

WATER DISTRIBUTION OF BOISE RIVER
DISTRICT NO. 12-A
1949

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER

AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1949

(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 1949 inclusive.
3. Table showing mean daily flow of Boise River for a 41-year period.
4. Table showing monthly and annual flow of Boise River in acre-feet, for the irrigation years from 1894-95 to 1948-49 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 1949.
6. Summary table in acre-feet showing monthly and total canal diversions for the irrigation season of 1949.
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 1949.
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 1949.
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 1949.
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 1949.
12. Table showing acreage under all canals in the Boise Valley.
13. Table for Boise Valley canals showing acre-feet diverted, acres irrigated, and acre-feet per acre diverted, for the season of 1949.
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)

15. Summary table showing diversions from Boise River in acre-feet, acre-feet per acre, and the rate in miner's inches per acre, for 18 Boise Valley canals for each month of the irrigation season for the years 1916 to 1944 inclusive; also the percent diverted during each month.
16. Chart showing average headgate duty of water for 18 Boise Valley canals.
17. Table showing total discharge of drainage canals in Drainage District No. 2 for the irrigation season of 1949.
18. Two tables showing total discharge of all drainage canals in Drainage Districts Nos. 3 and 4 for the irrigation season of 1949.
19. Summary table of return flow to Boise River between the Government Diversion Dam and Notus beginning 1914.
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, Intervenors' 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.

RESIGNATION OF WM. E. WELSH

On March 10, 1949 Mr. Welsh announced that he had been appointed Secretary-Treasurer of the National Reclamation Association and that he would be leaving about the first of May.

A special meeting of the waterusers of the Boise Valley was called for April 6, 1949, at which time Edwin B. Karn was elected watermaster to succeed Mr. Welsh.

Wm. E. Welsh, or Bill, as he was known all over the Boise Valley, began his duties as watermaster on March 1, 1925. During his 24 years of service he did much to better conditions all along the river. He favored and worked for the building of Anderson Dam and was one of the principle advocates of the Lucky Peak flood control dam. It was largely through his efforts that Lucky Peak was approved and construction begun. He worked in close cooperation with the Corps of Army Engineers and was the instigator of much of the flood control work along the river.

It was with regret that his resignation was accepted on April 30, 1949, and the best wishes of all the waterusers of the Boise Valley go with him in his new work.

ORGANIZATION

The Boise River Organization for 1949 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:

I. A. Weaver, Chairman
O. L. Greer, Secretary
Ernest Anderson
J. C. Bell
O. W. Bunton
T. M. DeCoursey
John Demond
W. T. Evans
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, South Fork near Smith's Prairie, Middle Fork at Twin Springs and More's Creek at Call Bridge.

The splendid assistance and cooperation rendered by the State Reclamation Engineer and the personnel of that office has been most helpful at all times, and appreciation is hereby 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 1949 was 1,839,206 acre-feet. There was practically no precipitation in March and April. Irrigation started early in April and continued without let-up through the entire season. The highest flow was 12,729 second feet on May 16 and the lowest flow was 433 second feet on September 8. River regulation was begun on June 18 and continued for the balance of the season. The demand for water was heavy until late in September.

Charts 2 to 2-K inclusive show the daily natural flow of the Boise River from 1895 to 1940 inclusive. Charts 2-L to 2-O inclusive show the daily natural flow of the Boise River from 1941 to 1949 inclusive.

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

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

CANAL REGULATIONS

It was necessary to begin canal regulations June 18.

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 1949.

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 1949.

RIVER FLUCTUATION

Fluctuations of river flow were a disturbing factor again in 1949. 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 280 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 550 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 13 is a table showing the total amount diverted, the acres irrigated and the acre-feet per acre diverted from the river by the various canals of the Boise Valley. The amount shown under the column "Acre Feet Per Acre" cannot be construed as a duty of water for the lands of the Boise Valley, due to the large and varying quantities of return flow water picked up by many of these canals.

Chart 14 is a 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.

Chart 15 is a summary table showing diversions from Boise River in acre-feet, acre-feet per acre, and the rate in miner's inches per acre, for 18 Boise Valley canals for each month of the irrigation season for the years 1916 to 1944 inclusive; also the percent diverted each month.

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

DRAINAGE

Chart 17 shows the total drainage discharge for Drainage District No. 2 for the season of 1949 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 District 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.

INTERVENORS

Chart No. 21 is a table showing the decrees obtained by intervenors in the case of Farmers Cooperative Ditch Company, Plaintiff, vs. River-side Irrigation District, Ltd., et al, Defendants.

CHANGES IN POINT OF DIVERSION

Chart No. 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 Nos. 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 No. 24 is a condensed table of the Stewart Decree. A small circle at the left of the date of priority shows that the right is supplied by "return flow".

Charts Nos. 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 Nos. 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. Some changes should be made in Charts Nos. 25 and 26. They will be corrected and up-to-date in next year's report.

BRYAN DECREE

Chart No. 26-D is a table showing decreed rights contained in the Bryan Decree and the natural flow necessary at the Diversion Dam to fill the same.

WATERSHED

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, so far as irrigation is concerned, is almost completed. The outlet gates will be installed early in 1950. A sufficient quantity of water will be stored this spring so there will be ample supply for all of the canal companies who own Arrowrock and Anderson storage.

FLOOD CONTROL

Appropriations have been made for the construction of Lucky Peak Dam. The contract for the diversion tunnel has been let and actual construction has started. Bids for construction of the dam will be opened April 25, 1950. A complete study of the Boise River, which probably will result in some channelization, is included in the Corps of Engineers-Bureau of Reclamation plan for the development of the Columbia Basin, which is now up for consideration by the Congress of the United States. If this plan is approved, some of the erosion problems along the Boise River can be corrected, thereby saving much valuable land which is now being washed away each year.

COST REPORT - 1949

Watermaster Salary	\$4,000.60
Assistant Watermaster Salary	1,066.29
Car Mileage	842.84
Miscellaneous	743.96
Telephone	42.21
Gage Readings	15.00
Stenographic Services	305.85
Insurance	88.63
Withholding Tax	<u>282.05</u>
Sub-Total	\$7,387.43

SERVICES RENDERED BY THE U. S.
BUREAU OF RECLAMATION AND 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 IRRIGATION SEASON OF 1949 . .	\$8,457.43

CONCLUSIONS

1. That the records and data as compiled in the Watermaster'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.

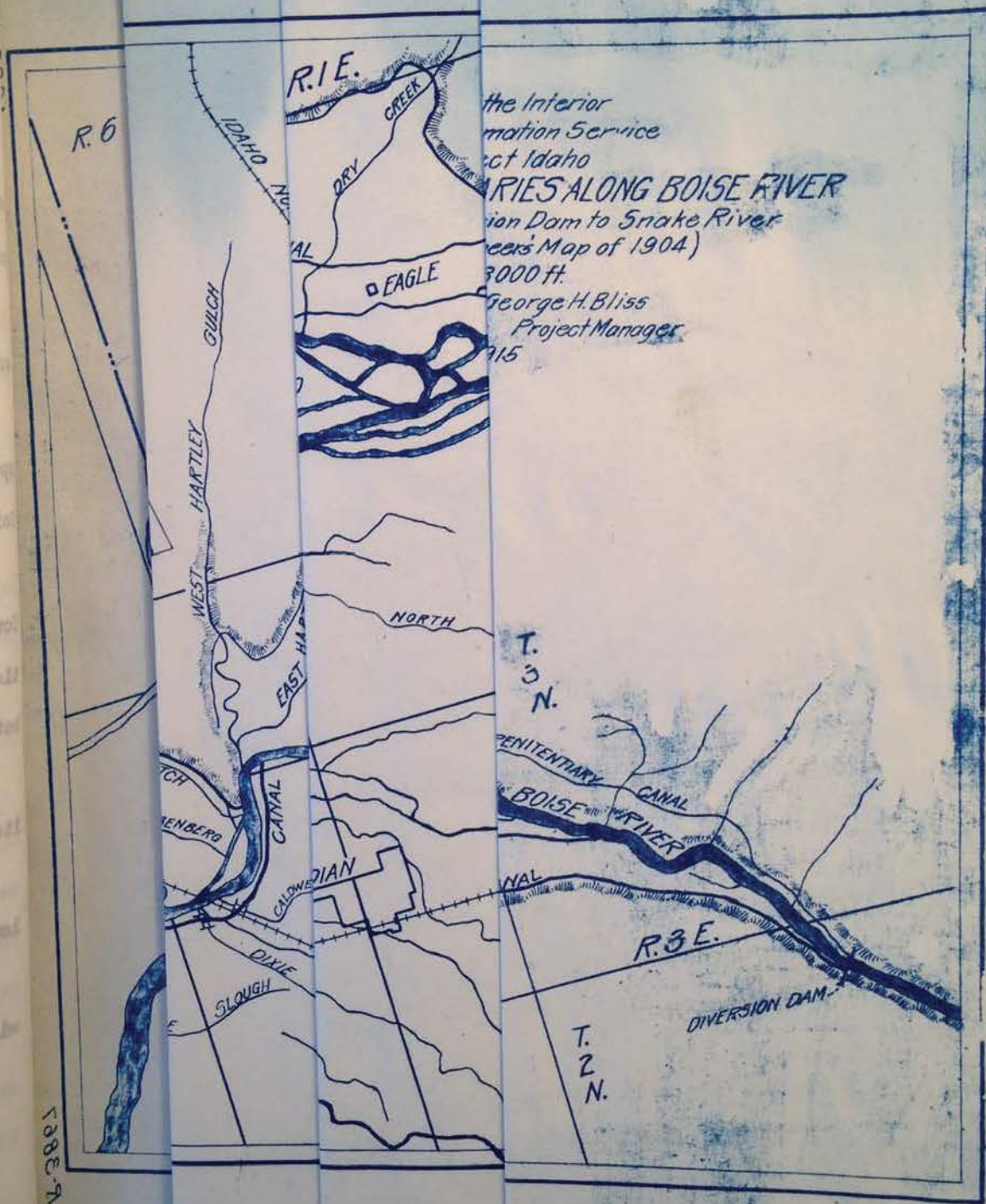
12. That the "Court Orders" under which the Boise River has been operated for approximately 30 years have proven very satisfactory to the Boise Valley as a whole.

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.



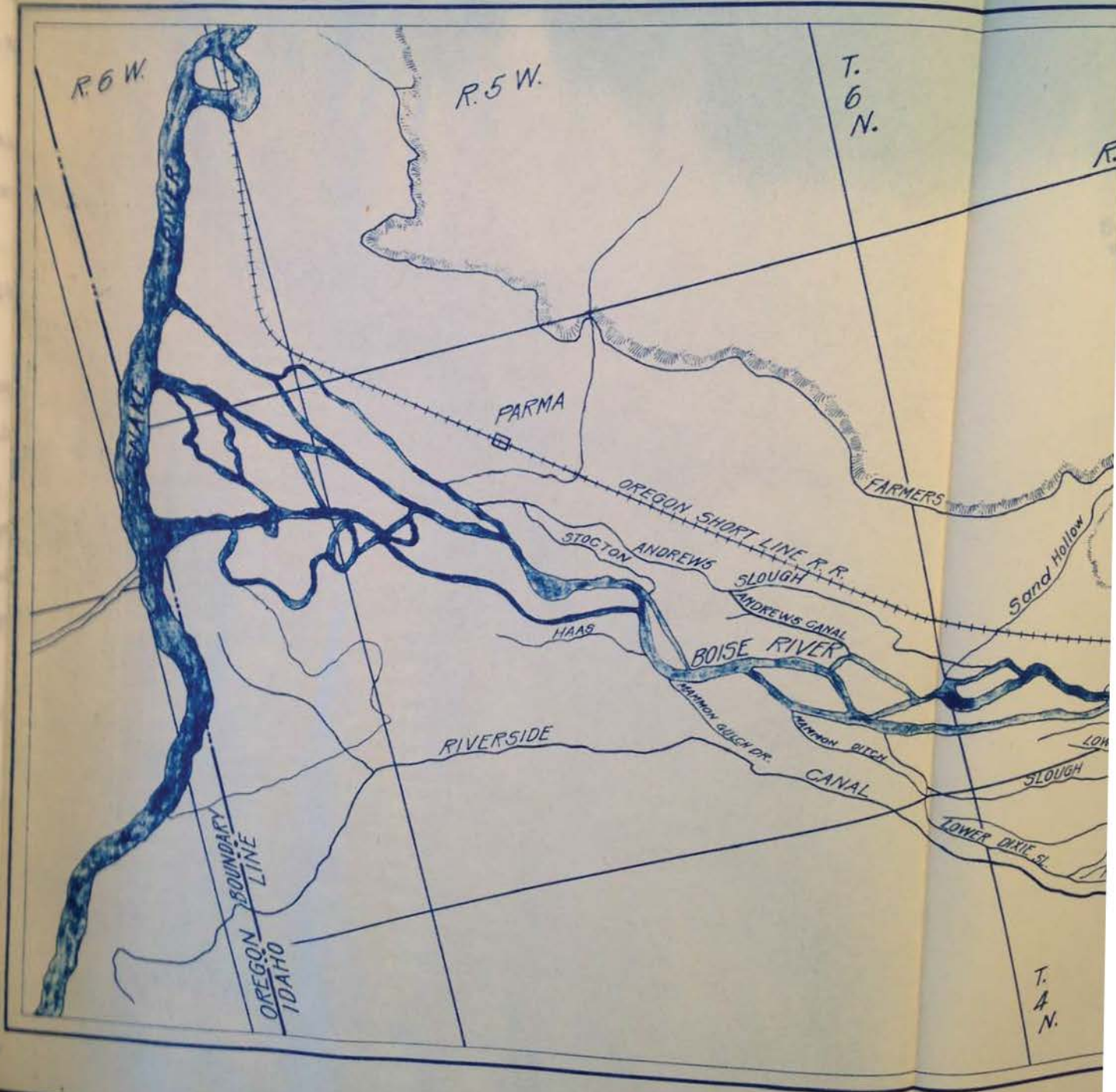
the Interior
Information Service
Idaho
RIES ALONG BOISE RIVER
ion Dam to Snake River
ears' Map of 1904)
3000 ft.
George H. Bliss
Project Manager
1915

R. 3 E.

R. 3 E.

R. 3 E.

R. 6



T.
6
N.

R. 4 W.

R. 3 W.



IDAHO NORTHERN RAILROAD

WEST HARTLEY GULCH

EAST HARTLEY GULCH

SIEBENBERG

CALDWELL DR.

