

**WATER DISTRIBUTION OF BOISE RIVER
DISTRICT No. 12-A
1950**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1950

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

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

BY
EDWIN B. KARN
WATERMASTER, BOISE RIVER

C H A R T S

1. Map of Boise River, showing canal diversions.
2. 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, 2-G, 2-H, 2-I, 2-J and 2-K are tables showing natural flow of Boise River by days for the period from 1895 to 1940 inclusive. 2-L, 2-M, 2-N and 2-O show the same information for the period from 1941 to 1950 inclusive.
3. Omitted. Will be shown in 1951 report for 50-year period.
4. Table showing monthly and annual flow of Boise River in acre-feet, for the irrigation years from 1894-95 to 1949-50 inclusive.
5. 5-A, 5-B, 5-C, 5-D and 5-E, daily discharge of all canals (Sections 1 and 2) for irrigation season of 1950.
6. Summary table in acre-feet showing monthly and total canal diversions for the irrigation season of 1950.
7. 7-A, summary table showing total annual diversions for all Boise Valley canals beginning 1915.
8. 8-A and 8-B, daily discharge of all principal tributary streams feeding water to Boise River below More's Creek for irrigation season of 1950.
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 1950.
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 1950.
11. Two tables for Section 2 of Boise River showing river at Star, canal deliveries, tributary gain, seepage gain and net gain between Star and Notus, by months in acre-feet, and average daily flow in 24-hour second feet, for irrigation season of 1950.
12. Table showing acreage under all canals in the Boise Valley.
13. This table omitted as all information shown is in Tables 6 and 14.
14. Table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1934.

C H A R T S

(Continued)

17. Table showing total discharge of drainage canals in Drainage District No. 2 for the irrigation season of 1950.
18. Two tables showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4 for the irrigation season of 1950.
19. Summary table of return flow to Boise River between the Government Diversion Dam and Notus beginning 1914.
20. Table showing distribution of drainage water to various canals
21. Table showing Intervenor Decrees on Boise River (Intervenors in the Stewart Decree), giving priority number, date and amount decreed.
22. Table showing changes in point of diversion of decreed rights on Boise River.
23. 23-A, tables showing transfers of decreed rights on Boise River.
24. Condensed table of Stewart Decree showing dates of priority and amounts decreed.
25. 25-A, 25-B, 25-C, 25-D, 25-E, 25-F, 25-G, 25-H and 25-I are tables showing the Stewart, Intervenor's and Bryan Decrees grouped under canal headings.
26. 26-A, 26-B and 26-C are tables in second feet showing decreed rights (Stewart Decree) and natural flow at Diversion Dam necessary to fill same. 26-D is a table in second feet showing decreed rights (Bryan Decree) and natural flow in second feet necessary at Diversion Dam to fill same.

ORGANIZATION

The Boise River Organization for 1950 was the same that it has been for several years past. It includes a Chairman and Secretary, a Watermaster, one Assistant for a few months during the summer, and a part-time stenographer.

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

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

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

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

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

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

DECREEES

Stewart Decree:

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

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

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

Bryan Decree

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

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

Charts 26, 26-A, 26-B and 26-C relate to the Stewart Decree and show the following information: Number of priority, name to whom decree was issued, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent, and section of river in which point of diversion is located. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Stewart Decree, including intervenors, to 60 percent, 75 percent and 100 percent. In computing the amounts necessary to fill the various rights in this table, it is assumed that the return flow will fill the first 32 rights to 60 percent of the amount decreed. It is also assumed that the return flow to sections 2 and 3 of the river would fill the rights with points of diversion in those sections of the river to 75 percent of the amount decreed.

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

BOISE RIVER RUN-OFF AND AVAILABLE WATER SUPPLY

The total annual flow for 1950 was 2,320,378 acre-feet. Precipitation was above normal in March and below normal in April. Irrigation started slowly in April and gradually built up to a peak in May. The highest flow was 13,675 second feet on May 17 and the lowest flow was 496 second feet on September 7. River regulation was begun on July 10 and continued for the balance of the season. The demand for water was heavy until the first week in September and light for the balance of the season.

Charts 2 to 2-K inclusive show the daily natural flow of the Boise River from 1895 to 1940 inclusive. Charts 2-L to 2-O inclusive show the daily natural flow of the Boise River from 1941 to 1950 inclusive.

Chart 3 is to be revised and will appear in the 1951 report for a 50-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 1894-95.

CANAL REGULATIONS

It was necessary to begin canal regulations July 10.

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

Chart 6 shows the monthly and total diversions for the Boise River for the irrigation season of 1950.

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

TRIBUTARY GAIN

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

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

NET GAIN

Chart 9 shows the total flow of the Boise River passing Diversion Dam, canal deliveries, and gain to the river by months in acre-feet, and also average daily flow for each month during the season of 1950.

RIVER FLUCTUATION

Fluctuations of river flow were held to a minimum in 1950. These fluctuations are largely beyond the control of the Watermaster and will continue to remain as a menacing problem from that standpoint in connection with irrigation deliveries.

CLASSIFICATION OF RIVER

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

SECTION I

Chart 10 shows the condition that existed in this section during the period July 1 to September 30 inclusive. The average net gain in this section per month during this period was 351 second feet.

SECTION II

Chart 11 is a table showing the condition that existed in this section during the period July 1 to September 30 inclusive. The average return flow per month during this period to this section was 816 second feet.

SECTION III

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

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

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

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

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

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

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

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

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

Chart 14 is a table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning 1934. A similar record showing the acre-feet per acre diverted for 18 principal canals in the Boise Valley, beginning 1916, may be found in previous annual reports. The amount shown under the column "Acre Feet per Acre" cannot be construed as a duty of water for the lands of the Boise Valley, due to the large and varying quantities of return flow water picked up by many of these canals.

DRAINAGE

Chart 17 shows the total drainage discharge for Drainage District No. 2 for the season of 1950 and a summary for the same. This drainage district embraces an area of 29,000 acres situated on the north side of

Boise River between the City of Boise and the canyon near Caldwell.

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

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

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

INTERVENORS

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

CHANGES IN POINT OF DIVERSION

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

TRANSFERS

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

STEWART DECREE

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

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

STEWART AND BRYAN DECREES GROUPED BY CANAL HEADINGS

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

BRYAN DECREE

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

WATERSHED

The following is quoted from the 1947 report:

"The question of watershed protection will always be of paramount importance to the waterusers of Boise Valley. It is regrettable, however, that on matters of this kind the people of the valley generally are too much inclined to take the attitude of 'Let George do it'. The preservation and protection of this great natural resource, not only for the benefit of present day waterusers but for generations yet to come, should have the constant attention and consideration of all concerned. It is the opinion of this writer that this resource, which is of such importance

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

SUPPLEMENTAL WATER

Anderson Ranch Dam is completed so far as irrigation is concerned. One unit of the power plant is in operation, and the second unit will probably be in operation by the end of 1951. In all probability the reservoir will be filled in the spring of 1951, and there should be an ample supply of water for all who own storage in Anderson and Arrowrock Reservoirs.

FLOOD CONTROL

The contract for construction of Lucky Peak Dam has been let and the work is progressing rapidly. The diversion tunnel is near enough completed so water will be run through it in the spring of 1951.

A complete survey of the Boise River from Diversion Dam to the mouth was made by the Army Engineers during the summer of 1950. No work has yet started but their plans call for a system of levees to be built almost the entire length of the river.

COST REPORT - 1950

Watermaster Salary	\$4,500.00
Assistant Watermaster Salary	832.00
Car Mileage	757.73
Miscellaneous	766.25
Telephone	56.85
Gage Readings	20.00
Stenographic Services	260.19
Insurance	<u>76.38</u>
Sub-Total	\$7,269.40

SERVICES RENDERED BY THE
BOISE PROJECT BOARD OF CONTROL

Gage Readers, Dowling	\$ 180.00
More's Creek	160.00
Telephone Service to Upper River	270.00
Assistance in Current Meter Work	235.00
Office Work, compiling records of natural flow, etc.	<u>225.00</u>
Total value of services as fixed by Committee	1,070.00
TOTAL COSTS TO WATER DISTRICT 12-A FOR THE YEAR 1950	\$8,339.40

CONCLUSIONS

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

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

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

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

12. That the "Court Orders" under which the Boise River has been operated for approximately 30 years have proven very satisfactory to the Boise Valley as a whole.

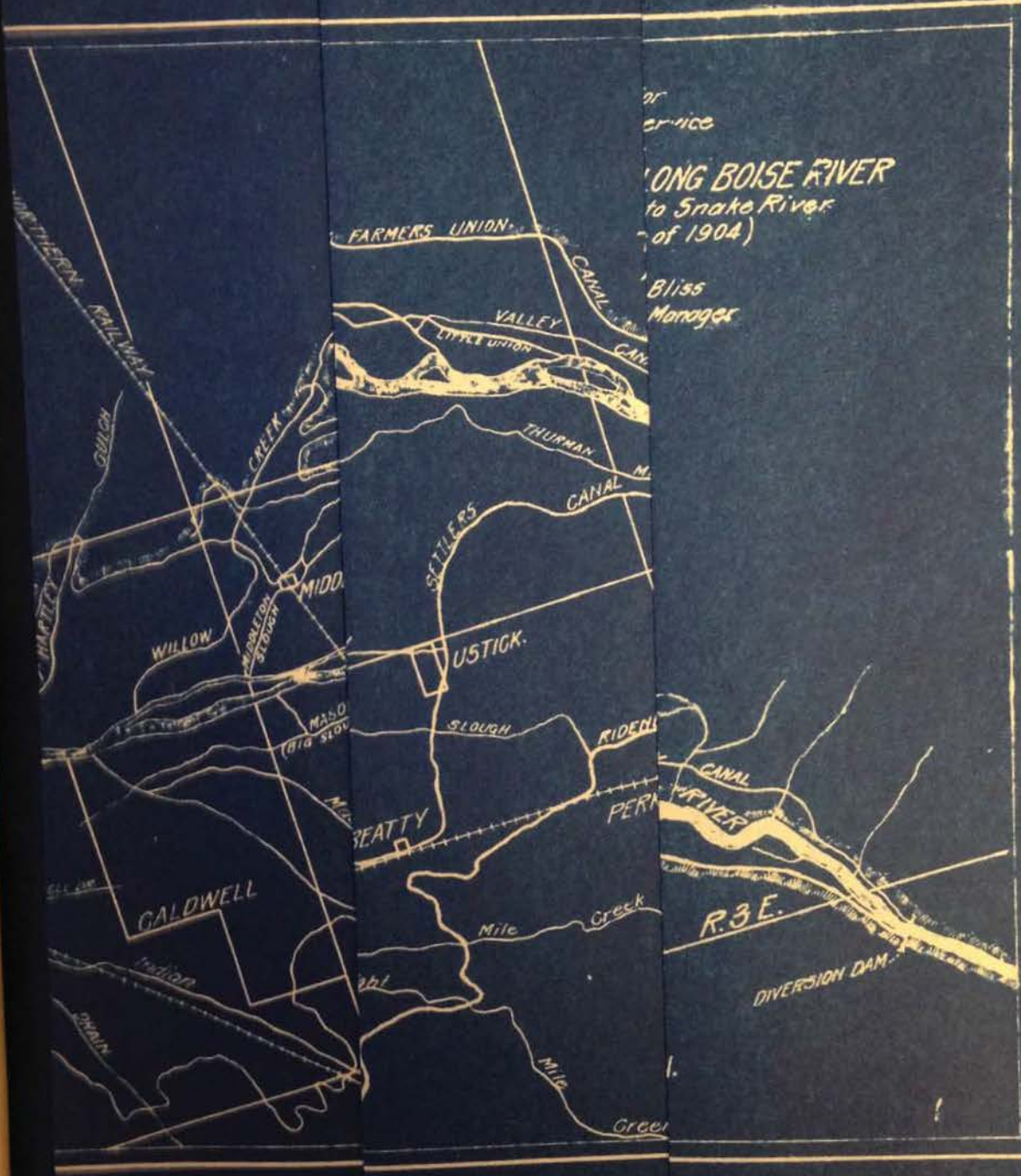
13. That if the so-called "sliding scale" should be fixed by the Court as a permanent duty of water for the Boise Valley, then an exception to said "sliding scale" should be made in the case of certain river bottom lands.

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

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

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

*Bliss
Managers*

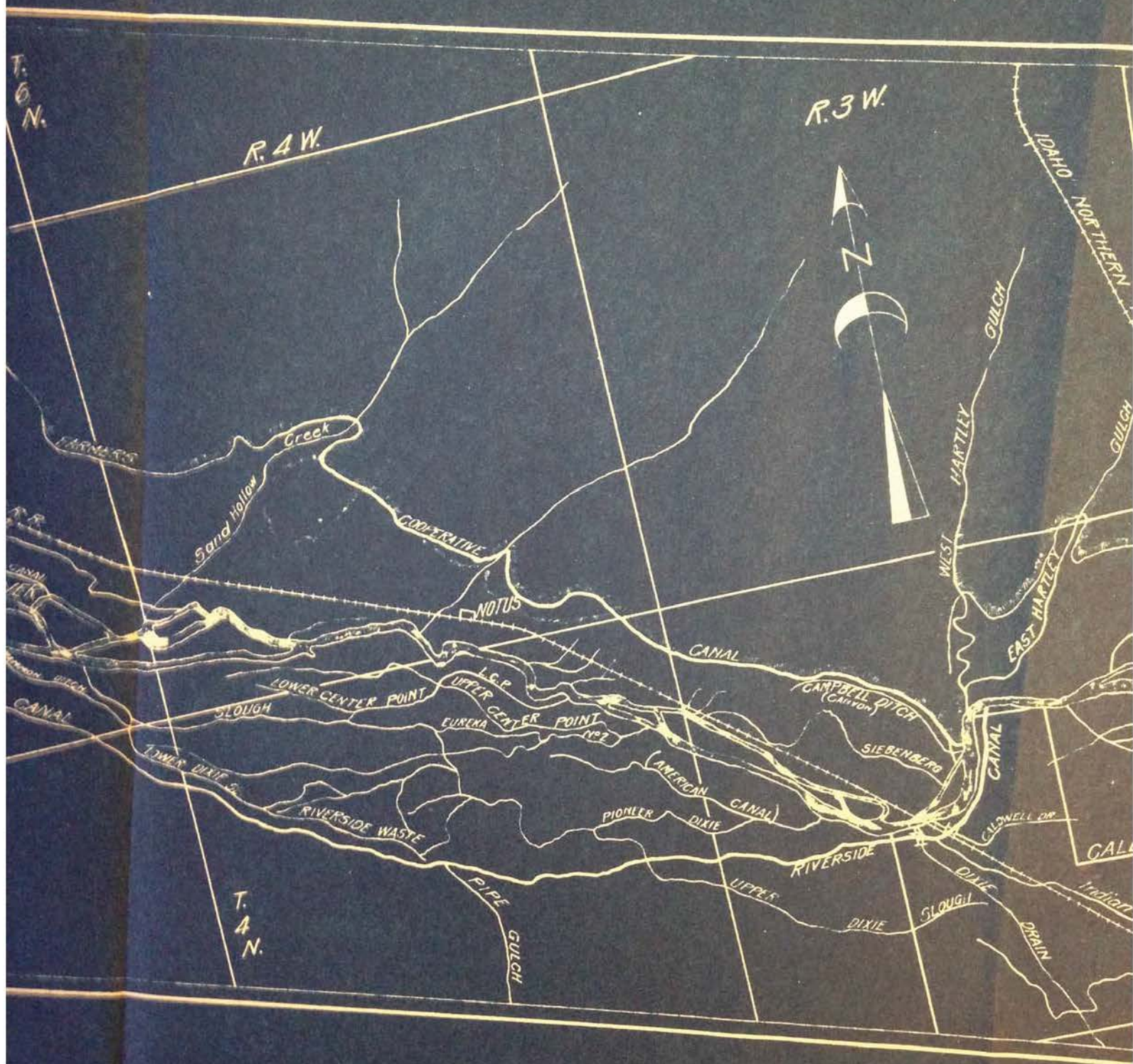


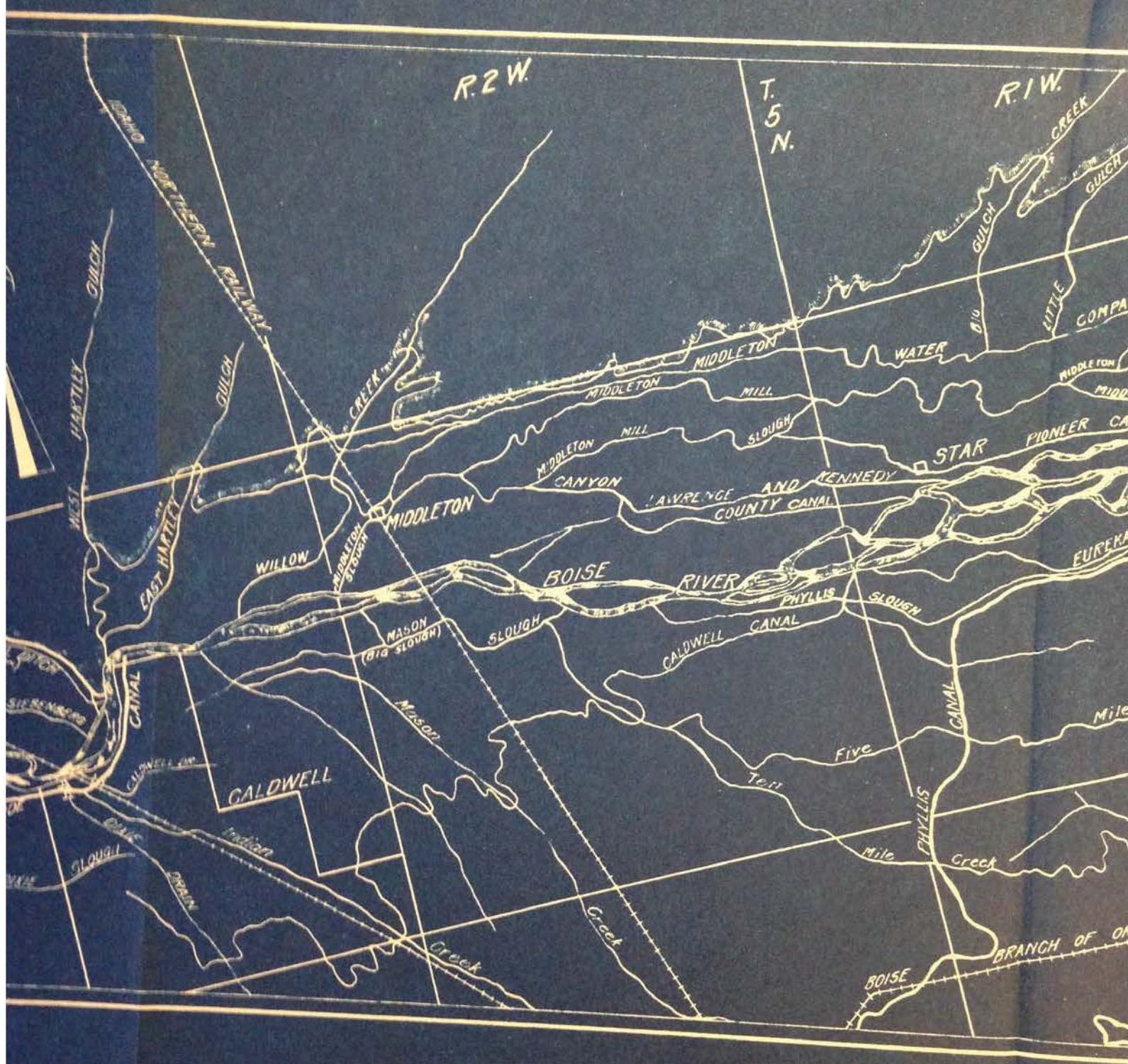
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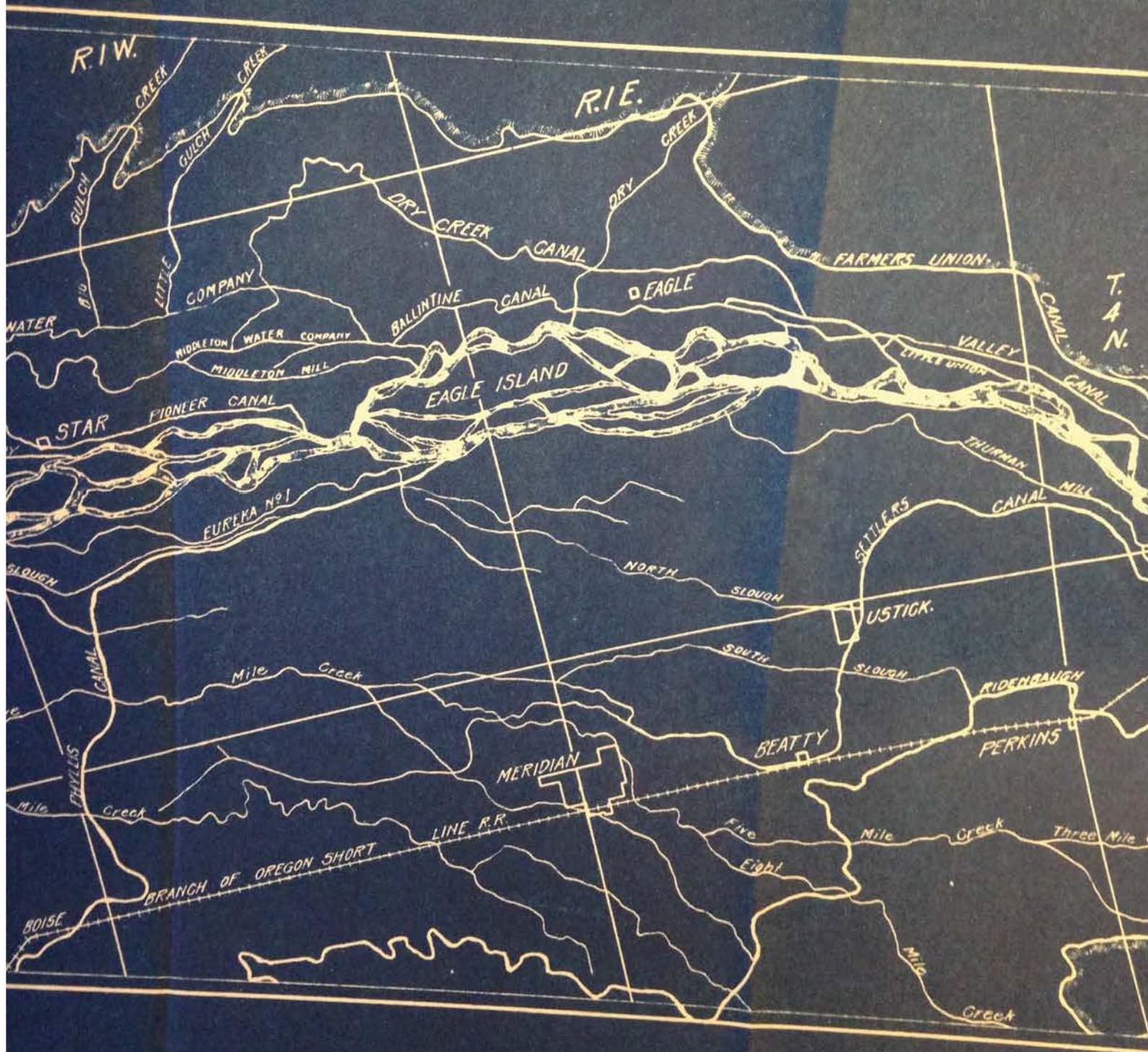
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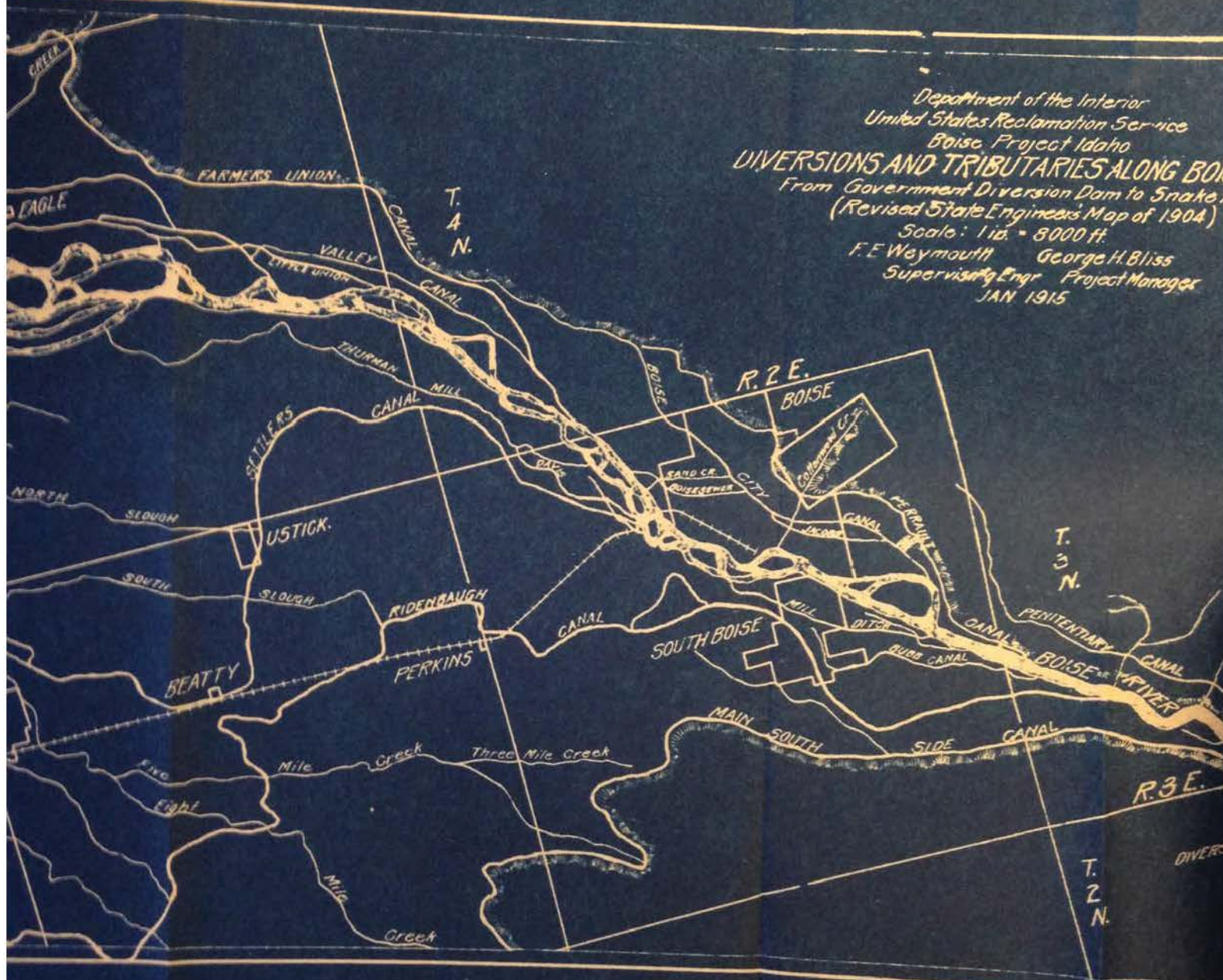
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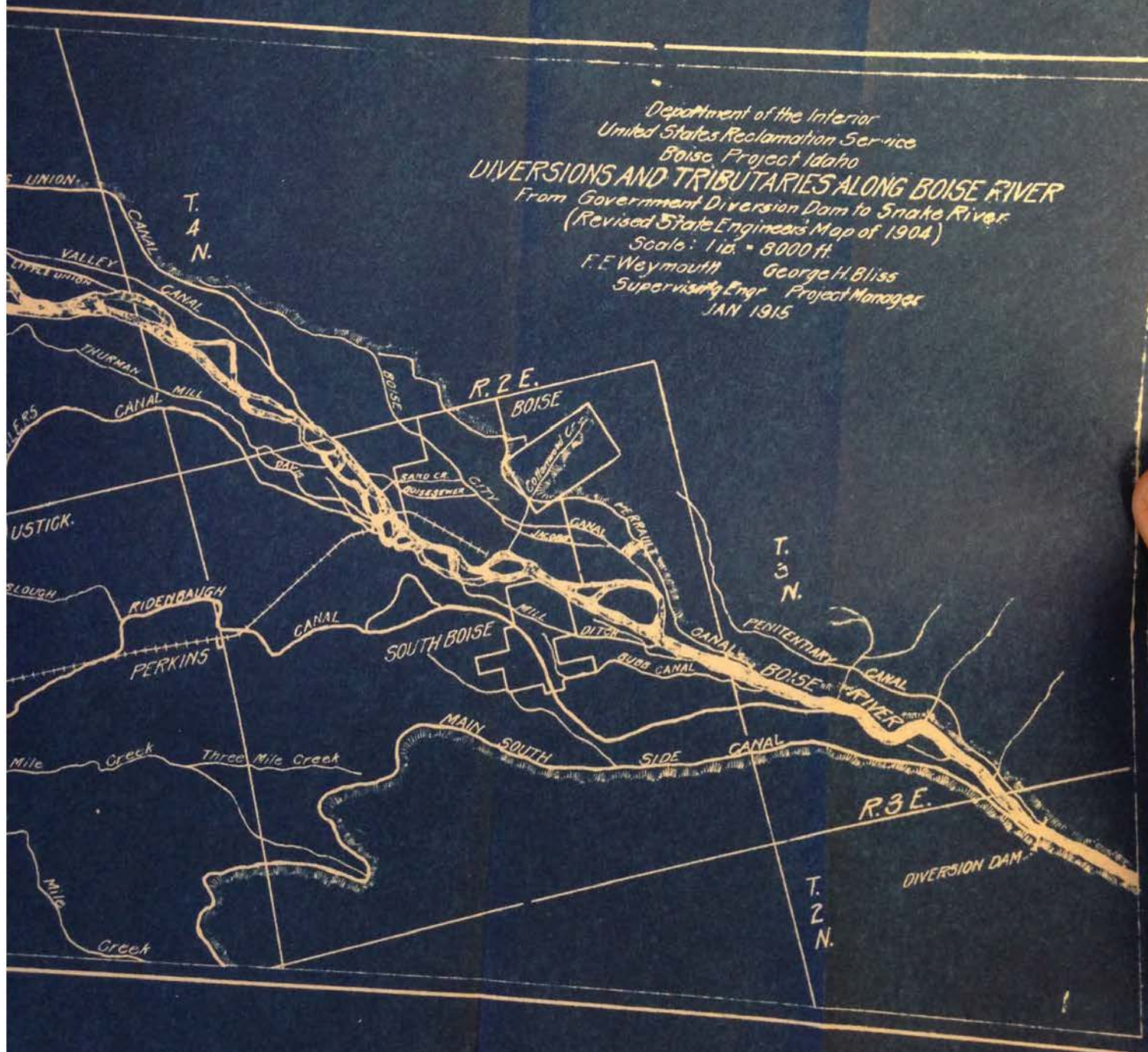
Department of the Interior
 United States Reclamation Service
 Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG BOISE
 From Government Diversion Dam to Snake
 (Revised State Engineers Map of 1904)
 Scale: 1 in. = 8000 ft.
 F.E. Weymouth George H. Bliss
 Supervising Engr Project Manager
 JAN 1915



Boise Project Idaho
DIVERSIONS AND TRIBUTARIES ALONG BOISE RIVER
From Government Diversion Dam to Snake River

Scale: 1 in. = 8000 ft.

JAN 1915



1286-9

Year	1	2	3	4	5	6	7	8	9	10	11	12
1895	1470	1410	1280	1320	1330	1240	1180	980	1100	1240	1280	1330
1896	950	1070	720	720	720	720	720	950	950	950	950	1070
1897	1070	1010	1010	950	950	890	890	950	950	1010	890	830
1898			650			550				550		
1899	2580	2580	2580	2580	2580	2780	2780	2780	2780	2780	2780	2780
1900	1570	1680	1680	1570	1680	1680	1680	1570	1360	1360	1570	1910
1901	1200	1200	1350	1310	1370	1510	1390	1350	1350	1350	1270	1270
1902	1120	1270	1190	1140	1080	1120	1120	1140	1120	1040	900	865
1903	1280	1070	945	1040	945	945	945	945	945	945	1080	752
1904												
1905												
1906	700	700	675	700	750	880	750	750	750	810	880	880
1907												
1908	1180	1100	1100	1070	1040	965	900	965	1140	1070	1040	1140
1909	790	980	1100	1220	1220	1140	1140	1140	1310	1140	1060	1020
1910												
1911	870	750	940	1105	1035	1035	1070	1140	1140	1140	1070	1008
1912	990	940	1020	1020	1020	1260	1230	1160	1230	1230	1230	1100
1913												
1914	1080	1150	1220	1220	1220	1220	1220	1220	1080	950	824	824
1915	930	1050	1050	1050	1050	990	990	930	990	930	990	930
1916	715	736	763	760	746	744	740	763	766	763	736	754
1917	679	891	1006	991	936	984	1253	888	715	811	740	769
1918	5248	4046	3033	2462	2244	2153	2078	1964	1826	1738	1428	1419
1919	5569	605	555	535	620	680	740	659	669	674	684	727
1920	883	863	815	737	728	696	784	787	797	698	674	657
1921	2600	2129	3154	2307	2458	2330	2279	1751	1540	1545	1393	1217
1922	972	1280	1255	1111	921	1046	990	1178	1092	983	905	694
1923	1078	765	869	855	944	1028	1426	1538	1390	1317	1210	1155
1924	764	675	659	789	609	484	600	824	945	1248	949	899
1925	923	783	724	782	772	794	837	867	667	714	715	629
1926	604	574	823	866	850	889	940	830	756	688	802	772
1927	1026	1079	1033	1317	1062	1115	1193	1121	941	762	704	1179
1928	791	1142	1433	1510	1566	1590	1368	1230	991	1423	1419	1298
1929	739	620	945	917	692	567	560	721	690	726	811	793
1930	938	842	835	777	762	830	742	440	446	731	771	805
1931	599	872	737	745	797	713	807	686	637	623	750	810
1932	567	678	656	697	617	622	689	687	683	707	734	731
1933	732	661	708	663	697	678	665	744	790	771	690	652
1934	1326	1219	1372	1537	1498	1238	1104	773	834	977	908	1020
1935	984	623	583	660	969	1010	1040	1018	954	966	807	944
1936	702	741	866	831	928	706	657	848	766	835	797	993
1937	345	483	532	584	619	717	699	459	398	483	563	613
1938	875	975	1135	945	734	735	735	734	904	804	989	999
1939	1221	925	1026	1014	1304	1021	812	686	481	822	794	691
1940	950	1031	1446	1447	1220	1014	864	660	872	1004	1128	849

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

11	12	13	14	15	16	17	18	19	20	21	22	23
280	1330	1510	1650	1490	1450	1430	1370	1330	1280	1240	1220	1240
950	1070	950	720	720	620	1010	1280	1350	1430	1870	1870	1870
890	830	720	620	620	620	570	570	570	720	830	830	950
		550				550			550			
780	2780	2780	2780	2980	2980	2980	2980	2980	2980	2980	2980	2780
570	1910	1910	2480	4120	3910	3520	2810	2330	2260	2180	2040	2040
270	1270	1270	1350	1430	1270	1270	1200	1200	1270	1310	1350	1310
900	865	830	900	900	1000	1080	1120	1080	1040	1000	970	900
1080	752	500	500	570	640	678	715	790	1020	1950	1680	1380
880	880	810	810	810	810	810	1060	960	880	810	960	880
1040	1140	1070	1180	1240	1100	1100	1070	1070	1240	1140	1070	930
1060	1020	1020	1220	1490	3030	2610	3090	3990	5460	5780	5460	4060
1070	1000	1000	1000	965	870	810	870	1140	1210	810	700	700
1250	1100	1100	1230	1380	1640	1660	1460	1420	1340	1230	1230	1200
824	824	950	1150	1150	1080	1080	1220	1150	1080	1150	1220	1220
990	930	930	930	900	990	900	930	930	930	930	930	930
736	754	764	759	717	723	719	733	746	745	918	1067	973
740	769	677	662	603	595	498	590	498	590	590	682	780
1428	1419	1445	1621	1583	1527	1450	1480	1517	1437	1360	1207	1145
684	727	798	820	801	787	929	1109	1118	1073	1011	1028	1116
674	657	651	692	747	880	1047	1096	1083	1014	1012	934	901
1393	1217	1155	1048	1819	1935	1700	1477	2586	2347	2032	1360	1520
905	694	797	927	802	728	1028	1028	802	878	908	1078	999
1210	1155	897	938	1020	919	934	991	987	933	859	865	777
949	899	661	662	673	883	881	843	761	698	675	670	683
715	629	716	575	625	601	652	656	816	669	719	737	768
802	772	740	692	776	801	902	862	760	738	739	711	697
704	1179	1334	1066	1052	1085	1223	1051	1069	1075	776	611	701
1419	1298	1745	1882	2109	1887	1228	1224	1205	1725	2232	1734	1490
811	793	588	977	787	852	785	854	789	791	730	695	765
771	805	859	779	706	804	604	559	645	605	587	683	589
750	810	745	660	541	794	759	652	648	534	592	650	897
734	731	644	446	481	501	645	727	771	743	620	578	526
690	652	635	677	654	636	831	653	735	752	747	721	735
908	1020	817	930	1026	957	867	871	833	861	887	1021	1159
807	944	930	705	861	887	1228	492	739	717	506	667	848
797	993	1029	801	922	782	798	811	718	737	805	695	613
563	613	633	608	709	684	697	692	717	679	629	449	549
989	999	1074	914	1075	1325	1310	1220	1240	1225	1060	1250	1568
794	691	791	791	790	786	786	804	931	835	839	825	493
1128	849	749	740	673	670	697	857	784	660	857	630	699

JANUARY

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	
2280	2280	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
520	578	526	480	587	486	560	676	683	636	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	1258	1358	1255	33,746
839	829	493	481	818	813	743	1066	1058	848	823	26,118
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	1
1896	1590	1550	1350	1070	1070	950	950	1070	1070	1070	1010	1070	1
1897	1010	950	850	850	1010	1070	1010	1350	1350	1210	1140	1140	1
1898			550				550			1060			
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	1580	1580	1
1900	1780	1790	1790	1790	1680	1520	1570	1570	1680	1570	1460	1460	1
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	1200	1270	12
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	1900	1800	15
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	1110	945	8
1904													
1905													
1906	810	780	780	810	750	780	780	810	810	810	810	880	92
1907								5540	3540	3420	3060	2950	290
1908			1240	1240	1180	1100	1100	1070	1070	1040	1000	1000	930
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	1440	1580	1960
1910													
1911	2450	2340	1680	1600	1740	1640	1370	1300	1250	1325	1410	1325	1370
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550	1380	1340
1913													
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220	1080	1080
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990	930	930
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206	1182	1106
1917	684	684	690	690	880	800	783	793	783	698	695	948	857
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1355	1488	1493
1919	697	732	802	835	811	814	832	855	858	847	1062	1351	1356
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021	976	1041
1921	1453	1262	1416	1230	1257	1178	1208	1139	1239	1270	1485	1215	1680
1922	973	788	788	787	872	794	952	1152	1383	1197	1110	1014	889
1923	678	629	730	781	841	781	584	817	982	861	932	671	759
1924	838	983	1066	962	985	981	1008	2050	2445	1966	1336	1107	1507
1925	1023	1213	2195	2895	5775	5859	5769	5846	2972	2088	1758	1638	1637
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497	1354	1252
1927	1047	1164	1449	1826	1934	1999	1754	1564	1607	933	1911	1060	1234
1928	1236	1297	1434	1464	1326	1591	1612	1577	1291	1447	1549	1324	1166
1929	762	1172	1146	932	1112	1097	867	614	614	705	737	508	750
1930	846	823	852	924	760	846	847	1094	1087	975	1055	971	969
1931	752	761	761	765	792	855	850	782	466	772	836	837	688
1932	646	600	801	529	492	498	659	655	683	810	653	569	549
1933	697	770	755	638	584	708	677	692	593	585	655	788	781
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506	1465	1324
1935	828	868	945	933	970	1076	1156	1257	1038	744	924	917	918
1936	524	657	606	689	787	661	686	598	557	557	708	728	1003
1937	700	730	674	796	723	654	682	678	678	671	723	723	670
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1159	1412	1505	1707
1939	699	591	609	860	885	895	1003	785	775	764	793	1045	811
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439	1273	987

FEBRUARY

	12	13	14	15	16	17	18	19	20	21	22	23
00	1010	1100	1180	1070	1100	1180	1210	1180	1220	1210	1210	1290
10	1070	1070	1010	1070	1070	1010	1010	1070	1070	1070	1140	1140
40	1140	1070	1070	1070	1070	1010	950	950	890	830	890	890
			1230			1750				1400		
00	1580	1580	1340	1460	1460	1580	1580	1580	1580	1460	1460	1340
60	1460	1460	1460	1460	1460	1360	1460	1460	1460	1680	2480	2330
00	1270	1270	1240	1350	2430	2120	1870	2180	2180	2020	1820	1970
00	1800	1560	1350	1510	1270	1350	1440	1390	1350	1270	1270	1270
10	945	865	1020	790	945	1110	1020	1020	1020	1020	1110	1110
10	880	920	960	1010	1160	1240	1280	1330	1310	1280	1310	1280
60	2950	2900	2840	2900	2900	2950	2900	2900	2840	2900	2840	2900
00	1000	930	950	965	1070	1040	1040	965	1000	965	1000	1040
40	1580	1960	1760	1760	2160	3400	2970	2610	2550	2580	2060	2060
10	1325	1370	1230	1170	1140	1060	1230	1230	1230	1140	1110	1170
50	1580	1340	1300	1260	1300	1460	1880	1780	1550	1460	1420	1460
20	1080	1080	1080	1080	950	1020	1220	1220	1300	1530	2190	2300
90	930	930	820	730	820	930	1050	1110	1110	1050	1050	1104
06	1182	1106	1066	1057	1074	1109	1111	1159	1158	1164	1185	1223
98	948	857	857	857	765	800	972	923	917	825	834	937
68	1488	1493	1583	1534	1477	1432	1382	1486	1417	1449	1345	1366
62	1381	1356	1203	938	927	995	992	973	943	930	908	943
21	976	1041	999	977	1017	1073	1130	1099	1102	1160	1176	1147
85	1215	1680	1900	2044	2933	2414	1311	1236	1463	1500	2195	2204
10	1014	889	731	570	753	1023	1101	1280	1233	1115	865	715
32	671	769	772	873	928	761	934	831	936	1022	1041	1067
36	1107	1507	1222	1178	1282	1356	1334	1266	1242	1164	1145	1314
68	1638	1637	1778	1775	1608	1581	1443	1443	1558	1677	1938	1820
97	1354	1252	1056	1033	1017	1000	1031	1004	1020	1020	1000	992
11	1060	1234	1243	1258	1150	1318	1204	1481	1789	3015	4104	3488
49	1324	1166	1475	1166	924	1188	1192	1442	1452	1595	1426	1407
37	508	750	794	823	866	845	996	1049	1078	1044	931	754
55	971	969	881	1543	1488	1268	1405	1290	1163	1767	1455	1715
36	837	688	630	862	890	887	974	925	908	1005	832	856
53	569	549	436	431	543	466	468	489	534	496	666	672
55	788	781	713	770	940	702	768	777	769	763	769	800
506	1465	1324	1322	1316	1384	1463	1445	1314	1192	1595	1550	1190
224	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	736	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

