1685.33
	2.40	1.80	1.44			
	.816	.61	.49	363.30	1267.38	1685.93
	3.20	2.40	1.92	363.79	1267.50	1686.13
	.90	.68	.54			
	27.60	20.75	16.56	364.33	1267.64	1686.36
	1.60	1.20	.96	380.89	1271.78	1693.26
	.34	.26	.20			
	.80	.60	.48			
	1.30	.98	.78			
	3.674	2.76	2.20			
	.90	.68	.54	381.43	1271.92	1694.18
	.60	.45	.36	381.79	1272.01	1694.41
	1.60	1.20	.96	382.75	1272.25	1694.56
	3.40	2.55	2.04	384.79	1272.76	1694.96
	.44	.33	.26	385.05	1272.83	1695.81
	.44	.33	.26	385.31	1272.90	1695.92
	2.86	2.15	1.72	387.03	1273.33	1696.03
	2.20	1.65	1.32	388.35	1273.66	1696.75
	1.60	1.20	.96	389.31	1273.90	1697.30
	1.00	.75	.60	389.91	1274.05	1697.70
	.203	.15	.12	390.03	1274.08	1697.95
	.7506	.56	.45	390.48	1274.19	1698.00
	.35	.26	.21	390.69	1274.24	1698.19
	20.00	15.00	12.00			1698.28
	.90	.68	.54	391.23	1274.40	1703.28
	12.00	9.00	7.20			1703.51
	21.70	16.28	13.02			1706.51
	53.10	39.83	31.86	423.09	1282.35	1711.94
	20.00	15.00	12.00			1725.22
	99.06	74.30	59.44	482.53	1297.21	1730.22
	15.22	11.42	9.13	491.66	1299.49	1754.99
	13.40	10.05	8.04	499.70	1301.50	1758.80
	4.00	3.00	2.40			1761.15
	47.80	35.85	28.68			1763.15
	7.86	5.90	4.72	504.42	1302.68	1775.10
	4.00	3.00	2.40	506.82	1303.28	1777.07
	1.30	.98	.78	507.60	1303.48	1778.07
	1.40	1.05	.84	508.44	1303.69	1778.40
	1.46	1.10	.88	509.32	1303.91	1778.75
	1.20	.90	.72	510.04	1304.09	1779.12
	1.40	1.05	.84	510.88	1304.30	1779.42
	.90	.68	.54			1779.77

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

(See Notes in front of report for further explanations)

Chart No. 26-c

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

<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>
50.00	37.50	30.00			
370.84	278.13	222.50	733.38		1797.27
.06	.05	.04	733.42	1359.93	1884.98
.02	.015	.01	733.43	1359.93	1885.00
2.40	1.80	1.44	734.87	1359.93	1885.00
6.00	4.50	3.60	738.47	1360.29	1885.60
2.94	2.21	1.76	740.23	1361.19	1887.10
.05	.04	.03	740.26	1361.63	1887.84
.10	.08	.06	740.32	1361.63	1887.85
.03	.02	.02	740.34	1361.64	1887.88
1.60	1.20	.96		1361.64	1887.88
.80	.60	.48			
.06	.05	.04	740.38		
1.20	.90	.72	741.10	1361.64	1887.90
.84	.63	.50	741.60	1361.82	1888.20
.72	.54	.43		1361.95	1888.41
.10	.08	.06			1888.59
.40	.30	.24			1888.62
200.00	150.00	120.00	861.60		1888.72
2.20	1.65	1.32	862.92	1391.97	1938.72
.54	.41	.32	863.24	1392.28	1939.27
17.00	12.75	10.20	873.44	1392.36	1939.41
3.50	2.63	2.10		1394.91	1943.66
73.44	55.08	44.06	917.50		
.80	.60	.48	917.98	1405.93	1962.02
80.00	60.00	48.00		1406.05	1962.22
1.00	.75	.60	918.58		1982.22
1.76	1.32	1.06		1406.20	1982.47
110.00	82.50	66.00	984.58		
1.00	.75	.60	985.18	1422.70	2009.97
.66	.50	.40	985.58	1422.85	2010.22
83.50	62.63	50.10		1422.95	2010.39
20.00	15.00	12.00			2031.27
219.10	164.33	131.46	1117.04		2036.27
10.00	7.50	6.00		1455.82	2091.05
70.00	52.50	42.00			2093.55
5.54	4.16	3.32			2111.05
56.34	42.26	33.80	1150.84		2112.44
.356	.27	.21	1151.05	1464.27	2126.53
1.60	1.20	.96	1152.01	1464.32	2126.62
7.00	5.25	4.20		1464.56	2127.02
.40	.30	.24	1152.25		
10.00	7.50	6.00		1464.62	2127.12

explanations)

CH

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".

FLOWING DECREE RIGHTS (BRYAN DECREE) & NATURAL FLOW IN
AND 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>
	54.46	40.85	32.68	2159.80	3922.75	4375.08
t.)	58.86	44.15	35.32	2195.12	3931.58	4389.80
	1354.58	1015.94	812.75	3007.87	4134.77	4728.45
	306.56	229.92	183.94	3191.81	4180.75	4805.09
h Co.	154.45	115.84	92.67	3284.48	4203.92	4843.70
Co.	5.40	4.05	3.24	3287.72	4204.73	4845.05
	54.50	40.88	32.70	3320.42	4212.91	4858.68
	926.50	694.88	555.90	3876.32	4351.89	5090.31
t.	63.78	47.84	38.27	3914.59	4361.46	5106.26
	8000.00					13106.26
	17.70					13123.96

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