DIXIE SLOUGH

DRAIN

CAL

INDIAN

RIVERSIDE

UPPER

PIONEER

DIXIE

PIPE GULCH

RIVERSIDE WASTE

LOWER DIXIE SL.

SLOUGH

LOWER CENTER POINT

EUREKA

UPPER CENTER POINT No 2

L.G.P.

NOTUS

COOPERATIVE

Sand Hollow

Creek

FARMERS

LINE R.R.

REWS CANAL

MANNON DITCH

CANAL

T.
4
N.

R.3 W.

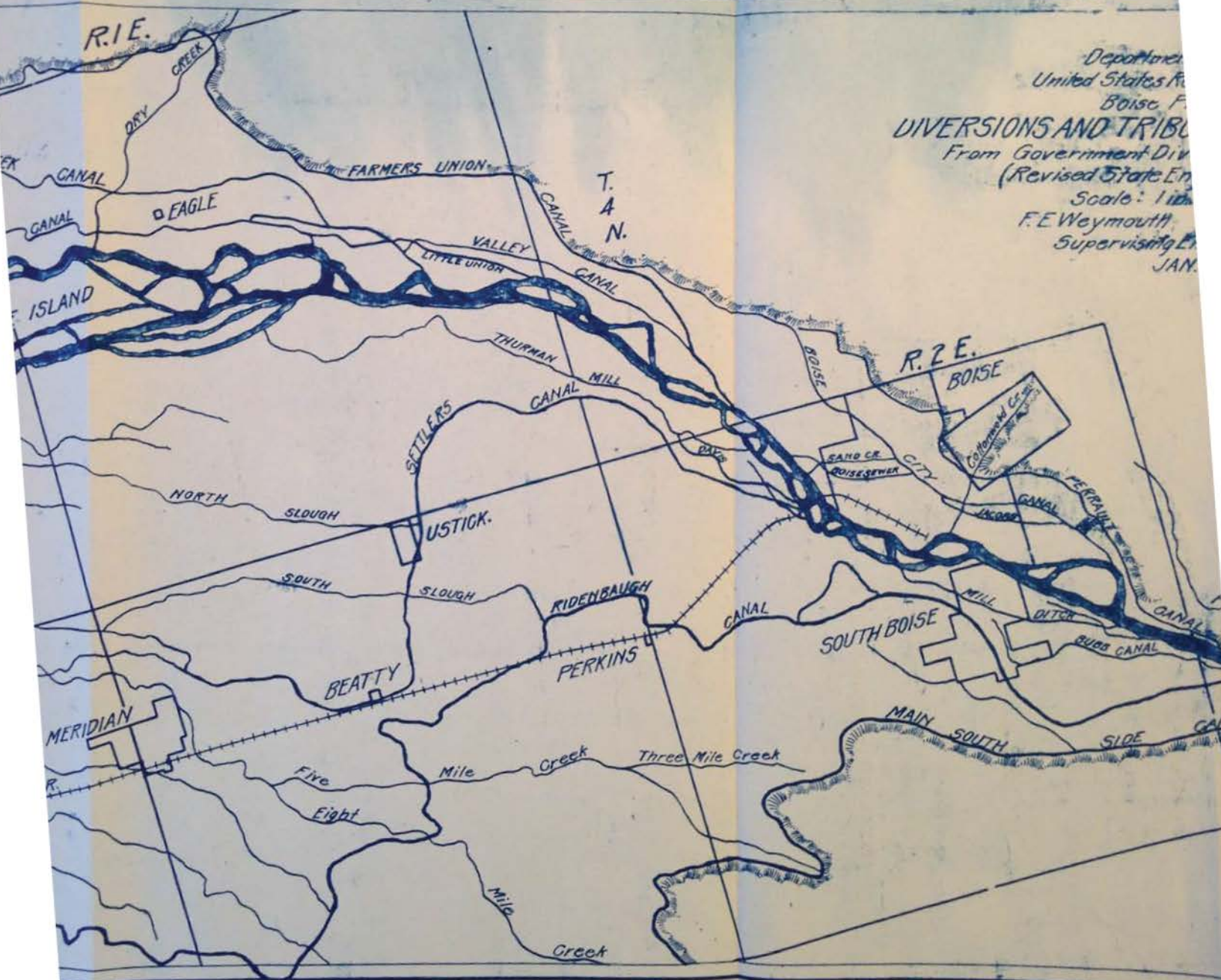
R.2 W.

T. 5 N.

R.1 W.







Department of
United States Reclamation
Boise, Idaho
DIVERSIONS AND TRIBUTARIES
From Government Diversion
(Revised State Engineer's Map)
Scale: 1 inch = 1 mile
F. E. Weymouth
Supervising Engineer
JAN. 1911

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



6384.3

6384.4

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			550			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	1000
1912	990	940	1020	1020	1020	1260	1230	1160	1230	1230	1250	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	575	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	1425	1419	1298
1929	739	690	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	625	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	244
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

9	10	11	12	13	14	15	16	17	18	19	20
1100	1240	1280	1330	1510	1650	1490	1450	1430	1370	1330	1280
950	950	950	1070	950	720	720	620	1010	1280	1350	1430
950	1010	890	830	720	620	620	620	570	570	570	720
	550			550				550			550
2780	2780	2780	2780	2780	2780	2980	2980	2980	2980	2980	2980
1360	1360	1570	1910	1910	2480	4120	3910	3520	2810	2330	2260
1350	1350	1270	1270	1270	1350	1430	1270	1270	1200	1200	1270
1120	1040	900	865	830	900	900	1000	1080	1120	1080	1040
945	945	1080	752	500	500	570	640	678	715	790	1020
750	810	880	880	810	810	810	810	810	1060	960	880
1140	1070	1040	1140	1070	1180	1240	1100	1100	1070	1070	1240
1310	1140	1060	1020	1020	1220	1490	3030	2610	3090	3990	5460
1140	1140	1070	1008	1000	1000	965	870	810	870	1140	1210
1230	1230	1230	1100	1100	1230	1380	1640	1660	1460	1420	1340
1080	950	824	824	950	1150	1150	1080	1080	1220	1150	1080
990	930	990	930	930	930	900	990	900	930	930	930
766	763	736	754	764	759	717	723	719	733	746	745
715	811	740	769	677	662	603	595	498	590	498	590
1826	1738	1428	1419	1445	1621	1583	1527	1450	1480	1517	1437
669	674	684	727	798	820	801	787	929	1109	1118	1073
797	698	674	657	651	692	747	880	1047	1096	1083	1014
1540	1545	1393	1217	1155	1048	1819	1935	1700	1477	2586	2347
1092	983	905	694	797	927	802	728	1028	1028	802	878
1390	1317	1210	1155	897	938	1020	919	934	991	987	933
945	1248	949	899	661	662	673	883	881	843	761	698
667	714	715	629	716	575	625	601	652	656	816	669
756	688	802	772	740	692	776	801	902	862	760	738
941	762	704	1179	1334	1066	1052	1085	1223	1051	1069	1075
991	1425	1419	1298	1745	1882	2109	1887	1228	1224	1205	1725
690	726	811	793	588	977	787	852	785	854	789	791
446	731	771	805	859	779	706	804	604	559	645	605
637	623	750	810	745	660	541	794	759	652	648	534
685	707	734	731	644	446	481	501	645	727	771	743
790	771	690	652	635	677	654	636	831	653	735	752
834	977	908	1020	817	930	1026	957	867	871	833	861
954	966	807	944	930	705	861	887	1228	492	739	717
766	835	797	993	1029	801	922	782	798	811	718	737
398	483	563	613	633	608	709	684	697	692	717	679
904	904	989	999	1074	914	1075	1325	1310	1220	1240	1225
481	822	794	691	791	791	790	786	786	804	931	835
872	1004	1128	849	749	740	673	670	697	857	784	660

FLOW OF BOISE RIVER - JANUARY

18	19	20	21	22	23	24	25	26	27	28	29	
370	1330	1280	1240	1220	1240	1210	1140	1040	1070	950	1100	11
280	1350	1430	1870	1870	1870	1350	1280	1510	1680	1770	1680	16
570	570	720	830	830	950	770	720	720	620	620	830	9
		550				550	550		550			5
2980	2980	2980	2980	2980	2780	2780	2780	2780	2060	1580	1340	12
2810	2330	2260	2180	2040	2040	2040	1680	1680	1680	1680	1680	16
1200	1200	1270	1310	1350	1310	1270	1240	1200	1200	1200	1130	11
1120	1080	1040	1000	970	900	830	830	830	830	760	695	8
715	790	1020	1950	1680	1380	2400	4100	2990	2400	2010	1680	15
1060	960	880	810	960	880	810	810	960	880	810	810	75
1070	1070	1240	1140	1070	930	1040	1180	1180	1100	1070	1040	110
3090	3990	5460	5780	5460	4060	3210	2850	2490	2270	2110	1960	186
870	1140	1210	810	700	700	650	1000	675	1000	1140	1210	1320
1460	1420	1340	1230	1230	1200	1300	1420	1550	1550	1380	1300	1230
1220	1150	1080	1150	1220	1220	1220	1220	1220	1370	1300	1150	1220
930	930	930	930	930	930	770	730	930	990	1050	1110	1050
733	746	745	918	1067	973	946	975	908	889	869	836	849
590	498	590	590	682	780	673	861	867	864	777	877	777
1480	1517	1437	1360	1207	1145	1201	1380	1603	1659	1506	1413	1355
1109	1118	1073	1011	1028	1116	1072	1015	928	868	851	779	758
1096	1083	1014	1012	934	901	889	976	1211	2381	2491	2430	1984
1477	2586	2347	2032	1360	1520	1338	1760	1820	1565	1578	1380	1757
1028	802	878	908	1078	999	978	1078	1203	1013	1043	943	958
991	987	933	859	865	777	1106	1021	1038	846	901	1041	554
843	761	698	675	670	683	797	743	857	814	996	983	876
656	816	669	719	737	768	775	947	879	815	960	782	1172
862	760	738	739	711	697	747	861	746	693	694	807	955
1051	1069	1075	776	611	701	768	819	895	989	1273	1123	1106
1224	1205	1725	2232	1734	1490	1601	1475	1592	1337	1077	1221	1221
854	789	791	730	695	765	766	629	629	876	820	821	745
559	645	605	587	683	589	615	666	677	814	810	820	795
652	648	534	592	650	897	845	913	695	675	826	706	749
727	771	743	620	578	526	480	387	486	568	676	683	836
653	735	752	747	721	735	808	684	613	721	873	617	663
871	833	861	887	1021	1159	2056	2184	1636	1477	1421	1301	1279
492	739	717	506	667	848	924	939	893	812	826	823	836
811	718	737	805	695	613	638	617	582	417	429	418	411
692	717	679	629	449	549	644	654	604	654	709	657	710
1220	1240	1225	1060	1250	1568	1445	1195	1020	1125	1165	1258	1358
604	931	835	839	823	493	481	818	813	743	1066	1058	818
857	784	660	857	630	699	738	695	842	896	895	711	808