21	22	23	24	25	26	27	28	29	30	31	Total
1210	1210	1290	1350	1390	1430	1450	1450				
1070	1140	1140	1140	1210	1210	1280	1770	1870			
830	890	890	890	830	770	770	830				
1400				1400			1750				
1460	1460	1340	1220	1220	1340	1460	1460				
1680	2480	2330	2180	2040	2180	2040	2040				
2020	1820	1970	1870	2070	1970	4160	4380				
1270	1270	1270	2880	2460	2220	2110	1800				
1020	1110	1110	1110	1110	1020	1110	1110				
1280	1310	1280	1200	1160	1160	1110	1500				
2900	2840	2900	3060	3180	3420	4060	4150				
965	1000	1040	1140	1180	1210	1240	1320	1360			
2580	2060	2060	2160	2160	2110	2060	2110				
1140	1110	1170	1140	1170	1170	1140	1060				
1460	1420	1460	1380	1160	1160	1260	1250	1080			
1530	2190	2300	2140	1980	1880	1700	1790				
1050	1050	1104	995	1070	1076	1036	1112				
1164	1185	1223	1224	1222	1212	1248	1228	1160			
825	834	937	869	1096	1022	1156	1035				
1449	1345	1366	1431	1429	1418	1401	1401				
930	908	943	939	916	901	975	1087				
1160	1176	1147	1093	1050	971	938	936	927			
1500	2195	2204	2560	2090	1800	1985	2260				
1115	865	715	850	869	951	1019	716				
1022	1041	1067	1290	1263	1280	1183	1233				
1164	1145	1314	1018	1072	1120	1290	1121	1165			
1677	1938	1820	2302	2132	2024	1840	1906				
1020	1000	992	1063	1072	1020	1059	1032				
5015	4104	3488	2949	2719	2850	2576	2702				
1593	1426	1407	1407	1410	1380	1364	1264	1273			39,677
1044	931	754	1050	911	837	998	870				24,860
1767	1455	1715	1487	1282	1275	1175	1171				32,194
1005	832	856	706	805	788	835	829				22,649
496	666	672	614	644	670	814	1052	1239			18,370
763	769	900	767	746	744	752	765				20,568
1595	1550	1190	1479	1327	1398	1407	1550				39,474
1119	1101	1043	1039	1036	920	1006	1037				27,168
843	1137	1170	1102	1087	947	857	942	947			23,678
578	612	858	758	797	801	781	962				20,864
1437	1108	1207	1207	1102	1219	1366	1424				35,783
762	883	871	968	998	1094	897	841				23,585
818	837	949	1051	1048	1246	2085	4011	4878			37,862

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	1640	1610
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	1280	1280
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	1010	890
1898	1750	1920	1920	1920	2250	2430	2430	2260	2260	2430	2770	2600
1899	1580	1580	1580	1580	1460	1450	1460	1460	1340	1340	1340	1400
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	4810	5990
1901	3930	4600	4270	3930	3060	2880	3260	3260	2880	2720	2640	2430
1902	1700	1610	1520	1480	1440	1440	1440	1440	1440	2410	1420	1390
1903	1110	1150	1200	1200	1200	1110	1090	1020	1020	1110	1200	1200
1904	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	5320	4890
1905												
1906	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1430	1390
1907	3670	3060	3060	3000	2950	4550	4340	4480	4410	4200	4060	3930
1908	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1070	1210
1909	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2550	2610
1910	3360	5500	6700	6700	7170	6850	6550	6700	6700	6700	6850	7170
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	1495	1540
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	1230	1230
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	2140	2140
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	3220	3300
1915	1062	992	998	1060	1019	1009	1000	936	962	956	1095	1195
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	2600	3064
1917	1038	913	914	1006	1036	916	997	990	987	944	904	944
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	1700	1645
1919	1186	1278	1385	1290	1154	1178	1171	1163	1016	948	967	1069
1920	911	1059	1097	1107	1206	1059	1128	1022	1080	1171	1260	1257
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	3795	4010
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	889	917
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1003	962	1182
1924	1117	952	1202	1267	1155	1101	1113	1150	1093	1008	1106	1179
1925	1710	1562	1671	1765	1930	2758	3451	3358	2995	2556	2114	2019
1926	1202	1300	1387	1487	1786	1725	1529	1619	1608	1688	1803	1666
1927	2525	2255	2511	2289	3068	3019	3376	3240	3108	3075	2642	2793
1928	1167	1286	1049	1415	1375	1375	1157	1674	1888	2664	3047	5304
1929	771	936	822	950	1060	1055	1219	1245	1350	1272	2102	1527
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045	1117
1931	678	658	830	917	858	866	863	725	836	964	906	1008
1932	1428	1349	1203	1001	797	936	968	772	612	587	523	425
1933	818	792	761	748	752	687	696	700	731	826	824	836
1934	1277	1437	1573	1798	1855	1797	1802	1685	1658	1644	1619	1770
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847	1094
1936	1060	1113	1325	1444	1573	1415	1504	1561	1549	1628	1656	1581
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089	1490
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239	2307
1939	840	775	908	1023	1004	1017	906	878	986	869	1097	1130
1940	4175	3300	2919	2488	2269	2210	1929	2065	2602	2525	2309	2061

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
280	1280	1350	1350	1350	1350	1280	1350	1350	1590	2430	2970	3120
010	890	770	890	890	890	1090	1070	1010	950	950	1010	1210
770	2600	2430	1920	2090	1920	1750	1750	1750	1750	1920	1750	1580
340	1400	1400	1340	1340	1340	1340	1580	1940	2060	2060	1820	1820
810	5990	5990	5860	5860	6120	6120	6390	6390	6120	6120	6120	6660
640	2430	2180	2180	2180	2180	2570	2570	2570	2720	2880	3930	3480
420	1390	1390	1350	1350	1350	1350	1350	1350	1350	1440	1440	1440
200	1200	1380	1470	1570	1570	1570	1570	1620	1680	1680	1900	2010
320	4890	4480	4090	3900	3540	3720	3900	4890	4680	4380	4000	3900
							1930	1850	1660	1630	1630	1630
430	1390	1350	1280	1160	880	750	810	880	1060	1160	1240	1350
060	3930	3740	3480	3540	3670	3540	6220	10600	10800	11300	9990	8630
070	1210	1360	1560	2780	3950	3810	4940	4100	5270	3020	2840	2780
560	2610	2610	2850	3210	3780	4130	4130	3990	4130	3850	3850	4060
850	7170	7490	8450	8770	9250	9890	10400	11800	15200	15600	16600	16100
495	1540	1540	1640	1895	2170	2555	2670	2980	3370	3910	4200	4800
230	1230	1230	1340	1380	1500	1460	1420	1380	1380	1290	1300	1420
140	2140	1840	1670	1500	1500	1500	1670	1670	1500	1340	1420	1340
220	3308	3520	3750	3830	4340	4730	5120	5530	5180	5120	4780	4730
093	1195	1186	1224	1206	1295	1379	1285	1540	1669	1546	1951	2183
600	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
700	1645	1744	1699	1758	2397	2209	2118	2637	2705	3355	3813	4013
967	1069	1080	1063	1035	1123	1195	1138	1135	1280	1488	1788	1819
260	1257	1293	1490	1569	1470	1534	1444	1393	1342	1443	1808	2109
7755	4010	4085	3895	4426	4168	4590	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	3155	2939	2805	2769	2811	3040
2642	2793	2492	3090	3901	3343	2755	3078	2766	2728	2486	2462	2777
3047	5304	4629	3924	3468	3168	3096	3370	3742	4360	5018	6156	8715
2102	1527	1838	1683	1582	1634	1720	1856	1860	1920	2042	3083	2768
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	2838
523	425	1519	1359	1478	1633	1501	1836	4216	8578	6327	3770	2934
824	836	1117	1090	1002	1074	1221	1313	1257	1273	1335	1141	1098
1619	1770	1257	2141	2312	2658	2822	2573	2354	2330	2320	2466	2662
847	1094	1118	1364	1774	1797	1687	1388	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	4466
2309	2061	1760	1737	1933	1711	1738	1859	2078	2107	2227	2467	2746

Chart 2B

21	22	23	24	25	26	27	28	29	30	31	TOTAL
1390	1390	1390	1430	1550	1740	2060	3000	3430	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	5330	5330	5060	5060	
2880	3930	3480	3060	3060	2640	2570	2430	2240	2180	2180	
1440	1440	1440	1440	1440	1440	1480	1440	1440	1440	1440	
1680	1900	2010	2400	3340	3520	4100	4750	5970	7900	8070	
4380	4000	3900	3540	3460	3210	3290	3050	4680	4680	4090	
1630	1630	1630	1640	1640	1940	2090	1860	1860	1820	1650	
1160	1240	1350	1490	2250	2840	3180	3180	3360	3480	4130	
11300	9990	8630	7910	7430	6740	6300	6070	5920	5770	5700	
3020	2840	2780	2900	3200	3020	2960	2720	2560	3020	2620	
3850	3850	4060	4130	4550	4840	3780	6280	6700	6450	6620	
15600	16600	16100	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	
1340	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	966	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	
4561	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	8359	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	5363	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	4573
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	5282	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

	12	13	14	15	16	17	18	19	20	21	22	23
0	3240	3510	3680	3850	4020	4200	4370	4510	4680	4890	4470	4890
0	3930	6810	11000	7150	6190	5910	4890	4470	3930	3760	4890	5130
0	6490	7880	8660	14300	19000	26200	27000	29500				
0	2600	3800	5170	5510	6020	6360	6360	5510	5510	5680	5580	5680
0	8320	8140	7450	7300	10170	8500	8690	7000	6700	6700	7960	10910
0	6390	7180	6120	5600	6120	5860	6120	6120	6120	6120	6120	6120
0	4380	5050	5720	5500	5050	5280	5500	6170	6840	6840	7180	7740
0	2660	2660	2590	2730	3740	4160	5500	5950	6400	5500	5050	4600
0	5710	4980	5220	5340	5710	6240	6520	6660	6810	7740	11500	11000
0	13700	15500	18000	19700	17800	16400	15400	17200	18000	15400	12200	10100
0	2470	2570	2490	2490	2660	2820	2710	2980	3380	3380	3320	3540
0	4620	4760	4830	5470	6070	6300	6370	6440	6520	7430	8070	8550
0	13680	14600	15600	17000	16000	14500	13600	12300	11300	11400	11400	12500
0	6780	8670	7950	7770	8760	8040	7950	8850	9600	10100	10600	9900
50	6450	7150	8000	8450	9000	9150	9150	9050	8750	8450	8000	8200
00	12000	11800	11200	10500	10000	10000	10000	10200	10800	10500	10400	10500
50	4280	4120	3890	3780	3630	3750	4300	4430	4410	4250	4280	4620
70	7360	6560	5780	5600	5280	5240	5530	5350	5240	4970	4970	4800
80	5980	6980	7710	8310	7440	6900	7490	7910	7520	8100	8670	7650
00	8100	8510	8750	9650	11300	10100	9250	8870	8800	8900	9490	9590
99	2997	3574	3719	3501	3663	4073	4056	4108	4130	4300	4090	3728
61	11644	10351	10410	10620	10490	9840	9550	8500	7540	7470	7660	7490
81	4131	6451	4496	3948	3509	3093	2976	2850	3091	3701	5092	5900
036	7100	6877	6838	6577	6063	5537	5144	3862	4145	4422	4966	5569
467	4513	4483	4467	4267	4022	4083	4226	5155	5903	6490	6946	7273
602	3889	4069	4230	4214	4248	3943	3558	3452	3535	3694	3728	3664
514	5327	7017	8340	7536	6812	6002	6002	6172	6725	7155	7138	7674
028	3849	3758	3457	3506	3305	2840	2585	2630	3265	3935	5425	7240
874	5255	4705	4777	4548	4905	6311	6805	6347	6092	5045	4455	3962
762	2722	2699	3378	3415	2745	2250	2191	2015	2144	2124	2476	2907
355	13050	14200	12950	11335	11440	11755	12275	10665	8930	7786	7050	6760
319	3344	3483	4083	4321	4867	5381	5802	5848	6001	5863	5023	4796
742	4570	3980	4118	4603	4980	4956	5073	4648	4734	4200	4305	4219
737	4216	3607	3977	3797	4053	4198	4445	4659	4221	4380	4232	3978
726	1701	1558	1562	2046	2219	2552	3065	3471	4107	4235	3966	3860
685	5631	5525	5481	5290	4418	3885	3774	3343	3400	4141	4781	5185
072	3206	3540	3326	3143	2972	3083	3119	3354	2833	3070	2981	2784
1576	5694	7652	8697	9076	8305	8060	6727	6413	6664	6338	5443	4868
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	4838
4198	4443	4871	5695	6446	8138	7767	6191	5524	6063	7305	8311	7747
4529	6748	8620	10535	11125	13522	12154	15960	18600	18270	17980	17140	18345
1960	1988	2287	4490	5662	7167	5220	4422	3785	3810	4022	4497	3958
5365	5802	6088	6436	6674	7394	7848	8938	12800	14070	12825	12541	13191
4823	4697	4700	4359	4117	3946	4252	4451	4701	5133	5708	6149	6521
4623	4422	4762	5769	6669	6698	6023	5786	5661	6661	6781	6276	5848

Chart 2C

20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
4680	4890	4470	4890	5380	5910	6810	6490	6840	6220	6490		
3930	3760	4890	5130	5130	5910	7150	5640	5380	5640	5130		
5510	5680	5580	5680	5680	5850	6540	6540	6540	6360	6190		
6700	6700	7960	10910	13130	11280	11650	9060	7960	7300	6700		
6120	6120	6120	6120	6120	6120	5860	5860	5860	5860	6120		
6840	6840	7180	7740	8640	7850	8080	7290	7070	7520	8410		
6400	5500	5050	4600	4160	3840	3940	3940	3740	3550	3740		
6810	7740	11500	11000	11500	12100	13300	12700	10500	8410	8070		
8000	15400	12200	10100	9120	9120	11100	13600	11800	11100	10600		
3380	3380	3320	3540	3540	3950	4410	4570	4070	3760	3590		
6520	7430	8070	8550	7830	7430	6520	6300	6220	6520	6600		
1300	11400	11400	12500	12500	12500	12100	11900	11500	11300	11300		
9600	10100	10600	9900	8940	7940	7590	7140	6690	6510	6690		
8750	8450	8000	8200	8350	8000	9400	10500	10200	9000	7460		
10800	10500	10400	10500	10500	11000	11300	11500	11300	11000	10200		
4410	4250	4280	4620	5330	6500	8200	8500	8300	7640	7300		
5240	4970	4970	4800	4900	5780	5760	5740	6000	6440	8450		
7520	8100	8670	7650	6790	6430	7140	7870	8290	7430	6730		
8800	8900	9490	9590	9360	9300	7970	8070	7840	7630	6620		
4130	4300	4090	3728	3387	3212	3296	3292	3357	3493	3743		
7540	7470	7660	7490	9450	11390	13460	14960	14020	12050	10430		
3091	3701	5092	5900	7547	8193	9086	9314	9990	7615	6699		
4145	4422	4966	5569	6797	7647	7167	6552	6124	5937	5984		
5903	6490	6946	7273	8021	9470	10433	10516	10355	10215	9956		
3535	3694	3728	3664	3246	2931	2893	3152	3518	4078	4608		
6725	7155	7138	7674	8104	7287	6587	5830	6050	6402	7250		
3265	3935	5425	7240	8120	8815	8870	9270	9976	10412	9160		
6092	5045	4455	3962	3538	2938	3222	3601	4610	5280	5760		
2144	2124	2476	2907	3094	2821	2761	2548	2741	2873	3123		
8930	7786	7050	6760	5857	5666	5365	5140	5220	5640	6000		
6001	5863	5023	4796	4214	3991	4071	4313	4525	4919	5103		
4734	4200	4305	4219	4865	6872	10092	13778	14531	14795	14870		
4221	4380	4232	3978	4641	5988	6929	10105	11480	10460	9717		158,406
4107	4235	3966	3860	4207	4109	4013	4434	4832	5308	5506		89,547
3400	4141	4781	5185	6194	5909	5666	4546	4786	4674	3349		137,089
2833	3070	2981	2784	3070	2662	2521	2502	2601	2746	3367		88,586
6664	6338	5443	4868	4325	4181	4438	5337	5997	6088	6507		168,003
3663	4220	4186	4820	5649	6315	7220	8267	9084	9592	9602		119,671
3958	4144	4688	4838	5446	4520	4964	4277	3896	3826	3677		124,824
6063	7305	8311	7747	6145	5407	5092	5495	6314	6208	6221		149,729
18270	17980	17140	18345	19790	17200	25155	13250	11980	20965	10250		288,797
3810	4022	4497	3958	3501	3206	3345	4635	5338	4678	3803		103,679
14070	12825	12541	13191	13278	12122	14180	14188	13469	13329	15202		252,550
5133	5708	6149	6521	6366	6153	5456	5092	5044	5579	7046		164,459
6661	6781	6276	5848	5853	5685	5717	6531	6620	6097	5647		177,921

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	6810	6190	7150	7510	6490	7880	7510	7150	6810	6190	5640	5640
1896	5640	4890	5640	7880	7880	6490	6810	7151	6490	5910	6190	5910
1897												
1898	6190	6020	6020	5510	4650	4310	4480	4480	4480	4820	4820	4820
1899	6120	5300	5060	4820	5300	5850	9060	9800	13500	19000	17200	14200
1900	6390	6660	6920	7450	7450	8780	9300	10100	10400	11400	11960	11960
1901	8860	10200	9640	10200	11100	10400	10200	9980	10300	10700	11200	11300
1902	3740	3550	3190	3190	3190	3550	3940	6170	6840	6400	6400	6840
1903	7740	7420	7420	8410	9150	10000	10000	10000	9560	9560	9560	9560
1904	10100	10100	11500	12800	12200	12300	12200	11800	11800	12300	12300	12800
1905	3350	3470	3590	3490	3260	3100	3080	5120	3510	3350	2980	2900
1906	6820	6970	7430	8070	7430	7200	7040	7350	7510	8150	8310	8710
1907	10800	10800	10800	10900	10900	10900	11300	11700	11900	12100	12500	11200
1908	7410	8040	7590	8040	7590	8220	9220	9800	9030	8150	6870	6340
1909	7460	7630	8900	10500	12400	11600	10800	10500	10200	10200	9000	8200
1910	9250	8610	7650	7650	7170	6700	6850	7490	8450	10200	10000	8990
1911	7120	7250	8020	8950	10500	10800	9830	9170	8830	7820	7650	7560
1912	7460	6960	6500	6500	6500	8610	7650	8610	10200	11200	11700	11600
1913	6070	5560	5050	4900	5200	7010	8770	10400	11500	12100	10600	10000
1914	6420	7440	8370	9300	9440	7970	8100	8720	9330	9780	10200	10100
1915	4026	3604	3305	3116	3020	2941	2888	2903	3069	3551	3871	4165
1916	9870	10380	11260	13100	14670	15500	16550	14530	13280	11290	9740	8368
1917	6439	5992	6708	5333	6606	6891	7786	9186	10671	10755	11090	12189
1918	6404	6947	7554	8322	9307	10178	11352	10905	9536	8102	7368	7053
1919	10210	10145	9533	8796	7968	7060	6307	5859	5806	5888	5897	5904
1920	4861	5043	4909	4768	4652	4792	5152	5739	6612	7537	8093	8757
1921	7261	7755	8759	9742	10600	11249	11120	12239	13496	13910	12702	13006
1922	8640	8540	9646	9720	10743	12962	12916	12990	12080	9860	8642	8478
1923	4940	4692	4062	4192	4641	6060	7289	7961	8434	9077	9186	8109
1924	3457	3764	4485	4706	4688	4063	3378	3124	3235	3411	4042	4398
1925	6882	7686	9083	10064	11062	11068	12270	12925	11784	10735	10790	10810
1926	5503	5871	5214	4970	6116	7094	5564	4564	4196	3898	3368	3284
1927	15725	14530	11952	10368	9499	8677	8294	8783	7954	7425	6951	8019
1928	9135	10829	10087	9251	9512	10998	12685	15575	17606	20710	19273	18790
1929	4913	4434	4491	4685	4542	4042	3683	3457	4030	4447	4426	4578
1930	3765	3864	3970	5467	5180	5134	5104	4739	4383	4140	3757	3970
1931	3609	4058	4391	4662	4620	4414	5082	5434	4546	4100	3851	3721
1932	6135	7136	7732	7851	7794	7823	7929	7696	8252	8880	8748	10569
1933	7346	6420	5583	5035	4940	4732	4513	4667	3593	3581	3498	3460
1934	3647	3545	3342	3220	3233	3363	4191	4610	4774	4241	3763	3629
1935	6680	5978	6059	5657	5686	6321	7003	7070	6537	6514	6833	6491
1936	10227	9873	9967	10642	12065	11988	10497	9402	7753	9294	10046	11808
1937	3906	4075	5213	6310	7190	7705	7409	6848	6518	6490	6350	5891
1938	16732	19286	15909	12980	10968	9465	8459	7776	7517	7516	8239	8808
1939	8413	7872	8022	8056	8050	7733	6970	6422	5917	5674	5809	5719
1940	5075	4824	5022	6141	6327	5574	5311	5100	5438	6117	7224	8852

MMY

	12	13	14	15	16	17	18	19	20	21	22	23	
	5640	5640	6490	6810	6810	6490	6190	6190	6490	6810	6190	5640	
	5910	5380	4890	4890	4890	4670	4490	4280	4280	4100	4890	7150	1
	4820	5510	5510	5680	5590	5590	5000	4820	5000	5000	4910	4910	4
	14200	13500	12800	11300	10200	9800	9060	7600	7300	7300	8320	9060	5
	11960	8510	8510	8780	8780	8510	8240	8510	8240	7980	7720	7450	7
	11300	12000	12200	12200	12700	12700	12400	11500	9980	9930	8640	8000	7
	6840	7740	7740	7070	7070	6840	5950	5500	5160	4830	4720	4600	4
	9560	11000	12700	12700	11500	10000	10000	8870	7110	5710	5220	4980	14
	12800	12800	13200	13600	13600	13600	13900	13900	15000	16400	18000	18700	18
	2900	2710	2580	2610	2650	3300	4600	4740	4710	4670	4100	3990	3
	8710	8710	8470	8390	7430	6440	5920	5700	5700	5700	5540	5320	5
	11200	11100	10100	9700	10300	11100	12500	13400	13300	12200	11700	10900	10
	6340	6170	5740	5580	5340	5100	4860	4860	4700	4400	4180	3960	38
	8200	8000	7630	8200	8600	8400	8200	8600	9300	9600	10200	10500	102
	8990	9890	9730	9250	8610	8130	8130	8130	7650	7330	7170	7650	90
	7560	7880	7840	8980	10200	9650	10100	9380	8830	8610	9030	9300	96
	11600	11400	11700	11900	12100	12700	12900	13700	14300	14500	12600	11800	108
	10000	9490	8470	7920	7380	6980	7810	8500	8370	8240	8610	9440	111
	10100	9920	9280	9440	9440	9600	9600	9280	9440	9600	9600	9920	97
	4165	5107	5486	5334	5239	5033	5678	6227	5729	5468	5074	5796	50
	8368	7362	6601	6220	6100	6260	7084	8419	8397	8717	8517	7777	72
	12189	13773	15296	17848	17555	13816	10629	9104	8562	8308	9284	9928	111
	7053	6522	6344	6834	6187	6405	5535	4700	4942	4969	4717	4632	46
	5904	5743	5583	5640	5977	6460	6663	6713	7383	8583	10072	11107	114
	8757	8847	8650	8600	8868	9245	9623	9375	9031	8581	8430	8460	83
	13006	11835	13156	14742	17174	18739	18115	15158	13165	12974	12930	12541	128
	8478	8107	9843	10561	11636	13057	15220	16450	16220	15936	13925	13375	133
	8109	7270	6800	6536	6497	6502	7160	8271	7573	7923	8121	7990	889
	4398	4866	5179	5011	5100	5142	5186	4675	4490	4074	4020	3888	371
	10810	10635	10765	10945	11500	11900	12500	13500	14350	14350	13870	12690	1178
	3284	3119	2976	3106	3160	3417	3436	3625	3665	4404	4192	3976	3964
	8019	8591	10096	13172	16588	19289	20061	16261	14384	11536	9768	8909	7754
	18790	16751	14770	12847	11587	11522	12200	13145	13409	12700	14513	14995	14810
	4578	5389	6215	6318	6482	6431	6411	6696	6424	7067	7767	8604	9196
	3970	3495	3382	3772	4247	4169	4856	4552	4844	4902	5565	5164	4767
	3721	4151	4646	5265	5201	5228	4870	4208	3632	3266	3062	2718	2828
	10569	12444	13580	13569	12341	10987	11458	11607	12051	12114	12710	10953	8933
	3460	3372	3373	3814	4758	5068	5745	4621	4861	4866	5561	5879	6017
	3629	3467	3378	3209	3135	3173	3354	3349	3178	3048	2961	2783	2987
	6491	6011	5706	5358	5307	6201	6411	5944	5963	6039	6926	7983	9299
	11808	12951	13995	14946	14675	12418	10608	9822	9807	8582	7622	6831	6225
	5891	5731	5755	6329	6530	6276	6467	6706	6535	6045	5598	5827	6462
	8808	9209	10208	11343	11734	12691	12971	12173	10396	9033	8327	8402	9447
	5719	5320	5334	5218	5272	5551	5486	5468	5275	4987	4246	4115	3860
	8852	9866	9587	9164	8237	7997	7395	7081	7261	7275	7288	7106	7107

21	22	23	24	25	26	27	28	29	30	31	TOTAL
6810	6190	5640	5380	5130	6490	7880	6810	5640	4890	4670	
4100	4890	7150	11000	12500	14900	14900	19000	19700	23700	31200	
5000	4910	4910	4910	4910	5000	5000	5080	6190	5680	5250	
7300	8320	9060	9800	10900	9800	9060	10300	10500	11300	10900	
7980	7720	7450	7450	7180	7180	6920	6920	6660	6660	6390	
9530	8640	8000	7520	7740	8410	8640	9080	9080	8640	8190	
4830	4720	4600	4480	4720	5500	6400	7520	8190	7960	7740	
5710	5220	4980	4980	5220	5340	6240	6660	6810	7740	9150	
16400	18000	18700	18000	16100	14800	12200	12200	12800	11500	11800	
4670	4100	3990	3670	3360	3430	4700	4380	5360	5030	5120	
5700	5540	5320	5540	5470	7040	6740	6520	6440	6070	5920	
12200	11700	10900	10700	9900	9600	9220	9120	9120	10700	11300	
4400	4180	3960	3890	4320	4620	4400	4250	4100	4250	4180	
9600	10200	10500	10200	10200	10400	12000	13100	11700	10200	10200	
7330	7170	7650	9090	8930	7970	8130	7650	7330	7810	8290	
8610	9030	9300	9640	9500	9100	8690	8260	7700	8750	9620	
14500	12600	11800	10800	10500	13000	13500	12700	12500	12900	13100	
8240	8610	9440	11100	12200	12400	12800	13300	12700	12200	11800	
9600	9600	9920	9760	9600	8640	8160	7680	7490	7460	7750	
5468	5074	5796	5022	4787	4461	4241	4198	4667	4521	4537	
8717	8517	7777	7247	6828	6999	5930	5910	6140	6270	6560	
8308	9284	9928	11175	10899	12114	11333	11495	11952	11586	11785	
4969	4717	4632	4615	4825	5036	5266	5255	5317	4972	4676	
8583	10072	11107	11444	11323	10110	9820	9536	10170	11580	11316	
8581	8430	8460	8352	8041	7268	6578	6181	6337	6674	6809	
12974	12930	12541	12865	13949	15565	16723	15918	15515	15115	14000	
15936	13925	13375	13343	16833	18174	14975	11890	10432	10248	10795	
7923	8121	7990	8895	10240	11950	10158	7778	6509	6268	5921	
4074	4020	3888	3711	3338	3312	3040	2876	2505	2306	2130	
14350	13870	12690	11780	11090	10725	10000	10855	11600	11513	10516	
4404	4192	3976	3964	3735	3313	3033	2768	3051	2762	3114	
11536	9768	8909	7754	7128	7836	8923	9582	8753	8044	7795	
12700	14513	14995	14810	15145	15957	15944	14976	13632	12294	10471	426,097
7067	7767	8604	9196	9374	8661	6911	5882	5099	4639	4515	179,709
4902	5365	5164	4767	4518	4524	4740	5434	6571	7559	7289	147,623
3266	3062	2718	2828	3154	3577	3752	3550	3494	3274	3405	125,769
12114	12710	10953	8933	7079	6384	5838	5841	5783	5880	5991	282,088
4866	5561	5879	6017	6201	6925	8055	8577	7771	8254	9359	170,805
3048	2961	2783	2987	2913	2832	2553	2605	2394	2372	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
1895-	4470	4100	3930	3930	4100	3930	4100	3930	3760	3590	3430	3430
1896-	27000	27000	32100	29500	27000	24500	24500	25300	23700	25300	22900	22900
1897												
1898-	4910	4820	4820	4480	4310	4480	4140	3970	4140	4650	4910	5170
1899	10200	10500	12800	13900	13900	11300	10500	10500	9800	10200	11600	13900
1900-	6120	6120	6660	6920	7180	7850	7450	6920	6920	6120	5330	4940
1901-	7740	7740	7740	7070	6400	5720	5500	5050	4830	4600	4380	4270
1902	7070	6170	5500	5280	5160	5050	5160	5840	6730	7520	7290	6840
1903-	13300	16800	16200	14400	13300	12700	13300	13800	14400	14400	13800	12700
1904	11800	11800	10400	9440	9440	10100	9770	9770	9600	9440	9440	8900
1905	6070	6260	5890	5380	5180	4940	4860	5360	5360	5010	5010	4920
1906-	5700	5470	5620	6070	6140	6440	5700	5700	5470	5540	5920	7430
1907	11700	12200	12200	11900	11100	10900	11300	10700	10300	10000	9700	9320
1908-	4030	3820	3960	4260	4030	3890	3960	4400	4780	5500	6260	7770
1909	11600	13900	15400	15900	16000	16000	14600	13000	11800	10800	9400	8230
1910	9090	9250	8290	6850	6790	6850	6250	5950	5200	5050	5650	5950
1911-	10500	11500	12400	13400	13400	12800	13300	13800	13500	12400	12500	14100
1912	13200	13300	13700	13600	14000	14400	14800	15300	15600	15100	13900	13300
1913	11400	11800	10900	10500	9920	9680	9280	9360	9210	8720	8160	7600
1914	8020	8150	8750	8400	7550	6430	5800	5620	4820	4510	4200	4160
1915	5049	5114	4524	4067	3842	3890	3822	3999	4124	3945	3630	3428
1916-	6620	6470	6960	8179	9468	10068	10178	10582	11262	11622	10902	10012
1917	10945	10482	10360	9902	9270	8811	9153	9429	11048	12940	12928	10816
1918	4749	5176	5636	6558	7457	8777	9016	10176	10760	11557	12061	11855
1919	10255	7472	6089	5464	5206	5145	5188	5118	4899	4586	4265	3990
1920	6487	5870	5508	4985	4893	5269	6030	6487	7077	7214	6968	6349
1921-	14670	14220	14340	14695	15550	15973	17037	17258	17540	16818	16617	17625
1922	11577	12915	12786	13520	14444	15650	16463	14815	13022	12475	10466	10142
1923	6042	5198	4530	4716	4888	5297	6345	7213	8065	8744	9037	10502
1924	1935	1858	2013	2026	1969	1634	1948	1302	1670	1463	1260	1293
1925	8253	8046	7281	6584	5910	5445	4939	4668	4456	4555	4763	4857
1926-	2718	2626	2718	2576	2514	2497	2566	2340	2403	2135	2055	1939
1927	6947	6653	6693	7545	8288	9452	12595	13620	17584	15675	14750	16150
1928	8985	8113	7355	6921	6982	7153	6716	6896	6177	5305	5541	5158
1929	4859	4708	4073	4456	4007	3865	4717	5046	3665	5859	5492	5878
1930	6967	4563	4552	4369	4000	3929	4232	5477	6346	6903	6399	6649
1931-	3835	5636	3543	3254	2910	2647	2580	2501	2502	2161	2134	2028
1932	5747	5425	5100	5332	6021	8061	7499	6278	5952	6154	6787	7159
1933	11448	12048	12091	12508	11191	9955	10361	9261	9038	11474	11156	11117
1934	2235	2292	2075	1917	1903	1614	1694	1788	1897	1628	1676	1636
1935	8859	8727	8204	7712	7596	7983	8495	8603	8779	8648	7399	7437
1936-	9965	9828	8690	7783	7050	6627	7284	8334	7421	6245	5807	5408
1937	4446	3857	3969	4140	4323	3737	3532	3159	3329	3796	3510	3291
1938	12041	12283	13053	13791	13719	13699	13906	13723	13000	11393	9451	8936
1939	4184	3820	3378	3153	2996	2498	2702	2364	2324	2327	2259	2226
1940	6577	6623	6228	5771	5412	4936	4592	4430	4362	3753	3865	3782

JUNE

12	13	14	15	16	17	18	19	20	21	22	23	24
3430	3760	3590	3760	3590	3430	3120	2970	3120	3270	3590	4100	4100
22900	29500	35500	32100	32100	32100	31200	30400	27000	27000	22900	19000	15500
5170	5510	5680	6020	6020	5100	4530	3900	3900	3740	3900	4530	3740
13900	10200	11300	10500	11300	13900	16100	17200	18700	15000	11300	10500	12000
4940	4940	4940	4810	5730	4810	4230	4230	4230	4460	4340	3910	3710
4270	3930	3710	3710	3930	4380	4600	4930	5280	5500	5280	4830	4380
6840	6510	5950	5280	4380	4160	3940	3940	3740	3550	3550	3550	3740
12700	11500	10500	10000	10500	10000	10000	7740	7110	6520	6240	6240	5460
8800	8180	8480	8800	10100	10800	10400	10100	8960	8480	8180	7580	6500
4920	5090	4930	4460	4000	3990	3650	3110	2930	3120	2990	2930	2880
7430	7990	6900	6740	6600	6600	6000	5620	5400	5320	5180	5040	4760
9320	9320	8850	8130	7410	6340	5740	5830	6170	7050	7770	7220	6510
7770	8670	8310	4550	5180	8490	7770	6870	5830	5660	4860	4400	4250
8230	8230	8230	11800	13000	12800	12800	12000	11600	9600	9200	8230	8040
5950	5900	5350	5350	5200	5050	4900	4190	4050	4050	3840	3490	3360
14100	15100	14700	15100	15000	14400	13500	14000	13900	13100	12500	12300	11200
13300	14300	13800	12000	10500	9410	8770	8610	8950	9680	9300	8990	9170
7600	7360	7120	6680	6060	5980	5600	5530	5160	4640	4500	4640	4640
4160	4280	4280	4140	4720	5020	5320	5620	5320	5020	4720	4140	3870
3428	3149	2848	2699	2666	2802	2798	2820	2743	2732	2609	2598	2578
10012	9570	10158	11059	12138	13142	14280	15450	15190	10262	8651	7470	7140
10816	9286	7885	8621	10266	11395	13840	14535	14566	13453	12962	11684	10581
11855	12282	12601	11324	9414	7893	7507	7440	7170	6675	6964	6615	6750
3990	3755	3557	3436	3383	3392	3334	3276	3154	3999	2937	2871	2719
6349	6153	6119	6316	6708	6845	6440	5909	5372	5213	5177	5181	5128
17625	16612	15901	13645	11422	8661	7218	7047	7591	7649	8270	8770	9205
10142	10280	11675	16005	12185	11735	11621	11721	11290	11142	10158	8827	7840
10502	9524	7543	5722	7972	5150	4877	5162	5152	5247	6730	6028	5878
1293	1160	1265	1103	1194	1061	1009	944	998	989	984	976	971
4857	4997	5108	6234	5415	5470	5210	6540	6591	7203	8280	8590	8012
1939	1807	1670	1581	1482	1379	1343	1274	1426	1364	1350	1304	1192
16150	16294	15869	15574	14561	13080	12861	12882	13360	12600	12002	11701	11590
5188	4911	4695	4404	4352	4304	3931	3857	3787	3733	3868	3825	3952
5878	5359	5585	5797	6342	7305	6062	4896	4275	3946	4095	4135	4073
6649	6488	5715	4867	4237	4229	4593	4238	3786	3579	3310	3101	2872
2028	1619	1750	1578	1506	1531	1507	1428	1323	1261	1205	1185	1133
7159	8423	8638	9594	11250	10637	9648	8333	8291	8168	7948	9118	9447
11117	11423	12035	12093	12214	11586	9977	8216	7127	6552	6375	5944	6374
1636	1635	1578	1526	1430	1350	1263	1172	1064	1047	1056	1023	959
7437	7305	6893	6609	5901	5174	4585	4679	4618	4706	4385	4288	4283
5408	5523	5579	5326	5307	4841	4555	4223	4012	3679	3637	3379	3178
3291	2979	2708	2697	2762	2797	2776	2610	2537	2601	2822	2965	2580
8936	9236	9148	8857	8741	8587	8585	7465	6657	6267	6787	6962	6537
2226	2131	2218	2211	2269	2305	2220	2001	1968	1876	1821	1683	1640
3782	4243	4395	4385	4048	3864	3613	3570	3328	3012	2827	2612	2354

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	10800	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	2880	3060		
3550	3550	3550	3740	3550	3190	3030	2730	2660	2520		
6520	6240	6240	5460	5220	5220	5100	4980	4980	4530		
8480	8180	7880	6500	6070	5540	5540	5540	5770	5770		
3120	2990	2930	2880	2880	2770	2870	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	4400	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	9101	9485	9517	8933		
6675	6964	6615	6750	5485	4699	4072	3663	3394	3524		
3999	2937	2871	2719	2621	2430	2319	2248	2150	2078		
5213	5177	5181	5128	4799	4317	3859	3554	3342	3465		
7649	8270	8770	9205	9133	8310	6674	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		
3753	3868	3825	3952	4065	4037	4027	3594	3358	3328		
3946	4095	4135	4075	3962	3936	4005	3839	3784	3699	152,828	
3579	3310	3101	2872	2987	2604	2442	2394	2359	2241	142,948	
1261	1205	1185	1133	1108	1016	890	722	687	742	128,691	
8168	7948	9118	9447	8649	8662	7123	7040	6545	6073	55,431	
6552	6375	5944	6374	5249	4987	4988	4345	4269	3797	229,112	
1047	1056	1023	959	870	839	930	1017	1037	969	269,099	
4706	4385	4288	4283	3743	3480	3281	3130	3051	3078	43,120	
3679	3637	3379	3178	3153	2967	2866	2489	2357	2111	181,631	
2601	2822	2965	2580	2294	2115	1911	1769	1838	1648	159,642	
6267	6787	6962	6537	6114	6286	6412	6067	5592	5774	89,498	
1876	1821	1683	1640	1637	1643	1546	1417	1398	1429	279,069	
3012	2827	2612	2354	2123	2041	1855	1717	1899	1432	67,944	
										113,629	

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	3590	3430	3430	3430	3120	3120	3430	3430	3270	3270	3120	3120
1896	9080	11500	12500	12500	11500	11000	10500	9980	9080	8660	8260	8260
1897	3460	4080	3600	3260	3260	3070	2880	2810	2420	2290	2360	2350
1898	3290	3120	2600	2600	2430	2600	2430	2430	2600	2600	2430	2600
1899	11300	10200	10200	9800	8690	7960	7780	8320	7780	7600	7300	7000
1900	2180	2040	1980	1910	1680	1620	1570	1460	1460	1520	1520	1520
1901	2880	2880	2880	2800	2430	2300	2300	2300	2180	2180	2070	1970
1902	2280	2400	2340	2660	2220	2110	2000	1900	1900	1950	1950	2000
1903	4310	3900	3520	3080	2990	3020	2990	2830	2610	2400	2400	2260
1904	5770	5540	5540	5540	4680	4680	4680	4680	4680	4090	3720	3370
1905	2150	2150	2060	1970	1870	1790	1710	1630	1550	1470	1430	1350
1906	4130	4270	4480	4550	4340	4200	4060	3860	3670	3420	3240	3180
1907	8940	8670	8850	9220	8940	7770	6000	6260	6990	6870	6510	6260
1908	5580	5660	5740	4400	5500	4940	4400	4400	4320	4100	3960	3560
1909	7680	7500	7500	6780	6260	6010	5770	5470	5170	3910	3720	3650
1910	2970	2780	2660	2600	2720	2360	2250	2140	2140	2030	1980	1880
1911	7230	6360	6100	6300	6350	6240	6280	5720	4880	4370	3950	3820
1912	5500	5050	4610	4050	3910	3770	3630	3490	3230	3100	2970	2970
1913	3530	3400	3270	3400	3140	3140	3140	3020	2770	2650	2420	2200
1914	3180	3030	2890	2760	3770	2960	2710	2470	2280	2200	2340	2160
1915	1899	1843	1780	1767	1672	1872	1894	2065	1762	2001	1666	1582
1916	7236	8410	8074	6851	6408	7015	7302	7394	7511	6736	6069	5816
1917	8343	8083	7952	8089	7896	7188	7099	6683	6293	5838	5125	4666
1918	3181	2916	2773	2605	2470	2176	2197	2210	2055	1968	1934	2086
1919	1934	1869	1728	1626	1537	1460	1448	1411	1384	1334	1272	1218
1920	3529	3574	3425	3139	2987	2825	2654	2470	2315	2167	2047	1998
1921	5928	5285	4216	4406	3896	3750	3922	3772	3731	3650	3313	3645
1922	4597	4132	4014	3657	3499	3258	3454	3009	2946	2656	2512	2506
1923	6345	6011	5031	5109	4710	4275	4065	3834	3931	3472	3246	3702
1924	789	695	686	684	675	629	650	615	615	563	554	590
1925	5650	4866	4388	4062	3889	3613	3299	2852	3004	2639	2536	2674
1926	944	927	880	861	826	812	800	780	824	829	841	774
1927	7214	6826	6685	6340	5880	4949	5104	5014	4905	4723	4366	4377
1928	2922	3023	2928	2683	2796	2729	2403	2319	2309	2102	2098	2084
1929	3459	3250	2814	2599	2363	2282	2149	2042	1917	1860	1793	1686
1930	2096	1895	1887	1913	1846	1799	1709	1599	1490	1414	1403	1429
1931	730	780	726	704	655	637	634	635	632	631	646	645
1932	5403	5232	4606	3919	3729	3321	2775	2850	2956	2703	2467	2595
1933	3548	2842	2789	2615	2584	2423	2312	2142	2093	2005	1803	1648
1934	914	878	858	823	780	765	728	737	714	675	684	639
1935	2696	2493	2479	2280	2287	2144	2301	2041	1898	1746	1630	1669
1936	2004	1849	1680	1686	1614	1638	1552	1528	1379	1493	1522	1550
1937	1701	1497	1437	1252	1358	1258	1244	1248	1218	1200	1109	1039
1938	6644	5707	5906	5470	5398	5031	4585	4216	3980	3947	3606	3538
1939	1347	1354	1301	1285	1388	1464	1389	1329	1264	1131	1072	1056
1940	1470	1571	1481	1482	1526	1422	1394	1353	1196	1165	1149	1096