Chart 2

RY

22	27	24	25	26	27	28	29	30	31	Total
220	1240	1210	1140	1040	1070	950	1100	1140	1280	
1870	1870	1350	1280	1510	1680	1770	1680	1680	1590	
830	950	770	720	720	620	620	830	950	1010	
		550	550		550			550	550	
2980	2780	2780	2780	2780	2060	1580	1340	1220	1220	
2040	2040	2040	1680	1680	1680	1680	1680	1680	1680	
1350	1310	1270	1240	1200	1200	1200	1130	1130	1200	
970	900	830	830	830	830	760	695	830	1120	
1680	1380	2400	4100	2990	2400	2010	1680	1570	1470	
960	880	810	810	960	880	810	810	750	750	
1070	930	1040	1180	1180	1100	1070	1040	1100	1965	
5460	4060	3210	2850	2490	2270	2110	1960	1860	1860	
700	700	650	1000	675	1000	1140	1210	1320	2140	
1230	1200	1300	1420	1550	1550	1380	1300	1230	1160	
1220	1220	1220	1220	1220	1370	1300	1150	1220	1220	
930	930	770	730	930	990	1050	1110	1050	1050	
1067	973	946	975	908	889	869	836	849	843	
682	780	673	861	867	864	777	877	777	690	
1207	1145	1201	1380	1603	1659	1506	1413	1355	1386	
1028	1116	1072	1015	928	868	851	779	758	688	
934	901	889	976	1211	2381	2491	2430	1984	1726	
1360	1520	1338	1760	1820	1565	1578	1380	1757	1331	
1078	999	978	1078	1203	1013	1043	943	958	873	
865	777	1106	1021	1038	846	901	1041	554	845	
670	683	797	743	857	814	996	983	876	876	
737	768	775	947	879	815	960	782	1172	1137	
711	697	747	861	746	693	694	807	955	892	
611	701	768	819	895	989	1273	1123	1106	1054	
1734	1490	1601	1475	1592	1337	1077	1221	1221	1216	45,004
695	765	766	629	629	876	820	621	745	707	22,757
683	589	615	666	677	814	810	820	795	811	22,387
650	897	845	913	695	675	826	706	749	750	22,407
578	526	480	387	486	568	676	683	636	642	19,306
721	735	808	684	613	721	873	617	663	757	21,963
1021	1159	2056	2184	1636	1477	1421	1301	1279	1206	39,840
667	848	924	939	893	812	826	923	836	837	26,128
695	613	638	617	582	417	429	418	411	413	22,306
449	549	644	654	604	654	709	657	710	611	18,784
1250	1568	1445	1195	1020	1125	1165	1258	1358	1295	33,746
823	493	481	818	813	743	1066	1058	848	823	26,118
630	699	738	695	842	896	895	711	808	843	28,929

Year	1	2	3	4	5	6	7	8	9	10	11	12
1895	1240	1240	1260	1180	1140	1190	1190	1180	1180	1210	1100	1010
1896	1590	1350	1350	1070	1070	950	950	1070	1070	1070	1010	1070
1897	1010	950	830	830	1010	1070	1010	1350	1350	1210	1140	1140
1898			550				550			1060		
1899	1220	1220	1100	1100	1220	1220	1100	1340	1580	1940	1580	1580
1900	1780	1790	1790	1790	1680	1520	1570	1570	1680	1570	1460	1460
1901	1240	1130	1200	1240	1130	1240	1160	1160	1100	1200	1200	1270
1902	1270	1350	1350	1440	1350	1350	1310	1800	2000	2000	1900	1800
1903	1680	1380	1280	1280	1280	1330	1200	1330	1280	1200	1110	945
1904												
1905												
1906	810	780	780	810	750	780	780	810	810	810	810	880
1907								3540	3540	3420	3060	2950
1908			1240	1240	1180	1100	1100	1070	1070	1040	1000	1000
1909	1860	1760	1760	1720	1490	1400	1490	1580	1500	1490	1440	1580
1910												
1911	2450	2340	1680	1600	1740	1640	1370	1300	1250	1325	1410	1325
1912	1100	990	990	1020	1230	1230	1170	1230	1230	1460	1550	1380
1913												
1914	1220	1220	1020	950	1150	824	1020	1220	1020	1080	1220	1080
1915	1330	1480	1480	1330	1180	1050	1050	1050	1050	1050	990	930
1916	835	854	868	834	863	887	1017	1106	1127	1148	1206	1182
1917	684	684	690	690	880	800	783	793	783	698	695	948
1918	1225	1287	1040	1127	1229	1457	1429	1437	1380	1370	1355	1488
1919	697	732	802	835	811	814	832	855	858	847	1062	1351
1920	1517	1498	1474	1428	1374	1345	1334	1259	1182	1063	1021	976
1921	1453	1262	1416	1230	1267	1178	1208	1199	1239	1270	1485	1215
1922	973	788	788	787	872	794	952	1152	1383	1197	1110	1014
1923	678	629	730	781	841	781	584	817	982	861	932	671
1924	838	983	1066	962	985	981	1008	2050	2445	1966	1336	1107
1925	1023	1213	2195	2895	5775	5859	5169	3846	2972	2088	1758	1638
1926	794	795	772	941	1067	1136	2100	1900	1620	1485	1497	1554
1927	1047	1164	1449	1824	1924	1999	1754	1564	1607	933	911	1060
1928	1236	1297	1434	1464	1326	1591	1612	1577	1291	1447	1549	1324
1929	762	1172	1146	932	1112	1097	867	614	614	705	737	508
1930	846	823	832	924	760	846	847	1094	1087	975	1055	971
1931	752	761	761	765	792	855	850	782	466	772	836	837
1932	646	600	801	529	492	498	659	655	688	810	653	569
1933	697	770	755	638	584	708	677	692	593	585	655	788
1934	1168	1227	1459	1327	1332	1338	1475	1560	1610	1733	1506	1465
1935	828	868	945	933	970	1076	1156	1257	1038	744	924	917
1936	524	657	606	689	787	661	686	598	557	557	708	728
1937	700	730	674	796	723	654	682	678	678	671	723	723
1938	1204	1133	1394	1233	1198	1169	1163	1168	1163	1159	1412	1505
1939	699	591	609	860	885	895	1003	785	775	764	793	1045
1940	820	744	953	982	1044	1009	1262	1205	1076	1061	1439	1273

FEBRUARY

	11	12	13	14	15	16	17	18	19	20	21	22
10	1100	1010	1100	1180	1070	1100	1180	1210	1180	1220	1210	1210
70	1010	1070	1070	1010	1070	1070	1010	1010	1070	1070	1070	1140
10	1140	1140	1070	1070	1070	1010	1010	950	950	890	830	890
60				1230			1750				1400	
40	1580	1580	1580	1340	1460	1460	1580	1580	1580	1580	1460	1460
70	1460	1460	1460	1460	1460	1460	1360	1460	1460	1460	1680	2480
00	1200	1270	1270	1240	1350	2430	2120	1870	2180	2180	2020	1820
00	1900	1800	1560	1350	1310	1270	1350	1440	1390	1350	1270	1270
00	1110	945	865	1020	790	945	1110	1020	1020	1020	1020	1110
910	810	880	920	960	1010	1160	1240	1280	1330	1310	1280	1310
20	3060	2950	2900	2840	2900	2900	2950	2900	2900	2840	2900	2840
040	1000	1000	930	950	965	1070	1040	1040	965	1000	965	1000
90	1440	1580	1960	1760	1760	2160	3400	2970	2610	2550	2580	2060
325	1410	1325	1370	1230	1170	1140	1060	1230	1230	1230	1140	1110
160	1550	1380	1340	1300	1260	1300	1460	1880	1780	1550	1460	1420
080	1220	1080	1080	1080	1080	950	1020	1220	1220	1300	1530	2190
050	990	930	930	820	730	820	930	1050	1110	1110	1050	1050
148	1206	1182	1106	1066	1057	1074	1109	1111	1159	1158	1164	1183
698	695	948	857	857	857	765	800	972	923	917	825	834
370	1356	1488	1493	1583	1534	1477	1432	1382	1486	1417	1449	1345
847	1062	1351	1556	1203	938	927	995	992	973	943	930	908
063	1021	976	1041	999	977	1017	1073	1130	1099	1102	1160	1176
1270	1485	1215	1680	1900	2044	2933	2414	1311	1236	1465	1500	2195
197	1110	1014	889	731	570	753	1023	1101	1280	1233	1115	865
861	932	671	759	772	873	928	761	934	831	936	1022	1041
1966	1336	1107	1507	1222	1178	1282	1356	1334	1266	1142	1164	1145
2088	1758	1638	1637	1778	1775	1608	1381	1443	1445	1558	1677	1938
1485	1497	1554	1252	1056	1033	1017	1000	1031	1004	1020	1020	1000
933	911	1060	1234	1243	1255	1150	1318	1204	1481	1789	3015	4104
1447	1549	1324	1166	1475	1166	924	1188	1192	1442	1452	1593	1426
705	737	508	750	794	823	866	845	996	1049	1078	1044	931
975	1058	971	969	881	1343	1488	1268	1405	1290	1163	1767	1455
772	836	837	688	630	862	890	887	974	925	908	1005	832
810	693	569	549	436	431	543	466	468	489	534	496	666
585	655	788	781	713	770	940	702	768	777	769	763	769
1733	1506	1465	1324	1322	1316	1384	1463	1445	1314	1192	1595	1550
744	924	917	918	928	883	753	781	922	734	1062	1119	1101
557	708	728	1003	835	1042	608	776	1012	716	896	843	1137
671	723	723	670	795	715	870	875	865	786	709	578	612
1139	1412	1505	1707	1486	1459	1443	1199	1189	1128	1201	1437	1108
764	793	1045	811	811	813	911	675	799	798	909	762	883
1061	1439	1273	987	910	1329	1058	947	1047	953	840	818	837

19	20	21	22	23	24	25	26	27	28	29	30
1180	1220	1210	1210	1290	1350	1390	1430	1450	1450		
1070 950	1070 890	1070 830 1400	1140 890	1140 890	1140 890	1210 830 1460	1210 770	1280 770	1770 830 1750	1870	
1580 1460	1580 1460	1460 1680	1460 2480	1340 2330	1220 2180	1220 2040	1340 2180	1460 2040	1460 2040		
2180 1390 1020	2180 1350 1020	2020 1270 1020	1820 1270 1110	1970 1270 1110	1870 2880 1110	2070 2460 1110	1970 2220 1020	4160 2110 1110	4380 1800 1110		
1330 2900 965 2610	1310 2840 1000 2550	1280 2900 965 2580	1310 2840 1000 2060	1280 2900 1040 2060	1200 3060 1140 2160	1160 3180 1180 2160	1160 3420 1210 2110	1110 4060 1240 2060	1300 4130 1320 2110	1360	
1230 1780	1230 1550	1140 1460	1110 1420	1170 1460	1140 1380	1170 1160	1170 1160	1140 1260	1060 1230	1080	
1220 1110	1300 1110	1530 1050	2190 1050	2300 1104	2140 995	1980 1070	1880 1076	1700 1036	1790 1112		
1159 923 1486 973 1099	1158 917 1417 943 1102	1164 825 1449 930 1160	1183 834 1345 908 1176	1223 937 1366 943 1147	1224 869 1431 939 1093	1222 1096 1429 916 1050	1212 1022 1418 901 971	1248 1156 1401 975 938	1228 1035 1401 1087 936	1160 927	
1236 1280 831 1266 1443	1465 1233 936 1142 1558	1500 1115 1022 1164 1677	2195 865 1041 1145 1938	2204 715 1067 1314 1820	2560 850 1290 1018 2302	2090 869 1263 1072 2132	1800 951 1280 1120 2024	1985 1019 1183 1290 1840	2260 716 1233 1121 1906	1165	
1004 1481 1442 1049 1290	1020 1789 1452 1078 1163	1020 3015 1593 1044 1767	1000 4104 1426 931 1455	992 3488 1407 754 1715	1063 2949 1407 1050 1487	1072 2719 1410 911 1282	1020 2850 1380 837 1275	1059 2576 1364 998 1175	1032 2702 1264 870 1171	1273	
925 489 777 1314 922	908 534 769 1192 1062	1005 496 763 1595 1119	832 666 769 1550 1101	856 672 800 1190 1043	706 614 767 1479 1039	805 644 746 1327 1036	788 670 744 1398 920	835 814 752 1407 1006	829 1052 765 1550 1037	1239	
716 865 1189 799 1047	896 709 1201 798 840	843 578 1437 762 818	1137 612 1108 883 837	1170 858 1207 891 949	1102 758 1207 968 1051	1087 797 1102 998 1048	947 801 1219 1094 1246	857 781 1366 897 2085	942 962 1424 841 4011	947 4878	

Chart 2A

22	23	24	25	26	27	28	29	30	31	Total
1210	1290	1350	1390	1430	1450	1450				
1140 890	1140 890	1140 890	1210 830 1460	1210 770	1280 770	1770 830 1750	1870			
1460 2480	1340 2330	1220 2180	1220 2040	1340 2180	1460 2040	1460 2040				
1820 1270 1110	1970 1270 1110	1870 2880 1110	2070 2460 1110	1970 2220 1020	4160 2110 1110	4380 1800 1110				
1310 2840 1000 2060	1280 2900 1040 2060	1200 3060 1140 2160	1160 3180 1180 2160	1160 3420 1210 2110	1110 4060 1240 2060	1300 4130 1320 2110	1360			
1110 1420	1170 1460	1140 1580	1170 1160	1170 1160	1140 1260	1060 1230	1080			
2190 1050	2300 1104	2140 995	1980 1070	1880 1076	1700 1036	1790 1112				
1183 834 1345 908 1176	1223 937 1366 943 1147	1224 869 1431 939 1093	1222 1096 1429 916 1050	1212 1022 1418 901 971	1248 1156 1401 975 938	1228 1035 1401 1087 936	1160 927			
2195 865 1041 1145 1938	2204 715 1067 1314 1820	2560 850 1290 1018 2302	2090 869 1263 1072 2152	1800 951 1280 1120 2024	1985 1019 1183 1290 1840	2260 716 1233 1121 1906	1165			
1000 4104 1426 931 1455	992 3488 1407 754 1715	1063 2949 1407 1050 1487	1072 2719 1410 911 1282	1020 2850 1380 837 1275	1059 2576 1364 998 1175	1032 2702 1264 870 1171	1273			39,677 24,860 32,194
832 666 769 1550 1101	856 672 900 1190 1043	706 614 767 1479 1039	805 644 746 1327 1036	788 670 744 1398 920	835 814 752 1407 1006	829 1052 765 1530 1037	1239			22,649 18,378 20,568 39,474 27,168
1137 612 1108 883 837	1170 858 1207 891 949	1102 758 1207 968 1051	1087 797 1102 998 1048	947 801 1219 1094 1246	857 781 1366 897 2085	942 962 1424 861 4011	947			23,678 20,864 35,783 23,585 37,862

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	1470	1530	1490	1410	1370	1320	1330	1350	1410	1510	1640	1616	1540
1896	1510	1350	1350	1280	1350	1070	1070	1210	1350	1210	1280	1280	1350
1897	890	890	1010	1070	1070	1010	1070	1140	1070	1010	1010	890	770
1898	1750	1920	1920	1920	2250	2430	2430	2260	2260	2430	2770	2600	2430
1899	1580	1580	1580	1580	1460	1460	1460	1460	1340	1340	1340	1400	1400
1900	1910	2040	2040	2180	2040	2330	2720	2980	3910	4230	4810	5990	5990
1901	3930	4600	4270	3930	3060	2880	3260	3260	2880	2720	2640	2430	2180
1902	1700	1610	1520	1480	1440	1440	1440	1440	1440	2410	1420	1390	1390
1903	1110	1150	1200	1200	1200	1110	1090	1020	1020	1110	1200	1200	1380
1904	3370	2760	2760	2560	2560	2560	3370	8180	11500	6760	5320	4890	4460
1905													
1906	1240	1110	1110	1110	1110	1060	1060	1240	1390	1470	1430	1390	1350
1907	3670	3060	3060	3000	2950	4550	4340	4480	4410	4200	4060	3930	3740
1908	1280	1210	1100	1040	1140	1100	1040	965	1000	1000	1070	1210	1360
1909	2160	2270	2440	2490	2670	2550	2610	2730	2790	2610	2550	2610	2610
1910	3360	5500	6700	6700	7170	6850	6550	6700	6700	6700	6850	7170	7490
1911	1060	1060	1110	1230	1230	1230	1370	1495	1450	1450	1495	1540	1540
1912	1160	1230	1160	1040	1040	1160	1260	1230	1200	1220	1230	1230	1230
1913	1050	1100	1150	1200	1200	1340	1340	1340	1580	1670	2140	2140	1840
1914	1880	1880	1880	1980	2080	2080	2080	2490	2670	2880	3220	3300	3520
1915	1062	992	998	1060	1019	1009	1000	936	962	955	1093	1195	1186
1916	1095	1021	961	910	1039	1050	976	998	1349	1968	2600	3064	3552
1917	1038	913	914	1606	1036	916	997	990	987	944	904	944	812
1918	1389	1362	1354	556	942	1242	1485	1361	1455	1537	1700	1645	1744
1919	1186	1278	1385	1290	1154	1178	1171	1163	1016	948	967	1069	1080
1920	911	1059	1097	1107	1206	1059	1128	1022	1086	1171	1260	1257	1293
1921	2420	2403	3000	3954	4963	5680	4793	4212	4605	4116	3755	4010	4085
1922	966	791	1156	1099	1176	1052	1001	1109	937	962	889	917	990
1923	1292	1448	1558	1347	1309	1423	1302	1309	1092	1083	962	1182	1242
1924	1117	952	1202	1267	1155	1101	1113	1150	1093	1008	1106	1179	1044
1925	1718	1562	1671	1765	1930	2758	3451	3358	2995	2556	2114	2019	1995
1926	1202	1300	1387	1487	1756	1725	1529	1619	1608	1688	1803	1666	1828
1927	2525	2255	2511	2289	3068	3019	3376	3240	3108	3073	2642	2793	2492
1928	1167	1286	1049	1415	1375	1375	1157	1674	1888	2664	3047	5304	4629
1929	771	936	822	950	1060	1055	1219	1245	1350	1272	2102	1527	1838
1930	1109	958	1114	947	1117	1456	1301	1119	1205	1051	1045	1117	1113
1931	678	658	830	917	858	866	863	725	836	964	906	1008	1288
1932	1428	1349	1203	1001	797	936	968	772	612	587	523	425	1519
1933	818	792	761	743	752	687	696	700	731	826	824	836	1117
1934	1277	1437	1573	1798	1355	1797	1802	1685	1658	1644	1619	1710	1357
1935	1131	1204	1176	1098	1140	1115	919	1044	1161	1096	847	1094	1118
1936	1060	1113	1325	1444	1573	1415	1504	1561	1549	1628	1656	1581	1767
1937	790	989	1096	962	1033	960	1019	1107	1192	1049	1089	1490	1505
1938	1642	2168	2514	2687	2426	2421	2152	2171	2235	2239	2239	2307	3039
1939	860	775	908	1023	1004	1017	906	878	986	869	1097	1130	1378
1940	4175	3300	2919	2488	2269	2210	1929	2065	2602	2525	2309	2061	1760

MARCH

10	11	12	13	14	15	16	17	18	19	20	21	
1570	1640	1610	1550	1490	1410	1370	1350	1370	1390	1390	1390	1
1210	1280	1280	1350	1350	1350	1350	1280	1350	1350	1590	2430	2
1010	1010	890	770	890	890	890	1090	1070	1010	950	950	10
2430	2770	2600	2430	1920	2090	1920	1750	1750	1750	1750	1920	17
1340	1340	1400	1400	1340	1340	1340	1340	1580	1940	2060	2060	18
4230	4810	5990	5990	5860	5860	6120	6120	6390	6390	6120	6120	61
2720	2640	2430	2180	2180	2180	2180	2570	2570	2570	2720	2880	39
2410	1420	1390	1390	1350	1350	1350	1350	1350	1350	1350	1440	14
1110	1200	1200	1380	1470	1570	1570	1570	1570	1620	1680	1680	19
6760	5320	4890	4480	4090	3900	3540	3720	3900	4890	4680	4380	40
								1930	1850	1660	1630	163
1470	1430	1390	1350	1280	1160	880	750	810	880	1060	1160	124
4200	4060	3930	3740	3480	3540	3670	3540	6220	10600	10800	11300	999
1000	1070	1210	1360	1560	2780	3950	3810	4940	4100	5270	3020	284
2610	2550	2610	2610	2850	3210	3780	4130	4130	3990	4130	3850	3850
6700	6850	7170	7490	8450	8770	9250	9890	10400	11800	15200	15600	16600
1450	1495	1540	1540	1640	1895	2170	2555	2670	2980	3370	3910	4200
1220	1230	1230	1230	1340	1380	1500	1460	1420	1380	1380	1290	1300
1670	2140	2140	1840	1670	1500	1500	1500	1670	1670	1500	1340	1420
2880	3220	3300	3520	3750	3830	4340	4730	5120	5530	5180	5120	4780
955	1093	1195	1186	1224	1206	1295	1379	1285	1540	1669	1546	1951
1968	2600	3064	3552	3443	3345	3506	4057	4521	4902	5657	6189	5434
944	904	944	812	905	866	887	826	865	848	926	1024	1016
1537	1700	1645	1744	1699	1758	2397	2209	2118	2637	2705	3355	3813
948	967	1069	1080	1063	1035	1123	1195	1138	1135	1280	1488	1788
1171	1260	1257	1293	1490	1569	1470	1534	1444	1393	1342	1443	1808
4116	3755	4010	4085	3895	4426	4168	4550	4450	5725	5346	4581	5073
962	889	917	990	725	485	777	1255	1822	2246	2395	2310	2235
1083	962	1182	1242	1158	1014	1033	1057	1148	1122	1064	1290	1237
1008	1106	1179	1044	1078	1016	974	969	958	964	964	1028	976
2556	2114	2019	1995	1789	1790	1844	1983	1982	1988	2033	2661	3692
1688	1803	1666	1828	2490	2728	3083	3576	3155	2939	2805	2769	2811
3073	2642	2793	2492	3090	3901	3346	2755	3078	2766	2728	2486	2462
2664	3047	5304	4629	3924	3468	3168	3096	3370	3742	4360	5013	6156
1272	2102	1527	1838	1633	1582	1634	1720	1856	1860	1920	2042	3083
1051	1045	1117	1113	1261	1479	1637	1565	1670	1693	1705	1900	2038
964	906	1008	1288	1209	1220	1385	1416	1527	2571	2553	2565	2865
587	523	425	1519	1339	1478	1533	1501	1836	4216	8578	6327	3770
826	824	836	1117	1090	1002	1074	1221	1313	1257	1273	1335	1141
1644	1619	1710	1837	2141	2312	2658	2822	2573	2334	2330	2320	2466
1096	847	1094	1118	1364	1774	1797	1687	1588	1616	1413	1528	1418
1628	1656	1581	1767	1654	1434	1293	1444	1398	1468	1722	2304	2481
1049	1089	1490	1505	1632	1906	2266	2159	2510	2013	1649	1577	1462
2239	2239	2307	3039	3496	3291	3826	4726	4586	4644	4468	3838	3471
869	1097	1130	1378	1424	1283	1105	1621	1981	2445	3140	3413	3878
2525	2309	2061	1760	1737	1933	1711	1738	1859	2078	2107	2227	2467

	19	20	21	22	23	24	25	26	27	28	29	30
70	1390	1390	1390	1390	1390	1430	1550	1740	2060	3000	5430	2860
50	1350	1590	2430	2970	3120	4100	4100	6490	8260	6810	6190	4100
70	1010	950	950	1010	1210	1510	1870	3120	3430	3120	2970	2690
80	1750	1750	1920	1750	1580	1400	1400	1400	1400	1400	1580	1750
80	1940	2060	2060	1820	1820	1940	3760	2130	2580	2780	2780	2780
90	6390	6120	6120	6120	6660	6660	6660	6920	6660	5330	5330	5060
370	2570	2720	2880	3930	3480	3060	3060	2640	2570	2430	2240	2180
380	1350	1350	1440	1440	1440	1440	1440	1440	1480	1440	1440	1440
370	1620	1680	1680	1900	2010	2400	3340	3520	4100	4750	5970	7900
900	4890	4680	4380	4000	3900	3540	3460	3210	3290	3050	4680	4680
930	1850	1660	1630	1630	1630	1640	1640	1940	2090	1860	1860	1820
810	880	1060	1160	1240	1350	1490	2250	2840	3180	3180	3360	3480
820	10600	10800	11300	9990	8630	7910	7430	6740	6300	6070	5920	5770
940	4100	5270	3020	2840	2780	2900	3200	3020	2960	2720	2560	3020
1130	3990	4130	3850	3850	4060	4130	4550	4840	3780	6280	6700	6450
0400	11800	15200	15600	16600	16100	12160	10800	10200	9250	9090	8770	8450
2670	2980	3370	3910	4200	4800	4800	4350	3840	3665	3500	3630	4500
2420	1380	1380	1290	1300	1420	1600	1730	2030	2480	2970	3360	3230
1670	1670	1600	1340	1420	1340	1340	1340	1200	1200	1480	1970	4040
5120	5530	5780	5120	4780	4730	4670	4340	3880	3690	3260	3090	3040
1285	1540	1669	1546	1951	2183	2500	2319	2190	1985	2080	2787	2612
4521	4902	5637	6189	5434	4801	4156	3751	3522	3471	4128	4416	4389
865	848	926	1024	1016	1020	924	1048	1006	933	906	1208	1563
2118	2637	2705	3355	3813	4013	4377	4720	5264	6243	6415	6414	6477
1136	1135	1280	1488	1788	1819	2381	2738	3288	3278	3678	4099	4812
1444	1393	1342	1443	1808	2109	2168	2108	1859	1852	1755	1579	1495
4450	5725	5346	4581	5073	4960	4927	5093	4881	4413	4092	4221	4306
1822	2246	2395	2310	2235	2681	4669	4453	3473	3156	2936	2782	2429
1148	1122	1064	1290	1237	1219	1532	1419	1804	1610	1884	2721	3359
958	964	964	1028	976	948	995	866	1058	900	997	919	914
1982	1988	2033	2661	3692	4305	5045	4980	4830	4920	4460	5690	6054
3135	2939	2805	2769	2811	3040	3470	3393	2575	2525	2318	2074	2030
3078	2766	2728	2486	2462	2777	2726	3174	3384	3152	3273	3732	4012
3370	3742	4360	5013	6156	8715	8649	9920	8122	8359	8443	7252	6658
1856	1860	1920	2042	3085	2758	1681	1745	1575	1578	1820	1984	1976
1670	1693	1705	1900	2038	2073	2029	2094	2242	2972	2312	2505	2948
1527	2571	2553	2565	2865	2833	2400	1950	1856	1504	1700	1623	1351
1836	4216	8578	6327	3770	2934	2845	2955	2965	2460	2254	3060	2918
1313	1257	1273	1335	1141	1098	1081	1003	997	1099	1106	1640	1644
2373	2354	2330	2320	2466	2662	2685	2458	2445	2285	2760	5492	6110
1588	1616	1413	1528	1418	1397	1234	1386	1433	1364	1349	1349	1709
1398	1468	1722	2304	2481	2260	2057	1858	1681	1624	1668	1624	1491
2510	2013	1649	1577	1462	1428	1285	1321	1402	1473	1493	1600	1723
4586	4444	4468	3838	3471	3509	3305	3402	2310	3581	3347	3439	3194
1981	2445	3140	3413	3878	4466	4809	5842	6017	5680	5766	5652	5231
1859	2078	2107	2227	2467	2746	3117	3521	5356	9146	8989	6379	5321