JULY

12	13	14	15	16	17	18	19	20	21	22	23	24
3120	3120	3120	3120	3120	2830	1870	1870	1770	1680	1680	1510	1430
8260	7510	7150	6490	5910	4890	4470	4100	3120	2560	1870	2560	3120
2350	2290	2290	2290	2160	2160	2290	2160	1900	1840	1640	1980	1840
2600	2260	2260	2090	1920	1750	1660	1580	1490	1400	1320	1230	1150
7000	6700	6120	5580	5060	4820	4580	4480	4160	4160	3760	3560	2980
1520	1460	1410	1270	1270	1230	1190	1160	1100	1080	1080	1050	1050
1970	1970	1870	1780	1780	1696	1640	1600	1600	1540	1510	1560	1600
2000	2060	1950	1900	1850	1800	1700	1700	1610	1520	1350	1190	1190
2260	2400	2330	2260	2400	2470	2400	2010	1950	2010	2130	2010	1900
3370	3210	3050	2900	2670	2500	2500	2440	2380	2380	2380	2440	2260
1350	1270	1210	1170	1140	1070	1030	1010	990	970	950	930	880
3180	2950	2780	2510	2350	2280	2060	1950	1780	1660	1590	1660	1740
6260	6260	5420	5100	4700	4480	4250	4250	4320	4100	3950	3810	3600
3560	3430	3690	3960	3070	2470	2420	2320	2170	2120	2030	2030	1850
3650	3410	3170	3050	2930	2810	2590	2540	2370	2200	2150	2050	1970
1880	1830	1780	1730	1680	1380	1550	1550	1420	1420	1420	1340	1300
3820	3680	3540	3540	3480	3280	3150	2960	2710	2590	2420	2300	2190
2970	2840	2840	2720	2600	2480	2480	2480	2250	2250	2030	2030	1830
2200	2100	1990	1890	1800	1710	1710	1620	1710	1620	1620	1620	2310
2160	1980	2010	1840	1780	1710	1620	1540	1550	1810	1630	1470	1470
1582	1539	1570	1370	1162	1228	1197	1111	1102	1041	1007	960	929
5816	5584	5211	4830	4471	4661	4001	3584	3258	3110	2894	2704	2591
4666	4380	3940	3492	3222	3052	2971	2744	2579	2380	2210	2055	2047
2086	1858	1735	1698	1819	1718	1480	1719	1651	1566	1585	1272	1111
1218	1172	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
3762	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	1755	2095	1675
774	739	672	681	646	689	638	639	600	542	497	494	493
4377	4170	3847	3643	3553	3168	3209	2923	2887	2756	2365	2375	2078
2084	1974	1920	1875	1856	1845	1733	1627	1567	1475	1455	1421	1390
1686	1602	1480	1415	1354	1355	1252	1221	1092	1078	1060	981	987
1429	1356	1335	1261	1219	1199	1139	1084	987	945	989	950	918
645	618	603	595	598	576	555	552	516	496	455	450	435
2595	2242	2710	2887	2349	1977	2035	1902	2203	1820	1761	1717	1618
1648	1548	1427	1415	1299	1253	1270	1209	1113	1059	1017	1018	996
639	558	528	513	554	560	552	563	524	512	463	496	478
1669	1715	1652	1548	1480	1436	1378	1245	1214	1149	1144	1103	1073
1550	1544	1481	1344	1263	1224	1216	1173	1144	1092	1113	1103	1098
1039	964	897	849	863	855	923	858	861	801	781	779	732
3538	3017	3060	2911	2940	2934	2684	2491	2264	2223	2109	1931	1925
1056	1033	973	946	909	869	854	831	793	772	770	771	795
1096	1062	1020	968	944	876	871	845	836	826	812	772	766

	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	1126	1120	1120	1120	1040	
	2010	2130	2010	1900	1900	1780	1780	1570	1470	1580	1330	
	2380	2380	2440	2260	2140	1920	1810	1810	1810	1700	1600	
	970	950	930	880	860	840	820	820	810	780	750	
	1660	1590	1660	1740	1410	1370	1310	1300	1260	1240	1200	
	4100	3950	3810	3600	3460	3270	3200	3340	3270	3020	2840	
	2120	2030	2030	1850	1810	1690	1580	1540	1470	1440	1330	
	2200	2150	2050	1970	1870	1820	1970	2080	1820	1680	1500	
	1420	1420	1340	1300	1260	1230	1160	1160	1130	1100	1070	
	2590	2420	2300	2190	2080	2020	1970	1860	1760	1720	1670	
	2250	2030	2030	1830	1830	1640	1640	1550	1460	1330	1930	
	1620	1620	1620	2310	3940	3800	3400	3140	2650	2420	2200	
	1810	1630	1470	1470	1395	1320	1250	1250	1270	1210	1210	
	1041	1007	960	929	892	871	870	845	831	813	849	
	3110	2894	2704	2591	2465	2424	2274	2162	2050	1944	1869	
	2380	2210	2055	2047	1881	1789	1743	1716	1640	1574	1514	
	1566	1585	1272	1111	1283	1265	1192	1118	1054	1241	1327	
	888	855	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
	945	989	950	928	888	841	855	823	822	774	722	59,617
	496	455	450	435	423	418	405	406	389	384	406	17,335
	1820	1761	1717	1618	1507	1404	1412	1324	1328	1243	1152	77,149
	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
1895	1280	1210	1210	1210	1210	1140	1140	1140	1070	1070	1070	1070
1896	2190	1870	2190	1770	1680	1680	1590	1590	1590	1510	1510	1350
1897	1380	1380	1250	1320	1320	1320	1320	1250	1250	1180	1180	1180
1898	992	1060	892	892	892	892	892	892	892	892	892	806
1899	2390	2060	2060	2060	2060	2060	2200	2390	2390	2060	1940	1940
1900	930	920	905	905	895	905	895	895	895	830	822	855
1901	1060	1060	1060	1050	1010	955	860	758	758	758	800	830
1902	1040	970	900	900	830	900	900	830	527	575	635	830
1903	1240	1200	1110	1070	1280	865	905	828	828	828	828	828
1904	1560	1500	1500	1500	1450	1600	1550	1660	1660	1160	1160	1120
1905	820	760	760	760	760	760	700	675	650	650	650	650
1906	1160	1110	1160	1160	960	920	920	880	845	810	780	750
1907	2670	2500	2450	2340	2140	2040	1940	1900	1800	1760	1720	1640
1908	1330	1400	1160	1330	1160	1190	1220	1160	1190	960	990	1050
1909	1590	1500	1410	1320	1310	1270	1230	1190	1190	1190	1110	1070
1910	1070	1040	1020	990	990	990	965	965	940	940	915	890
1911	1580	1640	1540	1500	1460	1410	1340	1370	1340	1300	1260	1260
1912	2360	2250	2030	2030	1830	1640	1550	1460	1460	1380	1300	1300
1913	1990	1890	1800	1710	1710	1800	1710	1620	1620	1540	1460	1380
1914	1210	1210	1140	1280	1210	1140	1140	1070	1000	1000	1000	1000
1915	839	897	840	791	762	748	747	729	707	693	679	679
1916	1807	1734	1667	1620	1568	1512	1463	1425	1391	1368	1322	1294
1917	1464	1400	1363	1371	1302	1278	1238	1203	1150	1096	1066	1035
1918	994	1055	1032	1121	1073	846	851	901	893	958	916	830
1919	740	678	642	607	607	627	643	649	666	628	613	628
1920	924	882	831	767	713	702	782	740	765	693	693	645
1921	1388	1332	1387	1280	1111	1226	1195	1289	1231	1285	1257	1328
1922	1349	1373	1328	1420	1572	1481	1330	1250	1070	1104	1129	1074
1923	1490	1290	1417	1278	1177	1097	1273	1407	1117	985	1221	1182
1924	427	439	404	408	404	404	407	385	410	379	384	392
1925	1118	1146	1078	1167	1157	1061	1006	1093	1058	934	951	982
1926	481	457	434	443	419	429	435	439	477	505	511	509
1927	1622	1601	1515	1461	1422	1425	1364	1314	1238	1179	1180	1166
1928	1106	1109	1099	1085	1061	1021	1042	1045	1057	982	885	796
1929	796	818	837	808	778	695	711	628	616	582	632	638
1930	686	654	648	669	687	681	717	682	707	714	819	925
1931	439	478	459	458	426	405	385	375	365	355	355	355
1932	1146	1124	1120	1061	1020	974	1006	968	943	891	918	905
1933	870	864	861	849	845	800	720	690	686	727	698	670
1934	442	448	456	435	434	420	409	359	335	325	315	352
1935	909	871	848	822	828	807	754	745	699	666	655	627
1936	812	826	853	844	800	758	712	682	645	644	669	758
1937	564	528	532	481	486	471	472	449	482	486	468	460
1938	1539	1425	1352	1359	1346	1361	1321	1259	1208	1165	1112	1122
1939	643	635	613	582	580	516	515	507	481	511	479	493
1940	736	703	647	651	644	622	632	572	536	510	476	509

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
10	1350	1280	1210	1210	1210	1210	1070	1070	1010	1010	950	1010
90	1180	1120	1120	1120	1060	990	990	925	925	860	795	860
92	806	806	806	721	721	550	550	721	721	721	721	550
10	1940	1760	1700	1700	1700	1700	1580	1520	1580	1700	1820	1820
22	855	870	880	845	830	845	830	822	830	822	822	855
00	830	818	830	800	830	818	800	800	818	830	830	800
55	830	865	879	886	865	830	830	830	795	795	774	760
28	828	790	790	790	768	828	752	752	715	715	715	715
60	1120	1120	1120	1100	1070	1100	1070	1100	1070	1160	1160	1160
50	650	650	625	625	625	625	625	625	600	600	580	580
80	750	810	840	810	750	750	725	675	700	700	750	845
20	1640	1600	1520	1480	1440	1400	1360	1320	1320	1280	1210	1280
90	1050	930	960	1220	1050	1080	990	990	960	990	990	1020
10	1070	1030	1000	960	930	950	920	920	950	850	820	790
15	890	890	890	890	890	890	890	870	860	830	850	830
60	1260	1200	1200	1160	1130	1130	1100	1100	1100	1070	1070	1070
00	1300	1300	1250	1230	1230	1160	1160	1160	1160	1160	1100	1040
60	1380	1380	1310	1310	1310	1230	1160	1160	1160	1160	1020	1020
00	1000	937	937	937	873	873	873	873	873	873	812	812
79	679	651	640	636	640	618	577	582	588	582	578	579
22	1294	1264	1239	1207	1198	1251	1277	1390	1287	1234	1187	1138
66	1035	1008	997	971	969	1010	1093	1076	1007	967	925	905
16	850	814	895	875	964	1064	1021	981	893	820	700	809
13	628	670	667	624	621	585	593	563	556	546	537	543
93	645	621	678	553	571	579	595	558	526	480	504	553
67	1328	1109	1069	1074	996	975	998	928	802	906	762	879
29	1074	1003	980	989	926	961	943	987	935	910	883	862
21	1182	1091	1055	854	1103	1030	898	829	1027	1612	1212	1070
84	392	386	366	376	376	370	370	370	413	461	431	415
51	982	1177	1208	1278	1096	1073	974	1004	1023	908	901	817
11	509	516	509	496	479	465	460	528	642	674	644	570
80	1166	1197	1234	1336	1420	1381	1326	1278	1217	1165	1068	1055
85	796	793	773	784	782	768	740	744	751	727	739	694
32	638	601	564	522	501	479	446	488	503	506	532	517
19	925	922	929	893	904	802	771	745	733	730	700	597
55	355	360	360	360	360	360	360	360	360	360	360	349
18	905	898	835	846	827	778	769	719	683	621	626	656
98	670	606	576	566	577	602	583	576	539	517	490	523
15	352	367	385	393	380	380	372	356	357	356	343	342
55	627	594	568	568	561	553	571	590	579	581	571	543
69	758	811	855	910	878	768	706	630	570	593	593	595
48	460	437	385	365	350	346	359	383	375	358	350	333
112	1122	1086	1056	1065	1086	1091	1065	1041	1011	1010	1046	1044
79	493	499	502	493	466	416	380	394	364	353	365	378
76	509	468	470	498	461	454	433	416	415	443	457	424

21	22	23	24	25	26	27	28	29	30	31	TOTAL
950	890	890	890	890	890	890	950	890	890	890	
1010	950	1010	1010	950	1010	950	1010	1010	1010	1210	
860	795	860	860	860	990	990	990	990	990	860	
721	721	550	550	550	550	550	550	550	636	550	
1700	1820	1820	1700	1580	1460	1400	1220	1220	1100	1100	
822	822	855	880	905	870	855	855	822	830	830	
830	830	800	800	740	770	740	788	770	800	770	
795	774	760	760	750	728	728	728	695	695	708	
715	715	715	715	715	752	790	865	905	828	790	
1160	1160	1160	840	840	750	682	682	682	930	930	
600	580	580	580	580	580	580	580	560	560	560	
700	750	845	920	880	780	780	725	780	780	750	
1280	1210	1280	1320	1400	1400	1400	1400	1320	1240	1210	
990	990	1020	990	900	900	870	870	870	870	870	
850	820	790	790	820	760	730	705	780	910	850	
830	850	830	830	830	830	850	830	850	830	850	
1070	1070	1070	1070	1040	1040	1020	1020	1020	1020	993	
1160	1100	1040	1040	1040	1040	1040	1040	990	990	990	
1160	1020	1020	1020	1020	1020	1020	1020	1020	956	956	
873	812	812	806	800	794	788	782	776	776	776	
582	578	579	598	620	595	581	569	534	536	538	
1234	1187	1138	1081	1055	1021	1002	1000	983	1052	1016	
967	925	905	881	849	831	874	862	827	809	790	
820	700	809	925	848	850	807	817	879	930	784	
546	537	543	522	494	492	482	484	490	502	503	
480	504	553	624	620	592	604	632	657	670	639	
906	762	879	619	748	831	780	747	551	687	683	
910	883	862	827	804	825	846	836	854	867	887	
1612	1212	1070	1135	684	1051	892	884	815	779	821	
461	431	415	401	387	374	365	361	386	381	381	
908	901	817	802	874	754	750	664	821	735	755	
674	644	570	514	503	498	494	483	459	470	488	
1165	1068	1055	980	965	908	918	903	855	844	856	
727	729	694	674	671	614	634	623	639	648	645	
506	532	517	511	496	486	515	524	538	556	587	18,411
730	700	597	567	546	517	498	519	536	566	564	21,628
360	360	349	349	347	345	340	353	353	347	340	11,578
621	626	656	700	718	687	675	676	719	784	814	26,106
517	490	523	540	553	545	585	625	636	605	617	20,141
356	343	342	350	350	350	357	350	350	360	383	11,311
581	571	543	508	486	483	478	484	515	520	527	19,511
593	593	595	604	605	603	605	592	572	547	576	21,626
358	350	333	336	337	344	375	425	408	426	427	12,998
1010	1046	1044	1048	1036	1039	1005	984	952	947	898	35,079
353	365	378	370	378	381	385	387	399	431	424	14,320
443	457	424	456	438	466	450	443	442	430	438	15,740

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	830	830	830	890	890	890	890	890	890	950	1070	1070
1896	1210	1210	1070	1010	950	950	950	890	890	890	950	950
1897	860	990	990	990	1120	1120	1120	990	990	1120	1120	1120
1898	550	550	636	636	636	636	636	636	636	721	721	721
1899	1340	1340	1340	1340	1280	1220	1220	1220	1220	1220	1220	1100
1900	810	810	802	810	930	990	905	855	855	870	905	922
1901	770	770	770	830	830	800	800	800	800	770	770	770
1902	728	728	695	695	665	665	653	635	635	665	695	665
1903	828	752	715	715	715	715	715	715	715	715	715	828
1904	840	622	622	622	622	622	280	280	280	280	840	840
1905	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
1907	1210	1240	1240	1280	1210	1240	1180	1100	1070	1040	1070	1100
1908	870	840	810	810	782	810	840	990	930	870	900	930
1909	1020	1170	1250	750	1050	1170	1170	1090	1010	940	970	970
1910	850	850	850	850	830	850	830	830	810	810	780	780
1911	993	969	969	969	993	1020	1070	1070	1070	1020	993	993
1912	1040	1100	1040	1230	1300	1160	1160	1160	1160	1100	1040	1160
1913	956	892	956	956	892	892	892	892	956	1160	1020	956
1914	718	817	718	718	718	718	718	718	718	718	718	718
1915	678	868	753	675	660	653	646	619	624	627	632	609
1916	976	944	940	969	962	944	933	916	929	1025	1006	988
1917	781	766	783	754	741	731	725	713	698	683	694	701
1918	782	718	858	725	659	520	623	619	655	878	1037	1044
1919	502	493	503	511	511	500	504	524	542	546	523	495
1920	684	653	657	590	517	473	464	519	544	555	565	598
1921	756	718	733	730	774	842	721	686	726	680	693	632
1922	940	969	947	927	905	865	845	823	807	801	797	793
1923	832	859	770	817	766	797	714	631	716	685	679	628
1924	386	381	381	390	377	395	390	391	385	394	385	380
1925	743	736	669	658	544	686	825	1055	950	903	905	796
1926	518	524	515	497	491	475	476	466	469	463	456	449
1927	885	890	867	878	889	855	813	755	783	817	830	971
1928	672	642	652	626	593	621	615	626	639	657	676	691
1929	594	584	554	520	519	524	526	526	541	587	566	557
1930	551	549	533	533	500	500	500	500	541	537	549	622
1931	342	342	342	332	331	353	322	322	335	340	365	365
1932	828	840	815	803	777	719	683	673	655	681	668	723
1933	675	672	630	580	570	565	584	569	578	557	589	574
1934	424	442	427	408	374	363	370	376	383	380	377	399
1935	498	482	456	482	513	543	559	524	519	515	505	496
1936	602	629	671	681	734	842	879	878	830	724	675	658
1937	447	468	450	430	431	411	445	468	436	417	420	391
1938	582	901	572	586	855	821	819	809	837	831	835	807
1939	433	435	437	436	447	456	462	470	477	476	482	476
1940	408	423	439	469	796	651	674	625	642	648	603	576

SEPTEMBER

11	12	13	14	15	16	17	18	19	20	21	22	23
1070	1070	1070	1070	1140	1140	1070	1010	950	1010	950	950	950
950	950	890	950	950	950	890	890	830	890	890	830	890
120	1120	1250	1250	1120	1120	1120	990	990	990	1120	1120	1120
721	721	721	721	721	721	721	636	550	550	550	550	721
120	1100	1100	1100	1220	1280	1160	1100	1100	1100	1100	1050	1050
805	822	822	810	830	810	822	830	870	855	845	830	845
770	770	740	770	770	800	770	800	770	770	830	860	920
695	665	635	665	695	665	635	665	695	695	695	695	695
715	828	945	945	945	905	828	790	715	715	715	752	790
840	840	840	840	840	840	840	750	795	750	840	750	840
560	560	560	560	560	560	560	580	580	580	580	580	580
675	675	780	810	750	725	700	700	675	675	650	625	625
1070	1100	1070	1040	1040	1000	1000	965	1000	965	930	965	950
900	930	900	870	840	930	990	1260	1120	1020	990	960	930
970	970	1000	910	870	840	840	840	840	840	780	790	850
780	780	780	810	965	1100	1380	1230	1230	1100	1040	990	940
993	993	969	969	947	947	969	969	969	993	993	993	993
1040	1160	1160	1160	1100	1100	1100	1160	1160	1100	1040	1040	1040
1020	956	892	892	830	830	830	892	892	886	880	873	1000
718	718	836	836	1030	1170	1100	1100	1100	1030	1100	1030	963
632	609	679	692	656	665	648	630	631	607	607	597	594
1006	988	957	925	917	905	880	855	843	843	856	831	821
694	701	705	765	772	736	715	699	679	667	647	655	720
1037	1044	856	912	900	1008	927	948	936	1527	817	791	822
523	495	470	464	491	523	591	736	797	739	712	506	624
565	588	528	570	620	725	708	673	749	638	630	630	648
693	632	749	867	947	767	717	751	859	883	1037	1108	1051
797	793	767	756	735	715	715	715	745	785	756	756	756
679	628	753	645	701	697	652	598	640	638	645	638	652
1085	390	386	392	399	388	388	387	402	434	455	568	458
905	796	916	769	832	856	833	770	731	768	877	874	747
456	449	451	460	461	460	526	521	483	503	598	499	499
830	971	1010	1045	1046	1015	1046	976	919	884	886	866	869
676	691	761	799	816	815	775	726	690	692	690	691	689
366	557	545	506	481	477	477	477	477	494	493	513	518
549	622	679	707	730	662	593	578	549	543	526	512	521
365	365	378	380	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
877	399	405	398	436	444	467	377	378	376	374	378	384
505	496	485	484	476	485	495	503	497	493	500	500	490
675	658	638	626	628	622	648	644	647	645	654	662	713
420	391	402	402	410	405	420	428	417	425	431	443	443
835	807	796	759	791	765	754	767	723	726	706	711	707
482	476	511	647	627	597	626	620	582	550	584	579	550
603	576	562	784	696	694	659	647	680	820	851	725	749

	22	23	24	25	26	27	28	29	30	31	TOTAL
50	950	950	950	1010	1010	950	950	950	950		
90	830	890	1010	1070	1040	1010	1010	950	890		
20	1120	1120	1120	1120	860	860	860	860	860		
50	550	721	636	721	636	636	636	721	721		
00	1050	1050	1050	1050	986	986	986	986	986		
15	830	845	830	855	870	888	880	870	880		
30	860	920	990	990	976	976	890	890	860		
95	695	695	695	695	695	695	695	695	728		
15	752	750	715	715	715	715	828	828	828		
40	750	840	840	840	840	930	930	930	930		
80	580	580	580	600	600	625	625	650	650		
50	625	625	625	625	625	625	625	625	625		
30	965	950	930	900	900	810	810	870	870		
90	960	930	930	930	960	990	930	930	900		
80	790	850	850	880	850	850	920	1070	1230		
40	990	940	940	965	965	965	965	965	965		
993	993	993	993	993	993	993	993	993	1020		
040	1040	1040	1040	1040	1040	1040	1040	1040	990		
880	873	1000	867	867	918	855	849	842	836		
100	1030	963	963	963	898	898	898	898	898		
607	597	594	596	592	600	839	772	708	689		
856	831	821	814	814	814	820	808	809	819		
647	655	780	951	829	773	739	719	690	744		
817	791	822	834	834	911	889	841	825	835		
712	506	624	616	619	614	609	599	592	586		
630	630	648	733	801	851	841	824	815	824		
037	1108	1031	901	933	942	934	855	885	856		
756	756	756	783	762	762	849	752	769	790		
645	638	652	570	581	691	875	925	943	735		
455	568	458	454	463	531	521	517	502	495		
877	874	747	823	771	833	744	871	766	662		
598	499	499	499	509	502	521	521	510	520		
886	866	869	825	877	962	946	1011	1024	1296		
690	691	689	684	684	684	684	684	684	684		
493	513	518	535	570	562	632	602	629	630		16,244
526	512	521	563	617	640	643	627	626	627		17,360
463	442	430	502	524	535	503	488	470	460		12,023
619	648	647	645	651	640	634	660	644	630		20,873
564	551	546	557	577	611	667	698	694	666		17,778
374	378	384	445	462	469	484	493	500	490		12,483
500	500	490	490	507	507	507	495	510	510		15,026
654	662	713	720	721	649	610	615	606	617		20,468
431	443	443	444	450	452	452	447	445	449		12,979
706	711	707	715	684	686	687	687	710	733		23,262
584	579	550	550	530	519	509	481	444	411		15,404
851	725	749	713	648	656	579	616	669	791		19,493

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

OCTOBER

12	13	14	15	16	17	18	19	20	21	22	23	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	890	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	1017
945	912	827	804	861	973	1019	1010	943	973	973	1402	1287
621	596	584	590	586	549	596	565	603	563	557	561	540
1069	1220	1147	1030	1179	1076	928	990	943	861	919	835	838
556	540	523	560	571	569	591	524	562	592	570	571	523
1048	941	927	1071	923	925	953	874	1077	708	864	1036	1104
811	860	850	840	846	840	819	771	800	674	943	800	779
598	697	688	798	669	662	720	663	670	645	644	631	631
1058	826	877	806	785	748	654	693	638	688	734	917	771
456	444	446	437	456	506	501	478	488	518	508	573	639
734	715	708	714	686	695	907	892	698	879	627	705	1101
787	729	599	761	833	592	591	587	597	609	595	610	616
515	451	378	539	550	556	554	550	566	575	619	717	760
532	535	541	534	474	521	517	581	554	556	481	636	514
556	746	641	585	654	631	638	638	656	618	728	640	633
509	494	491	491	520	885	1130	924	730	680	634	624	612
865	979	924	906	1155	1261	1207	1142	1082	1067	996	956	910
661	663	618	602	628	622	614	602	619	656	627	629	699
791	764	720	783	667	728	730	682	710	757	695	685	795

Chart 21

21	22	23	24	25	26	27	28	29	30	31	TOTAL
890	890	890	950	950	950	890	890	890	890	920	
830	890	890	890	830	830	950	950	950	830	1010	
990	990	990	1120	1250	1250	1120	1060	1060	1060	1060	
892	892	978	978	892	892	978	978	978	978	978	
2390	2060	1940	1820	1580	1460	1460	1460	1460	1460	1340	
1360	1190	1410	1230	1120	1120	1120	1070	1080	1050	1050	
860	878	860	860	860	860	860	955	990	920	920	
695	728	760	830	900	900	865	830	795	760	760	
865	865	865	865	842	790	790	828	842	842	828	
1020	948	930	930	930	930	975	930	930	930	930	
700	730	730	760	790	760	730	730	730	730	730	
700	700	700	700	700	700	700	725	725	725	725	
930	930	930	930	900	900	900	965	965	965	1040	
1400	990	1120	1080	1080	1080	1080	1080	1080	1080	1080	
1070	1030	990	990	990	990	950	990	1030	990	1110	
1020	990	990	990	965	965	965	940	940	940	940	
1035	1035	1035	1035	1060	1060	1060	1035	1010	990	1010	
1040	990	1070	1100	1040	1040	1109	1300	1265	1195	1100	
1080	1080	1020	1020	1020	1020	1020	1020	950	950	950	
1410	1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	
683	680	668	681	690	707	708	695	693	700	653	
926	922	902	898	934	936	936	939	922	921	920	
791	760	778	774	789	800	805	785	789	643	878	
1088	1153	1015	984	985	969	930	1017	1098	1169	1151	
742	727	725	718	750	717	694	653	661	678	705	
1038	1035	990	980	956	925	928	933	935	800	795	
921	908	912	821	904	869	958	1057	923	993	922	
796	800	1155	1017	984	1063	992	906	1058	719	793	
973	973	1402	1287	1064	1033	1005	968	977	908	925	
563	557	561	540	550	538	544	683	1314	1303	1141	
861	919	835	838	827	900	865	798	833	977	894	
592	570	571	523	587	570	565	664	691	610	612	
708	864	1036	1104	1009	1098	1381	1543	1445	1157	1386	
674	943	800	779	713	760	794	780	870	900	1012	24,926
645	644	631	631	631	631	635	637	689	648	650	19,678
688	734	917	771	803	842	815	729	821	746	781	27,256
518	508	573	639	639	637	654	802	556	596	591	15,712
879	627	705	1101	761	682	752	760	723	881	585	19,571
609	595	610	616	598	591	580	592	603	650	1186	20,638
575	619	717	760	1020	997	877	757	720	697	699	18,529
556	481	636	574	585	641	621	548	575	571	565	16,808
618	728	640	633	716	696	702	757	672	656	696	19,886
680	634	624	612	602	621	570	598	576	563	593	18,113
1067	996	956	910	932	852	877	951	906	906	972	30,313
656	627	629	699	639	632	631	583	503	852	533	19,586
757	695	685	795	884	1025	973	944	941	889	993	26,584

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	950	950	950	950	890	890	720	890	950	950	950	950	950
1896													
1897	1060			990				990					
1898	978	978	1060	1060	978	978	978	978	978	978	1060		
1899	1340	1340	1220	1340	1340	1340	1340	1460	1400	1340	978	721	721
1900	1120	1120	1120	1120	1120	1120	1050	1050	1050	1020	1520	1760	1820
1901	920	920	920	890	920	920	890	890	890	890	990	960	990
1902	760	760	760	760	795	830	900	984	1000	1000	890	848	890
1903								828			1040	1040	1000
1904										828			
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

11	12	13	14	15	16	17	18	19	20	21	22	23
950	950	950	950	1010	1010	1010	950	950	950	950	890	770
060				990			1250				1120	
978	721	721	721	721	721	892	1150	1060	1150	1060	1060	892
520	1760	1820	1700	1580	1700	1640	1580	1580	1580	1460	1460	1460
990	960	990	990	990	990	990	1050	1050	960	930	960	990
890	848	890	848	890	890	860	860	860	860	860	920	990
040	1040	1000	970	900	830	900	970	970	900	865	830	865
									1110			2130
675	675	675	675	675	675	675	675	675	675	675	700	700
880	810	1060	2350	2620	5250	2110	1470	1200	1160	1240	1240	1060
870	840	870	900	900	870	900	930	840	870	965	900	930
990	1020	1020	960	930	755	870	990	990	1050	1120	1190	1080
390	1230	1150	1190	1070	990	1070	1150	1570	3850	4190	5400	15200
230	1730	1600	1230	1160	1100	1100	1160	1160	1130	1340	1600	1830
060	930	970	1170	1300	1495	1300	1495	1230	1265	1265	1230	1035
300	1230											
530	1790	1530	1370	1300	1300	1300	1220	1220	1220	1220	1080	1080
961	961	1030	1030	961	780	830	898	731	839	839	839	961
684	725	721	731	769	919	771	781	797	818	869	859	867
854	733	622	824	1037	1057	1052	1052	1129	969	869	858	863
786	774	822	822	792	804	807	1103	915	671	675	742	884
964	932	925	941	950	1005	1030	1037	994	960	977	956	909
931	906	888	821	783	806	889	969	985	1007	1002	990	928
824	787	806	868	914	898	1063	1444	1837	2402	2470	2246	1900
803	874	795	871	877	933	777	723	786	910	1619	5726	3063
962	944	823	876	598	776	807	1013	1070	1066	826	756	812
895	827	851	838	856	828	821	835	809	782	759	893	821
912	875	775	659	709	765	652	629	568	812	1458	1391	1485
072	920	949	864	761	1838	931	897	852	775	755	757	823
695	907	1016	891	771	838	969	851	852	939	1970	1570	1370
329	3186	2620	2243	1723	2211	2746	2905	2531	2228	2999	3208	2745
900	776	762	811	909	814	783	852	611	622	831	889	881
561	752	613	529	535	601	567	674	686	661	665*	665*	665*
860	797	709	961	693	681	769	777	784	653	683	742	697
582	489	444	474	558	616	614	536	506	465	398	357	310
949	778	853	897	822	794	908	937	1050	942	890	870	837
780	751	737	733	757	745	706	764	918	842	705	794	645
847	781	717	775	680	673	693	778	954	988	897	874	829
607	618	725	604	602	654	657	750	755	683	659	642	658
546	664	637	605	688	587	736	742	642	639	611	600	604
659	655	661	729	818	777	754	851	613	1044	1681	1649	1216
188	890	851	1318	1111	1031	1349	1343	1099	1097	1107	847	751
562	647	624	714	665	612	658	525	580	554	561	615	546
056	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		
	1120			1250				990			
060	1060	892	892	892	892	892	892	892	978		
460	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							
675	700	700	700	700	700	700	700	675	675		
1240	1240	1060	960	960	920	920	920	845	810		
965	900	930	965	1040	1070	1040	930	930	965		
1120	1190	1080	1080	1020	930	870	755	650	960		
1190	5400	15200	13000	9450	7370	5800	4700	4050	3850		
1340	1600	1830	1730	1640	1380	1100	1230	1300	1300		
1265	1230	1035	970	930	1230	1085	930	810	890		
1220	1080	1080	1080	1150	1230	1300	1450	1300	1220		
839	839	961	1030	961	961	898	961	1030	961		
869	859	867	886	830	790	788	683	767	957		
869	858	863	857	827	870	890	895	867	849		
675	742	884	856	860	962	780	785	887	675		
977	956	909	802	740	652	698	677	750	775		
1002	990	928	882	841	818	711	548	528	564		
2470	2246	1900	1627	1478	1384	1650	1568	1511	1585		
1619	5726	3063	2350	1690	1564	1601	1236	1514	1494		
826	756	812	411	818	620	659	717	681	745		
759	893	821	890	1177	1130	968	801	762	992		
1458	1391	1485	1229	1082	913	841	684	719	711		
755	757	823	805	971	939	1028	922	1016	915		
1970	1570	1370	1686	2075	2453	1941	1691	1692	2697		
2999	3208	2745	2307	2235	2821	3364	3341	3448	3900		
831	889	881	838	874	831	880	831	796	572		25,202
665*	665*	665*	665*	665*	672	810	700	698	688		19,248
683	742	697	790	876	828	729	860	742	708		22,709
398	357	310	268	344	643	725	675	538	586		15,612
890	870	837	687	789	699	826	808	834	888		28,239
705	794	645	764	754	751	760	624	912	806		23,842
897	874	829	839	875	795	812	817	761	776		24,722
659	642	658	712	710	638	663	666	552	387		19,124
611	600	604	555	594	590	473	414	414	420		18,300
1681	1649	1216	1007	1038	1067	972	961	882	816		24,914
1107	847	751	825	881	877	908	903	927	1113		33,697
561	615	546	670	649	655	703	630	705	658		19,499
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	2600
1900	1050	1050	990	1050	1050	1050	1050	1050	1050	990	990	1460
1901	1150	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	1360	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	785	898	1100	1030	961	783	731	683	638	783	961
1915	859	812	947	1000	1103	985	949	918	892	843	790	784
1916												
1917	747	982	1088	1185	1117	1034	901	698	493	859	949	976
1918	2121	1942	1323	915	885	972	1042	827	985	1022	917	909
1919	829	842	896	927	955	1092	1090	1084	926	901	807	723
1920	829	989	1058	918	836	852	836	786	733	628	673	752
1921	1236	1260	1249	1211	1168	1011	951	817	672	1019	1222	1225
1922												
1923	3353	3890	2723	1816	1582	1435	1470	1310	1218	1350	1360	1552
1924	709	688	650	716	649	1000	662	821	784	612	670	655
1925	991	710	685	646	662	798	999	1103	819	615	486	524
1926	680	847	950	936	793	796	798	751	772	647	672	754
1927	967	1522	2346	1549	1348	1231	1128	1042	937	926	888	999
1928												
1929	5325	2469	2521	2703	2522	2191	2020	1506	1174	1240	1088	1471
1930	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804	1534
1931	540	736	444	572	404	619	634	685	813	857	968	974
1932	586	719	640	575	609	732	688	696	686	941	2221	1670
1933	678	749	842	975	938	911	835	685	604	575	752	920
1934												
1935	380	445	563	835	610	462	582	513	572	431	416	532
1936	729	763	841	828	819	632	562	613	426	366	290	300
1937	765	690	740	805	802	652	809	837	767	781	795	821
1938	814	823	778	850	869	814	793	608	726	668	602	586
1939	444	399	403	424	575	679	729	656	811	725	657	833
1940	581	578	614	581	518	513	779	818	801	654	530	534
1941	630	675	643	684	679	647	692	404	734	596	2998	10641
1942												
1943	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043	903
1944	534	617	592	592	586	575	715	644	640	934	1197	1096
1945	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
580	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	820	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	850	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
607	723	774	838	947	895	787	717	617	664	712	745	757
873	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	688	910	1112	800	788	799	804	862	988	1017	1008
657	833	808	739	611	388	339	350	361	339	550	578	490
530	534	659	553	701	851	822	785	720	742	756	710	755
2998	10641	7374	4097	2965	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	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	950	800	950	990	
890	1080	1200	1430	1350	1200	1130	1130	955	950	1020	
1100	1120	1190	1190	1270	1230	1270	1220	1040	605	1000	
	945			752			750			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	677	25,604
550	518	480	570	678	737	798	851	855	686	643	18,676
756	710	755	663	723	728	698	667	478	670	596	20,778
1226	1161	1291	1288	1111	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
1004	1168	1185	1248	1127	1173	1073	1280	1068	968	1071	28,317

1	2	3	4	5	6	7	8	9	10	11	12	13	14
953	664	662	690	704	967	890	959	778	857	761	699	622	926
612	612	612	927	737	737	737	999	1000	1157	1052	1051	841	946
4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519
998	895	979	759	575	685	876	673	670	671	674	676	684	688
796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300
2583	2013	2128	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057
820	1062	923	620	688	986	1017	1018	905	903	1186	1033	1074	1052
661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1005	866
866	878	818	730	730	825	800	822	861	868	773	760	777	824
641	735	654	772	509	645	847	894	903	955	952	707	558	884

817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1469	1238
1196	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861
1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445
764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785
799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131
1093	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961
1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423
878	983	1021	857	836	842	747	913	727	917	666	601	670	902
759	801	827	862	873	883	885	890	862	832	801	770	734	669
833	747	675	1415	1134	1344	1272	1181	1267	1258	1091	990	1165	917

1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480
873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479
3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525	3825	3899
872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012
903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1746	1707
1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566
1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490
1087	1173	1121	1096	966	976	973	994	997	978	994	1005	1015	1087	1060
1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195
2698	2310	2377	2328	2154	2618	2476	2333	2250	2232	1929	1679	1486	1615	1505

NATURAL FLOW OF BOISE RIVER
BEGINNING 1941

	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	JANUARY													
2	926	1076	929	927	878	884	888	890	886	884	917	1030	1215	1172
1	946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172
4	1519	1550	1636	1300	1100	1315	2010	2179	3728	4603	4259	3563	3199	2987
4	688	962	934	945	1042	827	824	822	722	730	940	827	828	823
2	1300	1461	1305	1169	1052	1034	1035	704	830	739	663	816	806	737
8	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073
4	1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157
5	866	810	842	940	948	964	827	872	924	1244	1208	1030	906	760
7	824	830	850	841	814	785	780	788	806	811	793	732	686	719
8	884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1237	1251

	FEBRUARY													
69	1238	1123	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284
18	861	997	1179	1011	892	739	753	806	1477	1051	1150	952	922	941
48	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870
73	785	906	1053	867	858	979	842	847	622	916	794	919	798	797
99	3131	2857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969
41	961	1074	1366	1281	1232	956	1237	1239	1219	1257	1287	1482	1546	1607
90	2423	2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961
70	902	970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509
34	669	682	694	682	691	753	792	841	846	846	871	901	916	929
65	917	1112	1199	1205	1202	1207	1299	1223	1221	1410	1412	1935	2020	1996

	MARCH													
72	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101
52	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305	1575	1447	1464	1476
25	3825	3899	3451	3161	2860	2606	2820	2026	2818	2119	2521	3009	3789	5285
74	1248	1012	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154
26	1746	1707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2530
48	4131	3566	3217	2843	2526	2803	4144	5164	5371	5061	5103	4335	3767	4216
14	2004	2490	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541
15	1087	1060	1126	1145	1137	1121	1086	1063	1001	1117	1133	1421	1342	1344
77	2164	2195	2425	2731	2890	2995	3221	3356	3362	3405	3446	3169	2970	2672
86	1615	1505	1502	2181	3880	4755	3658	3185	3006	2879	2729	2772	2856	2715

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
704	830	739	663	816	806	737	774	772	684	876	28,135
940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
1132	1276	865	1119	1114	1125	1157	913	921	986	908	30,181
872	924	1244	1208	1030	906	760	481	545	766	909	32,761
788	806	811	793	732	686	719	722	727	765	738	24,519
1300	1874	2235	2173	1789	1237	1251	1182	1271	1019	833	31,594
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
1302	1115	1086	1077	1051	836	969	1056				40,062
1239	1219	1257	1287	1482	1546	1607	1609				32,902
1741	1834	1951	2029	1972	1832	1961	1578				43,639
1102	1326	1819	1458	1222	1309	1509	1340	1203			30,240
841	846	846	871	901	916	929	945				22,837
1223	1221	1410	1412	1935	2020	1996	1975				35,705
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
1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
1063	1001	1117	1133	1421	1342	1344	1381	1543	2076	2080	36,698
3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
3185	3006	2879	2729	2772	2856	2715	2552	2323	1969	2237	77,279

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	8215
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045
1946	6008	4982	4552	4717	4841	5216	6160	6164	6222	5847	5218	5919	7596
1947	4810	4145	4006	3747	3576	3468	3305	3129	2954	2778	2635	2807	3063
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761
1950	2888	3787	4628	4125	4107	3894	4251	4659	5177	4667	5832	5720	6521

1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5127	7386
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144
1943	13118	14472	15282	15085	15650	14752	21884	11194	10220	10225	9810	9272	8431
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230
1946	11798	10583	10259	10837	12416	13481	12844	13260	12128	11745	10582	10286	9306
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473
1948	4839	4538	3728	4393	4204	4307	5353	6539	6472	5797	5101	4613	5081
1949	8043	7824	7289	6740	6507	6212	6294	7196	8178	9129	9835	10188	11441
1950	5296	6068	5497	6494	5131	5004	4335	4258	5085	4557	5345	5562	6933

1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	5120	5
1942	6271	5752	5626	5932	6318	6766	8006	9385	9868	9502	8497	7225	6400	6
1943	15587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	11513	11
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4137	4
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6
1946	7950	7533	7764	9114	10131	9775	8965	8249	7785	7505	7573	6965	6209	6
1947	7015	6887	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	4395	4
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	83
1949	8708	7602	6441	5588	5222	5867	6323	6598	6795	7171	7009	7447	6908	62
1950	10066	10139	10220	10932	10648	10879	11713	11063	9479	8073	7511	8098	8915	78

10	11	12	13	14	15	16	17	18	19	20	21	22	23
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APRIL

830	3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452
444	6081	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562
207	16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208
605	2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613
329	2057	2075	2045	1985	2296	2082	2706	2855	3445	4460	6135	7701	6650
847	5218	5919	7596	10219	12352	13581	14780	17389	18812	18660	15103	13559	11548
778	2635	2807	3063	3230	4470	5633	6148	6379	6440	6284	6171	6318	6123
190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6896	6096	9614	8938
527	6860	7696	7761	5943	5790	5886	7130	7765	9413	10308	8503	7089	8258
667	5832	5720	6521	7448	7513	7141	8013	8713	9288	8968	9687	11164	11175

MAY

4308	4367	5127	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676	664
4349	4477	4364	4144	4097	4044	4151	4093	3815	3906	3693	4044	4664	6595	916
10225	9810	9272	8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237	12494
5168	5134	5178	5509	6077	7059	7632	7270	6542	5688	5076	4361	4248	4142	3824
9218	10489	9101	8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600
11745	10582	10286	9306	9563	9170	9087	9507	10011	10750	10746	10134	9995	10297	9414
11347	10891	9953	8473	7965	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407
5797	5101	4613	5081	5491	6409	7046	8026	10024	11750	12004	11158	9708	9347	9066
9129	9835	10188	11441	11785	12313	12729	11484	11045	11133	10828	10219	9157	8361	8248
4557	5345	5562	6933	9553	11897	13385	13675	12924	12287	9602	8307	10851	12138	13535

JUNE

5148	4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436	3300
9502	8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427	4650
8370	9666	10493	11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859	10635
4943	4477	4254	4137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924	3606
8299	7485	6911	6696	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317	7137
7505	7573	6965	6209	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827	5035
6867	5991	5421	4395	4743	4539	4785	4962	5051	5334	5103	4813	4215	3548	3663
10534	10190	9669	9047	8398	7682	7075	6428	5872	5495	4918	5009	5523	4938	4634
7171	7009	7447	6908	6266	5531	4828	4980	4145	3728	3705	3597	3301	3091	3292
8073	7511	8098	8915	7834	8115	8634	9085	9759	8926	9710	9794	10313	10051	8978

20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
70	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		94,150
58	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		170,811
50	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		503,266
74	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		82,000
60	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		101,184
60	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
84	6171	6318	6123	6002	5480	5356	5760	6191	6991	7300		144,699
96	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
908	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
968	9687	11164	11175	11063	8717	8276	7747	7186	6576	6012		204,893
5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,838
7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
5076	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
5903	5382	5033	4993	5600	6638	6372	6538	6147	6452	6932	7120	236,573
0746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
6705	7403	7922	7782	7407	7316	7543	7862	8080	7846	6708	6497	272,882
2004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
0828	10219	9157	8361	8248	7608	8249	8084	9373	9402	9520	9017	283,431
9602	8307	10851	12138	13535	13021	11443	11009	11542	11799	11588	11627	279,748
4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
2584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
5054	5103	5241	4827	5035	4566	3994	3917	3468	3540	3407		189,412
5103	4813	4215	3548	3663	3798	3631	3738	3439	2971	2842		148,619
4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
3705	3597	3301	3091	3292	3073	3074	2960	2558	2418	2328		150,554
9710	9794	10313	10051	8978	7663	6895	5212	6531	7034	8135		270,405

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1941	2322	2243	2039	1927	1952	1710	1674	1575	1513	1437	1337	1296	1213
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1998	1857	1698	1642
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2409	2555
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2373	2385	2246	1949
1947	2727	2594	2681	2701	2632	2476	2407	2450	2533	2120	2258	2132	1840
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814
1949	2345	2243	2200	2079	2070	2094	2268	2117	1900	1699	1705	1663	1639
1950	8217	8402	7729	7180	6707	6330	6036	5799	5235	4788	4579	4039	3874

1941	943	873	856	848	786	713	736	738	716	702	682	1339	1262	11
1942	1051	1009	1000	1009	967	972	930	893	929	862	878	784	756	7
1943	2477	2514	2409	2330	2308	2173	2044	1875	1896	2060	1656	1539	1630	16
1944	1012	1000	1042	1027	1002	956	859	783	814	790	770	767	687	6
1945	1093	1020	1077	1025	961	978	949	1246	915	915	970	929	912	8
1946	1283	1291	1282	1249	1224	1116	1099	1089	1088	963	934	901	896	8
1947	1040	1022	973	900	909	872	838	748	790	737	721	714	644	6
1948	870	957	887	823	745	884	935	836	848	825	848	859	792	74
1949	838	785	764	646	594	604	557	571	625	625	608	662	707	72
1950	1656	1530	1525	1401	1552	1840	1590	1597	1274	1350	1471	1447	1300	140

1941	658	634	632	650	640	655	646	627	643	655	653	642	669	698
1942	617	631	599	595	588	558	553	521	515	500	530	554	592	624
1943	1173	1175	1155	1136	1100	1076	1048	1022	1013	957	922	914	882	917
1944	476	473	489	551	574	627	650	640	645	603	568	557	517	509
1945	610	613	606	604	569	586	584	577	609	568	575	611	579	594
1946	804	741	722	720	681	710	724	794	869	865	824	778	717	695
1947	583	614	596	570	605	589	585	630	617	645	652	640	701	705
1948	620	612	606	610	616	620	616	620	620	559	560	570	630	603
1949	544	544	528	513	489	434	437	433	450	524	541	613	630	621
1950	811	714	821	642	508	516	496	541	1024	1752	1297	929	756	984

NATURAL FLOW OF BOISE RIVER BEGINNING 1941

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
JULY														
296	1213	1239	1233	1251	1217	1219	1147	1113	1090	1041	994	966	947	900
238	2108	2075	1899	1811	1790	1696	1591	1530	1473	1450	1417	1356	1337	1280
508	5908	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563
698	1642	1590	1519	1482	1511	1455	1401	1317	1284	1347	1321	1293	1251	1259
409	2555	2355	2179	2136	2081	1791	1789	1709	1623	1644	1504	1535	1447	1328
246	1949	1915	1811	1658	1687	1744	1645	1532	1456	1553	1504	1382	1342	1286
132	1840	1871	1856	1816	1783	1801	1678	1494	1436	1402	1356	1253	1209	1146
118	1814	1736	1500	1565	1577	1497	1354	1350	1365	1348	1296	1181	1125	1020
663	1639	1500	1431	1390	1295	1296	1155	1083	1083	1080	1099	1043	973	927
039	3874	3507	3215	3369	3035	2818	2518	2402	2319	2270	2040	2003	1953	1902

AUGUST														
339	1262	1140	899	839	852	890	1240	962	832	879	800	714	860	776
784	756	742	745	729	674	688	648	611	596	625	597	623	626	596
539	1630	1644	1636	1618	1594	1521	1514	1457	1400	1366	1315	1304	1280	1278
767	687	650	649	638	631	634	626	616	581	542	536	547	534	523
929	912	882	814	799	769	750	759	726	727	710	714	720	679	646
901	896	854	844	847	814	794	753	780	735	768	802	804	835	861
714	644	654	663	672	637	619	613	589	579	586	569	555	586	567
859	792	745	734	737	753	742	723	679	690	670	679	684	680	677
662	707	727	767	764	828	831	763	718	654	611	594	572	560	551
447	1300	1400	1136	1127	1017	1026	949	1001	994	1049	945	1009	1094	893

SEPTEMBER														
642	669	698	742	747	740	727	686	699	710	726	726	728	728	731
554	592	624	632	638	623	623	601	620	635	652	666	615	604	572
914	882	917	926	889	862	817	783	787	758	828	858	840	891	815
557	517	509	487	455	477	474	547	606	663	707	689	672	658	636
611	579	594	563	557	578	589	624	630	644	691	829	875	951	963
778	717	695	654	661	670	725	793	857	893	893	889	892	827	783
640	701	705	686	656	637	591	636	627	606	607	615	617	617	619
570	630	603	592	581	525	507	499	474	508	483	504	538	562	550
613	630	621	637	568	556	557	502	505	489	474	485	503	508	507
929	756	984	902	843	839	804	841	850	846	769	716	712	678	700

21	22	23	24	25	26	27	28	29	30	31	TOTAL
1090	1041	994	966	947	900	891	1141	1079	1040	920	41,666
1473	1450	1417	1356	1337	1280	1290	1198	1161	1151	1045	68,726
4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
1284	1347	1321	1293	1251	1259	1179	1149	1118	1029	1024	53,191
1623	1644	1504	1535	1447	1328	1282	1212	1209	1232	1191	69,904
1456	1553	1504	1382	1342	1286	1333	1380	1414	1356	1285	63,597
1436	1402	1356	1253	1209	1146	1140	1105	1006	1052	1092	57,047
1365	1348	1296	1181	1125	1020	920	914	969	968	864	53,489
1083	1080	1099	1043	973	927	925	945	930	894	878	45,949
2319	2270	2040	2003	1953	1902	1736	1862	1755	1678	1559	120,856
832	879	800	714	860	776	781	787	749	724	686	26,603
596	625	597	623	626	596	605	568	578	593	603	23,487
1400	1366	1315	1304	1280	1278	1244	1234	1211	1179	1172	51,878
581	542	536	547	534	523	529	518	537	539	503	21,842
727	710	714	720	679	646	623	584	588	590	588	25,658
735	768	802	804	835	861	868	876	874	834	829	29,187
579	586	569	555	586	567	546	521	510	553	598	21,525
690	670	679	684	680	677	667	652	644	636	628	23,529
654	611	594	572	560	551	566	544	539	556	541	20,262
994	1049	945	1009	1094	893	863	960	801	730	724	37,251
710	726	726	728	728	731	727	711	714	715		20,659
635	652	666	615	604	572	557	575	536	544		17,670
758	828	858	840	891	815	850	874	882	899		28,049
663	707	689	672	658	636	624	630	620	560		17,384
644	691	829	875	951	963	782	675	681	656		19,573
893	893	889	892	827	783	742	681	682	681		22,967
606	607	615	617	617	619	592	594	582	590		18,604
508	483	504	538	562	590	725	757	806	760		17,873
489	474	485	503	508	507	503	466	472	534		15,567
846	769	716	712	678	700	750	801	852	938		24,632

YEAR	12	2	3	4	5	6	7	8	9	10	11	12	13
1941	718	694	674	665	691	724	752	797	732	715	591	676	783
1942	567	748	695	662	697	665	659	684	455	501	459	605	740
1943	696	781	752	808	678	450	1043	864	845	766	907	1228	940
1944	571	583	702	630	554	718	635	636	619	646	652	635	617
1945	353	745	778	774	726	715	716	722	581	601	570	773	696
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931
1947	536	648	559	703	619	638	645	518	632	876	803	947	941
1948	631	616	536	551	715	779	728	755	791	697	698	742	742
1949	513	562	575	793	753	948	943	896	835	860	996	849	858
1950	1049	1161	967	968	1027	995	1027	1090	1056	1262	1146	973	950

1941	781	821	822	930	1393	1076	1022	894	905	852	802	903	730
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819
1946	1031	1033	929	844	934	947	1063	971	983	972	1028	937	844
1947	1073	1003	1003	992	911	999	970	1097	1051	961	949	985	859
1948	813	1214	1689	1177	1010	947	883	771	765	779	812	817	856
1949	805	710	716	824	700	690	700	779	995	1043	1022	821	885
1950	1399	2008	1950	1257	1357	1273	1471	1657	1649	1368	1257	1343	1126

1941	943	947	1661	4605	3137	2036	1837	1555	1400	1485	1458	1237	1309	1
1942	1854	1741	1385	1159	1017	1168	1147	1262	1194	1217	1312	1212	1225	1
1943	939	1182	1062	1062	977	1055	965	803	1048	807	656	746	746	
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	
1946	1395	1386	1266	1300	1144	1450	1479	1417	1194	1303	1409	1941	3056	40
1947	1239	1165	1100	920	1078	1117	954	951	908	957	622	838	709	9
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	9
1949	1303	1123	1148	775	804	855	790	842	891	780	701	626	650	9
1950	1403	1398	1485	1441	1551	1450	1561	1878	1631	1645	1759	1651	1474	210

NATURAL FLOW OF BOISE RIVER BEGINNING 1941

12	13	14	15	16	17	18	19	20	21	22	23	24	25
OCTOBER													
676	783	804	698	802	2533	1954	1566	1420	1187	922	936	850	694
605	740	744	844	563	683	718	692	895	720	764	720	760	651
1228	940	1122	939	927	1006	876	1012	883	1121	1084	1085	1054	1188
635	617	611	652	642	821	807	673	632	598	664	671	674	693
773	696	542	865	746	689	777	846	792	814	838	768	797	776
991	931	898	932	865	995	910	995	925	936	1134	1256	1407	1281
947	941	874	777	822	2138	1453	1233	1063	981	1002	977	947	915
742	742	750	748	751	778	783	780	781	782	722	738	741	735
849	858	816	827	851	825	834	746	748	753	812	826	825	852
973	950	930	967	971	971	971	971	971	971	974	973	972	972

NOVEMBER													
903	780	894	1387	2533	1954	1566	1420	1187	922	936	850	694	863
747	707	842	944	1562	1158	1186	1150	1007	857	703	858	1128	1793
1240	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968
1039	928	975	860	870	745	682	577	656	681	731	722	699	802
1072	819	840	941	957	992	888	936	976	839	675	580	875	1004
937	844	850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608
985	859	985	970	993	1022	928	1024	865	754	883	655	771	1011
817	856	912	932	981	916	883	854	838	818	790	808	803	813
821	885	840	906	817	846	715	809	684	841	645	804	1409	1474
1343	1126	1303	1186	1129	1172	1419	1649	1540	1597	1879	1277	1272	1388

DECEMBER													
1237	1309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657
1212	1225	1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644
746	746	746	770	748	759	939	974	1002	1003	1186	1003	943	1056
352	396	406	464	505	765	610	640	866	1052	818	1137	906	839
856	664	571	568	707	645	1040	833	691	898	893	1243	1173	1130
1941	3056	4053	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439
838	709	995	922	901	811	959	991	844	951	798	792	974	746
952	988	999	980	942	892	767	720	739	713	673	702	697	664
626	650	903	718	817	809	934	656	565	728	778	931	906	764
1651	1474	2107	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304

20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1420	1187	922	936	850	694	863	958	909	675	1000	871	31,600
895	720	764	720	760	651	626	702	792	737	835	699	21,282
883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
632	598	664	671	674	693	659	958	436	669	638	718	20,414
792	814	838	768	797	776	785	800	781	802	819	924	22,911
925	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
781	782	722	738	741	735	736	734	675	686	685	735	22,321
748	753	812	826	825	852	818	642	689	752	835	780	24,612
971	971	974	973	972	972	991	1168	1274	1525	1685	1832	33,760
1187	922	936	850	694	863	958	909	675	1000	871		31,600
1007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
1141	1106	985	1056	1056	968	1056	959	955	909	935		35,352
656	681	731	722	699	802	716	741	747	600	581		26,099
976	839	675	580	875	1004	991	1061	1096	1094	905		26,835
2186	1660	1484	1328	1706	1608	1603	1713	1457	1522	1676		36,107
865	754	883	655	771	1011	993	1032	1081	973	998		28,797
838	818	790	808	803	813	831	815	818	830	784		26,959
684	841	645	804	1409	1474	1367	1290	1347	1205	917		27,606
1540	1597	1879	1277	1272	1388	1383	1359	1278	1232	1298		42,476
2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
942	994	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,884
866	1052	818	1137	906	839	783	615	621	588	906	826	21,451
691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
1845	1792	1550	1306	1384	1439	1319	1319	1286	1137	948	865	54,696
844	951	798	792	974	746	737	736	779	961	790	513	27,758
739	713	673	702	697	664	652	681	743	804	861	875	25,547
565	728	778	931	906	764	779	795	975	775	739	748	25,608
1181	1537	1246	1326	1283	1304	1502	1148	770	907	1599	1440	44,319

YEAR	TOTAL MONTHLY FOR IRRIGATION						
	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	50810	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	292378	501862
1925-26	58400	52394	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	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

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

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
113900	425740	608020	731400	356160	109940	68900	2,915,442
305220	380020	510720	300640	84156	53496	51196	2,177,972
179320	305940	626460	287420	116400	52222	43944	1,985,996
88920	211470	353460	287160	106720	49496	40914	1,478,636
143360	448220	520620	601880	147580	53000	46344	2,269,936
262140	671840	828600	521060	201920	71972	43830	3,017,216
101900	176200	229820	247660	78860	39870	34660	1,183,050
101100	337920	428100	346980	162900	52410	41090	1,702,950
346120	673380	683520	534560	335640	102600	62066	3,207,016
141130	382540	370360	324880	198500	64920	55524	1,845,534
232840	472120	605240	655220	226800	63690	57220	2,747,690
566900	609980	513560	310360	110040	53970	56390	2,758,160
159570	323960	549120	740860	233040	74906	59728	2,494,344
99580	342620	684180	677560	173980	83380	66080	2,478,710
101800	374960	573740	413420	158660	82964	54290	2,060,494
216040	469040	553660	307700	124130	58742	52654	2,133,214
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
151896	249648	229216	86240	37252	22622	24966	1,106,080
83150	299458	428528	363262	97334	39022	30052	1,585,108
100060	377594	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

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LOW OF BOISE RIVER - IN ACRE FEET

CHART # 4

YEARS BEGINNING 1894 - 1895.

May	June	July	August	September	TOTAL
95220	225700	152380	63620	58000	1,559,520
55380	1464280	385520	81960	57500	3,301,340
60800(6)	415000(5)	143300	67250	62520	2,045,910
820280	299360	116848	45708	39168	1,482,884
608020	731400	356160	109940	68900	2,915,442
510720	300640	84156	53496	51196	2,177,972
626460	287420	116400	52222	49944	1,985,996
853460	287160	106720	49496	40914	1,478,636
520620	601880	147580	53000	46344	2,269,936
828600	521060	201920	71972	43830	3,017,216
229820	247660	78860	39870	34660	1,183,050
428100	346980	162900	52410	41090	1,702,950
683520	534560	335640	101600	62066	3,207,016
370360	324880	198500	64920	55524	1,845,534
605240	655220	226800	63690	57220	2,747,690
523560	310360	110040	55970	56390	2,758,160
549120	740860	233040	74906	59728	2,494,344
684180	677560	173980	83380	66080	2,478,710
573740	413420	158660	82964	54290	2,060,494
553660	307700	124130	58742	52654	2,133,214
274130	191900	83978	40926	39672	1,194,106
563720	594764	293818	80102	53680	2,593,206
654106	643322	260216	65224	43950	2,257,786
409954	461268	112120	56300	49922	2,032,820
509192	240872	69736	36404	34262	1,674,800
449730	333468	117328	40586	39034	1,548,852
824032	718728	175390	63068	48784	2,905,228
552674	659854	148066	65210	47974	2,160,833
454010	376208	192504	67552	42946	1,766,536
243200	76792	35296	24426	25320	892,242
700486	367370	152598	60730	47302	2,336,520
247704	105072	41132	30872	29480	1,113,374
665294	725602	233700	74786	55734	2,677,270
852194	305656	118292	51462	41304	2,438,946
359418	225896	98288	36822	32488	1,336,000
295246	257382	79234	43256	34720	1,342,541
251538	110862	34670	23156	24046	946,844
564176	458224	154298	52212	41746	1,916,880
341610	538198	99610	40282	35556	1,580,350
229216	86240	37252	22622	24966	1,106,080
428528	363262	97334	39022	30052	1,585,108
625906	319284	82558	43272	40936	1,990,794
381192	178996	60820	25996	25958	1,167,414
711314	558138	201292	71190	46910	2,625,882
341836	136300	60358	28454	30436	1,379,002
434480	227258	64468	31480	38986	1,612,348

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

TOTAL MONTHLY FLOW OF BOISE RIVER - I

FOR IRRIGATION YEARS BEGINNING 1

YEAR	October	November	December	January	February	March	April	May
1940-41	53,168	59,764	56,634	54,260	65,368	113,448	188,300	365,336
1941-42	48,552	63,200	106,838	62,182	62,162	87,804	341,622	325,676
1942-43	42,564	64,068	81,782	153,190	116,564	235,138	1,006,532	722,804
1943-44	61,802	70,704	55,768	49,412	52,610	68,094	164,000	303,208
1944-45	40,828	52,198	42,902	56,270	80,144	99,160	202,368	473,146
1945-46	45,822	53,670	74,712	79,530	65,804	218,604	639,804	651,660
1946-47	67,394	72,214	109,392	60,362	87,278	181,276	289,398	545,764
1947-48	56,244	57,582	55,516	65,522	60,480	73,396	264,424	505,792
1948-49	44,642	53,918	51,094	49,038	45,674	146,834	416,548	566,862
1949-50	49,224	55,212	51,216	63,188	71,410	154,558	409,786	559,496

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET (Continued)

FOR IRRIGATION YEARS BEGINNING 1894-1895

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February	March	April	May	June	July	August	September	TOT
65,368	113,448	188,300	365,336	266,776	83,332	53,206	41,318	1,400,
62,162	87,804	341,622	325,676	362,374	137,452	46,974	35,340	1,680,
116,564	235,138	1,006,532	722,804	627,754	359,598	103,756	56,098	3,569,
52,610	68,094	164,000	303,208	247,726	106,382	43,684	34,768	1,258,
80,144	99,160	202,368	473,146	405,996	139,808	51,316	39,146	1,683,
65,804	218,604	639,804	651,660	378,824	137,194	58,374	45,934	2,449,9
87,278	181,276	289,398	545,764	297,238	114,094	43,050	37,208	1,904,6
60,480	73,396	264,424	505,792	459,706	53,489	23,529	17,873	1,693,5
45,674	146,834	416,548	566,862	301,108	91,898	40,464	31,126	1,839,2
71,410	154,558	409,786	559,496	540,810	241,712	74,502	49,264	2,320,3

RIVER - IN ACRE FEET (Continued)

Chart No. 4-A

CINNING 1894-1895

May	June	July	August	September	TOTAL
365,336	266,776	83,332	53,266	41,318	1,400,910
325,676	362,374	137,452	46,974	35,340	1,680,172
722,804	627,754	359,598	103,756	56,098	3,569,848
303,208	247,726	106,382	43,684	34,768	1,258,158
473,146	405,996	139,808	51,316	39,146	1,683,282
651,660	378,824	137,194	58,374	45,934	2,449,932
545,764	297,238	114,094	43,050	37,208	1,904,668
505,792	459,706	53,489	23,529	17,873	1,693,553
566,862	301,108	91,898	40,464	31,126	1,839,206
559,496	540,810	241,712	74,502	49,264	2,320,378

No.	Name of Canals	1	2	3	4	5	6	7	8	9
1.	New York Canal (MC #2)	1096	1137	1101	1097	1090	1101	1101	1105	1112
2.	Penitentiary	0	0	0	0	0	0	0	0	0
3.	Bubb (South Boise)	0	0	0	0	0	0	0	0	0
4.	Ridenbaugh	0	0	0	0	0	0	76	100	119
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	0	0	0	0	0	0	0	0	0
9.	Farmers Union & B. V.	0	0	0	28	28	44	44	44	44
10.	New Union	0	0	0	0	0	0	0	0	0
11.	New Dry Creek	0	0	0	0	0	0	0	0	0
12.	Ballantine	0	0	0	0	0	0	0	0	0
13.	x Middleton Canals	0	0	0	0	0	0	0	0	0
14.	Little Pioneer	0	0	0	0	0	0	0	0	0
15.	Canyon County	0	0	0	0	0	0	0	0	0
16.	x Eagle Island Canals	0	0	0	0	0	0	0	0	0
17.	Phyllis	0	0	40	50	110	100	100	116	124
18.	Eureka #1	0	0	0	0	0	0	0	0	180
19.	Caldwell High Line	0	0	0	0	0	0	32	32	32
20.	Sebree (Farmers Coop.)	0	0	0	0	0	0	0	0	0
21.	Campbell	0	0	0	0	0	0	0	0	0
22.	Siebenberg	0	0	0	0	0	0	0	0	0
23.	Riverside #2	0	0	0	0	0	0	0	0	0
24.	Pioneer Dixie	0	0	0	0	0	0	0	0	0
25.	Eureka #2	0	0	0	0	0	0	0	0	0
26.	Upper Center Point	0	0	0	0	0	0	0	0	0
27.	Lower Center Point	0	0	0	0	0	0	0	0	0
28.	x Miscellaneous	0	0	0	0	0	0	0	0	0
	Total Canal Diversions	1096	1137	1141	1175	1228	1245	1321	1397	1431
29.	River at Notus	862	1710	2300	2860	3500	4220	4740	4920	5110
	Totals	1958	2847	3441	4035	4728	5465	6061	6317	6541
										1244
										5680
										6924

x Middleton Canals include - Middleton Irrigation Association & Middleton Mill Ditch Co.

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Davis.

x Miscellaneous Canals include - Meeves, Bossi Mill, Davis, Little Davis & Jacobs or Julia Davis.

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1950, INCLUDING STORA

APRIL

6	7	8	9	10	11	12	13	14	15	16	17	18	19
1101	1101	1105	1112	860	581	581	581	800	800	422	422	688	102
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	11	11	11	11	11
0	76	100	119	128	159	185	181	177	199	205	239	241	237
0	0	0	0	0	0	0	0	0	0	22	44	44	47
0	0	0	0	0	0	0	0	0	15	15	19	19	19
0	0	0	0	0	0	0	0	0	12	12	12	12	12
44	44	44	44	44	44	117	127	57	0	0	0	0	0
0	0	0	0	0	0	0	0	0	57	57	101	101	101
0	0	0	0	0	0	0	0	0	12	12	12	14	14
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	53	53	53
0	0	0	0	0	0	0	0	0	0	0	0	0	18
0	0	0	0	0	0	0	0	0	0	0	44	44	44
100	100	116	124	180	180	188	215	215	19	21	26	30	30
0	0	0	0	0	0	0	0	0	225	240	271	256	261
0	0	32	32	32	32	32	32	32	0	0	0	15	15
0	0	0	0	0	0	0	0	0	32	32	32	32	32
0	0	0	0	0	0	0	0	0	0	94	94	94	94
0	0	0	0	0	0	0	0	0	0	0	9	9	9
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	68	76	74	74
0	0	0	0	0	0	0	0	0	0	0	0	20	20
0	0	0	0	0	0	0	0	0	0	0	0	25	35
0	0	0	0	0	0	0	0	0	0	0	0	10	10
0	0	0	0	0	0	0	0	0	0	0	0	13	13
0	0	0	0	0	0	0	0	10	10	12	12	12	12
1245	1321	1397	1431	1244	996	1103	1136	1281	1392	1127	1477	1817	2181
4220	4740	4920	5110	5680	5940	5870	5920	5580	5190	5440	5360	5060	5300
5465	6061	6317	6541	6924	6936	6973	7056	6861	6582	6567	6837	6877	7481

on & Middleton Mill Ditch Co.

g, Thos. Aiken, Catlin & Mace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Sucke
Little Davis & Jacobs or Julia Davis.

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS

BY DAYS DURING THE IRRIGATION SEASON OF 1950, INCLUDING STORAGE

APRIL

	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2	860	581	581	581	800	800	422	422	688	1020	1180	1198	1345	1777
	0	0	0	0	0	0	0	0	0	0	0	4	4	4
	0	0	0	0	0	11	11	11	11	11	11	11	11	11
9	128	159	185	181	177	199	205	239	241	237	287	312	349	386
0	0	0	0	0	0	0	22	44	44	47	47	47	57	57
0	0	0	0	0	0	15	15	19	19	19	21	21	21	21
0	0	0	0	0	0	12	12	12	12	12	12	12	12	12
0	0	0	0	0	0	0	0	0	0	0	14	14	14	19
4	44	44	117	127	57	57	57	101	101	101	120	143	143	180
0	0	0	0	0	0	12	12	12	14	14	14	14	12	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	16	16	16	18
0	0	0	0	0	0	0	0	53	53	53	53	170	120	120
0	0	0	0	0	0	0	0	0	0	18	23	27	32	32
0	0	0	0	0	0	0	0	44	44	44	44	49	49	60
0	0	0	0	0	0	19	21	26	30	30	30	32	32	32
24	180	180	188	215	215	225	240	271	256	261	293	299	313	329
0	0	0	0	0	0	0	0	0	15	15	15	15	15	15
32	32	32	32	32	32	32	32	32	32	32	32	37	37	37
0	0	0	0	0	0	0	0	94	94	94	94	94	121	164
0	0	0	0	0	0	0	0	9	9	9	9	12	12	12
0	0	0	0	0	0	0	0	0	0	0	4	4	4	6
0	0	0	0	0	0	0	68	76	74	74	93	98	120	121
0	0	0	0	0	0	0	0	0	20	20	20	25	25	35
0	0	0	0	0	0	0	0	0	25	35	50	50	62	62
0	0	0	0	0	0	0	0	0	10	10	10	10	13	13
0	0	0	0	0	0	0	0	0	13	13	13	13	13	13
0	0	0	0	0	0	10	10	12	12	12	16	16	17	17
31	1244	996	1103	1136	1281	1392	1127	1477	1817	2181	2521	2693	2969	3565
10	5680	5940	5870	5920	5580	5190	5440	5360	5060	5300	4920	5210	5080	4560
641	6924	6936	6973	7056	6861	6582	6567	6837	6877	7481	7441	7903	8049	8125

at Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers.
 Lia Davis.

Y CANALS

INCLUDING STORAGE

17	18	19	20	21	22	23	24	25	26	27	28	29	30
422	688	1020	1180	1198	1345	1777	2125	2363	2534	2640	2763	2819	2819
0	0	0	0	4	4	4	5	6	6	6	6	6	4
11	11	11	11	11	11	11	11	11	12	12	12	12	12
239	241	237	287	312	349	386	453	494	548	514	488	485	472
44	44	47	47	47	57	57	89	113	130	139	154	162	171
19	19	19	21	21	21	21	21	21	21	21	25	25	25
12	12	12	12	12	12	12	12	12	12	12	12	12	12
0	0	0	14	14	14	19	21	21	23	23	23	28	28
101	101	101	120	143	143	180	198	198	198	206	229	239	239
12	14	14	14	14	12	12	12	12	13	13	13	13	13
0	0	0	0	0	0	0	34	44	74	66	66	58	62
0	0	0	16	16	16	18	18	18	18	18	18	20	20
53	53	53	53	170	120	120	189	189	189	184	184	184	184
0	0	18	23	27	32	32	41	40	43	40	31	23	22
44	44	44	44	49	49	60	60	67	67	74	74	74	74
26	30	30	30	32	32	32	32	32	32	34	34	34	34
271	256	261	293	299	313	329	342	381	404	411	413	404	395
0	15	15	15	15	15	15	15	15	15	20	20	36	36
32	32	32	32	37	37	37	37	37	47	41	41	41	53
94	94	94	94	94	121	164	209	211	211	234	238	286	286
9	9	9	9	12	12	12	12	12	12	12	12	12	12
0	0	0	4	4	4	6	6	6	6	6	6	6	6
76	74	74	93	98	120	121	133	118	145	154	149	160	155
0	20	20	20	25	25	35	35	50	50	57	62	67	72
0	25	35	50	50	62	62	62	68	68	68	68	72	72
0	10	10	10	10	13	13	13	13	13	13	13	15	15
0	13	13	13	13	13	13	13	15	17	17	17	17	19
12	12	12	16	16	17	17	18	18	21	21	21	22	22
1477	1817	2181	2521	2693	2969	3565	4216	4585	4929	5056	5191	5333	5334
5360	5060	5300	4920	5210	5080	4560	4520	3970	3330	2740	2410	1990	1580
6837	6877	7481	7441	7903	8049	8125	8736	8555	8259	7796	7601	7323	6914

gh, Joplin & Seven Suckers.

Chart No. 5

	22	23	24	25	26	27	28	29	30	Total
	1345	1777	2125	2363	2534	2640	2763	2819	2819	40258
	4	4	5	6	6	6	6	6	4	51
	11	11	11	11	12	12	12	12	12	181
	349	386	453	494	548	514	488	485	472	7034
	57	57	89	113	130	139	154	162	171	1323
	21	21	21	21	21	21	25	25	25	330
	12	12	12	12	12	12	12	12	12	192
	14	19	21	21	23	23	23	28	28	228
	143	180	198	198	198	206	229	239	239	3131
	12	12	12	12	13	13	13	13	13	205
0	0	0	34	44	74	66	66	58	62	404
6	16	18	18	18	18	18	18	20	20	196
0	120	120	189	189	189	184	184	184	184	1875
7	32	32	41	40	43	40	31	23	22	372
9	49	60	60	67	67	74	74	74	74	824
32	32	32	32	32	32	34	34	34	34	484
99	313	329	342	381	404	411	413	404	395	6855
15	15	15	15	15	15	20	20	36	36	247
37	37	37	37	37	47	41	41	41	53	824
94	121	164	209	211	211	234	238	286	286	2430
12	12	12	12	12	12	12	12	12	12	156
4	4	6	6	6	6	6	6	6	6	60
98	120	121	133	118	145	154	149	160	155	1738
25	25	35	35	50	50	57	62	67	72	538
50	62	62	62	68	68	68	68	72	72	762
10	13	13	13	13	13	13	13	15	15	161
13	13	13	13	15	17	17	17	17	19	193
16	17	17	18	18	21	21	21	22	22	265
693	2969	3565	4216	4585	4929	5056	5191	5333	5334	71317
210	5080	4560	4520	3970	3330	2740	2410	1990	1580	125872
03	8049	8125	8736	8555	8259	7796	7601	7323	6914	197189

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1.	New York Canal (MC #2)	2819	2796	2785	2701	2723	2684	2572	2589	2584	2589
2.	Penitentiary	4	5	5	4	4	6	6	6	6	6
3.	Bubb (South Boise)	12	12	12	12	13	13	13	13	13	13
4.	Ridenbaugh	488	488	456	467	464	473	476	466	488	594
5.	Settlers	169	163	155	150	145	145	146	138	134	146
6.	Thurman Mill	27	27	27	29	29	27	27	27	25	25
7.	Cruzen (Consumers)	12	12	12	12	12	12	12	12	12	12
8.	Boise City	31	30	30	30	30	30	30	31	31	31
9.	Farmers Union & B. V.	205	229	203	180	192	194	191	218	218	217
10.	Little Union	14	14	14	14	14	14	14	14	14	14
11.	New Dry Creek	54	47	47	47	37	37	37	37	59	59
12.	Ballantine	20	20	20	21	21	21	21	21	21	21
13.	x Middleton Canals	171	158	146	120	107	156	161	178	183	193
14.	Little Pioneer	15	15	15	15	10	10	10	10	21	50
15.	Canyon County	74	74	72	72	72	77	77	80	80	80
16.	x Eagle Island Canals	52	52	52	52	52	52	52	52	52	52
17.	Phyllis	394	354	332	329	332	300	298	298	299	297
18.	Eureka #1	36	37	36	36	35	34	35	35	35	37
19.	Caldwell High Line	40	40	40	39	39	44	54	54	48	42
20.	Sebree (Farmers Coop.)	291	293	295	297	299	301	301	305	305	309
21.	Campbell	14	14	14	14	13	13	14	16	16	16
22.	Siebenberg	6	6	6	4	4	4	4	4	6	6
23.	Riverside #2	166	166	158	158	158	152	152	155	155	161
24.	Pioneer Dixie	75	75	83	83	83	89	89	89	89	83
25.	Eureka #2	85	85	85	90	90	93	93	93	95	95
26.	Upper Center Point	17	19	19	19	21	21	21	21	23	23
27.	Lower Center Point	19	21	21	21	21	21	21	19	19	19
28.	x Miscellaneous	28	28	28	28	28	28	28	28	29	29
	Total Canal Diversions	5338	5280	5168	5044	5048	5051	4955	5009	5060	5129
29.	River at Notus	1480	1730	1540	1250	1330	1640	1790	1760	1680	1590
	Totals	6818	7010	6708	6294	6378	6691	6745	6769	6740	6719

x Middleton Canals include - Middleton Irrigation Association & Middleton Mill Ditch Co.

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Davis

x Miscellaneous Canals include - Meeves, Bossi Mill, Davis, Little Davis & Jacobs or Julia Davis.

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1950, INCLUDING STORAGE

MAY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
2589	2584	2589	2668	2617	2607	2746	2746	2784	2813	2751	2757	2729	2769	2769
6	6	6	6	6	6	6	6	7	8	11	11	11	11	11
13	13	13	13	13	13	14	14	14	14	16	16	16	16	16
466	488	594	511	519	519	517	537	537	544	548	539	542	544	544
138	134	146	159	171	179	187	188	188	189	193	194	197	197	197
27	25	25	25	27	31	31	33	33	33	35	37	41	43	43
12	12	12	14	17	19	22	22	22	22	22	22	22	22	22
31	31	31	31	30	30	29	29	28	28	28	28	31	31	31
218	218	217	222	226	231	221	232	240	242	240	240	238	243	243
14	14	14	14	12	12	12	13	13	13	13	14	14	14	14
37	59	59	60	66	72	73	63	76	76	75	77	77	78	78
21	21	21	21	22	22	22	22	23	23	23	23	24	24	24
178	183	193	193	193	193	195	199	213	221	226	216	220	220	220
10	21	50	46	46	55	42	36	32	34	38	40	42	49	49
80	80	80	80	80	80	80	80	80	80	82	82	82	82	82
52	52	52	52	52	52	52	52	53	53	53	53	53	53	53
298	299	297	304	320	334	347	343	343	346	352	366	367	363	363
35	35	37	41	40	40	41	41	38	35	36	36	35	35	35
54	48	42	42	42	42	42	42	42	48	48	48	48	42	42
305	305	309	309	329	344	347	347	351	357	358	358	359	359	359
16	16	16	16	18	18	18	18	18	18	18	16	16	16	16
4	6	6	6	6	8	8	8	8	8	8	8	8	12	12
155	155	161	167	179	179	179	195	197	195	195	219	224	224	224
89	89	83	83	71	71	71	67	67	67	65	65	60	60	60
93	95	95	98	98	98	98	98	98	98	98	98	85	85	85
21	23	23	23	23	23	23	23	23	23	23	21	21	21	21
19	19	19	19	17	17	17	17	17	17	15	15	15	15	15
28	29	29	29	29	29	29	29	29	29	29	29	29	29	29
5009	5060	5129	5252	5269	5324	5469	5500	5572	5634	5601	5628	5606	5657	566
1760	1680	1590	1490	1420	1320	1650	2170	2460	2740	3030	2760	2680	2820	297
6769	6740	6719	6742	6689	6644	7119	7670	8032	8374	8631	8388	8286	8477	863

ill Ditch Co.

Catlin & Mace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers.

Jacobs or Julia Davis.

ORAGE

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
2757	2729	2769	2763	2700	2784	2770	2744	2774	2802	2774	2774	2774	84518
11	11	11	12	12	12	12	12	12	13	13	13	13	265
16	16	16	18	18	18	18	18	18	18	19	19	19	468
539	542	544	543	542	543	547	552	545	552	549	540	547	16087
194	197	197	197	198	198	199	199	199	199	200	200	202	5524
37	41	43	45	45	45	45	47	47	49	49	50	50	1111
22	22	22	22	22	22	22	22	22	22	22	22	22	566
28	31	31	33	33	33	33	34	34	34	35	35	34	965
240	238	243	243	242	242	244	246	246	245	247	247	251	7075
14	14	14	14	15	15	15	16	16	16	16	16	16	439
77	77	78	78	79	77	81	81	82	85	83	84	84	2068
23	24	24	24	24	25	25	25	25	25	25	25	25	704
216	220	220	226	226	227	227	232	232	234	208	210	210	6094
40	42	49	51	51	56	47	48	47	56	59	56	54	1156
82	82	82	85	85	91	91	91	91	91	91	91	91	2544
53	53	53	53	53	53	53	53	53	53	53	53	53	1628
366	367	363	362	368	391	401	446	441	450	446	427	405	11155
36	35	35	34	34	32	29	28	31	30	30	29	32	1083
48	48	42	42	42	42	48	48	48	48	48	48	50	1390
358	359	359	360	360	361	361	362	372	373	373	373	373	10482
16	16	16	16	16	15	15	15	15	15	15	18	18	492
8	8	12	12	12	12	12	12	12	12	12	12	12	258
219	224	224	224	224	242	244	244	244	244	254	254	254	6162
65	60	60	60	60	60	58	58	58	58	58	58	58	2171
98	85	85	85	85	98	98	98	98	98	98	98	92	2904
21	21	21	19	19	19	19	19	21	21	21	21	21	651
15	15	15	15	17	17	17	19	19	19	19	19	19	563
29	29	29	29	29	29	29	29	29	29	29	29	29	891
5628	5606	5657	5665	5611	5759	5760	5828	5831	5863	5874	5821	5808	169414
2760	2680	2820	2970	3120	3970	4980	4960	5060	5210	5400	5380	5440	86820
8388	8286	8477	8635	8731	9729	10740	10788	10891	11073	11274	11201	11248	256234

Seven Suckers.

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10	
1.	New York Canal (MC #2)	2830	2830	2830	2830	2830	2830	2840	2890	2936	2891	28
2.	Penitentiary	13	13	13	12	12	12	12	12	12	12	
3.	Bubb (South Boise)	19	19	19	19	15	15	12	12	10	10	
4.	Ridenbaugh	547	544	547	544	541	537	544	500	513	519	5
5.	Settlers	202	202	202	202	202	160	160	160	160	168	1
6.	Thurman Mill	50	50	50	50	50	32	28	26	26	24	
7.	Cruzen (Consumers)	22	22	22	22	22	22	22	22	22	22	
8.	Boise City	34	35	35	35	35	35	36	34	35	35	
9.	Farmers Union & B. V.	251	251	252	252	253	253	220	240	241	241	2
10.	Little Union	16	16	16	16	16	16	16	16	16	16	
11.	New Dry Creek	85	85	84	85	85	85	74	61	61	60	6
12.	Ballantine	25	25	25	25	25	24	24	24	21	12	1
13.	x Middleton Canals	211	213	211	210	220	197	193	192	115	178	17
14.	Little Pioneer	49	51	49	54	53	41	37	38	44	43	4
15.	Canyon County	100	109	98	98	98	82	74	74	74	74	7
16.	x Eagle Island Canals	54	54	54	54	54	54	54	54	54	54	5
17.	Phyllis	407	414	392	398	410	437	417	351	392	382	38
18.	Eureka #1	28	28	43	39	32	31	35	28	29	32	3
19.	Caldwell High Line	47	54	48	47	46	42	41	40	50	49	4
20.	Sebree (Farmers Coop.)	367	367	367	367	366	366	364	364	361	349	33
21.	Campbell	18	21	21	21	22	22	22	22	18	18	1
22.	Siebenberg	12	12	12	12	7	7	7	7	7	8	
23.	Riverside #2	254	254	256	256	256	256	256	251	231	233	21
24.	Pioneer Dixie	58	58	56	56	56	56	56	53	53	51	4
25.	Eureka #2	88	88	88	88	83	83	81	81	76	76	7
26.	Upper Center Point	23	23	23	23	23	23	23	18	18	15	1
27.	Lower Center Point	19	19	19	19	19	17	17	17	17	16	1
28.	x Miscellaneous	29	29	29	29	29	29	30	30	30	30	3
	Total Canal Diversions	5858	5886	5861	5863	5860	5764	5695	5617	5622	5618	557
29.	River at Notus	5460	5420	5400	5480	5520	4960	4630	4200	3870	3720	373
	Totals	11318	11306	11261	11343	11380	10724	10325	9817	9492	9338	930

x Middleton Canals include - Middleton Irrigation Association & Middleton Mill Ditch Co.