22	23	24	25	26	27	28	29	30	31	TOTAL
1390	1390	1430	1550	1740	2060	3000	5430	2860	2590	
2970	3120	4100	4100	6490	8260	6810	6190	4100	3930	
1010	1210	1510	1870	3120	3430	3120	2970	2690	2430	
1750	1580	1400	1400	1400	1400	1400	1580	1750	1750	
1820	1820	1940	3760	2130	2580	2780	2780	2780	2580	
6120	6660	6660	6660	6920	6660	5330	5330	5060	5060	
3930	3480	3060	3060	2640	2570	2430	2240	2180	2180	
1440	1440	1440	1440	1440	1480	1440	1440	1440	1440	
1900	2010	2400	3340	3520	4100	4750	5970	7900	8070	
4000	3900	3540	3460	3210	3290	3050	4680	4680	4090	
1630	1630	1640	1640	1940	2090	1860	1860	1820	1650	
1240	1350	1490	2250	2840	3180	3180	3360	3480	4130	
9990	8630	7910	7430	6740	6300	6070	5920	5770	5700	
2840	2780	2900	3200	3020	2960	2720	2560	3020	2620	
3850	4060	4130	4550	4840	3780	6280	6700	6450	6620	
16600	16100	12100	10600	10200	9250	9090	8770	8450	8290	
4200	4800	4800	4350	3840	3665	3500	3630	4500	4050	
1300	1420	1600	1730	2030	2480	2970	3360	3230	3130	
1420	1340	1340	1340	1200	1200	1480	1970	4040	4130	
4780	4730	4670	4540	3880	3690	3260	3090	3040	3000	
1951	2183	2500	2319	2190	1985	2080	2787	2612	2075	
5434	4801	4156	3751	3522	3471	4128	4416	4389	4472	
1016	1020	924	1048	1006	933	906	1208	1563	1698	
3813	4013	4377	4720	5264	6243	6415	6414	6477	6335	
1788	1819	2381	2738	3288	3278	3678	4099	4812	5241	
1808	2109	2168	2108	1859	1652	1755	1579	1495	1559	
5073	4960	4927	5093	4881	4413	4092	4221	4306	4633	
2235	2681	4669	4453	3473	3156	2936	2782	2429	2972	
1237	1219	1332	1419	1804	1610	1884	2721	3359	4330	
976	948	995	866	1058	900	997	919	914	764	
3692	4305	5045	4980	4830	4920	4460	5690	6054	6250	
2811	3040	3470	3393	2575	2525	2318	2074	2030	1865	
2462	2777	2725	3174	3384	3152	3273	3732	4012	4810	
6156	8715	8649	9920	8122	8559	8443	7252	6658	5978	136,423
3083	2758	1681	1745	1575	1578	1820	1984	1976	2318	50,952
2038	2073	2029	2094	2242	2972	2312	2505	2948	3073	51,808
2865	2833	2400	1950	1856	1504	1700	1623	1351	1718	45,623
3770	2934	2845	2955	2965	2460	2254	3060	2918	2724	67,913
1141	1098	1081	1003	997	1099	1106	1640	1644	1665	32,237
2466	2662	2685	2458	2445	2285	2760	5492	6110	5265	75,848
1418	1397	1234	1386	1433	1364	1349	1349	1709	1926	41,575
2481	2260	2057	1858	1681	1624	1668	1624	1491	1393	50,030
1462	1428	1285	1321	1402	1473	1493	1600	1723	1755	44,935
3471	3509	3305	3402	2310	3581	3347	3439	3194	2840	95,513
3878	4466	4809	5842	6017	5680	5766	5652	5231	5563	82,147
2467	2746	3117	3521	5356	9146	8989	6379	5321	5712	100,756

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	2470	2350	2460	2560	2330	2210	2120	2250	2520	2830	3020	3240	3570
1896	3760	2970	2830	2830	2970	2970	4100	4470	3760	4890	3930	3930	6870
1897	2560	2190	2080	2190	2080	2430	2430	2310	2970	3590	4890	6490	7860
1898	1580	1750	1750	1400	1230	1400	1750	1580	1580	2090	2260	2600	3800
1899	2780	2980	2980	3170	3760	3760	3760	4580	5580	7000	7600	8320	8140
1900	5060	6660	7450	6920	6660	7180	7720	7450	6650	6660	5860	6390	7180
1901	2070	2240	2430	2360	2300	2300	2300	2300	2360	2720	3460	4380	5050
1902	1390	1850	1930	2460	2460	2460	3365	4160	3030	2590	2590	2660	2660
1903	7110	6520	5710	5710	5220	5220	5220	4310	4530	7740	6810	5710	4980
1904	4090	4090	4480	5320	5770	6010	5770	5890	6760	10400	11500	13700	15500
1905	1650	1710	1750	1840	1970	2320	2810	2920	3050	2810	2570	2470	2570
1906	4550	3670	3240	3060	2900	3540	4340	5110	5250	5620	4830	4620	4760
1907	6520	6670	6970	7040	7270	7350	7510	8230	9030	11600	11600	13680	14600
1908	2190	2190	2290	2500	3140	2900	2780	2800	3140	5180	5580	6780	8670
1909	6650	7450	8200	7550	7100	6400	5900	5900	5600	6600	6550	6450	7150
1910	8290	8290	8930	8450	8450	8450	8610	8930	9890	10500	11500	12000	11800
1911	6150	6560	6550	6100	5750	5280	4970	4520	4790	5050	4750	4280	4120
1912	3230	3770	4740	5300	5280	4090	5060	6100	7200	8070	7870	7360	6560
1913	4640	4300	3840	3370	3730	4110	4050	3990	4230	4600	5280	5980	6980
1914	2690	2920	3260	4140	6260	7270	7360	7760	7840	8420	8500	8100	8510
1915	1975	2230	2616	2764	2684	2821	2763	2591	2640	2677	2799	2997	3574
1916	5108	5908	6338	6649	6947	6649	6611	7382	7735	8918	11761	11644	10351
1917	1538	1386	1557	1500	1522	2002	2515	3849	2374	3735	3881	4131	6451
1918	6402	6266	6621	5948	4910	4575	4018	4595	4356	4985	7036	7100	6877
1919	5805	6183	6303	7518	8333	7507	6650	5390	4657	4320	4467	4513	4483
1920	1549	1628	1531	1432	1533	1963	2111	2495	2798	3230	3602	3889	4069
1921	4960	5767	7327	8563	6136	7996	5956	5193	4763	4887	6514	5327	7017
1922	3260	2889	2775	4554	4485	4692	4458	6294	6242	5026	5028	3849	3758
1923	4206	4488	4476	4386	3861	3958	4326	3854	3633	3645	3874	5255	4705
1924	933	944	962	1132	962	1056	1305	1922	2506	2714	2762	2722	2699
1925	5595	5335	5480	5275	7895	7885	7895	7900	8830	10400	11355	13050	14200
1926	1991	1761	1894	1767	2133	2025	2316	2702	3180	3305	3319	3344	3483
1927	4481	5998	5446	4916	4032	4406	4917	5380	5659	5298	4742	4570	3980
1928	5834	5406	5252	4801	4587	4407	3948	3809	3590	3952	3737	4216	3607
1929	1871	1814	1951	2290	2609	2586	2202	2129	1930	1688	1726	1701	1558
1930	2581	3183	2944	3242	3610	4160	5125	5379	5540	5662	5685	5631	5525
1931	2199	3177	3354	2629	2470	2533	2709	3256	3115	3192	3072	3206	3540
1932	3195	3973	4861	5209	4783	4470	4032	4038	4045	4011	4576	5694	7652
1933	1590	1914	2492	3599	3806	3357	3080	2669	2455	1864	1512	1407	1486
1934	4654	4001	3629	3525	3291	2945	3039	3299	3634	3548	4155	4344	4924
1935	1763	1721	1651	1964	2515	2513	2285	3268	4057	4412	4198	4443	4871
1936	1390	1325	1255	1342	1284	1257	1301	1543	2409	3573	4529	6748	8620
1937	2008	2800	3385	2295	2160	1990	1889	1776	1642	1960	1960	1988	2287
1938	2807	2545	3270	2989	3119	3515	3893	4296	4548	4828	5365	5802	6088
1939	5941	6390	6610	6985	6927	6185	5572	5178	5441	4937	4823	4697	4700
1940	9288	8136	6835	5923	5711	5180	4692	4636	4581	4810	4623	4422	4762

APRIL

11	12	13	14	15	16	17	18	19	20	21	22
3020	3240	3510	3680	3850	4020	4200	4370	4570	4680	4890	4470
3930	3930	6810	11000	7150	6190	5910	4890	4470	3930	3760	4890
4890	6490	7880	8660	14300	19000	26200	27000	29500			
2260	2600	3800	5170	5510	6020	6360	6360	5510	5510	5680	5580
7600	8320	8140	7450	7300	10170	8500	8690	7000	6700	6700	7960
5860	6390	7180	6120	5600	6120	5860	6120	6120	6120	6120	6120
3460	4380	5050	5720	5500	5050	5280	5500	6170	6840	6840	7180
2590	2660	2660	2590	2730	3740	4160	5500	5950	6400	5500	5050
6810	5710	4980	5220	5340	5710	6240	6520	6660	6810	7740	11500
11500	13700	15500	18000	19700	17800	16400	15400	17200	18000	15400	12200
2570	2470	2570	2490	2490	2660	2820	2710	2980	3380	3380	3320
4830	4620	4760	4830	5470	6070	6300	6370	6440	6520	7430	8070
11600	13680	14600	15600	17000	16000	14500	13600	12300	11300	11400	11400
5580	6780	8670	7950	7770	8760	8040	7950	8850	9600	10100	10600
6550	6450	7150	8000	8450	9000	9150	9150	9050	8750	8450	8000
11500	12000	11800	11200	10500	10000	10000	10000	10200	10800	10500	10400
4750	4280	4120	3890	3780	3630	3750	4300	4430	4410	4250	4280
7870	7360	6560	5780	5600	5280	5240	5530	5350	5240	4970	4970
5280	5980	6980	7710	8310	7440	6900	7490	7910	7520	8100	8670
8500	8100	8510	8750	9650	11300	10100	9250	8870	8800	8900	9490
2799	2997	3574	3719	3501	3663	4073	4056	4108	4130	4300	4090
11761	11644	10351	10410	10620	10490	9840	9550	8500	7540	7470	7660
3881	4131	6451	4496	3948	3509	3093	2976	2850	3091	3701	5092
7036	7100	6877	6838	6577	6063	5537	5144	3862	4145	4422	4966
4467	4513	4483	4467	4267	4022	4083	4226	5155	5903	6490	6946
3602	3889	4069	4230	4214	4248	3943	3558	3452	3535	3694	3728
6514	5327	7017	8340	7536	6812	6002	6002	6172	6725	7155	7138
5028	3849	3758	3457	3506	3305	2840	2585	2630	3265	3935	5425
3874	5255	4705	4777	4948	4905	6311	6805	6347	6092	5045	4455
2762	2722	2699	3378	3415	2745	2250	2191	2015	2144	2124	2476
11355	13050	14200	12950	11335	11440	11755	12275	10665	8930	7786	7050
3319	3344	3483	4083	4321	4867	5381	5802	5848	6001	5863	5023
4742	4570	3980	4118	4603	4980	4956	5073	4648	4734	4200	4305
3737	4216	3607	3977	3797	4053	4198	4445	4659	4221	4380	4232
1726	1701	1558	1562	2046	2219	2552	3065	3471	4107	4235	3966
5685	5631	5525	5481	5290	4418	3885	3774	3343	3400	4141	4781
3072	3206	3540	3326	3143	2972	3083	3119	3354	2833	3070	2981
4576	5694	7652	8697	9076	8305	8060	6727	6413	6664	6338	5443
1512	1407	1486	1487	1809	2471	3328	3477	3250	3663	4220	4186
4155	4344	4924	5274	5156	4687	4476	3941	4048	3958	4144	4688
4198	4443	4871	5695	6446	8138	7767	6191	5524	6063	7305	8311
4529	6748	8620	10535	11125	13522	12154	15960	18600	18270	17980	17140
1960	1988	2287	4490	5662	7167	5220	4422	3785	3810	4022	4497
5365	5802	6088	6436	6674	7394	7848	8938	12800	14070	12825	12541
4823	4697	4700	4359	4117	3946	4252	4451	4701	5133	5708	6149
4623	4422	4762	5769	6669	6698	6023	5786	5661	6661	6781	6276