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Davis

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 1950, INCLUDING STORAGE

JUNE

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2936	2891	2886	2853	2830	2791	2740	2758	2747	2719	2696	2746	2892	2908	2858
12	12	12	12	12	11	12	12	12	12	12	12	12	12	12
10	10	10	10	10	10	12	12	12	15	15	15	15	15	18
513	519	517	515	508	521	516	516	516	520	536	555	553	565	550
160	168	173	173	173	166	168	170	170	169	178	185	194	192	192
26	24	24	22	22	22	32	32	32	37	37	37	37	41	43
22	22	22	22	22	22	22	22	21	21	21	21	21	21	21
35	35	34	31	31	31	31	31	31	31	31	32	32	32	32
241	241	242	242	243	234	237	237	187	240	251	252	257	255	258
16	16	16	16	16	13	13	14	14	14	15	15	15	15	15
61	60	60	60	52	60	60	59	58	56	55	47	47	72	79
21	12	12	12	12	8	8	8	8	12	12	14	14	14	16
115	178	179	178	147	143	151	517	147	146	151	142	140	169	140
44	43	45	31	31	31	31	54	51	51	54	53	45	58	60
74	74	74	74	67	67	67	67	63	63	74	74	74	76	78
54	54	54	54	54	54	54	54	54	54	55	55	55	55	55
392	382	382	375	333	332	318	322	316	324	335	346	364	371	378
29	32	32	28	27	26	24	23	29	25	28	29	32	34	31
50	49	42	40	39	38	37	34	33	31	30	33	32	30	33
361	349	338	338	327	311	299	299	299	299	311	303	299	299	299
18	18	18	18	16	16	15	15	15	16	16	16	18	18	18
7	8	8	8	8	8	8	8	8	8	8	8	7	7	7
231	233	213	213	213	213	213	211	207	211	211	211	211	215	215
53	51	47	47	47	47	47	49	53	53	53	57	57	57	57
76	76	72	72	72	72	76	76	76	82	82	85	85	85	88
18	15	15	15	15	15	18	18	18	21	21	21	21	21	23
17	16	16	16	14	13	9	9	9	9	9	8	8	8	11
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
5622	5618	5573	5505	5371	5305	5248	5297	5216	5269	5327	5402	5567	5674	5617
870	3720	3730	3850	2320	2000	1880	1820	1470	1250	1140	986	862	1150	1710
9492	9338	9303	9355	7691	7305	7128	7117	6686	6519	6467	6388	6429	6825	7327
														6995

Co.

ace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers.

Julia Davis.

GE

	20	21	22	23	24	25	26	27	28	29	30	Total
2746	2892	2908	2858	2886	2841	2808	2881	2875	2942	2860		85054
12	12	12	12	12	12	10	10	11	12	10		355
15	15	15	18	18	18	18	18	18	18	18		445
555	553	565	550	552	555	558	560	560	560	560		16129
185	194	192	192	191	191	182	182	180	189	193		5429
37	37	41	43	45	47	47	45	42	42	42		1114
21	21	21	21	21	21	19	19	22	22	22		645
32	32	32	32	31	31	30	30	31	33	32		977
252	257	255	258	254	248	248	248	252	254	258		7351
15	15	15	15	15	15	15	15	15	15	15		456
47	47	72	79	76	76	76	76	77	71	72		2054
14	14	14	16	16	16	18	18	18	18	18		502
142	140	169	140	138	137	137	162	175	167	192		5038
53	45	58	60	43	43	42	32	64	64	64		1406
74	74	76	78	82	85	87	89	89	82	82		2395
55	55	55	55	55	55	55	55	55	55	55		1632
346	364	371	378	376	368	357	361	375	387	396		11116
29	32	34	31	33	30	38	37	37	37	37		942
33	32	30	33	31	29	32	31	28	27	27		1121
303	299	299	299	299	299	0	293	299	314	314		9477
16	18	18	18	18	20	20	20	20	20	22		560
8	7	7	7	7	7	7	8	8	8	8		245
211	211	215	215	223	227	237	237	239	239	239		6901
57	57	57	57	61	61	63	63	63	63	63		1661
85	85	85	88	88	88	88	88	88	88	91		2474
21	21	21	23	23	23	23	23	21	21	21		609
8	8	8	11	11	13	13	14	14	17	17		417
30	30	30	30	30	30	30	30	30	30	30		894
5402	5567	5674	5617	5635	5586	5258	5645	5706	5795	5758		167399
986	862	1150	1710	1360	1120	1070	1000	1380	1640	2100		82498
6388	6429	6825	7327	6995	6706	6328	6645	7086	7435	7858		249897

ckers.

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10	11
1.	New York Canal (MC #2)	2919	2903	2891	2891	2920	2926	2903	2903	2903	2936	2897
2.	Penitentiary	10	8	8	8	8	8	9	9	9	9	9
3.	Bubb (South Boise)	18	18	18	18	18	18	18	18	18	18	18
4.	Ridenbaugh	560	552	561	556	561	565	566	565	568	564	562
5.	Settlers	197	196	199	198	202	200	200	199	199	196	196
6.	Thurman Mill	40	40	35	35	35	31	31	31	31	29	29
7.	Cruzen (Consumers)	24	24	24	24	24	24	24	24	24	19	22
8.	Boise City	32	32	32	32	32	32	32	31	32	31	31
9.	Farmers Union & B. W.	258	258	262	262	262	262	262	262	262	262	262
10.	Little Union	15	15	15	15	14	14	14	14	14	13	13
11.	New Dry Creek	72	63	71	76	77	80	70	67	76	73	72
12.	Ballantine	18	18	18	16	16	14	14	14	14	13	13
13.	x Middleton Canals	193	181	205	213	203	198	189	166	227	227	208
14.	Little Pioneer	47	49	45	42	44	44	42	42	42	33	10
15.	Canyon County	77	77	77	77	77	72	72	69	69	69	69
16.	x Eagle Island Canals	53	53	53	53	53	53	53	53	53	53	53
17.	Phyllis	407	410	426	437	439	441	444	441	439	436	418
18.	Eureka #1	37	38	38	43	43	43	44	45	45	48	46
19.	Caldwell High Line	44	43	42	41	40	44	43	42	41	42	49
20.	Sebree (Farmers Coop.)	313	351	350	350	349	356	354	354	353	338	329
21.	Campbell	22	22	24	24	24	27	27	27	27	27	29
22.	Siebenberg	8	8	8	10	10	12	12	12	12	12	10
23.	Riverside #2	239	239	239	239	233	233	233	227	227	227	221
24.	Pioneer Dixie	63	63	63	63	63	63	63	57	57	57	57
25.	Eureka #2	96	96	96	96	88	88	88	88	88	88	83
26.	Upper Center Point	23	23	23	23	23	25	25	25	25	25	28
27.	Lower Center Point	17	17	19	19	19	21	21	21	23	23	23
28.	x Miscellaneous	29	29	29	29	29	29	29	29	29	29	29
	Total Canal Diversions	5831	5826	5871	5890	5906	5923	5882	5835	5907	5897	5786
29.	River at Notus	2510	2820	2760	2320	2010	1540	1330	1130	770	718	590
	Totals	8341	8646	8631	8210	7916	7463	7212	6965	6677	6615	6376

x Middleton Canals include - Middleton Irrigation Association & Middleton Mill Ditch Co.

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Davis,

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 1950, INCLUDING STORAGE

JULY

10	11	12	13	14	15	16	17	18	19	20	21	22	23
2936	2897	2774	2701	2717	2717	2706	2711	2690	2696	2589	2519	2472	2441
9	9	9	9	9	9	9	9	9	9	9	9	9	9
18	18	18	18	18	19	19	19	19	17	17	17	17	17
564	562	564	564	560	565	560	567	562	562	562	567	565	562
196	196	196	198	196	198	199	197	196	197	197	197	196	195
29	29	31	33	33	35	35	36	36	39	39	39	37	37
19	22	22	22	22	22	22	22	26	26	26	26	26	26
31	31	31	31	31	30	30	29	30	30	31	32	32	32
262	262	262	262	257	257	257	257	249	251	254	250	247	251
13	13	13	13	13	13	13	13	12	12	12	12	12	12
73	72	62	64	62	60	59	61	60	60	61	64	64	64
13	13	13	9	9	9	9	9	7	7	12	12	15	17
227	208	176	192	165	156	160	146	132	173	157	157	170	195
33	10	10	51	62	61	58	56	44	56	58	41	30	45
69	69	74	74	77	82	82	82	94	66	60	60	67	68
53	53	53	53	53	52	52	52	52	52	52	52	52	52
436	418	412	407	412	409	404	401	394	390	356	349	352	354
48	46	44	43	28	28	29	29	27	31	32	32	32	32
42	49	42	41	41	40	40	39	39	38	38	38	34	34
338	329	311	284	274	272	266	298	297	278	289	253	272	277
27	29	29	27	27	24	24	23	23	23	23	19	19	19
12	10	10	10	10	10	10	10	9	9	9	12	12	12
227	221	220	220	220	213	213	209	209	205	025	205	215	215
57	57	52	52	52	55	55	55	55	57	57	57	57	57
88	83	0	73	75	82	88	89	89	89	89	89	91	91
25	28	28	18	18	18	18	18	18	15	15	15	15	16
23	23	25	25	25	25	25	25	25	25	25	21	21	21
29	29	29	29	29	29	29	29	29	29	29	29	28	28
5897	5786	5510	5523	5495	5490	5472	5490	5432	5443	5303	5177	5160	5177
718	590	441	325	267	229	207	195	147	120	74	66	66	68
6615	6376	5951	5848	5762	5719	5679	5685	5579	5563	5377	5243	5226	5245
													5307

Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers.
a Davis.

STORAGE

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
696	2589	2519	2472	2441	2441	2446	2472	2550	2482	2399	2410	2426	83351
9	9	9	9	9	9	9	9	9	9	9	9	9	275
17	17	17	17	17	15	15	15	15	15	15	15	15	533
562	562	567	565	562	564	562	565	562	560	555	557	535	17400
197	197	197	196	195	193	192	189	187	161	160	160	160	5946
39	39	39	37	37	43	41	41	39	39	37	37	35	1109
26	26	26	26	26	26	26	26	26	26	26	26	26	753
30	31	32	32	32	32	32	32	32	32	33	34	33	978
251	254	250	247	251	252	250	250	248	196	203	192	196	7715
12	12	12	12	12	13	13	13	13	13	13	13	14	411
60	61	64	64	64	67	64	65	66	59	61	62	61	2043
7	12	12	15	17	17	19	19	21	21	21	21	23	458
173	157	157	170	195	183	181	180	176	163	161	157	157	5547
56	58	41	30	45	45	41	45	39	0	36	47	45	1310
66	60	60	67	68	82	82	96	96	92	92	92	92	2415
52	52	52	52	52	52	52	52	52	52	52	52	52	1626
390	356	349	352	354	356	354	358	369	372	369	362	355	12273
31	32	32	32	32	33	32	33	33	33	33	33	33	1120
38	38	38	34	34	34	34	47	38	32	47	46	37	1250
278	289	253	272	277	335	327	327	332	321	327	311	311	9759
23	23	19	19	19	19	19	19	19	17	17	17	17	704
9	9	12	12	12	14	14	14	14	14	12	12	9	340
205	025	205	215	215	221	221	224	226	225	207	207	207	6844
57	57	57	57	57	57	57	55	55	55	55	55	55	1774
89	89	89	91	91	91	89	89	89	89	89	89	89	2654
15	15	15	15	15	16	16	16	16	17	17	17	17	611
25	25	25	21	21	21	21	21	19	19	19	19	19	673
29	29	29	29	28	28	28	28	28	28	28	28	28	890
5443	5303	5177	5160	5177	5259	5237	5301	5368	5142	5093	5080	5056	170762
120	74	66	66	68	48	35	41	88	87	124	214	282	21622
5563	5377	5243	5226	5245	5307	5272	5342	5456	5229	5217	5294	5338	192384

n Suckers.

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10
1.	New York Canal (MC #2)	2332	2222	2163	2149	2142	2062	1856	1731	1725	1802
2.	Penitentiary	9	9	9	9	9	9	9	9	9	9
3.	Bubb (South Boise)	12	12	12	12	12	12	10	10	10	10
4.	Ridenbaugh	543	538	522	522	523	512	502	507	493	493
5.	Settlers	172	172	172	165	165	167	165	164	163	163
6.	Thurman Mill	31	31	28	28	28	28	22	25	25	27
7.	Cruzen (Consumers)	24	24	24	24	24	24	24	24	24	24
8.	Boise City	33	33	34	34	34	32	33	33	34	35
9.	Farmers Union & B. V.	207	192	187	187	193	191	190	192	190	190
10.	Little Union	14	14	14	14	14	14	13	13	13	13
11.	New Dry Creek	60	60	48	48	48	48	54	54	55	55
12.	Ballantine	23	23	23	21	21	21	19	19	18	18
13.	x Middleton Canals	156	131	129	128	125	125	123	123	122	122
14.	Little Pioneer	42	33	30	30	31	31	31	33	35	35
15.	Canyon County	86	86	86	85	85	84	84	82	82	82
16.	x Eagle Island Canals	52	52	52	52	52	52	50	50	50	50
17.	Phyllis	362	361	361	351	325	289	288	288	287	286
18.	Eureka #1	33	34	28	28	29	28	30	32	33	34
19.	Caldwell High Line	37	37	31	30	34	33	41	35	34	33
20.	Sebree (Farmers Coop.)	279	277	274	314	321	267	272	236	234	229
21.	Campbell	17	17	17	17	17	16	16	16	16	16
22.	Sieberg	8	8	8	8	12	12	12	12	15	13
23.	Riverside #2	207	207	211	211	197	201	168	172	165	161
24.	Pioneer Dixie	51	51	47	47	47	43	43	39	39	43
25.	Eureka #2	89	89	89	89	89	85	85	82	82	82
26.	Upper Center Point	17	17	17	17	17	17	17	17	16	16
27.	Lower Center Point	20	20	20	19	19	17	17	17	17	16
28.	x Miscellaneous	25	25	25	25	25	25	25	25	25	25
	Total Canal Diversions	4941	4775	4661	4664	4638	4445	4199	4040	4011	4082
29.	River at Notus	217	129	90	124	309	552	617	527	441	346
	Totals	5158	4904	4751	4788	4947	4997	4816	4567	4452	4428

x Middleton Canals include - Middleton Irrigation Association & Middleton Mill Ditch Co.

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Davis,

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 1950, INCLUDING STORAGE

AUGUST

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
725	1802	1932	2001	2100	2078	2055	2258	2321	2358	2427	2430	2382	2431	2498
9	9	8	8	8	8	8	8	8	8	8	8	6	6	6
10	10	10	10	10	11	11	11	11	11	11	11	11	11	11
493	493	499	496	500	500	500	497	500	500	502	500	500	487	487
163	163	163	168	167	165	165	165	165	165	163	138	142	142	142
25	27	27	31	31	31	33	33	33	36	36	36	39	37	37
24	24	24	24	24	23	23	23	23	23	23	23	23	21	21
34	35	34	36	35	37	36	36	36	35	35	35	22	22	23
190	190	190	190	198	193	191	191	191	200	198	188	188	195	195
13	13	13	13	13	12	12	12	12	12	12	12	11	10	8
55	55	59	58	54	50	58	59	61	59	56	56	57	59	50
18	18	18	16	16	14	14	14	16	16	16	16	18	18	18
122	122	120	125	125	119	123	120	118	119	100	98	97	97	97
35	35	33	35	21	24	23	23	24	24	23	18	17	17	19
82	82	82	82	74	67	59	48	48	48	48	48	48	48	48
50	50	48	48	48	46	46	46	46	46	45	45	45	45	45
287	286	286	302	300	310	304	320	316	316	315	310	325	337	337
33	34	34	37	39	39	27	27	28	28	29	26	27	20	20
34	33	32	31	35	30	34	33	33	35	37	48	51	62	61
234	229	243	232	220	218	189	194	277	259	243	255	299	307	309
16	16	16	16	16	16	16	16	16	16	16	14	14	14	14
15	13	13	12	12	9	8	8	8	8	8	8	8	8	8
165	161	168	164	164	160	160	162	162	171	171	188	188	208	217
39	43	43	47	47	51	51	55	55	56	56	56	56	56	57
82	82	76	76	76	76	76	71	71	73	73	73	73	73	75
16	16	16	16	14	14	14	13	13	13	13	13	13	13	12
17	16	16	16	16	16	17	17	17	17	18	18	18	18	18
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
011	4082	4228	4319	4384	4342	4278	4485	4634	4677	4707	4696	4703	4787	4858
441	346	301	240	204	144	76	81	97	1124	81	74	97	164	87
452	4428	4529	4559	4588	4486	4354	4566	4731	4791	4788	4770	4800	4951	4945

ce, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers.
ulia Davis.

Chart No. 5-D

20	21	22	23	24	25	26	27	28	29	30	31	Total
2430	2382	2431	2498	2503	2534	2549	2472	2446	2429	2440	2269	69097
8	6	6	6	6	6	6	6	6	6	7	7	238
11	11	11	11	11	11	11	11	10	10	10	10	336
500	500	487	487	478	476	476	476	483	471	450	450	15383
138	142	142	142	142	142	142	144	144	144	142	141	4859
36	39	37	37	35	33	31	31	30	30	30	30	963
23	23	21	21	21	21	21	21	21	21	21	21	706
35	22	22	23	23	23	23	23	23	23	23	23	941
188	188	195	195	196	196	196	195	195	196	196	155	5952
12	11	10	8	8	8	8	8	8	8	8	8	352
56	57	59	50	50	50	50	50	50	50	50	50	1666
16	18	18	18	16	16	16	14	14	14	14	12	532
98	97	97	97	97	98	98	98	98	100	100	100	3531
18	17	17	19	21	18	21	24	18	16	19	19	788
48	48	48	48	48	48	49	49	52	60	64	64	2024
45	45	45	45	45	42	38	35	35	35	35	35	1411
310	325	337	337	335	333	331	327	323	335	344	336	9940
26	27	20	20	20	21	21	22	22	23	23	22	864
48	51	62	61	52	51	50	43	43	43	44	44	1237
255	299	307	309	325	309	295	311	311	293	269	260	8321
14	14	14	14	14	14	14	14	14	14	14	14	477
8	8	8	8	8	8	8	8	8	8	8	8	290
188	188	208	217	217	217	217	211	201	201	201	201	5849
56	56	56	57	57	57	57	63	63	63	63	63	1622
73	73	73	75	75	75	75	75	75	75	75	75	2423
13	13	13	12	12	12	12	15	15	15	15	15	456
18	18	18	18	18	18	18	18	18	18	18	18	548
25	25	25	25	25	25	25	25	25	24	24	24	772
4696	4703	4787	4858	4858	4862	4859	4789	4751	4724	4707	4474	141578
74	97	164	87	92	175	131	109	112	99	73	63	5966
4770	4800	4951	4945	4950	5037	4990	4898	4863	4823	4780	4537	147544

okers.

BY DAYS

No.	Name of Canal	1	2	3	4	5	6	7	8	9	10	11
1.	New York Canal (MC #2)	2235	2160	2088	2090	1920	1870	1937	1938	1955	1844	1765
2.	Penitentiary	7	7	7	7	7	7	7	7	7	7	6
3.	Bubb (South Boise)	10	10	10	10	10	0	0	0	0	8	8
4.	Ridenbaugh	444	444	446	447	403	450	445	360	358	361	358
5.	Settlers	141	139	106	104	113	112	110	109	110	109	100
6.	Thurman Mill	27	27	25	25	25	23	23	23	21	21	21
7.	Cruzen (Consumers)	21	21	21	21	21	21	21	21	21	21	21
8.	Boise City	23	23	23	23	23	23	23	23	22	22	23
9.	Farmers Union & B. V.	168	163	169	167	164	164	169	170	194	167	167
10.	Little Union	9	9	9	9	9	9	9	9	9	9	9
11.	New Dry Creek	50	50	50	49	49	49	49	49	49	49	49
12.	Ballantine	12	12	12	12	12	12	12	12	12	9	9
13.	x Middleton Canals	97	96	95	93	93	95	95	96	96	97	97
14.	Little Pioneer	18	21	19	20	19	19	9	27	33	29	32
15.	Canyon County	47	47	47	47	52	47	47	32	47	47	47
16.	x Eagle Island Canals	32	32	32	32	32	30	30	30	30	30	28
17.	Phyllis	344	351	350	350	345	317	268	271	265	220	209
18.	Eureka #1	23	24	25	25	26	25	26	25	24	18	17
19.	Caldwell High Line	39	39	52	52	45	46	45	45	44	44	50
20.	Sebree (Farmers Coop.)	227	225	236	232	222	222	227	227	229	220	213
21.	Campbell	15	15	15	15	15	14	14	14	14	14	16
22.	Siebenberg	8	8	8	8	8	10	10	11	11	11	11
23.	Riverside #2	181	181	181	193	176	176	176	176	176	180	174
24.	Pioneer Dixie	63	63	63	51	51	51	51	51	51	47	47
25.	Eureka #2	72	72	72	72	72	66	66	66	61	61	61
26.	Upper Center Point	15	15	15	15	13	13	13	13	13	15	15
27.	Lower Center Point	21	21	21	21	21	19	19	17	17	17	17
28.	x Miscellaneous	24	24	24	20	20	20	18	18	16	16	15
	Total Canal Diversions	4373	4299	4221	4210	3966	3910	3919	3840	3885	3693	3585
29.	River at Notus	41	28	20	48	105	129	96	52	64	298	317
	Totals	4414	4327	4241	4258	4071	4039	4015	3892	3949	3991	3902

x Middleton Canals include - Middleton Irrigation Association & Middleton Mill Ditch Co.

x Eagle Island Canals include - Lemp Ditch, Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Davis, C

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 1950, INCLUDING STORAGE

SEPTEMBER

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
955	1844	1765	1519	1867	1890	1877	1844	1608	1588	1315	1208	1160	1215	1185
7	7	6	6	4	4	4	4	4	5	4	4	4	4	4
0	8	8	8	8	8	8	8	8	6	6	6	6	6	6
358	361	358	358	358	354	356	344	344	349	340	349	348	348	347
110	109	100	98	91	93	94	95	90	91	93	94	95	96	96
21	21	21	19	19	17	17	17	17	15	15	15	19	19	19
21	21	21	21	21	21	21	21	21	15	15	15	15	15	15
22	22	23	23	23	22	22	22	22	22	22	23	23	23	22
194	167	167	167	164	160	160	160	160	163	163	161	163	161	161
9	9	9	9	9	9	9	9	9	9	7	7	7	7	7
49	49	49	49	49	45	43	43	46	42	37	38	39	38	38
12	9	9	9	9	9	9	9	9	9	9	7	7	7	7
96	97	97	98	98	100	100	101	101	102	93	95	95	96	96
33	29	32	21	29	21	21	19	21	19	19	19	19	21	21
47	47	47	59	50	32	40	40	46	46	39	31	52	47	47
30	30	28	28	28	28	28	28	28	28	28	28	26	26	26
265	220	209	215	212	215	214	211	211	203	205	205	197	197	197
24	18	17	16	17	17	18	18	18	18	18	18	18	18	18
44	44	50	43	45	45	47	47	46	40	39	34	34	33	33
229	220	213	213	213	213	207	205	205	198	198	198	198	198	198
14	14	16	16	16	16	14	14	14	14	12	12	12	12	12
11	11	11	11	11	11	9	9	9	9	9	8	8	8	8
176	180	174	174	178	178	168	168	168	168	156	152	149	149	149
51	47	47	47	43	43	43	43	43	43	43	47	47	47	47
61	61	61	53	53	53	53	53	53	48	48	48	48	48	48
13	15	15	15	15	15	15	15	17	17	15	15	13	13	13
17	17	17	17	17	17	17	17	15	15	15	15	15	15	13
16	16	15	15	15	15	15	15	15	15	15	15	14	12	12
3885	3693	3585	3327	3661	3651	3629	3579	3348	3297	2979	2867	2831	2879	2845
64	298	317	321	341	333	333	333	321	305	275	297	305	313	333
3949	3991	3902	3648	4002	3984	3962	3912	3669	3602	3254	3164	3136	3192	3178

ace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers.
Julia Davis.

Chart No. 5-E

19	20	21	22	23	24	25	26	27	28	29	30	Total
15	1208	1160	1215	1185	1201	1204	1092	1006	1065	1201	1126	47973
4	4	4	4	4	4	1	1	1	1	1	1	137
6	6	6	6	6	6	6	6	6	6	6	6	192
340	349	348	348	347	345	351	347	353	348	329	308	11092
93	94	95	96	96	84	84	86	86	87	67	68	2941
15	15	19	19	19	15	15	15	15	15	15	15	574
15	15	15	15	15	15	15	15	15	15	15	15	552
22	23	23	23	22	22	21	21	21	21	21	20	667
163	161	163	161	161	161	161	155	155	155	155	155	4902
7	7	7	7	7	7	7	7	7	7	7	7	246
37	38	39	38	38	38	38	38	38	46	39	39	1325
9	7	7	7	7	7	7	9	9	9	7	7	281
93	95	95	96	96	97	97	98	75	76	76	76	2820
19	19	19	21	21	19	19	19	19	19	19	19	629
39	31	52	47	47	47	47	56	50	79	67	47	1429
28	28	26	26	26	26	26	25	24	24	24	24	841
205	205	197	197	197	197	197	190	175	163	149	149	6992
18	18	18	18	18	18	18	15	15	15	10	10	571
39	34	34	33	33	29	28	27	29	34	39	39	1212
198	198	198	198	198	198	198	198	187	187	187	187	6266
12	12	12	12	12	12	12	12	12	12	12	12	409
9	8	8	8	8	8	8	8	8	8	8	8	270
156	152	149	149	149	149	135	139	139	141	141	141	4912
43	47	47	47	47	47	47	43	43	41	41	41	1428
48	48	48	48	48	48	44	44	44	44	44	44	1659
15	15	13	13	13	13	13	13	13	13	13	13	424
15	15	15	15	13	13	13	13	9	9	9	9	474
15	15	14	12	12	12	10	10	10	10	10	10	460
2979	2867	2831	2879	2845	2838	2822	2702	2572	2642	2712	2596	101678
275	297	305	313	333	350	333	333	372	425	474	571	7866
3254	3164	3136	3192	3178	3188	3155	3035	2944	3067	3186	3167	109544

on Suckers.

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER

DURING IRRIGATION SEASON OF 1950

NO.	NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
1.	Board of Control (MC #2)	80516	169036	170108	166702	138194	95946
2.	Penitentiary	102	530	710	550	476	274
3.	Bubb (South Boise)	362	936	890	1066	672	384
4.	Ridenbaugh	14068	32174	32258	34800	30766	22184
5.	Settlers	2646	11048	10858	11892	9718	5882
6.	Thurman Mill	660	2222	2228	2218	1926	1148
7.	Consumers	384	1132	1290	1506	1412	1104
8.	Boise City	456	1930	1954	1956	1882	1334
9.	Farmers Union	5167	9881	10874	11221	9117	7572
10.	Boise Valley	1095	4269	3828	4209	2787	2232
11.	New Union	410	878	912	822	704	492
12.	New Dry Creek	808	4136	4108	4086	3332	2650
13.	Ballantine	392	1408	1004	916	1064	562
14.	Middleton Canals	3750	12188	10076	11094	7062	5640
15.	Little Pioneer	744	2312	2812	2620	1576	1258
16.	Canyon County	1648	5088	4790	4830	4048	2858
17.	Eagle Island Canals	968	3256	3264	3252	2822	1682
18.	Phyllis	13710	22310	22232	24546	19880	13984
19.	Eureka #1	494	2166	1884	2240	1728	1142
20.	Caldwell High Line	1648	2780	2242	2500	2474	2424
21.	Farmers Coop.	4860	20964	18954	19518	16642	12532
22.	Campbell (Canyon)	312	984	1120	1408	954	818
23.	Siebenberg	120	516	490	680	580	540
24.	Riverside	3476	12324	13802	13688	11698	9824
25.	Pioneer Dixie	1076	4342	3322	3548	3244	2856
26.	Eureka #2	1524	5808	4948	5308	4846	3318
27.	Upper Center Point	322	1302	1218	1222	912	848
28.	Lower Center Point	386	1126	834	1346	1096	948
29.	Miscellaneous	530	1782	1788	1780	1544	920
	Totals	142634	338828	334798	341524	283156	203356

Chart No. 6

ABLE IN ACRE FEET, SHOWING TOTAL
Y CANAL DIVERSIONS FROM BOISE RIVER
RING IRRIGATION SEASON OF 1950

MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
169036	170108	166702	138194	95946	820502
530	710	550	476	274	2642
936	890	1066	672	384	4310
32174	32258	34800	30766	22184	166250
11048	10858	11892	9718	5682	52044
2222	2228	2218	1926	1148	10402
1132	1290	1506	1412	1104	6828
1930	1954	1956	1882	1334	9512
9881	10874	11221	9117	7572	53832
4269	3828	4209	2787	2232	18420
878	912	822	704	492	4218
4136	4108	4086	3332	2650	19120
1408	1004	916	1064	562	5346
12188	10076	11094	7062	5640	49810
2312	2812	2620	1576	1258	11322
5088	4790	4830	4048	2858	23262
3256	3264	3252	2822	1682	15244
22310	22232	24546	19880	13984	116662
2166	1884	2240	1728	1142	9654
2780	2242	2500	2474	2424	14068
20964	18954	19518	16642	12532	93470
984	1120	1408	954	818	5596
516	490	680	580	540	2926
12324	13802	13688	11698	9824	64812
4342	3322	3548	3244	2856	18388
5808	4948	5308	4846	3318	25752
1302	1218	1222	912	848	5824
1126	834	1346	1096	948	5736
1782	1788	1780	1544	920	8344
338828	334798	341524	283156	203356	1644296

	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
Thorman Mill	10,686	12,112	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 1 170,196 165,570 121,418 137,420 119,294 134,78

Total 1,360,880 1,636,966 1,488,352 1,594,866 1,715,386 1,640,62

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

APRIL 1ST TO SEPTEMBER 30TH - BEGINNING 1915

1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928
1,530	531,426	568,746	563,608	553,022	643,878	201,622	611,376	375,000	642,778	576,716
0,226	54,972	60,052	69,512	67,838	71,808	35,298	60,074	29,836	60,788	51,718
1,530	2,426	2,580	3,032	2,940	3,100	772	2,122	1,734	1,954	2,144
4,562	3,542	4,276	3,892	3,212	4,048	2,818	3,202	2,834	3,348	3,712
2,186	101,802	106,712	128,616	120,472	135,908	87,636	135,696	108,210	132,334	132,446
5,552	37,748	41,000	48,384	44,966	47,634	31,326	52,862	35,728	47,830	43,340
9,870	7,954	7,628	7,630	6,686	9,316	7,244	8,976	8,770	7,972	9,526
8,748	25,194	25,140	23,530	23,024	19,344	12,560	12,646	10,190	8,816	8,350
3,162	2,840	888	1,896	2,032	1,530	8,498	9,582	8,774	9,036	7,300
2,644	25,110	26,646	41,360	38,982	44,270	24,426	46,786	22,898	44,984	37,562
4,212	4,114	4,392	4,880	4,880	5,368	3,280	4,000	4,434	3,388	4,240
1,374	13,296	13,704	14,142	15,416	17,142	14,178	12,720	14,840	16,410	16,778
8,048	2,890	2,496	3,392	3,272	3,934	3,592	3,854	3,038	4,292	3,760
0,698	11,154	13,972	16,000	16,712	16,922	12,224	18,454	14,276	18,322	17,816
2,436	3,560	2,882	2,460	3,900	4,226	3,028	2,580	3,526	3,660	3,574
6,044	21,004	24,332	28,232	31,016	29,582	26,108	34,652	23,934	29,816	27,358
5,240	15,106	15,290	15,078	24,190	26,702	13,896	28,028	14,266	19,028	19,768
7,904	5,966	6,802	5,822	6,632	7,880	6,410	9,418	7,626	7,442	8,988
0,034	15,254	14,356	21,414	23,218	22,786	18,912	19,712	18,952	19,672	18,982
9,968	13,196	12,702	13,308	12,212	13,794	11,850	13,756	11,530	13,288	12,134
2,282	108,698	104,416	115,540	115,740	125,282	61,300	125,588	70,342	115,370	113,842
9,226	6,094	5,264	5,166	6,390	5,698	6,600	5,952	6,344	6,434	6,174
0,110	13,372	12,016	18,678	17,660	15,368	16,296	14,584	18,938	11,944	14,332
9,974	67,628	84,448	93,052	38,650	89,224	39,540	89,020	52,192	91,726	79,274
0,070	3,706	3,710	4,974	3,924	5,248	3,556	4,478	3,384	4,658	5,222
4,428	3,230	3,420	3,508	3,090	3,596	2,106	3,106	2,796	2,604	2,854
2,268	45,704	53,966	67,906	41,180	54,620	30,752	47,454	40,604	63,404	51,036
9,938	5,394	4,822	7,218	4,904	9,440	7,996	8,710	7,620	8,140	11,442
0,156	12,264	13,334	15,280	15,412	16,402	12,642	11,776	12,052	11,978	12,326
0,024	3,276	2,912	2,850	3,472	3,538	3,196	2,468	2,308	1,802	2,756
5,542	2,062	3,278	2,052	1,784	2,848	3,042	2,538	2,634	2,238	2,120
9,930	8,566	8,458	8,610	8,118	9,148	7,080	8,770	7,680	8,996	8,082

916 1,176,828 1,254,640 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

484 163,000 185,000 211,000 164,000 173,000 190,000 201,000 180,000 182,000 160,270 157,526

996 27,106 17,806 24,070 35,892 29,432 37,796 31,292 37,700 28,750 36,020 41,240

570 121,418 137,420 119,294 134,784 96,796 100,414 103,652 107,282 150,930 234,482 45,018

966 1,488,352 1,594,866 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

632 279,366 232,512 362,928 294,100 344,890 165,164 290,248 171,692 304,290 299,728 227,474

34 1,208,986 1,362,354 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

ACRE FEET

Chart No. 7

INNING 1915

1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
2,778	576,716	574,030	520,146	355,518	735,592	638,504	388,154	646,960	611,988	541,832
6,788	51,718	41,366	35,978	24,658						
1,954	2,144	1,650	1,492	1,474	1,680	1,466	1,672	2,358	1,998	2,164
3,348	3,712	3,688	3,558	2,926	5,184	4,266	4,030	4,136	4,142	3,978
12,334	132,446	120,884	129,062	102,584	144,474	141,694	126,502	134,870	148,178	117,806
17,830	43,340	41,540	35,554	29,674	46,690	45,061	34,142	42,992	43,732	36,478
7,972	9,516	9,784	8,748	8,720	8,264	8,434	10,700	10,450	8,802	9,442
8,816	8,350	6,808	8,584	8,322	8,236	6,562	8,000	6,424	7,344	7,048
9,036	7,300	8,960	8,938	8,484	9,638	10,388	10,524	9,496	8,470	8,758
14,984	37,562	33,376	35,482	23,854	31,744	32,136	28,848	29,988	29,716	28,022
3,388	4,240	3,100	3,880	3,298	3,354	3,374	3,950	3,400	3,406	3,362
16,410	16,778	15,536	16,998	15,608	15,252	15,654	16,468	15,254	16,034	16,038
4,292	3,760	3,960	3,558	3,706	3,328	3,508	4,112	4,178	4,374	4,442
18,322	17,816	15,970	17,140	11,870	15,524	17,648	3,764	17,350	16,110	13,630
3,660	3,574	3,282	3,338	2,918	4,354	3,432	13,796	3,532	3,386	3,288
19,816	27,358	21,624	25,942	23,214	23,096	20,018	23,312	20,772	22,764	26,276
19,028	19,768	18,036	17,178	13,390	20,590	22,844	16,528	21,020	22,260	15,006
7,442	8,988	8,738	8,584	7,608	7,990	9,194	8,762	8,974	8,424	8,802
19,672	18,982	18,118	18,958	17,144	19,132	19,872	20,470	20,528	17,896	18,180
13,288	12,134	11,448	12,274	11,030	11,714	11,446	11,162	11,382	14,348	10,998
15,370	113,842	95,844	109,070	65,170	111,016	110,312	85,148	97,746	100,138	83,308
6,434	6,474	5,714	6,800	6,090	6,462	6,370	7,624	8,174	7,662	7,318
11,944	14,332	17,556	17,530	18,938	18,562	13,004	20,360	21,714	18,320	19,698
1,726	79,274	69,000	84,294	49,120	85,240	78,830	60,256	76,344	73,100	70,164
4,658	5,322	3,838	4,526	3,956	4,100	4,886	3,584	4,318	4,528	4,284
2,604	2,854	2,580	3,030	2,510	2,422	3,448	2,482	3,244	2,574	2,658
13,404	51,036	41,220	46,956	32,014	50,662	41,020	49,060	44,988	52,910	44,172
8,140	11,442	8,622	9,296	8,540	7,556	7,938	10,196	7,942	8,848	8,072
1,978	12,326	10,110	11,982	10,130	10,210	11,440	12,650	12,588	101,158	10,864
1,802	2,756	2,526	2,952	2,668	2,970	2,656	2,288	3,024	2,584	2,688
2,238	2,120	3,018	2,622	3,102	2,772	2,812	3,962	3,010	1,630	2,552
8,996	8,082	7,582	8,206	7,532	7,492	7,606	7,554	7,558	9,534	7,378

4,452 1,316,162 1,229,658 1,223,286 885,750 1,425,210 1,305,778 1,000,060 1,304,704 1,285,358 1,138,714 1,4

2,000 160,270 157,526 175,266 141,956 157,422 125,778 166,838 169,168 170,570 153,418 1

8,750 36,020 41,240 31,840 25,150 26,830 40,838 37,678 33,142 80,292 26,588

0,930 234,482 45,018 59,500 50,794 68,384 69,956 55,018 51,396 19,088 20,768

6,132 1,746,934 1,473,442 1,489,892 1,103,650 1,677,846 1,542,350 1,259,594 1,558,410 1,505,308 1,339,488 1,7

4,290 299,728 227,474 235,746 171,736 343,116 273,076 198,518 240,752 265,286 217,436 3

1,842 1,447,206 1,245,968 1,254,146 931,914 1,334,730 1,269,274 1,061,076 1,317,658 1,240,022 1,122,052 1,4

Chart No. 7

1930	1931	1932	1933	1934	1935	1936	1937	1938
520,146	355,518	735,592	638,504	388,154	646,960	611,988	541,832	723,112
35,978	24,658							
1,492	1,474	1,680	1,466	1,672	2,358	1,998	2,164	2,132
3,558	2,926	5,184	4,266	4,030	4,136	4,142	3,978	4,722
129,062	102,584	144,474	141,694	126,502	134,870	148,178	117,806	159,302
35,554	29,674	46,690	45,061	34,142	42,992	43,732	36,478	48,134
8,748	8,720	8,264	8,434	10,700	10,450	8,802	9,442	10,624
8,584	8,322	8,236	6,562	8,000	6,424	7,344	7,048	6,876
8,938	8,484	9,638	10,388	10,524	9,496	8,470	8,758	9,746
35,482	23,854	31,744	32,136	28,848	29,988	29,716	28,022	35,240
3,880	3,298	3,354	3,374	3,950	3,400	3,406	3,362	3,468
16,998	15,608	15,252	15,654	16,468	15,254	16,034	16,038	17,586
3,558	3,706	3,328	3,508	4,112	4,178	4,374	4,442	4,322
17,140	11,870	15,524	17,648	3,764	17,350	16,110	13,638	17,830
3,338	2,918	4,354	3,432	13,796	3,532	3,386	3,288	3,514
25,942	23,214	23,096	20,018	23,312	20,772	22,764	26,276	31,226
17,178	13,390	20,590	22,844	16,528	21,020	22,260	15,006	17,584
8,584	7,608	7,990	9,194	8,762	8,974	8,424	8,802	9,762
18,958	17,144	19,132	19,872	20,470	20,528	17,896	18,180	18,814
12,274	11,030	11,714	11,446	11,162	11,382	14,348	10,998	12,632
109,070	65,170	111,016	110,312	85,148	97,746	100,138	83,308	111,026
6,800	6,090	6,462	6,370	7,624	8,174	7,662	7,318	7,262
17,530	18,938	18,562	13,004	20,360	21,714	18,320	19,698	17,206
84,294	49,120	85,240	78,830	60,256	76,344	73,100	70,164	93,592
4,526	3,956	4,100	4,886	3,584	4,318	4,528	4,284	5,750
3,030	2,510	2,422	3,448	2,482	3,244	2,574	2,658	2,662
46,956	32,014	50,662	41,020	49,060	44,988	52,910	44,172	66,196
9,296	8,540	7,556	7,938	10,196	7,942	8,848	8,072	10,414
11,982	10,130	10,210	11,440	12,650	12,588	101,158	10,864	13,586
2,952	2,668	2,970	2,656	2,288	3,024	2,584	2,688	2,452
2,622	3,102	2,772	2,812	3,962	3,010	1,630	2,552	2,436
8,206	7,532	7,492	7,606	7,554	7,558	9,534	7,378	8,388

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

175,266 141,956 157,422 125,778 166,838 169,168 170,570 153,418 176,440

31,840 25,150 26,830 40,838 37,678 33,142 80,292 26,588 34,398

59,500 50,794 68,384 69,956 55,018 51,396 19,088 20,768 85,150

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

235,746 171,736 343,116 273,076 198,518 240,752 265,286 217,436 373,294

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	681
New York Stock Penitentiary							
Bubb	2,006	1,746	1,582	1,570	2,062	1,764	1
Ridenbaugh	4,278	3,918	4,740	4,154	4,874	4,338	5
Settlers	147,684	148,658	160,804	144,804	161,430	126,146	129
Thurman Mill	43,292	40,520	46,556	43,064	50,082	40,062	42
Consumers	11,532	9,632	9,410	11,612	9,098	9,670	11
Boise City	8,326	6,826	5,658	6,630	6,884	5,888	7
Farmers Union	9,944	9,114	10,086	9,296	9,966	8,940	8
Capital View	33,645	26,168	35,618	35,736	38,180	29,700	32
Boise Valley	3,498	3,468	3,560	2,282	2,174	2,022	2
New Union	17,631	16,274	17,494	16,676	15,802	13,598	14
New Dry Creek	4,036	3,904	4,582	3,524	3,896	3,836	4
Ballantine	15,252	14,502	17,978	17,752	18,080	17,572	20
Middleton Water Co.	3,698	3,562	3,250	3,316	3,962	3,610	3
Middleton Mill Ditch	31,488	33,620	34,504	30,278	38,602	39,530	29
Little Pioneer	15,042	15,640	14,564	13,858	16,760	11,124	14
Canyon Water Co.	8,318	7,044	7,920	7,108	7,994	7,250	9
7 Eagle Island Canals	19,960	17,878	20,308	18,486	19,968	18,708	19
Phyllis	12,398	10,256	12,326	12,720	11,394	12,450	12
Eureka Water Co.	98,038	92,608	104,914	93,564	117,060	85,268	84
Caldwell High Line	8,406	7,576	9,340	8,402	8,348	7,962	8
Farmers Coop.	21,466	20,974	20,100	17,852	17,618	20,424	20
Campbell	68,918	69,200	78,736	80,164	98,038	70,786	77
Siebenberg	6,364	3,824	4,272	5,040	5,510	4,422	5
Riverside No. 2	3,260	2,862	2,774	2,102	2,298	2,488	2
Pioneer Dixie	48,444	47,128	60,012	52,152	54,118	41,684	48
Eureka No. 2	13,248	12,184	11,994	13,566	12,706	15,336	15
Upper Center Point	15,256	15,416	14,750	12,896	16,294	11,830	14
Lower Center Point	3,472	3,538	3,764	3,588	3,782	4,126	4
Miscellaneous	3,944	4,596	4,890	4,196	3,344	4,912	3
	8,360	6,856	8,324	8,284	7,800	7,036	7
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	1,344,2
New York Canal Diversions							
October 1 to March 31	133,534	172,234	175,014	151,154	152,266	145,568	151,1
Irrigation Requirements Below Diversion							
Dam During October	20,550	19,562	22,856	28,638	25,370	25,074	14,8
Amount passing Diversion Dam							
November 1 to April 1	65,456	35,898	29,972	39,348	437,346	32,026	29
Total	1,483,118	1,454,312	1,563,068	1,563,780	2,150,636	1,451,664	1,539
Summer Return Flow	235,740	263,936	334,394	281,650	275,866	248,672	264
Natural Flow Used	1,247,378	1,190,476	1,228,674	1,282,130	1,874,770	1,202,992	1,275