18	19	20	21	22	23	24	25	26	27	28	29
370	4510	4680	4890	4470	4890	5380	5910	6810	6490	6840	6220
4890	4470	3930	3760	4890	5130	5130	5910	7150	5640	5380	5640
7000	29500										
5360	5510	5510	5680	5580	5680	5680	5850	6540	6540	6540	6360
8690	7000	6700	6700	7960	10910	13130	11280	11650	9060	7960	7300
6120	6120	6120	6120	6120	6120	6120	6120	5860	5860	5860	5860
5500	6170	6840	6840	7180	7740	8640	7850	8080	7290	7070	7520
5500	5950	6400	5500	5050	4600	4160	3840	3940	3940	3740	3550
6520	6660	6810	7740	11500	11000	11500	12100	13300	12700	10500	8410
5400	17200	18000	15400	12200	10100	9120	9120	11100	13600	11800	11100
2710	2980	3380	3380	3320	3540	3540	3950	4410	4570	4070	3760
6370	6440	6520	7430	8070	8550	7830	7430	6520	6300	6220	6520
13600	12300	11300	11400	11400	12500	12500	12500	12100	11900	11500	11300
7950	8850	9600	10100	10600	9900	8940	7940	7590	7140	6690	6510
9150	9050	8750	8450	8000	8200	8350	8000	9400	10500	10200	9000
10000	10200	10800	10500	10400	10500	10500	11000	11300	11500	11300	11000
4300	4430	4410	4250	4280	4620	5330	6500	8200	8500	8300	7640
5530	5350	5240	4970	4970	4800	4900	5780	5760	5740	6000	6440
7490	7910	7520	8100	8670	7650	6790	6430	7140	7870	8290	7430
9250	8870	8800	8900	9490	9590	9360	9300	7970	8070	7840	7630
4056	4108	4130	4300	4090	3728	3387	3212	3296	3292	3357	3493
9550	8500	7540	7470	7660	7490	9450	11390	13460	14960	14020	12050
2976	2850	3091	3701	5092	5900	7547	8193	9086	9314	9990	7615
5144	3862	4145	4422	4966	5569	6797	7647	7167	6552	6124	5937
4226	5155	5903	6490	6946	7273	8021	9470	10433	10516	10355	10215
3558	3452	3535	3694	3728	3664	3246	2931	2893	3152	3518	4078
6002	6172	6725	7155	7138	7674	8104	7287	6587	5830	6050	6402
2585	2630	3265	3935	5425	7240	8120	8815	8870	9270	9976	10412
6805	6347	6092	5045	4455	3962	3538	2938	3222	3601	4610	5280
2191	2015	2144	2124	2476	2907	3094	2821	2761	2548	2741	2873
12275	10665	8930	7786	7050	6760	5857	5666	5365	5140	5220	5640
5802	5848	6001	5863	5023	4796	4214	3991	4071	4313	4525	4919
5073	4648	4734	4200	4305	4219	4865	6872	10092	13778	14531	14795
4445	4659	4221	4380	4232	3978	4641	5988	6929	10105	11480	10460
3065	3471	4107	4235	3966	3860	4207	4109	4013	4434	4832	5308
3774	3343	3400	4141	4781	5185	6194	5909	5666	4546	4786	4674
3119	3354	2833	3070	2981	2784	3070	2662	2521	2502	2601	2746
6727	6413	6664	6338	5443	4868	4325	4181	4438	5337	5997	6088
3477	3250	3663	4220	4186	4820	5649	6315	7220	8267	9084	9592
3941	4048	3958	4144	4688	4838	5446	4520	4964	4277	3896	3826
6191	5524	6063	7305	8311	7747	6145	5407	5092	5495	6314	6208
15960	18600	18270	17980	17140	18345	19790	17200	15155	13250	11980	10965
4422	3785	3810	4022	4497	3958	3501	3206	3345	4635	5338	4678
8938	12800	14070	12825	12541	13191	13278	13122	14180	14188	13469	13320
4451	4701	5133	5708	6149	6521	6366	6153	5456	5092	5044	5579
5786	5661	6661	6781	6276	5848	5853	5685	5717	6531	6620	6097

Chart 2C

	22	23	24	25	26	27	28	29	30	31	TOTAL
	4470	4890	5980	5910	6810	6490	6840	6220	6490		
	4890	5130	5130	5910	7150	5640	5380	5640	5130		
	5580	5680	5680	5850	6540	6540	6540	6360	6190		
	7960	10910	13130	11280	11650	9060	7960	7300	6700		
	6120	6120	6120	6120	5860	5860	5860	5860	6120		
	7180	7740	8640	7850	8080	7290	7070	7520	8410		
	5050	4600	4160	3840	3940	3940	3740	3550	3740		
	11500	11000	11500	12100	13300	12700	10500	8410	8070		
	12200	10100	9120	9120	11100	13600	11800	11100	10600		
	3320	3540	3540	3950	4410	4570	4070	3760	3590		
	8070	8550	7830	7430	6520	6300	6220	6520	6600		
	11400	12500	12500	12500	12100	11900	11500	11300	11300		
	10600	9900	8940	7940	7590	7140	6690	6510	6690		
	8000	8200	8350	8000	9400	10500	10200	9000	7460		
	10400	10500	10500	11000	11300	11500	11300	11000	10200		
	4280	4620	5330	6500	8200	8500	8300	7640	7300		
	4970	4800	4900	5780	5760	5740	6000	6440	8450		
	8670	7650	6790	6430	7140	7870	8290	7430	6730		
	9490	9590	9360	9300	7970	8070	7840	7630	6620		
	4090	3728	3387	3212	3296	3292	3357	3493	3743		
	7660	7490	9450	11390	13460	14960	14020	12050	10430		
	5092	5900	7547	8193	9086	9314	9990	7615	6699		
	4966	5569	6797	7647	7167	6552	6124	5937	5984		
	6946	7273	8021	9470	10433	10516	10353	10215	9956		
	3728	3664	3246	2931	2893	3152	3518	4078	4608		
	7138	7674	8104	7287	6587	5830	6050	6402	7250		
	5425	7240	8120	8815	8870	9270	9976	10412	9160		
	4455	3962	3538	2938	3222	3601	4610	5280	5760		
	2476	2907	3094	2821	2761	2548	2741	2873	3123		
	7050	6760	5857	5666	5365	5140	5220	5640	6000		
	5023	4796	4214	3991	4071	4313	4525	4919	5103		
	4305	4219	4865	6872	10092	13778	14531	14795	14870		
	4232	3978	4641	5988	6929	10105	11480	10460	9717		158,406
	3966	3860	4207	4109	4013	4434	4832	5308	5506		89,547
	4781	5185	6194	5909	5666	4546	4786	4674	3349		137,089
	2981	2784	3070	2662	2521	2502	2601	2746	3367		88,586
	5443	4868	4325	4181	4438	5337	5997	6088	6507		168,003
	4186	4820	5649	6315	7220	8267	9084	9592	9602		119,671
	4688	4838	5446	4520	4964	4277	3896	3826	3677		124,824
	8311	7747	6145	5407	5092	5495	6314	6208	6221		149,729
	17140	18345	19790	17200	15155	13250	11980	10965	10250		288,797
	4497	3958	3501	3206	3345	4635	5338	4678	3803		103,679
	12541	13191	13278	13122	14180	14188	13469	13329	15202		252,550
	6149	6521	6366	6153	5456	5092	5044	5579	7046		164,459
	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	5640
1896	5640	4890	5640	7880	7880	6490	6810	7151	6490	5910	6190	5910	5310
1897													
1898	6190	6020	6020	5510	4650	4310	4480	4480	4480	4820	4820	4820	5510
1899	6120	5300	5060	4820	5300	5850	9060	9800	13500	19000	17200	14200	13500
1900	6390	6660	6920	7450	7450	8780	9300	10100	10400	11400	11960	11960	8510
1901	8860	10200	9640	10200	11100	10400	10200	9980	10300	10700	11200	11300	12000
1902	3740	3550	3190	3190	3190	3550	3940	6170	6840	6400	6400	6840	7740
1903	7740	7420	7420	8410	9150	10000	10000	10000	9560	9560	9560	9560	11000
1904	10100	10100	11500	12800	12200	12300	12200	11800	11800	12300	12300	12800	12800
1905	3350	3470	3590	3490	3260	3100	3080	3120	3510	3350	2980	2900	2710
1906	6820	6970	7430	8070	7430	7200	7040	7350	7510	8150	8310	8710	8710
1907	10800	10800	10800	10900	10900	10900	11300	11700	11900	12100	12500	11200	11100
1908	7410	8040	7590	8040	7590	8220	9220	9800	9030	8130	6870	6340	6170
1909	7460	7630	8900	10500	12400	11600	10800	10500	10200	10200	9000	8200	8000
1910	9250	8610	7650	7650	7170	6700	6850	7490	8450	10200	10000	8990	9890
1911	7120	7250	8020	8950	10500	10800	9830	9170	8830	7820	7650	7560	7880
1912	7460	6960	6500	6500	6500	8610	7650	8610	10200	11200	11700	11600	11400
1913	6070	5560	5050	4900	5200	7010	8770	10400	11500	12100	10600	10000	9490
1914	6420	7440	8370	9300	9440	7970	8100	8720	9330	9780	10200	10100	9920
1915	4026	3604	3305	3116	3020	2941	2888	2903	3069	3551	3871	4165	5100
1916	9870	10380	11260	13100	14670	15500	16550	14530	13280	11290	9740	8368	7360
1917	6439	5992	6708	5333	6606	6891	7786	9186	10671	10755	11090	12189	13770
1918	6404	6947	7554	8322	9307	10178	11352	10905	9536	8102	7368	7053	6520
1919	10210	10145	9533	8796	7968	7060	6307	5859	5806	5888	5897	5904	5740
1920	4861	5043	4909	4768	4652	4792	5152	5739	6612	7537	8093	8757	8840
1921	7261	7755	8759	9742	10600	11249	11120	12239	13496	13910	12702	13006	11830
1922	8640	8540	9646	9720	10743	12962	12916	12990	12080	9860	8642	8478	8107
1923	4940	4692	4062	4192	4641	6060	7289	7961	8434	9077	9186	8109	7270
1924	3457	3764	4485	4706	4688	4063	3378	3124	3235	3411	4042	4398	4866
1925	6882	7686	9083	10064	11062	11068	12270	12925	11784	10735	10790	10810	10635
1926	5503	5871	5214	4970	6116	7094	5564	4564	4196	3898	3368	3284	3119
1927	15725	14590	11952	10368	9499	8677	8294	8783	7954	7425	6951	8019	8591
1928	9135	10829	10087	9251	9512	10998	12685	15575	17606	20710	19273	18790	16751
1929	4913	4434	4491	4685	4542	4042	3583	3457	4030	4447	4426	4578	5389
1930	3765	3864	3970	5467	5180	5134	5104	4739	4383	4140	3757	3970	3495
1931	3609	4058	4391	4662	4620	4414	5082	5434	4546	4100	3851	3721	4151
1932	6135	7136	7732	7851	7794	7823	7929	7696	8252	8880	8748	10569	12444
1933	7346	6420	5583	5035	4940	4732	4513	4667	3593	3581	3498	3460	3372
1934	3647	3545	3342	3220	3233	3363	4191	4610	4774	4241	3763	3629	3467
1935	6680	5978	6059	5657	5686	6321	7003	7070	6537	6514	6833	6491	6011
1936	10227	9873	9967	10642	12065	11988	10497	9402	7753	9294	10046	11808	12951
1937	3906	4075	5213	6310	7190	7705	7409	6848	6518	6490	6350	5891	5731
1938	16732	19286	15909	12980	10968	9465	8459	7776	7517	7516	8239	8808	9209
1939	8413	7872	8022	8056	8050	7733	6970	6422	5977	5674	5809	5719	5320
1940	5075	4824	5022	6141	6327	5574	5311	5100	5438	6117	7224	8852	9866

MAY

10	11	12	13	14	15	16	17	18	19	20	21
6190	5640	5640	5640	6490	6810	6810	6490	6190	6190	6490	6810
5910	6190	5910	5380	4890	4890	4890	4670	4490	4280	4280	4100
4820	4820	4820	5510	5510	5680	5590	5590	5000	4820	5000	5000
19000	17200	14200	13500	12800	11300	10200	9800	9060	7600	7300	7300
11400	11960	11960	8510	8510	8780	8780	8510	8240	8510	8240	7980
10700	11200	11300	12000	12200	12200	12700	12700	12400	11500	9980	9530
6400	6400	6840	7740	7740	7070	7070	6840	5950	5500	5160	4830
9560	9560	9560	11000	12700	12700	11500	10000	10000	8870	7110	5710
12300	12300	12800	12800	13200	13600	13600	13600	13900	13900	15000	16400
3350	2980	2900	2710	2580	2610	2650	3300	4600	4740	4710	4670
8150	8310	8710	8710	8470	8390	7430	6440	5920	5700	5700	5700
12100	12500	11200	11100	10100	9700	10300	11100	12500	13400	13300	12200
8130	6870	6340	6170	5740	5580	5340	5100	4860	4860	4700	4400
10200	9000	8200	8000	7630	8200	8600	8400	8200	8600	9300	9600
10200	10000	8990	9890	9730	9250	8610	8130	8130	8130	7650	7330
7820	7650	7560	7880	7840	8980	10200	9650	10100	9380	8830	8610
11200	11700	11600	11400	11700	11900	12100	12700	12900	13700	14300	14500
12100	10600	10000	9490	8470	7920	7380	6980	7810	8500	8370	8240
9780	10200	10100	9920	9280	9440	9440	9600	9600	9280	9440	9600
3551	3871	4165	5107	5486	5334	5239	5033	5678	6227	5729	5468
11290	9740	8368	7362	6601	6220	6100	6260	7084	8419	8397	8717
10755	11090	12189	13773	15296	17848	17555	13816	10629	9104	8562	8308
8102	7368	7053	6522	6344	6834	6187	6405	5535	4700	4942	4969
5888	5897	5904	5743	5583	5640	5977	6460	6663	6713	7383	8583
7537	8093	8757	8847	8650	8600	8868	9245	9623	9375	9031	8581
13910	12702	13006	11835	13156	14742	17174	18739	18115	15158	13165	12974
9860	8642	8478	8107	9843	10561	11636	13057	15220	16450	16220	15936
9077	9186	8109	7270	6800	6536	6497	6502	7160	8271	7573	7923
3411	4042	4398	4866	5179	5011	5100	5142	5186	4675	4490	4074
10735	10790	10810	10635	10765	10945	11500	11900	12500	13500	14350	14350
3898	3368	3284	3119	2976	3106	3160	3417	3436	3625	3665	4404
7425	6951	8019	8591	10096	13172	16588	19289	20061	16261	14384	11536
20710	19273	18790	16751	14770	12847	11587	11522	12200	13145	13409	12700
4447	4426	4578	5389	6215	6318	6482	6431	6411	6696	6424	7067
4140	3757	3970	3495	3382	3772	4247	4169	4856	4552	4844	4902
4100	3851	3721	4151	4646	5265	5201	5228	4870	4208	3632	3266
8880	8748	10569	12444	13580	13569	12341	10987	11458	11607	12051	12114
3581	3498	3460	3372	3373	3814	4758	5068	5745	4621	4861	4866
4241	3763	3629	3467	3378	3209	3135	3173	3354	3348	3178	3048
6514	6833	6491	6011	5706	5358	5307	6201	6411	5944	5963	6039
9294	10046	11808	12951	13995	14946	14675	12418	10608	9822	9807	8582
6490	6350	5891	5731	5755	6329	6530	6276	6467	6706	6535	6045
7516	8239	8808	9209	10208	11343	11734	12691	12971	12173	10396	9033
5674	5809	5719	5320	5334	5218	5272	5551	5486	5468	5275	4987
6117	7224	8852	9866	9587	9164	8237	7997	7395	7081	7261	7275

	18	19	20	21	22	23	24	25	26	27	28	
60	6190	6190	6490	6810	6190	5640	5380	5130	6490	7880	6810	56
70	4490	4280	4280	4100	4890	7150	11000	12500	14900	14900	19000	197
90	5000	4820	5000	5000	4910	4910	4910	4910	5000	5000	5080	619
00	9060	7600	7300	7300	8320	9060	9800	10900	9800	9060	10300	1050
10	8240	8510	8240	7980	7720	7450	7450	7180	7180	6920	6920	666
00	12400	11900	9980	9530	8640	8000	7520	7740	8410	8640	9080	908
40	5950	5500	5160	4830	4720	4600	4480	4720	5500	6400	7520	819
00	10000	8870	7110	5710	5220	4980	4980	5220	5340	6240	6660	6810
500	13900	13900	15000	16400	18000	18700	18000	16100	14800	12200	12200	12800
300	4600	4740	4710	4670	4100	3990	3670	3360	3430	4700	4380	5360
440	5920	5700	5700	5700	5540	5320	5540	5470	7040	6740	6520	6440
100	12500	13400	13300	12200	11700	10900	10700	9900	9600	9220	9120	9120
100	4860	4860	4700	4400	4180	3960	3890	4320	4620	4400	4250	4100
400	8200	8600	9300	9600	10200	10500	10200	10200	10400	12000	13100	11700
8130	8130	8130	7650	7330	7170	7650	9090	8930	7970	8130	7650	7330
9650	10100	9380	8830	8610	9030	9300	9640	9500	9100	8690	8260	7700
2700	12900	13700	14300	14500	12600	11800	10800	10500	13000	13500	12700	12500
6980	7810	8500	8370	8240	8610	9440	11100	12200	12400	12800	13300	12700
9600	9600	9280	9440	9600	9600	9920	9760	9600	8640	8160	7680	7490
5033	9678	6227	5729	5468	5074	5796	5022	4787	4461	4241	4198	4667
6260	7084	8419	8397	8717	8517	7777	7247	6828	6999	5930	5910	6140
3816	10629	9104	8562	8308	9284	9928	11175	10899	12114	11333	11495	11952
6405	5535	4700	4942	4969	4717	4632	4615	4825	5036	5266	5255	5317
6460	6663	6713	7383	8583	10072	11107	11444	11323	10110	9820	9536	10170
9245	9623	9375	9031	8581	8430	8460	8352	8041	7268	6578	6181	6337
18739	18115	15158	13165	12974	12930	12541	12865	13949	15565	16723	15918	15515
13057	15220	16450	16220	15936	13925	13375	13343	16833	18174	14975	11890	10432
6502	7160	8271	7573	7923	8121	7990	8895	10240	11950	10158	7778	6509
5142	5186	4675	4490	4074	4020	3888	3711	3338	3312	3040	2876	2505
11900	12500	13500	14350	14350	13870	12690	11780	11090	10725	10000	10855	11600
3417	3436	3625	3665	4404	4192	3976	3964	3735	3313	3033	2768	3051
19289	20061	16261	14384	11536	9768	8909	7754	7128	7836	8923	9582	8753
11522	12200	13145	13409	12700	14513	14995	14810	15145	15957	15944	14976	13632
6431	6411	6696	6424	7067	7767	8604	9196	9874	8661	6911	5882	5099
4169	4856	4552	4844	4902	5365	5164	4767	4518	4524	4740	5434	6571
5228	4870	4208	3632	3266	3062	2718	2828	3154	3577	3752	3550	3494
10987	11458	11607	12051	12114	12710	10953	8933	7079	6384	5838	5841	5783
5068	5745	4621	4861	4866	5561	5879	6017	6201	6925	8055	8577	7771
3173	3354	3348	3178	3048	2961	2783	2987	2913	2832	2553	2605	2394
6201	6411	5944	5963	6039	6926	7983	9299	9501	9016	8784	8402	8204
12418	10608	9822	9807	8582	7622	6831	6225	6750	7498	8365	9154	9524
6276	6467	6706	6535	6045	5598	5827	6462	6098	6658	6286	6269	6315
12691	12971	12173	10396	9033	8327	8402	9447	11025	11983	14127	16428	15847
5551	5486	5468	5275	4987	4246	4115	3860	3410	3487	3285	3479	3664
7997	7395	7081	7261	7275	7288	7106	7107	7859	7933	7868	7286	6819

22	23	24	25	26	27	28	29	30	31	TOTAL
6190	5640	5380	5130	6490	7880	6810	5640	4890	4670	
4890	7150	11000	12500	14900	14900	19000	19700	23700	31200	
4910	4910	4910	4910	5000	5000	5080	6190	5680	5250	
8320	9060	9800	10900	9800	9060	10300	10500	11300	10900	
7720	7450	7450	7180	7180	6920	6920	6660	6660	6390	
8640	8000	7520	7740	8410	8640	9080	9080	8640	8190	
4720	4600	4480	4720	5500	6400	7520	8190	7960	7740	
5220	4980	4980	5220	5340	6240	6660	6810	7740	9150	
18000	18700	18000	16100	14800	12200	12200	12800	11500	11800	
4100	3990	3670	3360	3430	4700	4380	5360	5030	5120	
5540	5320	5540	5470	7040	6740	6520	6440	6070	5920	
11700	10900	10700	9900	9600	9220	9120	9120	10700	11300	
4180	3960	3890	4320	4620	4400	4250	4100	4250	4180	
10200	10500	10200	10200	10400	12000	13100	11700	10200	10200	
7170	7650	9090	8930	7970	8130	7650	7330	7810	8290	
9030	9300	9640	9500	9100	8690	8260	7700	8750	9620	
12600	11800	10800	10500	13000	13500	12700	12500	12900	13100	
8610	9440	11100	12200	12400	12800	13300	12700	12200	11800	
9600	9920	9760	9600	8640	8160	7680	7490	7460	7750	
5074	5796	5022	4787	4461	4241	4198	4667	4521	4537	
8517	7777	7247	6828	6999	5930	5910	6140	6270	6560	
9284	9928	11175	10899	12114	11333	11495	11952	11586	11785	
4717	4632	4615	4825	5036	5266	5255	5317	4972	4676	
10072	11107	11444	11323	10110	9820	9536	10170	11580	11316	
8430	8460	8352	8041	7268	6578	6181	6337	6674	6809	
12930	12541	12865	13949	15565	16723	15918	15515	15115	14000	
15925	13375	13343	16833	18174	14975	11890	10432	10248	10795	
8121	7990	8895	10240	11950	10158	7778	6509	6268	5921	
4020	3888	3711	3338	3312	3040	2876	2505	2306	2130	
13870	12690	11780	11090	10725	10000	10855	11600	11513	10516	
4192	3976	3964	3735	3313	3033	2768	3051	2762	3114	
9768	8909	7754	7128	7836	8923	9582	8753	8044	7795	
14513	14995	14810	15145	15957	15944	14976	13632	12294	10471	426,097
7767	8604	9196	9874	8661	6911	5882	5099	4639	4515	179,709
5365	5164	4767	4518	4524	4740	5434	6571	7559	7289	147,623
3062	2718	2828	3154	3577	3752	3550	3494	3274	3405	125,769
12710	10953	8933	7079	6384	5838	5841	5783	5880	5991	282,088
5561	5879	6017	6201	6925	8055	8577	7771	8254	9359	170,805
2961	2783	2987	2913	2832	2553	2605	2394	2372	2394	114,808
6926	7983	9299	9501	9016	8784	8402	8204	8005	8375	214,264
7622	6831	6225	6750	7498	8365	9154	9524	9492	9120	312953
5598	5827	6462	6098	6658	6286	6269	6315	5787	5017	190,596
8327	8402	9447	11025	11983	14127	16428	15847	14345	12313	355,657
4246	4115	3860	3410	3487	3285	3479	3664	4124	4620	170,918
7288	7106	7107	7859	7933	7868	7286	6819	6630	6476	217,240

YEAR-	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	4470	4100	3930	3930	4100	3930	4100	3930	3760	3590	3430	3430	3760
1896	27000	27000	32100	29500	27000	24500	24500	25300	23700	25300	22900	22900	29500
1897													
1898	4910	4820	4820	4480	4310	4480	4140	3970	4140	4650	4910	5170	5510
1899	10200	10500	12800	13900	13900	11300	10500	10500	9800	10200	11600	13900	10200
1900	6120	6120	6660	6920	7180	7850	7450	6920	6920	6120	5330	4940	4940
1901	7740	7740	7740	7070	6400	5720	5500	5050	4830	4600	4380	4270	3930
1902	7070	6170	5500	5280	5160	5050	5160	5840	6730	7520	7290	6840	6510
1903	13300	16900	16200	14400	13300	12700	13300	13800	14400	14400	13800	12700	11500
1904	11800	11800	10400	9440	9440	10100	9770	9770	9600	9440	9440	8800	8180
1905	6070	6260	5890	5380	5180	4940	4860	5360	5360	5010	5010	4920	5090
1906	5700	5470	5620	6070	6140	6440	5700	5700	5470	5540	5920	7430	7990
1907	11700	12200	12200	11900	11100	10900	11300	10700	10300	10000	9700	9320	9320
1908	4030	3820	3960	4260	4030	3890	3960	4400	4780	5500	6260	7770	8670
1909	11600	13900	15400	15900	16000	16000	14600	13000	11800	10800	9400	8230	8230
1910	9090	9250	8290	6850	6700	6650	6250	5950	5200	5050	5650	5950	5500
1911	10500	11500	12400	13400	13400	12800	13300	13800	13500	12400	12500	14100	15100
1912	13200	13300	13700	13600	14000	14400	14800	15300	15600	15100	13900	13300	14300
1913	11400	11800	10900	10500	9920	9680	9280	9360	9280	8720	8160	7600	7360
1914	8020	8150	8750	8400	7550	6430	5800	5620	4820	4510	4200	4160	4280
1915	5049	5114	4524	4067	3842	3890	3822	3999	4124	3945	3630	3428	3149
1916	6620	6470	6960	8179	9468	10068	10178	10582	11262	11622	10902	10012	9570
1917	10345	10482	10360	9902	9270	8811	9153	9429	11048	12940	12928	10816	9286
1918	4749	5176	5636	6558	7487	8777	9016	10176	10760	11557	12061	11855	12282
1919	10255	7472	6089	5464	5206	5145	5188	5118	4999	4586	4265	3990	3755
1920	6487	5870	5508	4985	4893	5269	6030	6487	7077	7214	6868	6349	6153
1921	14670	14220	14340	14695	15550	15975	17037	17258	17540	16818	16617	17625	16612
1922	11577	12915	12786	13520	14444	15650	16463	14915	13022	12475	10466	10142	10280
1923	6042	5198	4530	4716	4888	5297	6345	7213	8065	8744	9037	10502	9524
1924	1935	1858	2013	2026	1969	1634	1948	1302	1610	1463	1260	1293	1160
1925	8253	8046	7281	6584	5910	5445	4939	4668	4456	4555	4763	4857	4997
1926	2718	2626	2718	2576	2514	2497	2566	2340	2403	2135	2055	1939	1807
1927	6947	6653	6693	7545	8288	9452	12595	15620	17584	15675	14750	16150	16294
1928	8985	8113	7355	6921	6982	7153	6716	6596	6177	5503	5541	5158	4911
1929	4839	4708	4073	4456	4007	3865	4717	5046	5665	5839	5492	5378	5359
1930	6967	4563	4552	4368	4000	3929	4232	5477	6346	6985	6399	6619	6288
1931	3335	3636	3543	3254	2910	2647	2580	2501	2502	2161	2134	2028	1619
1932	5747	5425	5100	5332	6021	8061	7489	6278	5952	6154	6787	7159	8423
1933	11448	12048	12091	12508	11191	9955	10361	9261	9038	11474	11156	11117	11423
1934	2235	2292	2075	1917	1903	1614	1694	1788	1897	1628	1676	1636	1635
1935	8859	8727	8204	7712	7596	7983	8495	8603	8779	8648	7399	7437	7305
1936	9965	9828	8690	7783	7050	6627	7284	8334	7421	6245	5807	5408	5523
1937	4446	3857	3969	4140	4323	3737	3532	3159	3329	3796	3510	3291	2979
1938	12041	12283	13053	13791	13719	13699	13906	13723	13000	11393	9451	8936	9236
1939	4184	3820	3378	3153	2996	2798	2702	2364	2324	2327	2259	2226	2131
1940	6577	6623	6228	5771	5412	4936	4592	4410	4362	3753	3865	3782	4243