Combined with Board of Control

	1944	1945	1946	1947	1948	1949	1950
	616,514	681,738	721,472	772,628	725,750	808,420	820,502
	1,764	1,656	2,212	2,806	2,470	3,350	2,642
	4,338	5,316	5,172	5,204	4,090	4,286	4,310
	126,146	129,942	154,442	157,198	131,982	155,814	166,250
	40,062	42,006	47,080	49,380	43,716	52,782	52,044
	9,670	11,770	9,086	10,456	9,642	8,714	10,402
	5,888	7,078	6,726	6,566	5,632	6,978	6,828
	8,940	8,468	9,352	9,398	7,914	9,034	9,512
	29,700	32,990	38,252	38,616	30,678	43,591	51,276
	2,022	2,120	2,180	2,076	2,040	2,286	2,556
	13,598	14,976	17,686	16,866	15,208	18,915	18,420
	3,836	4,016	3,984	4,376	3,784	3,932	4,218
	17,572	20,094	19,218	18,772	15,442	19,736	19,120
	3,610	3,706	4,076	5,036	4,478	4,802	5,346
	39,530	29,456	28,628	27,582	25,136	30,932	29,886
	11,124	14,728	19,084	18,388	16,758	20,622	19,924
	7,250	9,202	10,692	10,586	8,228	9,828	11,322
	18,708	19,900	20,354	21,648	18,170	19,068	23,262
	12,450	12,060	13,772	13,746	13,056	14,674	15,244
	85,268	84,672	107,768	107,128	98,968	112,320	116,662
	7,962	8,034	8,332	9,502	7,994	8,982	9,654
	20,424	20,730	18,832	16,348	13,130	14,210	14,068
	70,786	77,664	93,136	85,200	79,448	82,910	93,470
	4,422	5,164	5,944	5,446	4,440	5,032	5,596
	2,488	2,350	2,658	2,844	3,158	2,890	2,926
	41,684	48,758	43,604	50,496	69,160	54,346	68,812
	15,336	15,078	13,472	16,430	12,978	18,544	18,388
	11,830	14,818	19,674	23,718	20,724	22,568	25,752
	4,126	4,090	4,438	4,392	4,758	5,438	5,824
	4,912	3,784	3,788	4,410	5,832	5,216	5,736
	7,036	7,926	7,822	7,760	7,338	8,258	8,344

654	1,248,996	1,344,290	1,462,936	1,525,002	1,412,102	1,578,478	1,644,296
266	145,568	151,102	153,260	166,220	149,012	123,492	137,978
370	25,074	14,858	18,364	22,846	31,464	17,398	6,728
346	32,026	29,302	69,026	115,740	28,056	204,000	40,612
636	1,451,664	1,539,552	1,703,586	1,829,808	1,620,634	1,923,368	1,829,614
866	248,672	264,190	291,322	339,546	256,714	330,110	400,206
770	1,202,992	1,275,362	1,412,264	1,490,262	1,363,920	1,593,258	2,229,820

No.	Name of Tributary	1	2	3	4	5	6	7	8	9
1.	Drainage District #3	5	5	5	5	5	5	5	5	5
2.	Davis Drain	5	5	5	5	5	5	5	5	5
3.	Thurman Drain	9	9	9	9	9	9	9	9	9
4.	Boise Sewer	7	7	7	7	7	7	7	7	7
5.	Eagle Drain	10	10	10	10	10	12	12	12	12
6.	South Middleton Drain	15	15	15	15	15	15	15	15	15
7.	North Middleton Drain	10	10	10	10	10	11	11	11	11
8.	Hartley Drain	5	5	5	5	5	6	6	6	6
9.	Phyllis Waste	6	6	6	6	6	6	6	6	6
10.	Mason Creek	3	3	3	3	3	3	3	3	3
11.	Willow Creek	10	10	10	10	10	10	10	10	10
12.	Mason Drain	30	30	30	30	30	30	30	30	30
13.	Indian Creek	35	35	35	35	35	40	40	40	40
14.	Hartley Gulch	10	10	10	10	10	10	10	10	10
	Total	160	160	160	160	160	169	169	169	169

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1.	Drainage District #3	10	10	10	12	12	13	13	13	13	15
2.	Davis Drain	6	6	6	6	6	6	6	6	6	7
3.	Thurman Drain	12	12	12	12	15	16	17	17	17	18
4.	Boise Sewer	14	14	14	14	14	14	14	14	14	14
5.	Eagle Drain	45	47	49	50	52	54	56	58	60	61
6.	South Middleton Drain	56	62	72	80	86	95	110	110	115	120
7.	North Middleton Drain	40	45	51	61	63	63	63	63	63	63
8.	Hartley Drain	29	28	28	28	25	25	25	25	25	21
9.	Phyllis Waste	10	10	10	10	10	10	10	10	11	11
10.	Mason Creek	8	8	8	12	12	12	14	14	16	16
11.	Willow Creek	18	18	18	18	18	18	18	18	18	18
12.	Mason Drain	34	34	34	34	36	36	36	36	36	38
13.	Indian Creek	110	115	125	125	125	125	127	127	127	127
14.	Hartley Gulch	15	15	15	15	15	15	15	15	15	15
	Total	407	424	452	477	489	502	524	526	536	544

TRIBUTARY AND RETURN FLOW TO BOISE RIVER
IRRIGATION SEASON OF 1950

APRIL

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8
2	12	12	12	12	12	12	12	12	12	12	12	14	14	14	14
5	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
1	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
0	30	30	30	30	30	34	34	34	34	34	34	34	34	34	34
0	40	40	40	40	40	40	40	42	42	42	42	42	42	42	42
0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	169	169	169	169	170	175	176	178	178	180	182	196	197	202	202

MAY

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
3	13	13	13	15	15	15	15	15	15	15	16	16	16	16	16
6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7
6	17	17	17	18	18	19	20	20	21	22	23	25	25	25	25
4	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
4	56	58	60	61	62	63	64	65	66	67	68	70	71	71	71
5	110	110	115	120	120	120	120	122	122	122	122	125	125	125	125
3	63	63	63	63	61	61	61	61	61	61	61	63	63	63	63
5	25	25	25	21	21	21	21	24	24	25	25	26	26	26	26
0	10	10	11	11	11	11	11	12	12	12	12	12	12	12	12
2	14	14	16	16	16	22	22	22	22	22	22	22	22	22	22
8	18	18	18	18	18	18	18	18	18	20	20	20	22	22	22
6	36	36	36	38	38	38	38	42	42	42	42	42	44	44	48
5	127	127	127	127	129	129	129	129	129	129	129	134	134	134	151
5	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
2	524	526	536	544	545	553	555	566	568	574	576	591	596	597	618

19	20	21	22	23	24	25	26	27	28	29	30	Total
6	6	6	6	6	6	8	8	10	10	10	12	187
6	6	6	6	6	6	6	6	6	6	6	6	165
9	9	9	9	9	9	9	10	10	10	10	10	275
9	9	9	10	10	10	12	12	12	12	12	12	262
14	14	14	16	16	18	18	20	25	30	35	35	463
15	15	20	20	25	25	30	30	35	38	42	45	613
12	15	17	21	23	27	27	29	31	33	35	35	504
8	8	9	12	15	18	25	27	27	27	29	29	341
7	7	8	8	8	8	8	8	9	9	9	9	214
5	5	5	5	5	5	5	5	5	7	7	7	122
10	12	12	12	12	14	15	15	15	15	15	15	342
34	34	36	36	36	36	36	36	36	36	36	36	996
52	52	52	61	61	75	78	78	85	85	92	95	1581
10	10	10	10	10	10	10	10	10	10	10	10	300
197	202	213	232	242	267	287	294	316	328	348	359	6365

8	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
6	16	16	16	17	17	17	17	17	17	17	17	17	17	461
7	7	8	8	8	8	8	8	8	8	8	8	8	8	220
25	25	25	25	26	26	27	27	27	27	27	27	27	27	659
14	14	14	14	14	14	14	14	14	14	14	14	14	14	434
70	71	71	71	71	70	70	70	70	70	70	70	70	70	1971
25	125	125	125	122	122	122	120	120	120	120	120	120	120	3460
63	63	63	63	61	61	61	59	59	59	57	57	57	57	1842
26	26	26	26	28	28	28	32	32	34	34	36	38	38	852
12	12	12	12	12	12	12	12	11	11	11	11	11	11	345
22	22	22	22	24	24	24	24	24	26	26	26	26	26	606
20	22	22	22	24	24	24	26	26	28	28	30	30	30	666
42	44	44	48	48	52	52	62	67	75	84	92	98	101	1545
34	134	134	151	151	156	166	181	181	181	195	212	212	212	4536
15	15	15	15	15	15	15	15	15	15	15	15	15	15	465
91	596	597	618	620	629	640	667	671	685	706	735	743	746	18062

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1.	Drainage District #3	17	17	17	18	18	18	18	18	18	18
2.	Davis Drain	9	9	9	9	9	9	9	9	9	9
3.	Thurman Drain	27	27	26	26	26	26	25	25	25	25
4.	Boise Sewer	14	14	14	14	14	14	14	14	14	14
5.	Eagle Drain	70	70	70	70	70	65	65	63	63	63
6.	South Middleton Drain	120	120	122	122	128	128	130	133	133	135
7.	North Middleton Drain	55	55	51	51	49	47	47	45	43	43
8.	Hartley Drain	41	43	43	43	43	41	41	41	41	41
9.	Phyllis Waste	10	10	10	10	10	11	11	11	11	11
10.	Mason Creek	28	28	28	28	28	28	28	30	30	30
11.	Willow Creek	30	30	30	30	30	30	32	32	32	32
12.	Mason Drain	101	101	101	101	101	107	112	122	122	122
13.	Indian Creek	221	221	221	198	198	183	183	183	185	185
14.	Hartley Gulch	20	20	20	20	20	20	20	20	20	20
	Total	763	765	762	740	744	727	735	746	746	748

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1.	Drainage District #3	18	18	18	18	18	18	17	17	17	16
2.	Davis Drain	10	10	10	10	10	10	10	10	10	10
3.	Thurman Drain	28	28	28	28	28	28	28	28	28	28
4.	Boise Sewer	15	15	15	15	15	15	15	15	15	15
5.	Eagle Drain	61	61	60	60	60	60	60	59	59	59
6.	South Middleton Drain	90	88	88	86	84	83	81	81	81	81
7.	North Middleton Drain	45	45	43	43	43	43	43	45	45	45
8.	Hartley Drain	39	41	45	47	47	47	50	50	50	49
9.	Phyllis Waste	15	15	14	14	14	13	13	13	13	13
10.	Mason Creek	34	34	34	34	34	36	38	38	38	36
11.	Willow Creek	42	42	42	42	44	44	50	50	55	55
12.	Mason Drain	101	101	101	98	98	75	44	44	44	67
13.	Indian Creek	196	196	196	196	190	190	182	182	182	182
14.	Hartley Gulch	20	20	20	25	25	25	25	27	27	27
	Total	714	714	714	716	710	687	656	659	664	683

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1950

JUNE

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
18	18	18	18	20	20	18	18	18	18	17	17	17	17	18
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
25	25	25	25	25	25	25	25	25	25	26	26	27	27	28
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
63	63	63	63	63	63	61	61	61	61	61	61	59	59	59
133	133	135	140	142	150	150	151	149	149	150	150	150	150	149
45	43	43	43	43	43	41	41	43	43	45	45	45	45	47
41	41	41	39	39	39	35	35	35	31	31	31	29	29	31
11	11	11	12	12	12	12	13	13	13	13	13	13	14	14
30	30	30	32	32	32	32	32	32	32	32	30	30	28	28
32	32	32	32	32	32	32	34	34	36	36	36	38	38	38
122	122	122	130	136	141	141	141	141	141	141	141	141	139	139
183	185	185	192	192	212	212	212	222	222	225	225	225	215	215
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
746	746	748	769	779	812	802	806	816	814	820	818	817	804	809

JULY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
17	17	16	16	17	18	19	20	21	21	21	20	20	19	19
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
59	59	59	59	59	59	59	59	59	59	58	58	58	58	58
81	81	81	81	79	79	79	75	75	75	73	73	73	71	71
45	45	45	47	47	49	51	55	55	57	57	57	57	57	57
50	50	49	47	47	45	45	45	41	41	41	39	37	35	35
13	13	13	12	12	12	12	11	11	11	10	10	10	11	12
38	38	36	36	36	32	32	32	32	32	28	28	28	26	26
50	55	55	55	60	60	60	60	60	60	60	55	55	55	55
44	44	67	77	92	101	112	112	112	122	122	122	131	131	126
182	182	182	182	178	178	178	178	178	178	165	165	165	165	165
27	27	27	27	27	27	28	28	28	28	28	28	28	28	28
659	664	683	692	707	713	728	728	725	737	716	708	715	709	705

Chart No. 8-A

18	19	20	21	22	23	24	25	26	27	28	29	30	Total	
17	17	17	17	18	18	18	18	18	18	18	18	18	537	
9	9	9	9	9	9	9	9	9	9	9	9	9	270	
26	26	27	27	28	28	28	28	28	28	28	28	28	791	
14	14	14	14	14	14	14	14	14	14	14	14	14	420	
61	61	59	59	59	60	61	61	61	61	61	61	61	1888	
150	150	150	150	149	150	144	138	130	120	100	95	90	4018	
45	45	45	45	47	47	47	47	45	45	45	45	45	1376	
31	31	29	29	31	31	35	35	37	37	37	39	39	1112	
13	13	13	14	14	14	14	14	14	15	15	15	15	375	
32	30	30	28	28	28	28	28	28	32	32	32	32	898	
36	36	38	38	38	38	38	40	40	40	40	40	40	1042	
141	141	141	139	139	139	126	126	126	126	126	117	117	3765	
225	225	225	215	215	215	206	206	198	195	190	190	190	6137	
20	20	20	20	20	20	20	20	20	20	20	20	20	600	
820	818	817	804	809	811	788	784	768	760	735	723	718	23229	
18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
21	20	20	19	19	19	18	18	18	18	18	18	18	18	569
10	10	10	10	10	10	10	10	10	10	10	10	10	10	310
28	28	28	28	28	28	28	28	28	28	28	28	28	28	868
15	15	15	15	15	15	15	15	15	15	15	15	15	15	465
58	58	58	58	58	58	58	57	57	57	56	56	56	56	1813
73	73	73	71	71	71	69	69	67	67	67	67	69	71	2364
57	57	57	57	57	61	61	65	65	68	68	68	71	71	1684
41	39	37	35	35	31	31	31	29	27	27	26	25	25	1215
10	10	10	11	12	13	13	13	13	14	14	14	14	14	393
28	28	28	26	26	24	24	22	22	22	22	22	22	22	926
60	55	55	55	55	50	50	50	50	50	55	60	75	75	1676
122	122	131	131	126	121	119	113	107	107	107	112	112	117	3148
165	165	165	165	165	165	171	171	171	171	171	171	171	171	5500
28	28	28	28	28	28	28	28	28	28	28	28	28	28	826
716	708	715	709	705	694	695	690	680	682	686	695	714	721	21757

No.	Name of Tributary	1	2	3	4	5	6	7	8	9
1.	Drainage District #3	18	18	18	19	19	19	19	19	19
2.	Davis Drain	11	11	11	11	11	11	11	11	11
3.	Thurman Drain	26	26	26	26	26	26	26	26	26
4.	Boise Sewer	14	14	14	14	14	14	14	14	14
5.	Eagle Drain	55	55	55	54	54	54	53	52	50
6.	South Middleton Drain	71	71	71	75	75	77	79	80	77
7.	North Middleton Drain	71	71	73	73	75	75	77	79	77
8.	Hartley Drain	25	25	25	25	23	23	23	21	21
9.	Phyllis Waste	14	14	14	14	14	14	14	15	15
10.	Mason Creek	22	22	22	24	24	24	24	24	24
11.	Willow Creek	80	80	85	85	90	90	90	94	94
12.	Mason Drain	117	117	117	126	126	126	131	131	131
13.	Indian Creek	165	165	165	165	165	171	171	171	171
14.	Hartley Gulch	28	28	28	28	28	28	28	30	30
	Total	717	717	724	739	744	752	760	767	760

No.	Name of Tributary	1	2	3	4	5	6	7	8	9	10
1.	Drainage District #3	14	14	14	14	14	14	14	14	14	14
2.	Davis Drain	10	10	10	10	10	9	9	9	9	14
3.	Thurman Drain	20	20	20	20	20	20	20	20	20	9
4.	Boise Sewer	14	14	14	14	14	14	14	14	14	20
5.	Eagle Drain	54	53	53	53	50	50	48	47	46	12
6.	South Middleton Drain	43	43	41	41	41	41	41	41	46	46
7.	North Middleton Drain	33	33	31	31	31	31	31	31	45	45
8.	Hartley Drain	25	25	25	25	25	25	25	21	29	29
9.	Phyllis Waste	12	12	12	12	12	11	11	11	21	21
10.	Mason Creek	22	22	22	26	26	26	26	26	11	11
11.	Willow Creek	30	25	25	25	30	30	35	35	26	26
12.	Mason Drain	96	96	96	96	96	96	88	88	35	40
13.	Indian Creek	152	161	161	161	161	161	161	161	88	82
14.	Hartley Gulch	16	16	16	16	16	20	20	20	165	165
	Total	541	544	540	544	546	548	543	538	543	540

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1950

AUGUST

8	9	10	11	12	13	14	15	16	17	18	19	20	21
19	19	19	19	19	19	19	18	16	14	14	12	12	12
11	11	11	11	11	11	11	11	11	11	11	11	11	11
26	26	26	26	26	26	26	26	26	26	26	26	26	25
14	14	14	14	14	14	14	14	14	14	14	14	14	14
52	50	52	52	54	54	56	56	58	58	60	60	60	62
80	77	75	71	68	68	65	63	61	58	53	51	49	47
79	77	71	65	65	61	57	57	51	47	45	43	39	36
21	21	21	21	22	22	22	25	25	25	25	27	27	27
15	15	15	15	15	15	15	15	14	14	13	13	13	12
24	24	28	28	28	28	24	24	24	24	24	24	22	22
94	94	94	94	75	75	70	65	60	50	45	35	35	25
131	131	131	126	126	126	126	121	121	121	117	117	117	117
171	171	182	182	182	182	182	178	178	178	178	166	166	166
30	30	30	30	30	25	25	25	25	20	20	20	20	15
767	760	769	754	735	726	712	697	684	659	645	619	611	591

SEPTEMBER

8	9	10	11	12	13	14	15	16	17	18	19	20	21
14	14	14	14	14	14	14	14	14	14	15	15	14	12
9	9	9	8	8	8	8	8	8	8	8	8	8	8
20	20	20	18	18	18	18	18	18	18	18	18	18	16
14	14	12	12	12	12	12	12	12	12	12	12	10	10
47	46	46	46	46	44	44	44	44	44	44	43	42	42
41	45	45	45	45	47	47	45	45	41	41	41	43	43
31	29	29	29	29	29	29	29	27	27	27	27	25	25
21	21	21	21	21	21	21	21	21	19	19	19	19	19
11	11	11	11	11	11	11	11	11	11	11	10	10	10
26	26	26	26	24	24	24	24	24	24	22	22	22	22
35	35	40	40	40	45	52	52	52	52	52	52	52	52
88	88	82	82	77	77	77	65	65	65	65	65	56	56
161	165	165	165	165	161	161	161	158	158	152	152	152	152
20	20	20	18	16	16	14	14	14	14	14	14	14	14
538	543	540	535	526	527	532	518	513	507	500	498	485	481

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
12	12	12	12	12	12	14	14	14	15	15	15	15	499
11	11	11	11	11	11	11	11	11	11	11	11	11	341
26	26	25	25	24	24	24	23	23	22	22	21	21	774
14	14	14	14	14	14	14	14	14	14	14	14	14	434
60	60	62	62	62	62	62	62	60	58	58	56	54	1758
51	49	47	47	45	45	45	45	45	45	45	45	45	1857
43	39	36	33	33	33	33	35	35	35	35	35	35	1650
27	27	27	29	29	29	29	27	27	27	27	27	27	778
13	13	12	12	12	12	12	12	12	12	12	12	12	415
24	22	22	22	22	22	20	20	20	20	20	20	20	716
35	35	25	25	25	25	25	25	30	35	35	35	35	1806
117	117	117	117	106	106	106	96	96	96	96	96	96	3599
166	166	166	166	166	166	166	166	152	152	152	152	152	5219
20	20	15	15	15	15	20	20	20	16	16	16	16	710
619	611	591	590	576	576	581	570	559	558	556	555	553	20556

19	20	21	22	23	24	25	26	27	28	29	30	Total
15	14	12	12	10	10	10	10	9	9	9	9	382
8	8	8	8	8	8	8	8	8	8	8	8	255
18	18	16	16	16	16	16	16	16	16	16	16	540
12	10	10	10	10	10	10	10	10	10	10	10	356
43	42	42	42	40	40	40	40	40	40	40	40	1345
41	43	43	45	45	42	42	42	42	43	43	43	1292
27	25	25	25	25	23	23	23	23	23	23	23	824
19	19	19	19	19	17	17	17	17	17	17	17	616
10	10	10	10	10	10	9	9	9	9	9	9	317
22	22	22	18	18	18	18	18	18	18	18	18	668
52	52	52	50	48	48	45	40	40	35	35	35	1227
65	56	56	56	56	51	51	51	51	51	51	51	2141
152	152	152	152	149	149	149	149	149	149	149	149	4690
14	14	14	12	12	12	12	12	10	10	10	10	442
498	485	481	475	466	454	450	445	442	438	438	438	15095

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
 CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)
 TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN - BY MONTHS IN ACRE FEET
 IRRIGATION SEASON 1950

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
Boise River at Diversion Dam	351,670	449,346	420,214	310,206	221,594	152,348
Deliveries to Canals	394,378	512,468	499,794	384,768	295,088	219,088
Tributary Gain	12,730	36,124	46,458	43,514	41,112	30,190
Seepage Gain	29,978	26,998	33,122	31,048	32,382	36,550
Net Gain	42,708	63,122	79,580	74,562	73,494	66,740

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

IRRIGATION SEASON 1950

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
Boise River at Diversion Dam	5,861	7,248	7,004	5,003	3,574	2,539
Deliveries to Canals	6,573	8,266	8,330	6,206	4,759	3,651
Tributary Gain	212	583	774	702	663	503
Seepage Gain	500	435	552	501	522	609
Net Gain	712	1,018	1,326	1,203	1,185	1,112

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

CANAL DELIVERIES (INCLUDING BOISE RIVER AT NOTUS)

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

IRRIGATION SEASON 1950

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
Diversion Dam	351,670	449,346	420,214	310,206	221,594	152,348	1,905,378
	394,378	512,468	499,794	384,768	295,088	219,088	2,305,584
	12,730	36,124	46,458	43,514	41,112	30,190	210,128
	29,978	26,998	33,122	31,048	32,382	36,550	190,078
	42,708	63,122	79,580	74,562	73,494	66,740	400,206

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

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

IRRIGATION SEASON 1950

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
Diversion Dam	5,861	7,248	7,004	5,003	3,574	2,539
	6,573	8,266	8,330	6,206	4,759	3,651
	212	583	774	702	663	503
	500	435	552	501	522	609
	712	1,018	1,326	1,203	1,185	1,112

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

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

SECTION 1

1950

	JULY	AUGUST	SEPTEMBER	TOTAL
Boise River at Diversion Dam	310,206	221,594	152,348	684,148
* Deliveries to Canals	331,436	245,032	172,180	748,648
Tributary Gain	8,050	7,612	5,756	21,418
Seepage Gain	13,180	15,826	14,076	43,082
Net Gain	21,230	23,438	19,832	64,500

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 1

1950

	JULY	AUGUST	SEPTEMBER
Boise River at Diversion Dam	5,003	3,574	2,539
* Deliveries to Canals	5,346	3,952	2,870
Tributary Gain	130	123	96
Seepage Gain	213	255	235
Net Gain	343	378	331

* Includes Boise River passing Caldwell High Line.

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE

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

SECTION 2

1950

	JULY	AUGUST	SEPTEMBER	TOTAL
Boise River at Caldwell High Line	36,630	1,848	508	38,986
* Deliveries to Canals	89,962	51,904	47,416	189,282
Tributary Gain	35,464	33,500	24,434	93,398
Seepage Gain	17,868	16,556	22,474	56,898
Net Gain	53,332	50,056	46,908	150,296

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

CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN

SECTION 2

1950

	JULY	AUGUST	SEPTEMBER
Boise River at Caldwell High Line	591	30	8
* Deliveries to Canals	1,451	837	790
Tributary Gain	572	540	407
Seepage Gain	288	267	375
Net Gain	860	807	782

* Includes Boise River at Notus.

BOISE VALLEY CANALS AND ACREAGE[illegible]

DRAINAGE WATER (not diverted from Boise River)

Black Canyon Irrigation District . . .	6,500	acres
Caldwell Irrigation District . . .	850	"
Moreland & Vail (Dixie Drain) . . .	<u>640</u>	"
GRAND TOTAL		7,990
		<u>334,180</u>

This acreage is based, in some instances, upon actual surveys, and in other cases upon the acreage as determined at the time of the Stewart Decree, and is the best information available at the present time. It was originally computed February 14, 1941, but has been again revised (July, 1948), particularly to reduce river bottom acreages to conform to Stewart Decree acreages as determined by special committee. See explanation in Watermaster's Report for 1947.

Ridenbaugh represents old lands within the Nampa & Meridian Irrigation District that are watered by the old Ridenbaugh water rights in the Stewart Decree. The balance of the Nampa & Meridian Irrigation District lands are included under the Board of Control. (Some of the acreages were revised April 10, 1944.)

BOISE VALLEY CANALS AND ACREAGE

17,763	Warm Springs Slough	441 acres
48,458	Joplin	94 "
40,193	Conway & Hamming	259 "
56,622	Thos. Aiken	236 "
1,725	Catlin & Mace	496 "
	Hart & Davis	453 "
164,761 acres	Graham & Gilbert	220 "
26,747 "	Seven Suckers	58 "
Project) 102 "	Pioneer Irrig. District	34,500 "
1,057 "	Eureka Water Co.	1,666 "
90 "	Franklin & Mason Creek (Caldwell	
500 "	High Line)	3,960 "
159 "	Farmers Coop. Ditch Co.	15,897 "
634 "	Canyon Ditch Co.	802 "
12,300 "	Siebenberg	646 "
1,799 "	Riverside Irrig. District	10,645 "
2,500 "	Pioneer Dixie	2,030 "
1,828 "	Eureka Ditch Co.	2,670 "
8,300 "	Upper Center Point	641 "
2,729 "	Lower Center Point	880 "
600 "	Bowman & Swisher	424 "
688 "	Mammon	449 "
3,059 "	Haas	867 "
763 "	Island High Line	1,000 "
5,640 "	Larsen-Baxter-Lemp	200 "
4,400 "	Boone	577 "
1,286 "	Andrews	1,068 "
4,007 "	Parma Ditch Co.	562 "
300 "	O'Donnell	120 "
	Mace & Mace	80 "
	TOTAL	326,190 "

DRAINAGE WATER (not diverted from Boise River)

Black Canyon Irrigation District . .	6,500 acres
Caldwell Irrigation District	850 "
Moreland & Vail (Dixie Drain) . . .	640 "
	7,990 "
GRAND TOTAL	334,180 "

some instances, upon actual surveys, and in other cases upon the acreage as the Stewart Decree, and is the best information available at the present computed February 14, 1941, but has been again revised (July, 1948), particular acreages to conform to Stewart Decree acreages as determined by special on in Watermaster's Report for 1947.

lands within the Nampa & Meridian Irrigation District that are watered by rights in the Stewart Decree. The balance of the Nampa & Meridian Irrigation ed under the Board of Control. (Some of the acreages were revised April 10,

Name of Canal	Acres Irrigated	1934	1935	1936	1937	1938	Acres Irrigated	1939	1940	1941	1942
Board of Control	166,000	3.13	4.92	4.71	4.19	4.36	164,761	4.09	4.38	4.71	4.92
Penitentiary	429	3.87	5.36	4.66	5.04	4.97	429	4.67	4.07	3.69	3.66
Bubb (So. Boise)	745	5.41	5.55	5.56	5.34	6.34	745	5.74	5.26	6.36	5.58
Ridenbaugh	27,000	4.69	5.00	5.49	4.36	5.90	27,000	5.47	5.51	5.96	5.35
Settlers	12,300	2.77	3.50	3.56	2.97	3.91	12,300	3.52	3.29	3.79	3.50
Thurman Mill	1,858	5.76	5.62	4.74	5.08	5.72	1,858	6.21	5.18	5.06	6.25
Consumers	2,500	3.20	2.57	2.94	2.82	2.75	2,500	3.33	2.73	2.26	2.65
Boise City	1,903	5.53	4.99	4.45	4.60	5.12	1,903	5.23	4.79	5.30	4.88
Farmers Union	8,300	3.48	3.61	3.60	3.53	4.35	8,900	4.17	3.33	4.40	4.27
Wise	600	6.58	5.67	5.68							
Boise Valley	2,729	6.03	5.11	5.88	5.88	6.44	2,729	6.46	5.96	6.41	6.11
New Union	688	6.00	6.07	6.36	6.46	6.28	688	5.87	5.67	6.66	5.13
New Dry Creek	2,720	5.04	6.38	5.92	5.01	6.56	2,720	5.61	5.33	6.61	6.53
Ballantine	700	5.38	5.03	4.84	4.70	5.02	700	5.28	5.09	4.64	4.74
Middleton Irrig. Assoc.	5,704	4.26	3.64	3.99	4.61	5.47	5,704	5.52	5.89	6.05	5.31
Middleton Mill	4,400	3.53	4.78	5.06	3.41	4.00	4,400	3.42	3.56	3.31	3.15
Little Pioneer	1,286	6.80	6.98	6.55	6.84	7.59	1,286	6.47	5.48	6.16	5.53
Canyon County	3,790	5.40	5.42	4.72	4.80	4.96	3,790	5.27	4.72	5.36	4.88
#Eagle Island Canals	2,363	4.72	4.82	6.07	4.65	5.35	2,363	5.25	4.34	5.22	5.38
Phyllis	23,500	3.62	4.16	4.26	3.55	4.72	23,500	4.17	3.94	4.46	3.98
Eureka Water	1,666	4.58	4.91	4.60	4.39	4.36	1,666	5.05	4.55	5.61	5.04
Caldwell High Line	4,010	5.08	5.41	4.57	4.91	4.29	4,010	5.35	5.23	5.01	4.45
Farmers Coop.	15,500	3.94	4.93	4.72	4.53	6.04	15,500	4.45	4.46	5.08	5.17
Canyon (Campbell)	802	4.46	5.38	5.65	5.34	7.17	802	7.94	4.77	5.33	6.29
Siebenberg	646	3.84	5.02	3.98	4.11	4.12	646	5.05	4.43	4.29	3.25
Riverside #2	10,645	3.65	4.23	4.97	4.15	6.22	10,645	4.55	4.43	5.64	4.90
Pioneer Dixie	2,015	5.06	3.94	4.39	4.01	5.17	2,015	6.57	6.05	5.95	6.73
Eureka #2	2,595	4.87	4.85	3.91	4.19	5.24	2,595	5.88	5.94	5.68	4.97
Upper Center Point	621	3.68	4.87	4.16	4.33	3.95	621	5.59	5.70	6.06	5.78
Lower Center Point	845	4.66	3.56	1.93	3.02	2.88	845	4.67	5.44	5.79	4.97
#Miscellaneous	1,493	5.06	5.06	6.39	4.94	5.62	1,493	5.60	4.59	5.58	5.55
Total	310,353	3.62	4.76	4.69	4.16	4.76	309,114	4.09	4.47	4.89	4.84

#Eagle Island Canals: Lemp, Conway & Humming, Aiken, Catlin & Mace, Mace & Mace, Hart & Davis, Graham &

#Miscellaneous Canals: Meeves, Rossi Mill, Davis and Little Davis

Acreage table was compiled in 1934, revised in 1939 and again revised in 1947.

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS
FOR EACH IRRIGATION SEASON FROM 1934

	1939	1940	1941	1942	1943	1944	1945	1946	Acres Irrigated	1947	1948	1949	1950
61	4.09	4.38	4.71	4.92	5.58	4.63	5.05	4.38	164,332	4.70	4.42	4.90	5.83
29	4.67	4.07	3.69	3.66	4.81	4.11	3.86	5.16	429	6.54	5.76	7.81	6.16
45	5.74	5.26	6.36	5.58	6.54	5.82	7.14	6.94	1,057	4.92	3.87	4.05	4.08
00	5.47	5.51	5.96	5.35	5.98	4.67	4.81	5.72	26,747	5.88	4.93	5.83	6.22
00	3.52	3.29	3.79	3.50	4.07	3.26	3.42	3.83	12,300	4.01	3.55	4.29	4.23
58	6.21	5.18	5.06	6.25	4.90	5.20	6.33	4.89	1,799	5.81	5.36	4.84	5.78
00	3.33	2.73	2.26	2.65	2.75	2.36	2.83	2.69	2,500	2.63	2.25	2.79	2.73
03	5.23	4.79	5.30	4.88	5.24	4.70	4.45	4.91	1,828	5.14	3.33	4.95	5.22
00	4.17	3.33	4.40	4.27	4.53	3.56	3.94	4.54	8,900	4.57	3.68	5.15	6.05
29	6.46	5.96	6.41	6.11	5.79	4.98	5.49	6.48	2,729	6.18	5.57	6.93	6.75
88	5.87	5.67	6.66	5.13	5.66	5.58	5.84	5.79	688	6.36	5.50	5.71	6.13
20	5.61	5.33	6.61	6.53	6.65	6.46	7.39	7.07	3,059	6.14	5.05	6.45	6.25
00	5.28	5.09	4.64	4.74	5.66	5.16	5.29	5.82	763	6.60	5.87	6.29	7.01
04	5.52	5.89	6.05	5.31	6.77	5.73	5.11	5.02	5,640	4.89	3.81	5.48	5.30
00	3.42	3.56	3.31	3.15	3.81	4.09	3.35	4.34	4,400	4.18	4.46	4.69	4.53
86	6.47	5.48	6.16	5.53	6.22	5.64	7.16	8.31	1,286	8.23	6.40	7.64	8.80
90	5.27	4.72	5.36	4.88	5.27	4.94	5.25	5.37	4,007	5.40	4.53	4.76	5.81
63	5.25	4.34	5.22	5.38	4.82	5.27	5.10	5.83	2,637	5.21	4.95	5.56	5.78
00	4.17	3.94	4.46	3.98	4.98	3.63	3.60	4.59	23,500	4.56	4.21	4.78	4.96
66	5.05	4.55	5.61	5.04	5.01	4.78	4.82	5.00	1,666	5.70	4.80	5.39	5.79
10	5.35	5.23	5.01	4.45	4.39	5.09	5.17	4.70	3,960	4.13	3.31	3.59	3.55
00	4.45	4.46	5.08	5.17	6.32	4.57	5.01	6.01	15,897	5.36	5.00	5.22	5.88
02	7.94	4.77	5.33	6.29	6.87	5.51	6.44	7.41	802	6.79	5.54	6.27	6.98
46	5.05	4.43	4.29	3.25	3.56	3.85	3.64	4.11	646	4.40	4.89	4.47	4.53
45	4.55	4.43	5.64	4.90	5.08	3.92	4.58	4.10	10,645	4.74	5.50	5.11	6.09
15	6.57	6.05	5.95	6.73	6.31	7.61	7.43	6.69	2,030	8.09	6.39	9.13	9.06
65	5.88	5.94	5.68	4.97	6.28	4.56	5.71	7.58	2,670	8.88	7.76	8.45	9.64
21	5.59	5.70	6.06	5.78	6.09	6.64	6.59	7.15	641	6.85	7.42	8.48	9.09
45	4.67	5.44	5.79	4.97	3.96	5.81	4.48	4.48	880	5.01	6.63	5.93	6.52
93	5.60	4.59	5.58	5.55	5.22	4.71	5.31	5.24	1,444	5.37	5.08	5.72	5.78
14	4.09	4.47	4.89	4.84	5.46	4.51	4.84	4.73	309,882	4.92	4.56	5.09	5.75

ce & Mace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin and Seven Suckers

in 1947.

TED BY BOISE VALLEY CANALS

ON FROM 1934

1947	1948	1949	1950
4.70	4.42	4.90	5.83
6.54	5.76	7.81	6.16
4.92	3.87	4.05	4.08
5.88	4.93	5.83	6.22
4.01	3.55	4.29	4.23
5.81	5.36	4.84	5.78
2.63	2.25	2.79	2.73
5.14	3.33	4.95	5.22
4.57	3.68	5.15	6.05
6.18	5.57	6.93	6.75
6.36	5.50	5.71	6.13
6.14	5.05	6.45	6.25
6.60	5.87	6.29	7.01
4.89	3.81	5.48	5.30
4.18	4.46	4.69	4.53
8.23	6.40	7.64	8.80
5.40	4.53	4.76	5.81
5.21	4.95	5.56	5.78
4.56	4.21	4.78	4.96
5.70	4.80	5.39	5.79
4.13	3.31	3.59	3.55
5.36	5.00	5.22	5.88
6.79	5.54	6.27	6.98
4.40	4.89	4.47	4.53
4.74	5.50	5.11	6.09
8.09	6.39	9.13	9.06
8.88	7.76	8.45	9.64
6.85	7.42	8.48	9.09
5.01	6.63	5.93	6.52
5.37	5.08	5.72	5.78
4.92	4.56	5.09	5.75

gh, Joplin and Seven Suckers

TOTAL MONTHLY FLOW IN ACRE FEET AND AVERAGE
DAILY FLOW IN SECOND FEET OF ALL DRAINS IN
DRAINAGE DISTRICT NO. 2, FOR 29,000 ACRES

1950

DRAIN	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
Eagle Drain	926	3,942	3,776	3,626	3,516	2,690	18,476
Star Feeder	0	2,544	3,042	4,874	4,410	3,562	18,432
Watts Check	0	2,470	1,780	2,450	2,202	1,634	10,536
Long Feeder	730	1,772	1,962	1,874	1,736	1,538	9,612
South Middleton Drain	1,226	6,920	8,036	4,728	3,714	2,584	27,208
North Middleton Drain	1,008	3,684	2,752	3,368	3,300	1,648	15,760
Willow Creek	684	1,332	2,084	3,352	3,612	2,454	13,518
Hartley Drain	682	1,704	2,224	2,430	1,556	1,232	9,828
Hartley Gulch	600	930	1,200	1,652	1,420	884	6,686
Totals	5,856	25,298	26,856	28,354	25,466	18,226	130,056
Average Daily Flow in Second Feet	98	408	448	457	411	304	355
Acre feet per Acre	.20	.87	.92	.98	.88	.63	4.48

Chart No. 17

TOTAL MONTHLY FLOW IN ACRE FEET AND AVERAGE
DAILY FLOW IN SECOND FEET OF ALL DRAINS IN
DRAINAGE DISTRICT NO. 2, FOR 29,000 ACRES

1950

MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	ACRE FEET PER ACRE	
3,942	3,776	3,626	3,516	2,690	18,476	1931	1.99
2,544	3,042	4,874	4,410	3,562	18,432	1932	2.36
2,470	1,780	2,450	2,202	1,634	10,536	1933	2.36
1,772	1,962	1,874	1,736	1,538	9,612	1934	2.41
6,920	8,036	4,728	3,714	2,584	27,208	1935	2.27
3,684	2,752	3,368	3,300	1,648	15,760	1936	2.55
1,332	2,084	3,352	3,612	2,454	13,518	1937	2.37
1,704	2,224	2,430	1,556	1,232	9,828	1938	2.84
930	1,200	1,652	1,420	884	6,686	1939	2.32
25,298	26,856	28,354	25,466	18,226	130,056	1940	2.51
						1941	2.80
408	448	457	411	304	355	1942	2.72
.87	.92	.98	.88	.63	4.48	1943	3.10
						1944	2.49
						1945	2.73
						1946	2.70
						1947	3.26
						1948	2.87
						1949	3.09
						1950	4.48

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

	1950						
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
Average Daily Flow in Second Feet	6.2	14.9	17.9	18.3	16.1	12.7	14.4
Total Monthly Flow in Acre Feet	374	922	1074	1138	998	764	5270
Acre Feet per Acre	.09	.22	.25	.27	.24	.18	1.25

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

	1950						
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
Average Daily Flow in Second Feet	9.2	21.9	26.3	27.9	25.0	18.0	21.3
Total Monthly Flow in Acre Feet	550	1318	1318	1736	1548	1080	7814
Acre Feet per Acre	.22	.53	.63	.69	.62	.43	3.12

Chart No. 18

G TOTAL DISCHARGE OF ALL DRAINS

DISTRICT NO. 3 FOR 4200 ACRES

1950

LINE	JULY	AUGUST	SEPTEMBER	TOTAL	ACRE FEET PER ACRE
1.9	18.3	16.1	12.7	14.4	1936 1.43
					1937 .83
					1938 .83
					1939 1.00
					1940 1.01
					1941 .90
					1942 1.04
					1943 1.12
					1944 1.08
					1945 1.10
					1946 1.24
					1947 1.65
					1948 1.01
					1949 1.07
					1950 1.25
1138	998	764	5270		
.25	.27	.24	.18	1.25	

G TOTAL DISCHARGE OF ALL DRAINS

DISTRICT NO. 4 FOR 2500 ACRES

1950

LINE	JULY	AUGUST	SEPTEMBER	TOTAL	ACRE FEET PER ACRE
6.3	27.9	25.0	18.0	21.3	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
					1945 2.67
					1946 2.68
					1947 2.51
					1948 2.71
					1949 3.03
					1950 3.12
1736	1548	1080	7814		
.63	.69	.62	.43	3.12	

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
April		447	939		1093	822	441	1075	903	650	412	681	3
May		861	1192	1214	1247	1008	629	1475	741	1228	644	350	6
June		545	1191	1341	1281	1048	817	880	963	1200	594	1123	5
July	465	498	1006	1179	756	598	697	888	836	877	372	935	4
Aug.	276	381	727	690	785	558	630	811	713	800	341	799	3
Sept.	469	460	739	715	938	549	596	814	618	863	311	880	4
Average	403	533	964	1027	1011	763	635	990	795	739	446	794	46

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
April													
May													
June													
July	139	122			227	252					243		214
Aug.	70	130	194	254	270	233	203	285	242		180		137
Sept.	201	150	199	225	263	248	118	267	239	286	176	328	144
									180	344	134	323	209
Average	123	137	196	242	260	242	178	281	213	315	183	325	176

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
April													
May													
June													
July	357	249			431	352			547		339		343
Aug.	213	245	503	425	503	325	426	526	474	574	192		275
Sept.	280	300	540	386	500	307	420	512	439	613	165	470	232
											177	560	287
Average	275	281	521	409	490	328	424	519	467	593	218	515	284

SUMMARY TABLE IN SECOND FEET
SHOWING RETURN FLOW TO BOISE RIVER

RETURN FLOW TO ENTIRE RIVER													
1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936
650	412	681	304	711	839	467	274	336	423	488	348	212	185
1228	644	350	638	860	983	600	758	670	1825	1300	724	815	976
1200	594	1123	588	946	1140	1077	869	694	1243	929	839	1204	1147
877	372	935	412	902	706	538	673	386	980	658	515	669	735
800	341	799	376	728	552	483	626	345	555	551	374	504	589
863	311	880	496	839	698	571	658	384	581	540	454	505	713
739	446	794	469	831	820	623	643	469	934	744	542	652	725

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

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

FEET

E RIVER

IVER

1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
488	348	212	185	357	593	259	607	547	558	533	370	287	461	579
1300	724	815	976	685	1355	956	955	1269	1091	491	591	779	872	1098
929	839	1204	1147	987	1373	875	879	1334	1000	778	1223	972	1028	1265
658	515	669	735	598	1213	605	637	746	648	885	657	914	895	916
551	374	504	589	464	753	505	535	746	637	891	589	675	776	742
540	454	505	713	473	823	660	716	840	681	945	652	697	843	951
744	542	652	725	594	1018	643	721	914	769	754	680	711	812	925

N ONE

1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
216	204	257	343	273		246	213	290	92		139	250	228	331
247	110	201	294	185	242	221	212	269	227	170	196	186	294	316
177	168	197	377	168	233	249	222	267	190	219	200	203	198	317
213	161	218	338	208	238	239	216	275	169	195	178	213	240	321

ON TWO

1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
409	314	412	438	326		358	422	479	556		518	664	666	591
325	264	305	329	280	511	281	323	482	409	567	393	489	529	459
361	286	308	376	305	590	411	494	578	491	538	452	493	645	657
365	288	341	381	303	550	350	413	513	485	552	454	549	613	569

Chart No. 19

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
593	259	607	547	558	533	370	287	461	579	17	479	712
1355	956	955	1269	1091	491	591	779	872	1098	680	1213	1018
1373	875	879	1334	1000	778	1223	972	1028	1265	701	1168	1326
1213	605	637	746	648	885	657	914	895	916	924	893	1203
753	505	535	746	637	891	589	675	776	742	894	765	1185
823	660	716	840	681	945	652	697	843	951	980	832	1112
1018	643	721	914	769	754	680	711	812	925	699	892	1093

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
------	------	------	------	------	------	------	------	------	------	------	------	------

242	221	212	290	92		139	250	228	331	214	282	343
233	249	222	269	227	170	196	186	294	316	350	287	378
			267	190	219	200	203	198	317	310	271	331
238	239	216	275	169	195	178	213	240	321	291	280	351

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
------	------	------	------	------	------	------	------	------	------	------	------	------

511	281	323	479	556		518	664	666	591	732	611	860
590	411	494	482	409	567	393	489	529	459	564	478	807
			578	491	538	452	493	645	657	679	561	781
550	350	413	513	485	552	454	549	613	569	658	550	816

DISTRIBUTION OF DRAINAGE WATER TO VARIOUS CANALS 1950

Drainage District No. 2

	Percent of Total		Percent of Total
Farmers Union	20.99	Canyon County	12.68
Boise Valley	10.03	Ballantine	3.04
New Dry Creek	9.47	Boise City	3.01
New Union	1.21	Consumers	.11
Middleton Canal	35.00	Little Pioneer	4.46

The credits given above are based on a drainage flow of 100 second feet while canal deliveries are 100 percent.

Judge Brink order, August, 1928, gives 90 inches additional to Farmers Union.

Drainage District No. 3

	Percent of Total		Percent of Total
Board of Control	49	Rossi Mill	10
Ridenbaugh	24	Meeves	2
Bubb (South Boise)	15		

The credits given are based upon a drainage discharge of 15 second feet while canal deliveries are 100 percent.

Drainage District No. 4

	Inches
Thurman Mill	570.98
Ridenbaugh	51.34
Warm Springs Slough	127.68

The credits above are based on a drainage discharge of 750 inches, and the amounts are a direct court order.

INTERVENORS - STEWART DECREE BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT
				SEC. FT.	INCHES	
66-A	4-1-1878	J. S. Kraus				
129-A	4-1-1897	H. E. Plain				
66-C	4-1-1878	J. W. Kolander	Ballantine	.80	40	
66-D	4-1-1878	M. T. Griffith	Dry Creek	.54	27	
73-A	4-1-1880	Goble & Songer	Ballantine	1.40	70	
75-A	6-1-1880	C. B. Frank	Ballantine	.80	40	
136	5-1-1906	H. E. Wymer	Dry Creek	.54	27	
85-A	6-1-1882	Leo Marsters	Dry Creek	.816	40.80	
137	5-1-1909	B. P. Weaverling	Ballantine	.356	17.80	
138	6-14-1912	Wesley A. Mace	Warm Springs	1.60	80	
85-C	5-1-1883	Wm. Huckba	Mace & Mace	1.60	80	
85-D	5-1-1883	C. H. Schmelzer	Catlin & Mace	.40	20	
85-E	5-1-1883	C. W. McClurg	Dry Creek	.203	10.15	
124-A	5-1-1893	W. D. Charters	Ballantine	.7506	37.53	
85-B	4-1-1883	Jacob Bingham	Dry Creek	.35	17.50	
77-A	4-15-1882	Roc Helms	" "	.75	37.50	
8-A	4-1-1865	Adolph Bahler	Settlers	1.00	50	
47-A	4-1-1870	" "	Riverside Irrig. Dist.	3.674	183.70	
35-A	6-1-1867	Ralph T. Knight	Bahler	.80	40	
116-A	6-1-1890	Anna Spencer	" "	.80	40	
116-B	6-1-1890	Willis B. Spencer	Canyon County	1.76	88	
116-C	6-1-1890	Rebecca Bell	Riverside Irrig. Dist.	.72	36	12-
114-A	5-1-1889	Neil & Patrick O'Donnell	" " "	.10	5	"
114-B	5-1-1889	Gus A. Barth	" " "	.40	20	"
77-A	6-1-1881	Charles Jurries	O'Donnell & Barth	1.60	80	46
77-B	6-1-1881	James Finlay	" "	.80	40	46
77-C	6-1-1881	Lester J. Shippy	" " "	.34	17	46
77-D	6-1-1881	Wm. Musser	" " "	.80	40	46
31-A	6-1-1866	Minnie & Jerry Couzens	Parma Ditch Co.	1.30	65	46
31-B	6-1-1866	Albert C. Bowerman	" " "	2.30	115	48
31-C	6-1-1866	Island Highline Ditch Co.	Lawrence & Kennedy	.60	30	48
71-A	4-1-1879	" " " "	Middleton Water	1.10	55	48
137-A	4-1-1910	" " " "	Lawrence & Kennedy	3.00	150	49
139	4-1-1915	Albert Lemp et al	" " " "	7.00	350	49
75-A	1880	Louise Slomonsen	" " " "	10.00	500	49
29-A	1865	First Nat. Bank of Pueblo	Larsen-Baxter & Lemp	3.20	160	49
8-B	4-1-1865	S. G. Hardies & Amelia Eisley	Lemp Ditch-Eagle Island	6.00	300	49
29-B	1865	" " " "	Bubb	1.80	90	49
51-A	1870	" " " "	Bubb	.50	25	49
116-A	1889	" " " "	"	1.00	50	49
				.84	42	49

INTERVENORS - STEWART DECREE
BOISE RIVER

CHART 21

NAME	CANAL	AMOUNT DECREED		DEPT. OF REC. FILE NO.
		SEC. FT.	INCHES	
J. S. Kraus	Ballantine	.80	40	373
H. E. Plain	Dry Creek	.54	27	373
J. W. Kolander	Ballantine	1.40	70	373
M. T. Griffith	Ballantine	.80	40	373
Goble & Songer	Dry Creek	.54	27	373
C. B. Frank	Dry Creek	.816	40.80	380
H. E. Wymer	Ballantine	.356	17.80	325
Leo Marsters	Warm Springs	1.60	80	324
B. P. Weaverling	Mace & Mace	1.60	80	294
Wesley A. Mace	Catlin & Mace	.40	20	293
Wm. Huckba	Dry Creek	.203	10.15	321
C. H. Schmelzer	Ballantine	.7506	37.53	320
C. W. McClurg	Dry Creek	.35	17.50	319
W. D. Charters	" "	.75	37.50	318
Jacob Bingham	Settlers	1.00	50	317
Roc Helms	Riverside Irrig. Dist.	3.674	183.70	295
Adolph Bahler	Bahler	.80	40	412
" "	"	.80	40	412
Ralph T. Knight	Canyon County	1.76	88	419
Anna Spencer	Riverside Irrig. Dist.	.72	36	12-A Misc.
Willis B. Spencer	" " "	.10	5	" "
Rebecca Bell	" " "	.40	20	" "
Neil & Patrick O'Donnell	O'Donnell & Barth	1.60	80	466
Gus A. Barth	" "	.80	40	467
" "	Parma Ditch Co.	1.60	80	467
Charles Jurries	" " "	.34	17	467
James Finlay	" " "	.80	40	467
Lester J. Shippy	" " "	1.30	65	467
Wm. Musser	Lawrence & Kennedy	2.30	115	482
Minnie & Jerry Couzens	Middleton Water	.60	30	482
Albert C. Bowerman	Lawrence & Kennedy	1.10	55	482
Island Highline Ditch Co.		3.00	150	491
" " " "		7.00	350	491
" " " "		10.00	500	491
Albert Lemp et al	Larsen-Baxter & Lemp	3.20	160	496
Louise Slomonsen	Lemp Ditch-Eagle Island	6.00	300	496
First Nat. Bank of Pueblo	Bubb	1.80	90	497
S. G. Bardies & Amelia Eisley	Bubb	.50	25	498
" " " "	"	1.00	50	498
" " " "	"	.84	42	498

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF I

No. of Change of Point of Diversion	Point of Diversion		Date of Change	Priority		No. of Acres
	From	To		No.	Date	
3	Eureka No. 2	Eureka No. 2	4-2-1912			
9	Pioneer Dixie	Pioneer Dixie	7-31-1912	96	10-1-87	80
29	Caldwell High Line	Canyon County	8-26-1918			
32	Davis	Davis Ditch	7-15-1919			50
35	Pioneer Dixie	Riverside	4-3-1919			
36	Canyon County	Middleton Water	4-12-1918	35	6-1-67	160
38	Hart & Davis	Seven Suckers	9-24-1915			
39	Hart & Davis	Seven Suckers	6-12-1918			
48	Pioneer Dixie	Pioneer Dixie	9-26-18			
50	Lower Cen. Point	Bowman & Swisher	3-31-1920	19	6-1-65	
51	Lower Cen. Point	Bowman & Swisher	3-31-1920	20	6-1-65	
54	Canyon County	Middleton Mill	4-24-1920	35	6-1-67	
57	Middleton Water	Ballantine	12-2-1920	65	6-1-77	35
59	Kennedy	Canyon County	3-18-1921	31	6-1-66	
61	Kennedy & Lawrence	Middleton Water	6-22-1921	31-B	6-1-66	
64	Ballantine	Dry Creek	12-21-1921	102	6-1-88	
75	Middleton Mill	Canyon County	11-25-1924			
76	Settlers	Settlers	3-12-1925	85-B	4-1-83	
77	Bubb	Bahler	4-26-1925	8-A	4-1-65	80
77	Bubb	Bahler	4-26-1925	47-A	4-1-70	
83	Warm Springs	Settlers	4-29-1926			
84	Middleton Water	Farmers Union	3-9-1926	65	6-1-77	
85	Upper Cen. Point	Eureka No. 2	5-7-1926			
91	Ballantine	Dry Creek	6-23-1926	103		
103	Parma Ditch	Parma Ditch	10-3-1928			
126	Lawrence & Kennedy	Middleton Water	3-25-1931	31-A	6-1-66	
127	Bowman & Swisher	Larsen, Baxter & Lemp	8-15-1930		6-1-65	
131	Eureka No. 2	Lower Cen. Point	1-16-32	89	11-9-83	
140	Ballantine	New Dry Creek	4-23-1934	85-D	5-1-83	
141	Fischer Power	Fischer Power	12-18-1934		7-9-12	
147	Middleton 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	5-15-1937		4-1-70	
153	Rein-Keogh-Bahler	Ridenbaugh	5-15-1937		5-1-95	
154	Bahler Ditch	Ridenbaugh	5-15-1937		4-1-65	
159	Upper Cen. Point	Eureka No. 2	5-27-1939		6-1-65	
161	Ballantine	New Dry Creek	5-5-1940	103	6-1-88	
174	Ballantine	New Dry Creek	3-28-1944	103	6-1-88	
175	Riverside	Eureka	4-11-1944		6-1-83	
176	Mammon Ditch	Haas Ditch	4-18-1944		6-1-78	
179	Catlin-Mace	Seven Suckers	3-31-1945	5)	6-1-64)	
				52)	6-1-71)	

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

Date of Change	Priority		No. of Acres	Quantity in Inches	By Whom
	No.	Date			
4-2-1912	96	10-1-87	80	50	Thos. T. Johnston
7-31-1912					Albert F. Clemens
8-26-1918					J. C. Hughes
7-15-1919					Ed Davis
4-3-1919	35	6-1-67	160	100	Rebecca Bell
4-12-1918					19
9-24-1915					52
6-12-1918					
9-26-18	19	6-1-65	35	144	George Rambo
3-31-1920					Jas. D. Ruark
3-31-1920					John S. Swisher
4-24-1920					Bird Bowman
12-2-1920	65	6-1-77	35	55½	H. G. Dudley
3-18-1921	31	6-1-66		30	
6-22-1921	31-B	6-1-66		130	
2-21-1921	102	6-1-88		30	
1-25-1924	85-B	4-1-83	80	10	W. Kennedy
3-12-1925				25	Minnie Cousens
4-26-1925				50	Harry Seavey
4-26-1925				40	Detweed Etc. Bank
4-29-1926	47-A	4-1-70	80	40	Jacob Bingham
3-9-1926	65	6-1-77		40	Adolph Bahler
5-7-1926				36	Adolph Bahler
6-23-1926				40	Leo Marsters
10-3-1928			25	J. C. Ralph	
3-25-1931	31-A	6-1-66	80	32½	J. C. Bruce
8-15-1930	89	6-1-65		115	Ira E. Barber
1-16-32		11-9-83		40	Charles Jurries
4-23-1934		5-1-83		35	Wm. Musser
2-18-1934	96	7-9-12	96	3	Wm. Baxter
1-8-1936		6-1-67		10	R. E. McGuire
1-17-1936		10-1-87		75	Chas. H. Schmelzer
2-10-1937		5-1-93		6½	Fischer Power Only
5-15-1937	103	4-1-70	103	40	Cora M. Clifton
5-15-1937		5-1-95		50	Dora Greer
5-15-1937		4-1-65		40	J. H. Cone
5-27-1939		6-1-65		5	Adolph Bahler
5-5-1940	103	6-1-88	103	32½	Adolph Bahler
3-28-1944		6-1-88		12	Raymond T. Breshears
4-11-1944		6-1-83		85	Sid Barber
4-18-1944		6-1-78		440	Frank M. Ray
3-31-1945	5)	6-1-64)	52)	12	Wilbur Breshears
	52)	6-1-71)			Charlotte D. Allen
					Idaho Fish & Game Dept.

F DECREEED RIGHTS ON BOISE RIVER

CHART 22

<u>No. of Acres</u>	<u>Quantity in Inches</u>	<u>By Whom</u>	<u>Remarks</u>
80		Thos. T. Johnston	
50	50	Albert F. Clemons	
		J. C. Hughes	
160	100	Ed Davis	
	19	Rebecca Bell	
	52	Draper & Others	
		Shafer & Others	
		George Rambo	
	144	Jas. D. Ruark	To Indian Creek
	320	John S. Swisher	
	55½	Bird Bowman	
35	30	H. G. Dudley	Foots & Wiseman
	130	Edward McClintick	
	30	W. Kennedy	
	10	Minnie Cousens	
	25	Harry Seavey	
	50	Detweed Etc. Bank	
80	40	Jacob Bingham	
	40	Adolph Bahler	
	36	Adolph Bahler	
	40	Leo Marsters	
	25	J. C. Ralph	
	32½	J. C. Bruce	
		Ira E. Barber	Not approved by ditch companies
		Charles Jurrries	Secretary
115		Wm. Musser	
40		Wm. Baxter	
35		R. E. McGuire	
3		Chas. H. Schmelzer	Below Fairview Bridge
		Fischer Power Only	
10		Cora M. Clifton	
75		Dora Greer	Decreed to Amer. Ditch Assoc.
6¾		J. H. Cone	
40		Adolph Bahler	
50		Adolph Bahler	
40		Adolph Bahler	
5		Raymond T. Breshears	
32½		Sid Barber	
12		Frank M. Ray	
85		Wilbur Breshears	
440		Charlotte D. Allen	
12		Idaho fish & Game Dept.	

Number of
Transfer

Point of Diversion
From To

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

Priority
No. Date Date of
Transfer Quantity
in Inches

34	Settlers	Settlers	92	10-17-84	3-16-1909)	15
34	"	"	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	Settlers			2-5-1910	10
46	Barber Lumber Co.	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	10-1-87	3-31-1910	210
50	Settlers	Settlers			6-7-1910	20
62	Pioneer Dixie	Eureka No. 2	96	10-1-87	11-14-1910	50
71	Upper Cen. Point	Eureka No. 2	24	6-1-65	3-14-1911	40
105	Siebenberg	Canyon Ditch	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	"	"	45	6-1-69)	11-25-1912)	
136	Jacobs	Farmers Union	2	6-1-64	6-8-1914	1000
219	Pioneer Irr. Dist.	Pioneer Irr. Dist.			7-15-1918	432
300	Middleton Mill	Dry Creek			4-20-1921	17.5
301	Middleton Mill	Dry Creek			4-20-1921	77
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 Water	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	3)	6-1-64)	8-13-1926	7.5
			54)	6-1-71)		
392	Middleton Water	Ridenbaugh	65	6-1-77	8-21-1926	20
393	Middleton Mill	Farmers Union	3)	6-1-54)	9-15-1926	14.4
393	Middleton Mill	Farmers Union	54)	6-1-71)		
393	Middleton Mill	Farmers Union	120)	6-1-91)		
395	Middleton Water	Farmers Union	65	6-1-77	11-16-1926	25
412	Thurman	Settlers	81	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	8-20-38	7-6-1929	445
468	Settlers	Settlers	65	6-1-77	7-12-1929	5
477	Settlers	Settlers	92	10-17-84	11-18-1929	10
483	Settlers	Settlers	92	10-17-84	4-7-1930	3
512	Jacobs Canal	Farmers Union	1	6-1-64	5-27-1932	50
513	Jacobs Canal	Farmers Union	1	6-1-64	5-27-1932	25
530	Jacobs Ditch	Farmers Union	1	6-1-64	5-15-34	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	
595	Jacobs Canal	Settlers	1	6-1-64	9-9-1938	
608	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
660	Riverside	Pioneer-Dixie	88	6-1-83	4-11-1944	30
694	Consumers	Settlers	30	5-1-66	4-29-1946	8
694	Consumers	Settlers	30	5-1-66	4-29-1946	6

RIGHTS ON BOISE RIVER

Date of Transfer	Quantity in Inches	By Whom Transferred	Remarks
16-1909)	15	Walter S. Bruce	
16-1909)			
19-1909	100	C. H. Rosenberger	Change in point of diversion only
1-1-1909	605	Wm. M. Messler	
5-1910	10	J. E. Moore	
4-1910	112	Barber Lumber Co.	
18-1910	1475	American Ditch Assn.	Change in point of diversion only
31-1910	210	Nichols & Cooper	Change in point of diversion only
7-1910	20	J. P. Cleek	
14-1910	50	J. A. Cartright	
14-1911	40	J. D. Roland	Change in point of diversion only
18-1912	25	H. E. Meek	
1-25-1912	60	H. L. Randall & Others	
1-25-1912)	1017	H. L. Randall & Others	
1-25-1912)			
6-8-1914	1000	Boise Fruit Tract Co.	
15-1918	432	Pioneer Irr. Dist.	Licensed Right Indian Creek
20-1921	17.5	Emma M. Fowler	
20-1921	77	John F. Groome	
2-6-1925	7	C. E. White	
2-6-1925	7	Frank Weasel	
2-6-1925	7	Carl A. Gish	
5-1925	10	Nellie B. Whitaker	
16-1926	56.2	Henry W. Bartlett	
26-1926	18.7	L. A. Rice	
5-6-1926	20	H. D. Parks	
5-6-1926	10	A. G. Wing	
7-8-1926	20	Mary F. Leach	
7-8-1926	13.3	H. E. McConnell	
7-8-1926	20	H. W. Bartlett	
7-8-1926	20	E. E. Smith	
8-13-1926	7.5	Rush Chase	
8-21-1926	20	Fred Eggers	
9-15-1926	14.4	A. C. Bowerman	
1-16-1926	25	G. R. McGuire	
12-2-1927	20	Chas. P. Mace	
7-2-1928	12.5	O. E. Allison	Formerly Middleton Water
7-6-1929	445	W. H. Tuller	
7-12-1929	5	C. C. Wood	
11-18-1929	10	Chas. N. Walker	
4-7-1930	3	Frank P. Weasel	
5-27-1932	50	W. Scott Anderson	
5-27-1932	25	Farmers Union Ditch	
5-15-34	15	A. B. Whitney	
12-31-1934	34.37	Federal Land Bank	
9-9-1938		Boise Trust Co.	Somermeir
9-9-1938		Boise Trust Co.	Falk
4-29-1940	50	W. F. Tracy	
11-12-1942	35	S. E. Smith	
10-18-1943	25	W. W. Howell	Larson Tract
10-18-1943	50	W. W. Howell	Hamming Tract
10-18-1943	25	W. W. Howell	Budge Tract
4-11-1944	30	D. W. Baldwin	
4-29-1946	8	W. W. Howell	Kenneth O. Earl
4-29-1946	6	W. W. Howell	L. R. Fewkes

Number of
Transfer

Point of Diversion
From To

TRANSFERS OF DECREED RIGHTS ON BOISE RIVER

Priority
No. Date

Date of
Transfer

Quantity
In Inches

B
Tra

694	Consumers	Settlers	30	5-1-66	4-29-1946	7	
694	Consumers	Settlers	30	5-1-66	4-29-1946	13	W. W.
701	Consumers	New York	30	5-1-66	12-20-1946	100	W. W.
702	Consumers	Settlers	30	5-1-66	12-20-1946	30	W. W.
712	Consumers	Settlers	30	5-1-66	6-14-1947	10	W. W.
"	"	"	"	"	"	10	
"	"	"	"	"	"	25	
713	"	New Dry Creek	30	"	6-14-1947	27	
717	Siebenberg	Farmers Coop.	9	6-1-65	11-25-1947	32	R. M.
720	Consumers	Settlers	30	5-1-66	5-4-1948	10	W. W.
720	"	"	"	"	"	10	
720	"	"	"	"	"	7	
720	"	"	"	"	"	10	
720	"	"	"	"	"	20	
720	"	"	"	"	"	10	
736	Thurman Mill	"	37	6-1-68	3-9-1949	50	Aircraft Se
737	Consumers	"	30	5-1-66	3-9-1949	55	W. W. H
739	"	"	30	5-1-66	4-2-1949	7.5	W. W. H
753	"	Old " " Mill	30	5-1-66	4-14-1950	23	J. R. F.
754	"	Middleton Mill	30	5-1-66	4-14-1950	20	J. R. F.

Chart No. 23-A

BOISE RIVER

Quantity in Inches	By Whom Transferred	Remarks
7	W. W. Howell	O. G. Stark
13	W. W. Howell	G. W. Kyle
100	W. W. Howell	Rex Jensen (Boise-Kuna Irrig. Dist.)
30	W. W. Howell	Mrs. Edith Curtis
10	W. W. Howell	Clyde Simpson
10	"	John Demond
25	"	Len Simpson
27	"	J. S. Beebe
32	R. M. Tucker	W. E. Doty
10	W. W. Howell	Tom Erquiaga
10	"	Louis Odermott
7	"	W. H. Caldwell
10	"	Norman C. Steele
20	"	George Bert Roylance
10	"	
50	Aircraft Service Co.	
55	W. W. Howell	
7.5	W. W. Howell	
23	J. R. Field	8" Hager Tract, 15" Kimble Tract
20	J. R. Field	Brink Tract

STEWART DECREE.

No	Date	Name	Amt. Decreed		No	Date	Name	Amt. Decreed		No
			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
2	6-1-64	Jacobs Canal Co.	20.00	1000	47	6-1-69	T. W. Boone	3.50	175	92
3	6-1-64	Middleton Mill Ditch	12.80	640	48	6-1-70	W. J. Hamming	2.60	130	93
4	6-1-64	Thomas Andrews	3.30	165	49	6-1-70	Pioneer Canal	25.72	1286	94
5	6-1-64	Catlin & Mace	2.86	143	50	6-1-69	Barber Lumber Co.	2.24	112	95
6	6-1-64	T. C. Catlin	3.30	165	51	6-1-70	Thomas Andrews	1.30	65	96
7	6-1-64	C. C. Havird	3.30	165	52	6-1-71	Catlin & Mace	7.86	393	97
8	6-1-64	Pioneer Diney Ditch Co.	20.00	1000	53	6-1-71	Peter Meerns	1.80	90	98
9	6-1-65	Seibenberg Ditch Co.	13.42	671	54	6-1-71	Middleton Mill Ditch Co.	33.70	1685	99
10	6-1-65	Allen K. Webster	1.20	60	55	6-1-72	J. F. Varyan	.70	35	100
11	6-1-65	J. F. Varyan	.66	33	56	6-1-72	J. F. Varyan	1.40	70	101
12	6-1-65	Graham & Gilbert	4.40	220	57	6-1-72	Mary C. Davis	4.40	220	102
13	6-1-65	Eureka Water Co.	33.32	1666	58	6-1-72	Edward H. Hart	3.30	165	103
14	6-1-65	New Union Ditch Co.	13.76	688	59	6-1-74	T. W. Boone	2.20	110	104
15	6-1-65	Boise Valley Irrig. Ditch	54.58	2729	60	6-1-75	Farmers Cooperative D. Co.	10.00	500	105
16	6-1-65	Ridenbaugh & Rossi	9.20	460	61	6-1-76	Edward & Mary Clark	2.30	115	106
17	6-1-65	Ridenbaugh & Rossi (Renn)	265.80	13290	62	6-1-76	John Cecil	.99	22	107
18	6-1-65	Denver Bladale Land Co.	.80	40	63	6-1-77	Thomas Aikens	5.20	260	108
19	6-1-65	Martha Bowman	2.88	144	64	6-1-77	W. H. Conway	.90	45	109
20	6-1-65	Bird Bowman	6.40	320	65	6-1-77	Middleton Water Co.	114.08	5704	110
21	6-1-65	G. W. Gess	2.90	145	66	7-1-77	Perrault & Johnson (Went)	200.00	10000	111
22	6-1-65	Robert M. Gure	3.20	160	67	5-1-78	Nampa Meridian Irrig. D.	170.00	8500	112
23	6-1-65	C. W. Cooper	3.20	160	68	6-1-78	John Mammion	4.20	210	113
24	6-1-65	J. W. Roland	2.40	120	69	6-1-78	Julia Mammion	3.36	168	114
25	6-1-65	Draper & Wells	3.94	197	70	6-1-78	Charles Ellen	8.80	440	115
26	6-1-65	Thomas J. Palmer	1.60	80	71	6-1-78	R. H. Stockton	4.40	220	116
27	6-1-65	Noah W. Palmer	1.58	79	72	6-1-79	New Dry Creek Ditch Co.	31.32	1566	117
28	6-1-65	J. N. Tucker	7.00	350	73	6-1-79	D. Mumford	4.00	200	118
29	6-1-65	Thomas Andrews	6.00	300	74	6-1-80	Smith Stockton	1.76	88	119
30	5-1-66	J. Perrault & R. Johnson	50.00	2500	75	6-1-80	Isham Taplin	2.40	120	120
31	6-1-66	William P. Kennedy	2.60	130	76	10-20-80	Joseph Goble	.90	45	121
32	6-1-66	Manville & Leonard	3.50	175	77	10-29-80	Franklin Ditch Co.	27.60	1380	122
33	6-1-66	Boise City Canal Co.	38.06	1903	78	6-1-82	Allen K. Webster	.90	45	123
34	6-1-66	Franklin Ditch Co.	15.40	770	79	6-1-82	Susie Campbell	.60	30	124
35	6-1-67	Canyon Co. Water Co.	75.80	3790	80	6-1-82	J. T. Barber	1.60	80	125
36	6-1-68	Martha E. McCarthy	14.10	705	81	6-1-82	Somera Taplin	3.40	170	126
37	6-1-68	H. D. & Dora Goodman	3.70	185	82	6-1-82	S. W. Hutchinson	.99	22	127
38	6-1-68	T. T. Johnson	3.20	160	83	6-1-82	Johnson	.99	22	128
39	6-1-68	Ross, Allen, Dilley & Ross	8.94	427	84	6-1-82	Andrew J. Taplin	2.86	143	129
40	6-1-68	S. S. Gray	1.40	70	85	6-1-82	James L. Graham	2.20	110	130
41	6-1-69	John Mammion	1.80	90	86	6-1-83	Farmers Cooperative Ditch	20.00	1000	131
42	6-1-69	Isaac Bedal	1.60	80	87	6-1-83	Francis M. Taplin	.90	45	132
43	6-1-69	Frederick Ode	3.60	180	88	6-1-83	W. H. Black	12.00	600	133
44	6-1-69	Prior Burnett	8.50	425	89	11-9-83	Eureka Ditch Co. No. 2	21.70	1085	134
45	6-1-69	Pioneer Diney Ditch Co.	35.44	1772	90	6-1-84	Pioneer Diney Ditch	53.10	2655	135

* Indicates Rights supplied by return flow to River.

STEWART DECREE.

24.
CHART 24.

Date	Name	Amt. Decreed		No.	Date	Name	Amt. Decreed	
		Sec. Ft.	Inches				Sec. Ft.	Inches
6-1-69	Mason Creek Ditch Co.	37.20	1860	91	6-1-84	Riverside Irrig. Dist.	20.00	1000
6-1-69	T.W. Boone.	3.50	175	92	10-17-84	Settlers Canal Co.	99.06	4953
6-1-70	W.J. Hamming	2.60	130	93	6-1-86	New Dry Creek Ditch	15.22	761
6-1-70	Pioneer Canal	25.72	1286	94	6-1-86	Thomas Davis	13.40	670
6-1-69	Barber Lumber Co.	2.24	112	95	1-23-87	W.C. L & E. Young	4.00	200
6-1-70	Thomas Andrews	1.30	65	96	10-1-87	American Ditch Assoc.	47.80	2390
6-1-71	Catlin & Maca	7.86	393	97	6-1-88	New Dry Creek Ditch Co.	7.86	393
6-1-71	Peter Meers	1.80	90	98	6-1-88	A.V. Linder	4.00	200
6-1-71	Middleton Mill Ditch Co.	33.70	1685	99	6-1-88	Levi Smith	1.30	65
6-1-72	J.F. Yaryan	.70	35	100	6-1-88	Charlotte Calhoun	1.40	70
6-1-72	J.F. Yaryan	1.40	70	101	6-1-88	Ed. J. Linder	1.46	73
6-1-72	Mary C. Daris	4.40	220	102	6-1-88	Lizzie Everett	1.20	60
6-1-72	Edward N. Hart	3.30	165	103	6-1-88	Jessie Wilson	1.40	70
6-1-74	T.W. Boone	2.20	110	104	6-1-88	Thomas Andrews	.90	45
6-1-75	Farmers Cooperative D. Co.	10.00	500	105	7-1-88	Farmers Coop. Ditch Co.	50.00	2500
6-1-76	Edward & Mary Clark	2.30	115	106	8-20-88	Nampa Meridian Irrig. D.	370.84	18542
6-1-76	John Cecil	.44	22	107	5-1-89	Chas. S. Miller	.06	3
6-1-77	Thomas Atkins	5.20	260	108	5-1-89	Lammis L. Haseley	.02	1
6-1-77	W.H. Conway	.90	45	109	5-1-89	S.B.J. Utter & C.B. Taylor	2.40	120
6-1-77	Middleton Water Co.	114.08	5704	110	5-1-89	South Base Mutual Irrig. Co.	6.00	300
7-1-77	Perrault & Johnson (Wagon)	200.00	10000	111	5-1-89	Estate of J.H. Gallagher	2.94	147
5-1-78	Nampa Meridian Irrig. D.	170.00	8500	112	5-1-89	Anna H. Fogarty	.05	2
6-1-78	John Mammam	4.20	210	113	5-1-89	Grace Call	.10	5
6-1-78	Julia Mammam	3.36	168	114	5-1-89	Samuel H. Canfield	.03	1
6-1-78	Charles Ellen	8.80	440	115	6-1-89	Sonora Joplin	.06	3
6-1-78	R.H. Stockton	4.40	220	116	6-1-89	Sonora Joplin	1.20	60
6-1-79	New Dry Creek Ditch Co.	31.32	1566	117	9-1-90	Pioneer Irrig. District	200.00	10000
6-1-79	D. Mumford	4.00	200	118	6-1-91	W.H. Conway	2.20	110
6-1-80	Smith Stockton	1.76	88	119	6-1-91	Thomas Davis	.54	27
6-1-80	Isam Joplin	2.40	120	120	6-1-91	Middleton Mill Ditch Co.	17.00	850
10-20-80	Joseph Goble	.90	45	121	6-1-91	Thomas Andrews	3.50	175
10-29-80	Franklin Ditch Co.	27.60	1380	122	6-1-91	Settlers Canal Co.	73.44	3672
6-1-82	Allen V. Webster	.90	45	123	6-1-91	Thomas Atkins	.80	40
6-1-82	Susie Campbell	.60	30	124	5-1-93	Riverside Irrig. District	80.00	4000
6-1-82	J.T. Becker	1.60	80	125	6-1-94	R.H. Stockton	1.76	88
6-1-82	Sonora Joplin	3.40	170	126	7-2-94	Farmers Union Ditch Co.	110.00	5500
6-1-82	S.W. Hutchinson	.44	22	127	5-1-95	Charles Rein & Jane Keck	1.00	50
6-1-82	Johnson	.44	22	128	7-1-95	Matthew Casey	.66	33
6-1-82	Andrew J. Joplin	2.86	143	129	7-1-96	Farmers Coop. Ditch Co.	83.50	4175
6-1-82	James L. Graham	2.20	110	130	10-1-99	Riverside Irrig. District	20.00	1000
6-1-83	Farmers Cooperative Ditch	20.00	1000	131	3-23-00	New York Canal Co.	219.10	10955
6-1-83	Francis M. Joplin	.90	45	132	5-17-00	Canyon Ditch Co.	10.00	500
6-1-83	W.R. Black	12.00	600	133	6-1-01	Riverside Irrig. District	70.00	3500
11-9-83	Eureka Ditch Co. No. 2	21.70	1085	134	10-25-01	Canyon Ditch Co.	5.54	277
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.

A.S. Tolman
Irrig. Eng.

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Intervenors		Amount Dec
			No.	Date		Stewart Decree	Bryan Decree	
New York			131	3-23-1900	219.10			
				3-23-1900				
				12-14-1903				58.86
				6-16-1909				1354.58
		111	8	6-1-1864)	20.34			926.50
			45	6-1-1869)				
		111	96	10-1-1887	1.20			
		466	106	8-20-1888	8.90			
		701	30	5-1-1866	2.00			
Nampa & Meridian			67	5-1-1878	170.00			
			106	8-20-1888	370.84			
		392	65	6-1-1877	.40			
	152		47-A	4-1-1870			.80	
	153		127	5-1-1895	1.00			
	154		8-A	4-1-1865			.80	
		466*	106	8-20-1888	8.90*			
		595	1	6-1-1864	.20			
Bubb (So. Boise)			107	5-1-1889	.06			
			108	5-1-1889	.02			
			109	5-1-1889	2.40			
			110	5-1-1889	6.00			
			111	5-1-1889	2.94			
			112	5-1-1889	.05			
			113	5-1-1889	.10			
			114	5-1-1889	.03			
			8-B	4-1-1865		1.80		
			29-B	4-1-1865		.50		
			51-A	1870		1.00		
			116-A	4-1-1889		.84		
				4-1-1905			5.40	
								270
Meeves			53	6-1-1871	1.80			90
Rossi Mill			16	6-1-1865	9.20			460
			18	6-1-1865	.80			40
Manville-Leonard								
			32	6-1-1866	3.50			175

AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Chart No. 25

No.	Priority Date	Amount Decreed			Inches	Total Sec. Ft.
		Stewart Decree	Intervenors Stewart Decree	Bryan Decree		
131	3-23-1900	219.10			10955	
	3-23-1900				2943	
	12-14-1903			58.86	67729	
	6-16-1909			1354.58	46325	
8	6-1-1864)	20.34		926.50	1017	
45	6-1-1869)				60	
96	10-1-1887	1.20			445	
106	8-20-1888	8.90			100	2591.48
30	5-1-1866	2.00				
67	5-1-1878	170.00			8500	
106	8-20-1888	370.84			18542	
65	6-1-1877	.40			20	
47-A	4-1-1870		.80		40	
127	5-1-1895	1.00			50	
8-A	4-1-1865		.80		40	
106	8-20-1888	8.90*			445*	
1	6-1-1864	.20				535.14
107	5-1-1889	.06			3	
108	5-1-1889	.02			1	
109	5-1-1889	2.40			120	
110	5-1-1889	6.00			300	
111	5-1-1889	2.94			147	
112	5-1-1889	.05			2	
113	5-1-1889	.10			5	
114	5-1-1889	.03			2	
8-B	4-1-1865		1.80		90	
29-B	4-1-1865		.50		25	
51-A	1870		1.00		50	
116-A	4-1-1889		.84		42	
	4-1-1905			5.40	270	21.14
53	6-1-1871	1.80			90	1.80
16	6-1-1865	9.20			460	
18	6-1-1865	.80			40	10.00
32	6-1-1866	3.50			175	3.50

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Amount Decreed		
			No.	Date		Intervenors Stewart Decree	Bryan Decree	Inches
Davis			94	6-1-1886	13.40			670
Little Davis			119	6-1-1891	.54			27
Settlers			92	10-17-1884	99.06			4953
			122	6-1-1891	73.44			3672
		347	3	6-1-1864	.14			7
		349	3	6-1-1864	.14			7
		350	3	6-1-1864	.14			7
		357	65	6-1-1877	.20			10
		412	81	6-1-1882	.40			20
	76		85-B	4-1-1883		1.00		50
	83		85-A	6-1-1882		.72		36
		430	65	6-1-1877	.25			12.5
		595	1	6-1-1864	.20			10
		654	30	5-1-1866	.50			25
		654	30	5-1-1866	1.00			50
		654	30	5-1-1866	.50			25
		694	30	5-1-1866	.16			8
		694	30	5-1-1866	.12			6
		694	30	5-1-1866	.14			7
		694	30	5-1-1866	.26			13
		702	30	5-1-1866	.60			30
		712	30	5-1-1866	.20			10
		712	30	5-1-1866	.20			10
		712	30	5-1-1866	.50			25
		720	30	5-1-1866	1.34			67
		736	37	6-1-1868	1.00			50
		737	30	5-1-1866	1.10			55
		739	30	5-1-1866	.15			7.5
		753	30	5-1-1866	.46			23
Thurman Mill			7	6-1-1864	3.30			165
			10	6-1-1865	1.20			60
			11	6-1-1865	.66			33
			36	6-1-1868	14.10			705
			37	6-1-1868	3.70			185
			42	6-1-1869	1.60			80
			55	6-1-1872	.70			35
			56	6-1-1872	1.40			70
			62	6-1-1876	.44			22
			75	6-1-1880	2.40			120
			76	10-20-1880	.90			45
			78	6-1-1882	.90			45
			79	6-1-1882	.60			30
			81	6-1-1882	2.60			130
			84	6-1-1882	1.50			75
			87	6-1-1883	.90			45
			128	7-1-1895	.66			33
		412*	81	6-1-1882	.40*			20*
		736*	37	6-1-1868	1.00*			50*

*Subtract

BRYAN DECREES GROUPED UNDER CANAL HEADINGSAmount Decreed

<u>Priority</u> <u>No.</u>	<u>Date</u>	<u>Stewart</u> <u>Decree</u>	<u>Intervenors</u>		<u>Inches</u>	<u>Total</u> <u>Sec. Ft.</u>
			<u>Stewart</u> <u>Decree</u>	<u>Bryan</u> <u>Decree</u>		
94	6-1-1886	13.40			670	13.40
119	6-1-1891	.54			27	.54
92	10-17-1884	99.06			4953	
122	6-1-1891	73.44			3672	
3	6-1-1864	.14			7	
3	6-1-1864	.14			7	
3	6-1-1864	.14			7	
65	6-1-1877	.20			10	
81	6-1-1882	.40			20	
85-B	4-1-1883		1.00		50	
85-A	6-1-1882		.72		36	
65	6-1-1877	.25			12.5	
1	6-1-1864	.20			10	
30	5-1-1866	.50			25	
30	5-1-1866	1.00			50	
30	5-1-1866	.50			25	
30	5-1-1866	.16			8	
30	5-1-1866	.12			6	
30	5-1-1866	.14			7	
30	5-1-1866	.26			13	
30	5-1-1866	.60			30	
30	5-1-1866	.20			10	
30	5-1-1866	.20			10	
30	5-1-1866	.50			25	
30	5-1-1866	1.34			67	
37	6-1-1868	1.00			50	
30	5-1-1866	1.10			55	
30	5-1-1866	.15			7.5	
30	5-1-1866	.46			23	183.92
7	6-1-1864	3.30			165	
10	6-1-1865	1.20			60	
11	6-1-1865	.66			33	
36	6-1-1868	14.10			705	
37	6-1-1868	3.70			185	
42	6-1-1869	1.60			80	
55	6-1-1872	.70			35	
56	6-1-1872	1.40			70	
62	6-1-1876	.44			22	
75	6-1-1880	2.40			120	
76	10-20-1880	.90			45	
78	6-1-1882	.90			45	
79	6-1-1882	.60			30	
81	6-1-1882	2.60			130	
84	6-1-1882	1.50			75	
87	6-1-1883	.90			45	
128	7-1-1895	.66			33	
81	6-1-1882	.40*			20*	37.16
37	6-1-1868	1.00*			50*	36.16

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Intervenors		Amount Decrease
			No.	Date		Stewart Decree	Bryan Decree	
Penitentiary	46		50	6-1-1866	2.24			
Cruzen (Consumers)								
		654*	30	5-1-1866	50.00			25
		654*	30	5-1-1866	.50*			
		654*	30	5-1-1866	1.00*			
		694*	30	5-1-1866	.50*			
		694*	30	5-1-1866	.16*			
		694*	30	5-1-1866	.12*			
		694*	30	5-1-1866	.14*			
		694*	30	5-1-1866	.26*			13
		701*	30	5-1-1866	2.00*			100
		702*	30	5-1-1866	.60*			30
		712*	30	5-1-1866	.20*			10*
		712*	30	5-1-1866	.20*			10*
		712*	30	5-1-1866	.50*			25*
		713*	30	5-1-1866	.54*			27*
		720*	30	5-1-1866	1.34*			67*
		737*	30	5-1-1866	1.10*			55*
		739*	30	5-1-1866	.15*			7.
		753*	30	5-1-1866	.46*			23*
		754*	30	5-1-1866	.40*			20*
Boise City			33	6-1-1866	38.06			1903
		370*	33	6-1-1866	1.124*			56.2
		373*	33	6-1-1866	.374*			18.7
Farmers Union			126	7-2-1894	110.00			5500
		136	2	6-1-1864	20.00			1000
		370	33	6-1-1866	1.124			56.2
		373	33	6-1-1866	.374			18.7
		374	65	6-1-1877	.40			20
		375	65	6-1-1877	.20			10
		384	65	6-1-1877	.40			20
		385	65	6-1-1877	.266			13.3
		386	65	6-1-1877	.40			20
		387	65	6-1-1877	.40			20
		391	3)	6-1-1864				
		391	54)	6-1-1871	.15			7.5
		393	3	6-1-1864)				
		393	54	6-1-1871)	.288			14.4
		393	120	6-1-1891)				
		395	65	6-1-1877	.50			25
		430*	65	6-1-1877	.25*			12.5*
			65	6-1-1877	.80			40
	84	512	1	6-1-1864	1.00			50
		513	1	6-1-1864	.50			25
		530	1	6-1-1864	.30			15
				7-2-1894			54.46	2723

*Subtract

AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Chart No. 25-B

Order No.	Priority		Amount Decreed			Total Sec. Ft.
	No.	Date	Stewart Decree	Intervenors Stewart Decree	Bryan Decree Inches	
	50	6-1-1866	2.24		112	2.24
	30	5-1-1866	50.00		2500	
	30	5-1-1866	.50*		25*	
	30	5-1-1866	1.00*		50*	
	30	5-1-1866	.50*		25*	
	30	5-1-1866	.16*		8*	
	30	5-1-1866	.12*		6*	
	30	5-1-1866	.14*		7*	
	30	5-1-1866	.26*		13*	
	30	5-1-1866	2.00*		100*	
	30	5-1-1866	.60*		30*	
	30	5-1-1866	.20*		10*	
	30	5-1-1866	.20*		10*	
	30	5-1-1866	.50*		25*	
	30	5-1-1866	.54*		27*	43.28
	30	5-1-1866	1.34*		67*	41.94
	30	5-1-1866	1.10*		55*	
	30	5-1-1866	.15*		7.5*	
	30	5-1-1866	.46*		23*	
	30	5-1-1866	.40*		20*	39.83
	33	6-1-1866	38.06		1903	
	33	6-1-1866	1.124*		56.2*	
	33	6-1-1866	.374*		18.7*	36.562
	126	7-2-1894	110.00		5500	
	2	6-1-1864	20.00		1000	
	33	6-1-1866	1.124		56.2	
	33	6-1-1866	.374		18.7	
	65	6-1-1877	.40		20	
	65	6-1-1877	.20		10	
	65	6-1-1877	.40		20	
	65	6-1-1877	.266		13.3	
	65	6-1-1877	.40		20	
	65	6-1-1877	.40		20	
	3)	6-1-1864				
	54)	6-1-1871	.15		7.5	
	3	6-1-1864				
	54	6-1-1871	.288		14.4	
	120	6-1-1891				
	65	6-1-1877	.50		25	
	65	6-1-1877	.25*		12.5*	
	65	6-1-1877	.80		40	
	1	6-1-1864	1.00		50	
	1	6-1-1864	.50		25	
	1	6-1-1864	.30		15	
		7-2-1894		54.46	2723	191.312

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D. Transfer	Priority		Stewart Decree	Intervenors		Amount Decree
		No.	Date		Stewart Decree	Bryan Decree	
Boise Valley		15	6-1-1865	54.58			
New Union		14	6-1-1865	13.76			
New Dry Creek		72	6-1-1879	31.32			
		93	6-1-1886	15.22			
		97	6-1-1888	7.86			
		129-A	4-1-1897		.54		
		73-A	4-1-1880		.54		
		75-A	6-1-1880		.816		
		85-C	5-1-1883		.203		
		85-E	5-1-1883		.35		
		124-A	5-1-1893		.825		
	300	3	6-1-1864)				
	300	54	6-1-1871)	.35			
	300	120	6-1-1891)				
	301	3)	6-1-1864				
	301	54)	6-1-1871	1.54			
	301	120)	6-1-1891				
	64	102	6-1-1888	.20			
	140	85-D	5-1-1883		.06		
	151*	124-A	5-1-1893		.135*		
	161	103	6-1-1888	.65			
	174	103	6-1-1888	.24			
	713	30	5-1-1866	.54			
Ballantine		98	6-1-1888	4.00			200
		99	6-1-1888	1.30			65
		100	6-1-1888	1.40			70
		101	6-1-1888	1.46			73
		102	6-1-1888	1.20			60
		103	6-1-1888	1.40			70
		123	6-1-1891	.80			40
		66-A	4-1-1878		.80		40
		66-C	4-1-1878		1.40		70
		66-D	4-1-1878		.80		40
		85-D	5-1-1883		.7506		37
		136	5-1-1906		.356		17
	57	65	6-1-1877	.60			30
	64*	102	6-1-1888	.20*			10
	140*	85-D	5-1-1883		.06*		3
	151	124-A	5-1-1893		.135		6
	161*	103	6-1-1888	.65*			32
	174*	103	6-1-1888	.24*			12

*Subtract

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Chart No. 25-C

Age in of D. Transfer	Priority		Stewart Decree	Amount Decreed			Total Sec. Ft.
	No.	Date		Intervenors Stewart Decree	Bryan Decree	Inches	
	15	6-1-1865	54.58			2729	54.58
	14	6-1-1865	13.76			688	13.76
	72	6-1-1879	31.32				
	93	6-1-1886	15.22			1566	
	97	6-1-1888	7.86			761	
	129-A	4-1-1897				393	
	73-A	4-1-1880		.54		27	
	75-A	6-1-1880		.54		27	
	85-C	5-1-1883		.816		40.8	
	85-E	5-1-1883		.203		10.15	
	124-A	5-1-1893		.35		17.5	
300	3	6-1-1864)		.825		41.25	
300	54	6-1-1871)	.35				
300	120	6-1-1891)				17.5	
301	3)	6-1-1864					
301	54)	6-1-1871	1.54			77	
301	120)	6-1-1891					
	102	6-1-1888	.20			10	
	85-D	5-1-1883		.06		3	
	124-A	5-1-1893		.135*		6.75*	
	103	6-1-1888	.65			32.5	
	103	6-1-1888	.24			12	
713	30	5-1-1866	.54			27	61.119
	98	6-1-1888	4.00			200	
	99	6-1-1888	1.30			65	
	100	6-1-1888	1.40			70	
	101	6-1-1888	1.46			73	
	102	6-1-1888	1.20			60	
	103	6-1-1888	1.40			70	
	123	6-1-1891	.80			40	
	66-A	4-1-1878		.80		40	
	66-C	4-1-1878		1.40		70	
	66-D	4-1-1878		.80		40	
	85-D	5-1-1883		.7506		37.53	
	136	5-1-1906		.356		17.8	
	65	6-1-1877	.60			30	
	102	6-1-1888	.20*			10*	
	85-D	5-1-1883		.06*		3*	
	124-A	5-1-1893		.135		6.75	
	103	6-1-1888	.65*			32.5*	
	103	6-1-1888	.24*			12*	15.25

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Intervenor		Amount Decreed
			No.	Date		Stewart Decree	Bryan Decree	
Middleton Water	36		65	6-1-1877	114.08			
	57*		35	6-1-1867	.38			57
	61		65	6-1-1877	.60*			
	84*		31-B	6-1-1866				
	126		65	6-1-1877	.80*		.60	
		357*	31-A	6-1-1866				
		374*	65	6-1-1877	.20*	2.30		11
		375*	65	6-1-1877	.40*			10
		384*	65	6-1-1877	.20*			20
		385*	65	6-1-1877	.40*			10
		386*	65	6-1-1877	.266*			20*
		387*	65	6-1-1877	.40*			13.
		392*	65	6-1-1877	.40*			20*
		395*	65	6-1-1877	.40*			20*
			65	6-1-1877	.50*			25*
Middleton Mill			3	6-1-1864	12.80			640
			40	6-1-1868	1.40			70
			54	6-1-1871	33.70			1685
			120	6-1-1891	17.00			850
	54		35	6-1-1867	1.11			55.5
	75*				.50*			25*
	147*				.20*			10*
		300*	35	6-1-1867				
		300*	3)	6-1-1864				
		300*	54)	6-1-1871	.35*			17.5*
		300*	120)	6-1-1891				
		301*	3	6-1-1864)				
		301*	54	6-1-1871)	1.54*			77*
		301*	120	6-1-1891)				
		347*	3	6-1-1864	.14*			7*
		349*	3	6-1-1864	.14*			7*
		350*	3	6-1-1864	.14*			7*
		391*	3	6-1-1864)				
		391*	54	6-1-1871)	.15*			7.5
		393*	3)	6-1-1864				
		393*	54)	6-1-1871	.288*			14.4
		393*	120)	6-1-1891				
		754	30	5-1-1866	.40			20
Pioneer			49	6-1-1870	25.72			1286
Lawrence & Kennedy			31-C	6-1-1866		1.10		55

*Subtract

Chart No. 25-D

D BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Transfer	Priority		Stewart Decree	Intervenors		Inches	Total Sec. Ft.
	No.	Date		Stewart Decree	Bryan Decree		
	65	6-1-1877	114.08			5704	
	35	6-1-1867	.38			19	
	65	6-1-1877	.60*			30*	
	31-B	6-1-1866		.60		30	
	65	6-1-1877	.80*			40*	
	31-A	6-1-1866		2.30		115	
857*	65	6-1-1877	.20*			10*	
874*	65	6-1-1877	.40*			20*	
875*	65	6-1-1877	.20*			10*	
884*	65	6-1-1877	.40*			20*	
885*	65	6-1-1877	.266*			13.3*	
886*	65	6-1-1877	.40*			20*	
887*	65	6-1-1877	.40*			20*	
892*	65	6-1-1877	.40*			20*	
895*	65	6-1-1877	.50*			25*	112.794
	3	6-1-1864	12.80			640	
	40	6-1-1868	1.40			70	
	54	6-1-1871	33.70			1685	
	120	6-1-1891	17.00			850	
	35	6-1-1867	1.11			55.5	
			.50*			25*	
	35	6-1-1867	.20*			10*	
300*	3)	6-1-1864					
300*	54)	6-1-1871	.35*			17.5*	
300*	120)	6-1-1891					
301*	3	6-1-1864)					
301*	54	6-1-1871)	1.54*			77*	
301*	120	6-1-1891)					
347*	3	6-1-1864	.14*			7*	
349*	3	6-1-1864	.14*			7*	
350*	3	6-1-1864	.14*			7*	
391*	3	6-1-1864)					
391*	54	6-1-1871)	.15*			7.5*	
393*	3)	6-1-1864					
393*	54)	6-1-1871	.288*			14.4*	
393*	120)	6-1-1891					62.562
754	30	5-1-1866	.40			20	62.962
	49	6-1-1870	25.72			1286	25.72
	31-C	6-1-1866		1.10		55	1.10

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Amount Decree	
			No.	Date		Intervenors Stewart Decree	Bryan Decree
Canyon County			35	6-1-1867	75.80		
			35-A	6-1-1867		1.76	
	29						
	36*				1.00		
	54*		35	6-1-1867	.38*		
	59		35	6-1-1867	1.11*		
	75		31	6-1-1866	2.60		
	147				.50		
			35	6-1-1867	.20		
Lemp Ditch							
			29-A	1865		6.00	
Conway & Hamming							
			48	6-1-1870	2.60		
			64	6-1-1877	.90		
			118	6-1-1891	2.20		
Thos. Aiken							
			63	6-1-1877	5.20		
Catlin & Mace							
			5	6-1-1864	2.86		
	179*		52	6-1-1871	7.86		
			5)	6-1-1864			
			52)	6-1-1871	.24*		
			138	6-14-1912		.40	
Mace & Mace							
			137	5-1-1909		1.60	
Hart & Davis							
			6	6-1-1864	3.30		
			57	6-1-1872	4.40		
			58	6-1-1872	3.30		
	38*				1.04*		
	39*						
Graham & Gilbert							
			12	6-1-1865	4.40		
Warm Springs Slough							
			61	6-1-1876	2.30		
			80	6-1-1882	1.60		
			82	6-1-1882	.44		
			83	6-1-1882	.44		
			84	6-1-1882	1.36		
			85	6-1-1882	2.20		
			85-A	6-1-1882		1.60	
	83*		85-A	6-1-1882		.72*	

*Subtract

AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Transfer	Priority		Stewart Decree	Intervenors		Amount Decreed	
	No.	Date		Stewart Decree	Bryan Decree	Inches	Total Sec. Ft.
	35	6-1-1867	75.80			3790	
	35-A	6-1-1867		1.76		88	
			1.00			50	
	35	6-1-1867	.38*			19*	
	35	6-1-1867	1.11*			55.5*	
	31	6-1-1866	2.60			130	
			.50			25	
	35	6-1-1867	.20			10	80.37
	29-A	1865		6.00		300	6.00
	48	6-1-1870	2.60			130	
	64	6-1-1877	.90			45	
	118	6-1-1891	2.20			110	5.70
	63	6-1-1877	5.20			260	5.20
	5	6-1-1864	2.86			143	
	52	6-1-1871	7.86			393	
	5)	6-1-1864					
	52)	6-1-1871	.24*			12	10.48
	138	6-14-1912		.40		20	10.88
	137	5-1-1909		1.60		80	1.60
	6	6-1-1864	3.30			165	
	57	6-1-1872	4.40			220	
	58	6-1-1872	3.30			165	
			1.04*			52	9.96
	12	6-1-1865	4.40			220	4.40
	61	6-1-1876	2.30			115	
	80	6-1-1882	1.60			80	
	82	6-1-1882	.44			22	
	83	6-1-1882	.44			22	
	84	6-1-1882	1.36			68	
	85	6-1-1882	2.20			110	
	85-A	6-1-1882		1.60		80	
	85-A	6-1-1882		.72*		36*	9.22

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Amount Decreed		
			No.	Date		Intervenors Stewart Decree	Bryan Decree	In
Joplin			81	6-1-1882	.80			4
			115	6-1-1889	.06			6
			116	6-1-1889	1.20			
Seven Suckers	38							
	39				1.04			52
	179							
			5)	6-1-1864	.24			12
			52)	6-1-1871				
Phyllis			90	6-1-1884	53.10			2655
			117	7-1-1890	200.00			10000
			135	4-1-1904	56.34			2817
				4-1-1905			306.56	15328
				4-1-1908			54.50	2725
Eureka No. 1			13	6-1-1865	33.32			1666
Caldwell High Line			34	6-1-1866	15.40			770
			46	6-1-1869	37.20			1860
			77	10-29-1880	27.60			1380
	29*				1.00*			50*
Farmers Coop. Ditch			60	6-1-1875	10.00			500
			86	6-1-1883	20.00			1000
			105	7-1-1888	50.00			2500
			129	7-1-1896	83.50			4175
				4-1-1905			154.45	7722
	717		9	6-1-1865	.64			32
Canyon Ditch Co.			132	5-17-1900	10.00			500
			134	10-25-1901	5.54			277
	38		96	10-1-1887	12.10			605
	105		9	6-1-1865	.50			25
Siebenberg			9	6-1-1865	13.42			671
	105*		9	6-1-1865	.50*			25*
	717*		9	6-1-1865	.64*			32*

*Subtract

RYAN DECREES GROUPED UNDER CANAL HEADINGS

		Amount Decreed			
Priority No.	Date	Intervenors		Inches	Total Sec. Ft.
		Stewart Decree	Stewart Decree Bryan Decree		
81	6-1-1882	.80			
115	6-1-1889	.06		40	
116	6-1-1889	1.20		3	
				60	2.06
		1.04			
				52	
5)	6-1-1864	.24			
52)	6-1-1871			12	1.28
90	6-1-1884	53.10			
117	9-1-1890	200.00		2655	
135	4-1-1904	56.34		10000	
	4-1-1905			2817	
	4-1-1908		306.56	15328	
			54.50	2725	670.50
13	6-1-1865	33.32		1666	33.32
34	6-1-1866	15.40		770	
46	6-1-1869	37.20		1860	
77	10-29-1880	27.60		1380	
		1.00*		50*	80.20
60	6-1-1875	10.00		500	
86	6-1-1883	20.00		1000	
105	7-1-1888	50.00		2500	
129	7-1-1896	83.50		4175	
	4-1-1905		154.45	7722	
9	6-1-1865	.64		32	318.59
132	5-17-1900	10.00		500	
134	10-25-1901	5.54		277	
96	10-1-1887	12.10		605	
9	6-1-1865	.50		25	28.14
9	6-1-1865	13.42		671	
9	6-1-1865	.50*		25*	
9	6-1-1865	.64*		32*	12.28

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Amount Decreed		
			No.	Date		Intervenor Stewart Decree	Bryan Decree	In
Riverside			88	6-1-1883				
			91	6-1-1884	12.00			
			95	1-23-1887	20.00			
			124	5-1-1893	4.00			10
			130	10-1-1899	80.00			2
			133	6-1-1901	20.00			400
			77-A	4-15-1882	70.00			100
			116-A	6-1-1890		3.674		350
			116-B	6-1-1890		.72		18
			116-C	6-1-1890		.10		3
				4-1-1910		.40		2
		608*	88	4-1-1914			63.78	318
		644*	88	6-1-1883	1.00*		17.70	88
		660*	88	6-1-1883	.70*			50
			88	6-1-1883	.60*			35
	35				2.00			30
	175*		88	6-1-1883	1.70*			100
								85
Pioneer Dixie			8	6-1-1864	20.00			
			45	6-1-1869				1000
		36	96	10-1-1887	35.44			1772
		48	96	10-1-1887	2.00			100
		62*	96	10-1-1887	4.20			210
		111*	8)	6-1-1864	1.00*			50*
			45)	6-1-1869	20.34*			
		608	88	6-1-1883	1.00			1017*
		644	88	6-1-1883	.70			50
		660	88	6-1-1883	.60			35
	35*				2.00*			30
	148*		96	10-1-1887	1.50*			100*
								75*
Eureka No. 2			89	11-9-1883	21.70			
		47	96	10-1-1887	29.50			1085
		62	96	10-1-1887	1.00			1475
		71	24	6-1-1865	.80			50
	85			6-1-1865	.50			40
		111*	96	10-1-1887	1.20*			25
	131*		89	11-9-1883	.70*			60
	159			6-1-1865	.10			35
	175		88	6-1-1883	1.70			5
								85

*Subtract

AN DECREES GROUPED UNDER CANAL HEADINGS

Chart No. 25-G

Priority No.	Date	Amount Decreed			Inches	Total Sec. Ft.
		Stewart Decree	Intervenors Stewart Decree	Bryan Decree		
88	6-1-1883	12.00				
91	6-1-1884	20.00			600	
95	1-23-1887	4.00			1000	
124	5-1-1893	80.00			200	
130	10-1-1899	20.00			4000	
133	6-1-1901	70.00			1000	
77-A	4-15-1882				3500	
110-A	6-1-1890		3.674		183.7	
110-B	6-1-1890		.72		36	
110-C	6-1-1890		.10		5	
	4-1-1910		.40		20	
	4-1-1914			63.78	3189	
88	6-1-1883	1.00*		17.70	885	
88	6-1-1883	.70*			50*	
88	6-1-1883	.60*			35*	
		2.00			30*	
88	6-1-1883	1.70*			100	
					85*	290.374
8	6-1-1864	20.00				
45	6-1-1869	35.44			1000	
96	10-1-1887	2.00			1772	
96	10-1-1887	4.20			100	
96	10-1-1887	1.00*			210	
8)	6-1-1864				50*	
45)	6-1-1869	20.34*				
88	6-1-1883	1.00			1017*	
88	6-1-1883	.70			50	
88	6-1-1883	.60			35	
		2.00*			30	
96	10-1-1887	1.50*			100*	
					75*	39.10
89	11-9-1883	21.70				
96	10-1-1887	29.50			1085	
96	10-1-1887	1.00			1475	
24	6-1-1865	.80			50	
	6-1-1865	.50			40	
96	10-1-1887	1.20*			25	
89	11-9-1883	.70*			60	
	6-1-1865	.10			35	
88	6-1-1883	1.70			5	
					85	53.40

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Intervenors		Amount Decreased
			No.	Date		Stewart Decree	Bryan Decree	
Upper Center Point			23	6-1-1865				
			24	6-1-1865	3.20			
			25	6-1-1865	2.40			
			26	6-1-1865	3.94			
			27	6-1-1865	1.60			
		71*	24	6-1-1865	1.58			
	85*			6-1-1865	.80*			
	148			6-1-1865	.50*			
	159*		96	10-1-1837	1.50			
				6-1-1865	.10*			
Lower Center Point			19	6-1-1865	2.88			
			20	6-1-1865	6.40			144
			21	6-1-1865	2.90			320
			22	6-1-1865	3.20			145
			38	6-1-1868	3.20			160
			43	6-1-1869	3.60			160
	50*		73	6-1-1879	4.00			180
	51*		19	6-1-1865	2.88*			200
	131		20	6-1-1865	6.40*			144*
			89	11-9-1883	.70			320*
								35
Bowman & Swisher	50		19	6-1-1865	2.88			
	51		20	6-1-1865	6.40			144
	127*		20	6-1-1865	.80*			320
								40
Mammon			41	6-1-1869	1.80			
			68	6-1-1878	4.20			90
			69	6-1-1878	3.36			210
			70	6-1-1878	8.80			168
	176*		70	6-1-1878	8.80*			440
								440*
Haas Ditch			39	6-1-1868	8.54			
	176		70	6-1-1878	8.80			427
								440
Island High Line			71-A	4-1-1879		3.00		
			137-A	4-1-1910		7.00		150
			139	4-1-1915		10.00		350
								500

*Subtract

ST AND BRYAN DECREES GROUPED UNDER CANAL READINGS

n No.	Transfer	Priority		Stewart Decree	Intervenors		Inches	Total Sec. Ft.
		No.	Date		Stewart Decree	Bryan Decree		
		23	6-1-1865	3.20			160	
		24	6-1-1865	2.40			120	
		25	6-1-1865	3.94			197	
		26	6-1-1865	1.60			80	
	71*	27	6-1-1865	1.58			79	
		24	6-1-1865	.80*			40*	
			6-1-1865	.50*			25*	
		96	10-1-1887	1.50			75	
			6-1-1865	.10*			5*	12.82
		19	6-1-1865	2.88			144	
		20	6-1-1865	6.40			320	
		21	6-1-1865	2.90			145	
		22	6-1-1865	3.20			160	
		38	6-1-1868	3.20			160	
		43	6-1-1869	3.60			180	
		73	6-1-1879	4.00			200	
		19	6-1-1865	2.88*			144*	
		20	6-1-1865	6.40*			320*	
		89	11-9-1883	.70			35	17.60
		19	6-1-1865	2.88			144	
		20	6-1-1865	6.40			320	
		20	6-1-1865	.80*			40	8.48
		41	6-1-1869	1.80			90	
		68	6-1-1878	4.20			210	
		69	6-1-1878	3.36			168	
		70	6-1-1878	8.80			440	
		70	6-1-1878	8.80*			440*	9.36
		39	6-1-1868	8.54			427	
		70	6-1-1878	8.80			440	17.34
		71-A	4-1-1879		3.00		150	
		137-A	4-1-1910		7.00		350	
		139	4-1-1915		10.00		500	20.00

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Amount Decreed			Inc
			No.	Date		Intervenors Stewart Decree	Bryan Decree		
Larsen-Baxter-Lemp			75-A 20	1880 6-1-1865	.80	3.20			1
Boone Ditch			28 47 59	6-1-1865 6-1-1869 6-1-1874	7.00 3.50 2.20				35 17 110
Andrews Ditch			4 29 44 51 104 121	6-1-1864 6-1-1865 6-1-1869 6-1-1870 6-1-1888 6-1-1891	3.30 6.00 8.50 1.30 .90 3.50				165 300 425 65 45 175
Parma Ditch			71 74 125 77-A 77-B 77-C 77-D	6-1-1878 6-1-1880 6-1-1894 6-1-1881 6-1-1881 6-1-1881 6-1-1881	4.40 1.76 1.76 	1.60 .34 .80 1.30			220 88 88 80 17 40 65
O'Donnell Ditch			114-A 114-B	5-1-1889 5-1-1889		1.60 .80			80 40

*Subtract

Chart No. 25-1

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

e in f D.	Transfer	Priority		Stewart Decree	Intervenors		Amount Decreed		Total Sec. Ft.
		No.	Date		Stewart Decree	Bryan Decree	Inches		
		75-A 20	1880 6-1-1865	.80	3.20			160 40	4.00
		28	6-1-1865	7.00				350	
		47	6-1-1869	3.50				175	
		59	6-1-1874	2.20				110	12.70
		4	6-1-1864	3.30				165	
		29	6-1-1865	6.00				300	
		44	6-1-1869	8.50				425	
		51	6-1-1870	1.30				65	
		104	6-1-1888	.90				45	
		121	6-1-1891	3.50				175	23.50
		71	6-1-1878	4.40				220	
		74	6-1-1880	1.76				88	
		125	6-1-1894	1.76				88	
		77-A	6-1-1881		1.60			80	
		77-B	6-1-1881		.34			17	
		77-C	6-1-1881		.80			40	
		77-D	6-1-1881		1.30			65	11.96
		114-A	5-1-1889		1.60			80	
		114-B	5-1-1889		.80			40	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</u>
1	Thomas Davis						
2	Jacobs Canal Co.*	1	2.20	1.65	1.32		
3	Middleton Mill Ditch Co.	1	20.00	20.00	20.00		1152.5
4	Thomas Andrews	1	12.80	9.60	7.68		
5	Catlin & Mace	3	3.30	2.47	1.98		1154.5
6	T. C. Catlin	1	2.86	2.15	1.71		1154.9
7	C. C. Havird	1	3.30	2.47	1.98		1155.4
8	Pioneer Dixie Ditch Co.	1	3.30	2.47	1.98		1155.93
8A	Adolph Bahler	2	20.00	15.00	12.00		
8B	First Nat'l. Bank of Pueblo	1	.80	.60	.48		1156.05
9	Siebenberg	1	1.80	1.35	1.08		1156.32
10	Allen V. Webster	2	13.42	10.07	8.05		
11	J. F. Yaryan	1	1.20	.90	.72		1156.50
12	Graham & Gilbert	1	.66	.49	.40		1156.60
13	Eureka Water Co.	1	4.40	3.30	2.64		1157.26
14	New Union Ditch Co.	1	33.32	24.99	19.99		1162.26
15	Boise Valley Irrigation Co.	1	13.76	10.32	8.26		1164.32
16	Ridenbaugh & Rossi	1	54.58	40.94	32.75		1172.51
17	Ridenbaugh & Rossi (Power)	1	9.20	6.90	5.52		1173.89
18	Denver & Idaho Land Co.	1					
19	Martha Bowman	1	.80	.60	.48		1174.01
20	Bird Bowman	2	2.88	2.16	1.73		
21	G. W. Gess	2	6.40	4.80	3.84		
22	Robert McGuire	2	2.90	2.18	1.74		
23	C. W. Cooper	2	3.20	2.40	1.92		
24	J. W. Rowland	2	3.20	2.40	1.92		
25	J. W. Rowland	2	2.40	1.80	1.44		
26	Draper & Wells	2	2.40	1.80	1.44		
27	Thomas J. Palmer	2	3.94	2.96	2.36		
28	Noah W. Palmer	2	1.60	1.20	.96		
29	J. N. Tucker	2	1.58	1.19	.95		
29A	Thomas Andrews	3	7.00	5.25	4.20		
29B	Thomas Andrews	3	6.00	4.50	3.60		
29C	Louise Siomonson	1	6.00	4.50	3.60		1174.91
30	S. G. Hardies & Amelia Easley	1	.50	.38	.30		1174.99
31	J. Perrault & R. Johnson*	1	50.00	50.00	50.00		
31A	William P. Kennedy	1	2.60	1.95	1.56		1175.38
31B	Wm. Musser	1	2.30	1.73	1.38		1175.73
31C	Minnie & Jerry Couzens	1	.60	.45	.36		1175.82
32	Albert C. Bowerman	1	1.10	.83	.66		1175.99
33	Manville & Leonard	1	3.50	2.63	2.10		1176.51
34	Boise City Canal Co.	1	38.06	28.55	22.83	22.83	1182.22
35	Franklin Ditch Co.	1	15.40	11.55	9.24	32.07	1184.53
36	Canyon County Water Co.	1	75.80	56.85	45.48	77.55	1195.90
36A	Ralph T. Knight	1	1.76	1.32	1.06	78.61	1196.16
36B	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%.

TABLE 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%
* Ditch Co.	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
Ditch Co.	1 3.30	2.47	1.98		1155.43	1469.92
	2 20.00	15.00	12.00		1155.93	1470.75
Bank of Pueblo	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
er	1 1.20	.90	.72			1479.76
	1 .66	.49	.40		1156.50	1480.06
rt	1 4.40	3.30	2.64		1156.60	1480.23
o.	1 33.32	24.99	19.99		1157.26	1481.33
n Co.	1 13.76	10.32	8.26		1162.26	1489.66
rrigation Co.	1 54.58	40.94	32.75		1164.32	1493.10
ossi	1 9.20	6.90	5.52		1172.51	1506.75
ossi (Power)	1				1173.89	1509.05
Land Co.	1 .80	.60	.48			
	2 2.88	2.16	1.73		1174.01	1509.25
	2 6.40	4.80	3.84			1509.97
	2 2.90	2.18	1.74			1511.57
	2 3.20	2.40	1.92			1512.30
	2 3.20	2.40	1.92			1513.10
	2 2.40	1.80	1.44			1513.90
	2 3.94	2.96	2.36			1514.50
er	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			
on	1 6.00	4.50	3.60			
& Amelia Eisley	1 .50	.38	.30		1174.91	1517.77
R. Johnson*	1 50.00	50.00	50.00		1174.99	1517.90
neddy	1 2.60	1.95	1.56			
	1 2.30	1.73	1.38		1175.38	1518.55
Couzens	1 .60	.45	.36		1175.73	1519.13
rman	1 1.10	.83	.66		1175.82	1519.28
hard	1 3.50	2.63	2.10		1175.99	1519.56
el Co.	1 38.06	28.55	22.83	22.83	1176.51	1520.44
Co.	1 15.40	11.55	9.24	32.07	1182.22	1529.96
Water Co.	1 75.80	56.85	45.48	77.55	1184.53	1533.81
t	1 1.76	1.32	1.06	78.61	1195.90	1552.76
rthy	1 14.10	10.58	8.46	87.07	1196.16	1553.20
					1198.28	1556.73

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

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

<u>No.</u>	<u>Name</u>	<u>River Section</u>	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 70%</u>
37	H. D. & Dora Goodman	1	3.70	2.78	2.22		
38	T. T. Johnson	2	3.20	2.40	1.92		1198.84
39	Ross, Allen, Dilley & Ross	3	8.54	6.41	5.12		
40	S. S. Gray	1	1.40	1.05	.84	90.13	1199.05
41	John Mammon	3	1.80	1.35	1.08		
42	Isaac Bedal	1	1.60	1.20	.96	91.09	1199.29
43	Frederich Ode	2	3.60	2.70	2.16		
44	Prior Burnett	3	8.50	6.38	5.10		
45	Pioneer Dixie Ditch Co.	2	35.44	26.58	21.26		
46	Mason Creek Ditch Co.	1	37.20	27.90	22.32	113.41	1204.87
47	T. W. Boone	3	3.50	2.63	2.10		
47A	Adolph Bahler	1	.80	.60	.48	113.89	1204.99
48	W. J. Hamming	1	2.60	1.95	1.56	115.45	1205.38
49	Pioneer Canal	1	25.72	19.29	15.43	130.88	1209.24
50	Barber Lumber Co.	1	2.24	1.68	1.34	132.22	1209.58
51	Thomas Andrews	3	1.30	.98	.78		
51A	S. G. Hardies & Amelia Easley	1	1.00	.75	.60	132.82	1209.73
52	Catlin & Mace	1	7.86	5.90	4.72	137.54	1210.91
53	Peter Meeves	1	1.80	1.35	1.08	138.62	1211.18
54	Middleton Mill Ditch Co.	1	33.70	25.28	20.22	158.84	1216.24
55	J. F. Yaryan	1	.70	.53	.42	159.26	1216.35
56	J. F. Yaryan	1	1.40	1.05	.84	160.10	1216.56
57	Mary C. Davis	1	4.40	3.30	2.64	162.74	1217.22
58	Edward N. Hart	1	3.30	2.47	1.98	164.72	1217.72
59	T. W. Boone	3	2.20	1.65	1.32		
60	Farmer's Coop. Ditch Co.	2	10.00	7.50	6.00		
61	Edward & Mary Clark	1	2.30	1.73	1.38	166.10	1218.07
62	John Cecil	1	.44	.33	.26	166.36	1218.14
63	Thomas Aiken	1	5.20	3.90	3.12	169.48	1218.92
64	W. H. Conway	1	.90	.68	.54	170.02	1219.06
65	Middleton Water Co.	1	114.08	85.56	68.45	238.47	1236.17
66	Perrault & Johnson (Power)	1					
66A	J. S. Kraus	1	.80	.60	.48	238.95	1236.29
66B	H. E. Plain	1	.80	.60	.48	239.43	1236.41
66C	J. W. Kolander	1	1.40	1.05	.84	240.27	1236.62
66D	M. T. Griffith	1	.80	.60	.48	240.75	1236.74
67	Nampa-Meridian Irrig. Dist.	1	170.00	127.50	102.00	342.75	1262.24
68	John Mammon	3	4.20	3.15	2.52		
69	Julia Mammon	3	3.36	2.52	2.02		
70	Charles Allen	3	8.80	6.60	5.28		
71	R. H. Stockton	3	4.40	3.30	2.64		
71A	Island Highline Ditch Co.	3	3.00	2.25	1.80		
72	New Dry Creek Ditch Co.	1	31.32	23.49	18.79	361.54	1266.94
73	D. Mumford	2	4.00	3.00	2.40		

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

<u>River</u> <u>Section</u>	<u>100% of</u> <u>Decree</u>	<u>75% of</u> <u>Decree</u>	<u>60% of</u> <u>Decree</u>	<u>Flow Necessary</u> <u>To Fill to 60%</u>	<u>Flow Necessary</u> <u>To Fill to 75%</u>	<u>Flow Necessary</u> <u>To Fill to 100%</u>
1	3.70	2.78	2.22		1198.84	1557.66
2	3.20	2.40	1.92			1558.46
s 3	8.54	6.41	5.12			
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			
isley 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
er) 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
ist. 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			
o. 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	Goble & Songer	1	.54	.41	.32		
74	Smith Stockton	3	1.76	1.32	1.06	361.86	1267.02
75	Isham Joplin	1	2.40	1.80	1.44		
75A	C. B. Frank	1	.816	.61	.49	363.30	1267.38
75A	Albert Lemp et al	3	3.20	2.40	1.92	363.79	1267.50
76	Joseph Goble	1	.90	.68	.54		
77	Franklin Ditch Co.	1	27.60	20.75	16.56	364.33	1267.64
77A	Gus A. Barth	3	1.60	1.20	.96	380.89	1271.78
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		

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

<u>River</u> <u>Section</u>	<u>100% of</u> <u>Decree</u>	<u>75% of</u> <u>Decree</u>	<u>60% of</u> <u>Decree</u>	<u>Flow Necessary</u> <u>To Fill to 60%</u>	<u>Flow Necessary</u> <u>To Fill to 75%</u>	<u>Flow Necessary</u> <u>To Fill to 100%</u>
1	.54	.41	.32	361.86	1267.02	1685.33
3	1.76	1.32	1.06			
1	2.40	1.80	1.44	363.30	1267.38	1685.93
1	.816	.61	.49	363.79	1267.50	1686.13
3	3.20	2.40	1.92			
1	.90	.68	.54	364.33	1267.64	1686.36
1	27.60	20.75	16.56	380.89	1271.78	1693.26
3	1.60	1.20	.96			
3	.34	.26	.20			
3	.80	.60	.48			
3	1.30	.98	.78			
2	3.674	2.76	2.20			1694.18
1	.90	.68	.54	381.43	1271.92	1694.41
1	.60	.45	.36	381.79	1272.01	1694.56
1	1.60	1.20	.96	382.75	1272.25	1694.96
1	3.40	2.55	2.04	384.79	1272.76	1695.81
1	.44	.33	.26	385.05	1272.83	1695.92
1	.44	.33	.26	385.31	1272.90	1696.03
1	2.86	2.15	1.72	387.03	1273.33	1696.75
1	2.20	1.65	1.32	388.35	1273.66	1697.30
1	1.60	1.20	.96	389.31	1273.90	1697.70
1	1.00	.75	.60	389.91	1274.05	1697.95
1	.203	.15	.12	390.03	1274.08	1698.00
1	.7506	.56	.45	390.48	1274.19	1698.19
1	.35	.26	.21	390.69	1274.24	1698.28
2	20.00	15.00	12.00			1703.28
1	.90	.68	.54	391.23	1274.40	1703.51
2	12.00	9.00	7.20			1706.51
2	21.70	16.28	13.02			1711.94
1	53.10	39.83	31.86	423.09	1282.35	1725.22
2	20.00	15.00	12.00			1730.22
1	99.06	74.30	59.44	482.53	1297.21	1754.99
1	15.22	11.42	9.13	491.66	1299.49	1758.80
1	13.40	10.05	8.04	499.70	1301.50	1761.15
2	4.00	3.00	2.40			1763.15
2	47.80	35.85	28.68			1775.10
1	7.86	5.90	4.72	504.42	1302.68	1777.07
1	4.00	3.00	2.40	506.82	1303.28	1778.07
1	1.30	.98	.78	507.60	1303.48	1778.40
1	1.40	1.05	.84	508.44	1303.69	1778.75
1	1.46	1.10	.88	509.32	1303.91	1779.12
1	1.20	.90	.72	510.04	1304.09	1779.42
1	1.40	1.05	.84	510.88	1304.30	1779.77
3	.90	.68	.54			

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

No.	Name	River Section	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow To
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 Easley	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)

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

	<u>River</u> <u>Section</u>	<u>100% of</u> <u>Decree</u>	<u>75% of</u> <u>Decree</u>	<u>60% of</u> <u>Decree</u>	<u>Flow Necessary</u> <u>To Fill to 60%</u>	<u>Flow Necessary</u> <u>To Fill to 75%</u>	<u>Flow Necessary</u> <u>To Fill to 100%</u>
ch	2	50.00	37.50	30.00			1797.27
r. Dist.	1	370.84	278.13	222.50	733.38	1359.93	1884.98
	1	.06	.05	.04	733.42	1359.93	1885.00
	1	.02	.015	.01	733.43	1359.93	1885.00
B. Taylor	1	2.40	1.80	1.44	734.87	1360.29	1885.60
al Irr. Co.	1	6.00	4.50	3.60	738.47	1361.19	1887.10
Gallagher	1	2.94	2.21	1.76	740.23	1361.63	1887.84
	1	.05	.04	.03	740.26	1361.63	1887.85
	1	.10	.08	.06	740.32	1361.64	1887.88
ld	1	.03	.02	.02	740.34	1361.64	1887.88
Donnell	3	1.60	1.20	.96			
	3	.80	.60	.48			
	1	.06	.05	.04	740.38	1361.64	1887.90
	1	1.20	.90	.72	741.10	1361.82	1888.20
Amelia Easley	1	.84	.63	.50	741.60	1361.95	1888.41
	2	.72	.54	.43			1888.59
	2	.10	.08	.06			1888.62
	2	.40	.30	.24			1888.72
st.	1	200.00	150.00	120.00	861.60	1391.97	1938.72
	1	2.20	1.65	1.32	862.92	1392.28	1939.27
	1	.54	.41	.32	863.24	1392.36	1939.41
Ditch	1	17.00	12.75	10.20	873.44	1394.91	1943.66
	3	3.50	2.63	2.10			
Co.	1	73.44	55.08	44.06	917.50	1405.93	1962.02
	1	.80	.60	.48	917.98	1406.05	1962.22
Dist.	2	80.00	60.00	48.00			1982.22
	1	1.00	.75	.60	918.58	1406.20	1982.47
	3	1.76	1.32	1.06			
Ditch	1	110.00	82.50	66.00	984.58	1422.70	2009.97
James Keogh	1	1.00	.75	.60	985.18	1422.85	2010.22
	1	.66	.50	.40	985.58	1422.95	2010.39
Ditch	2	83.50	62.63	50.10			2031.27
Dist.	2	20.00	15.00	12.00			2036.27
Co.	1	219.10	164.33	131.46	1117.04	1455.82	2091.05
	2	10.00	7.50	6.00			2093.55
g. Dist.	2	70.00	52.50	42.00			2111.05
	2	5.54	4.16	3.32			2112.44
ist.	1	56.34	42.26	33.80	1150.84	1464.27	2126.53
	1	.356	.27	.21	1151.05	1464.32	2126.62
ng	1	1.60	1.20	.96	1152.01	1464.56	2127.02
e Ditch Co.	3	7.00	5.25	4.20			
	1	.40	.30	.24	1152.25	1464.62	2127.12
e Ditch Co.	3	10.00	7.50	6.00			

(report for further explanations)

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

<u>Priority Date</u>	<u>Name</u>	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 75%</u>	<u>Flow To</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					131
4-1-14	Riverside Irrigation Dist.	17.70					131

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

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

	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 75%</u>	<u>Flow Necessary To Fill to 100%</u>
ion Dist.)	54.46	40.85	32.68	2159.80	3922.75	4375.08
. Dist.)	58.86	44.15	35.32	2195.12	3931.58	4389.80
America	1354.58	1015.94	812.75	3007.87	4134.77	4728.45
on Dist.	306.56	229.92	183.94	3191.81	4180.75	4805.09
ive Ditch Co.	154.45	115.84	92.67	3284.48	4203.92	4843.70
ual Ditch Co.	5.40	4.05	3.24	3287.72	4204.73	4845.05
ion Dist.	54.50	40.88	32.70	3320.42	4212.91	4858.68
f America	926.50	694.88	555.90	3876.32	4351.89	5090.31
ation Dist.	63.78	47.84	38.27	3914.59	4361.46	5106.26
f America (storage)	8000.00					13106.26
ation Dist.	17.70					13123.96

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