JUNE

11	12	13	14	15	16	17	18	19	20	21	22	
3430	3430	3760	3590	3760	3590	3430	3120	2970	3120	3270	3590	4
22900	22900	29500	35500	32100	32100	32100	31200	30400	27000	27000	22900	190
4910	5170	5510	5690	6020	6020	5100	4530	3900	3900	3740	3900	45
11600	13900	10200	11300	10500	6020	6020	5850	5850	5680	5680	5680	56
5330	4940	4940	4940	4810	11300	13900	16100	17200	18700	15000	11300	108
					5730	4810	4230	4230	4230	4460	4340	39
4380	4270	3930	3710	3710	3930	4380	4600	4930	5280	5500	5280	483
7290	6840	6510	5950	5280	4380	4160	3940	3940	3740	3550	3550	355
13800	12700	11500	10500	10000	10500	10000	10000	7740	7110	6520	6240	624
9440	8900	8180	8480	8800	10100	10800	10400	10100	8960	8480	8180	758
5010	4920	5090	4930	4460	4000	3990	3650	3110	2930	3120	2990	293
5920	7430	7990	6900	6740	6600	6600	6000	5620	5400	5320	5180	504
9700	9320	9520	8850	8130	7410	6340	5740	5830	6170	7050	7770	7220
6260	7770	8670	8310	4550	5180	8490	7770	6870	5830	5660	4860	4400
9400	8230	8230	8230	11800	13000	12800	12800	12000	11600	9600	9200	8230
5650	5950	5500	5350	5350	5200	5050	4900	4190	4050	4050	3840	3490
12500	14100	15100	14700	15100	15000	14400	13500	14000	13900	13100	12500	12300
13900	13300	14300	13800	12000	10500	9410	8770	8610	8950	9600	9300	8990
8160	7600	7360	7120	6580	6060	5980	5600	5530	5160	4640	4500	4640
4200	4160	4280	4280	4140	4720	5020	5320	5620	5320	5020	4720	4140
3630	3428	3149	2848	2699	2666	2802	2798	2820	2743	2732	2609	2598
10902	10012	9570	10158	11059	12138	13142	14280	15450	13190	10242	8651	7470
12928	10816	9286	7885	8621	10266	11395	13840	14535	14566	13453	12962	11684
12061	11855	12282	12601	11324	9414	7893	7507	7440	7170	6675	6964	6615
4265	3990	3755	3557	3436	3383	3392	3334	3276	3154	3999	2937	2871
6868	6349	6153	6119	6316	6708	6845	6440	5909	5372	5213	5177	5181
16617	17625	16612	15901	13645	11422	8661	7218	7047	7591	7649	8270	8770
10466	10142	10280	11675	16005	12185	11735	11621	11721	11290	11142	10158	8827
9037	10502	9524	7543	5722	7972	5150	4877	5162	5152	5247	6730	6020
1260	1293	1160	1265	1103	1194	1061	1009	944	998	989	984	976
4763	4857	4997	5108	5234	5415	5470	5210	6540	6391	7203	8280	8590
2055	1939	1807	1670	1581	1482	1379	1343	1274	1426	1364	1350	1304
14750	16150	16294	15869	15574	14561	13880	12861	12882	13360	12600	12002	11701
5541	5158	4911	4695	4404	4352	4304	3931	3857	3787	3733	3868	3825
5492	5378	5359	5535	5797	6342	7305	6062	4896	4273	3946	4095	4135
6399	6619	6288	5115	4867	4237	4229	4593	4238	3786	3579	3310	3101
2134	2028	1619	1750	1578	1506	1531	1507	1428	1323	1261	1205	1185
6787	7159	8423	8638	9594	11250	10637	9668	8333	8291	8168	7948	9118
11156	11117	11423	12035	12093	12214	11586	9977	8216	7127	6552	6375	5944
1676	1636	1635	1578	1526	1430	1350	1263	1172	1064	1047	1056	1023
7399	7437	7305	6893	6609	5901	5174	4585	4679	4618	4706	4385	4288
5807	5408	5523	5579	5326	5307	4841	4555	4223	4012	3679	3637	3379
3510	3291	2979	2708	2697	2762	2797	2776	2610	2537	2601	2822	2965
9451	8936	9236	9148	8857	8741	8587	8585	7465	6657	6267	6787	6962
2259	2226	2131	2218	2211	2269	2305	2220	2001	1968	1876	1821	1683
3865	3782	4243	4395	4385	4048	3864	3613	3570	3328	3012	2827	2612

19	20	21	22	23	24	25	26	27	28	29	30
2970	3120	3270	3590	4100	4100	4100	4100	3930	3930	3930	3760
0400	27000	27000	22900	19000	15500	14300	14300	27000	11500	9520	9520
3900	3900	3740	3900	4530	3740	3600	3600	3740	3600	3460	3460
5850	5680	5680	5680	5680	5510	5170	4650	4650	3970	3800	3460
7200	18700	15000	11300	10500	12000	12000	11300	10500	11300	12200	11300
4230	4230	4460	4340	3910	3710	3520	3330	2980	2810	2480	2350
4830	5280	5500	5280	4830	4380	3710	3060	2880	2720	2880	3060
3940	3740	3550	3550	3550	3740	3550	3190	3030	2730	2660	2520
7740	7110	6520	6240	6240	5460	5220	5220	5100	4980	4980	4530
0100	8960	8480	8180	7580	6500	6070	5540	5540	5540	5770	5770
3110	2930	3120	2990	2930	2880	2880	2770	2670	2560	2390	2240
5620	5400	5320	5180	5040	4760	4760	4900	5040	5920	5040	4480
5830	6170	7050	7770	7220	6510	6510	7770	7950	8670	9500	9220
6870	5830	5660	4860	4400	4250	4180	5020	5830	5420	5100	5340
12000	11600	9600	9200	8230	8040	7860	7500	7050	7680	7680	7680
4190	4050	4050	3840	3490	3360	3360	3360	3360	3360	3230	3100
14000	13900	13100	12500	12300	11200	9500	8750	8150	9160	8400	7970
8610	8950	9600	9300	8990	9170	8710	8560	8260	7150	6400	6100
5530	5160	4640	4500	4640	4640	4360	3940	3660	4080	3660	3400
5620	5320	5020	4720	4140	3870	3730	3640	3540	3450	3360	3270
2820	2743	2732	2609	2598	2578	2635	2581	2339	2045	1955	1920
15450	13190	10262	8651	7470	7140	7652	8584	9314	9784	9420	7796
14535	14566	13453	12962	11684	10581	10248	9269	9101	9485	9517	8933
7440	7170	6675	6964	6615	6750	5485	4699	4072	3663	3394	3524
3276	3154	3999	2937	2871	2719	2621	2430	2319	2248	2150	2078
5909	5372	5213	5177	5181	5128	4799	4317	3859	3554	3342	3465
7047	7591	7649	8270	8770	9205	9133	8310	6694	6628	7439	6826
11721	11290	11142	10158	8827	7840	6940	6928	6536	6080	5557	5137
5162	5152	5247	6730	6028	5878	5423	4917	5132	5037	5765	6268
944	998	989	984	976	971	925	979	913	848	844	872
6540	6391	7203	8280	8590	8012	7286	6438	6298	5927	5747	5902
1274	1426	1364	1350	1304	1192	1123	1049	1099	1040	1031	935
12882	13360	12600	12002	11701	11590	11419	11187	13198	9724	8546	7506
3857	3787	3733	3868	3825	3952	4065	4037	4027	3594	3358	3328
4896	4273	3946	4095	4135	4073	3962	3936	4005	3839	3784	3699
4238	3786	3579	3310	3101	2872	2987	2604	2442	2394	2359	2241
1428	1323	1261	1205	1185	1133	1108	1016	898	722	687	742
8333	8291	8168	7948	9118	9447	8649	8662	7123	7040	6545	6073
8216	7127	6552	6375	5944	6374	5249	4887	4988	4345	4269	3797
1172	1064	1047	1056	1023	959	870	839	930	1017	1037	969
4679	4618	4706	4385	4288	4283	3743	3480	3281	3130	3051	3078
4223	4012	3679	3637	3379	3178	3153	2967	2866	2489	2357	2111
2610	2537	2601	2822	2965	2580	2294	2115	1911	1769	1838	1648
7465	6657	6261	6787	6962	6537	6114	6286	6412	6067	5592	5774
2001	1968	1876	1821	1683	1640	1637	1643	1546	1417	1398	1429
3570	3328	3012	2827	2612	2354	2123	2041	1855	1717	1899	1432

	23	24	25	26	27	28	29	30	31	TOTAL
	4100	4100	4100	4100	3930	3930	3930	3760		
	19000	15500	14300	14300	27000	11500	9520	9520		
	4530	3740	3600	3600	3740	3600	3460	3460		
	5680	5510	5170	4650	4650	3970	3800	3460		
	10500	12000	12000	11300	10500	11300	12200	11300		
	3910	3710	3520	3330	2980	2810	2480	2350		
	4830	4380	3710	3060	2880	2720	2880	3060		
	3550	3740	3550	3190	3030	2730	2660	2520		
	6240	5460	5220	5220	5100	4980	4980	4530		
	7580	6500	6010	5540	5540	5540	5770	5770		
	2930	2880	2880	2770	2670	2560	2390	2240		
	5040	4760	4760	4900	5040	5920	5040	4480		
	7220	6510	6510	7770	7950	8670	9500	9220		
	4400	4250	4180	5020	5830	5420	5100	5340		
	8230	8040	7860	7500	7050	7680	7680	7680		
	3490	3360	3360	3360	3360	3360	3230	3100		
	12300	11200	9500	8750	8150	9160	8400	7970		
	8990	9170	8710	8560	8260	7150	6400	6100		
	4640	4640	4360	3940	3660	4080	3660	3400		
	4140	3870	3730	3640	3540	3450	3360	3270		
	2598	2578	2635	2581	2339	2045	1955	1920		
	7470	7140	7652	8584	9314	9784	9420	7796		
	11684	10581	10248	9269	9101	9485	9517	8933		
	6615	6750	5485	4699	4072	3663	3394	3524		
	2871	2719	2621	2430	2319	2248	2150	2078		
	5181	5128	4799	4317	3859	3554	3342	3465		
	8770	9205	9133	8310	6694	6628	7439	6826		
	8827	7840	6940	6928	6536	6080	5557	5137		
	6028	5878	5423	4917	5132	5037	5765	6268		
	976	971	925	979	913	848	844	872		
	8590	8012	7286	6438	6298	5927	5747	5902		
	1304	1192	1123	1049	1099	1040	1031	935		
	11701	11590	11419	11187	13198	9724	8546	7506		
	3825	3952	4065	4037	4027	3594	3358	3328		152,828
	4735	4073	3962	3936	4005	3839	3784	3699		142,948
	3101	2872	2987	2604	2442	2394	2359	2241		128,691
	1185	1133	1108	1016	890	722	687	742		55,431
	9118	9447	8649	8662	7123	7040	6545	6073		229,112
	5944	6374	5249	4887	4988	4345	4269	3797		269,099
	1023	959	870	839	930	1017	1037	969		43,120
	4288	4283	3743	3480	3281	3130	3051	3078		181,631
	3379	3178	3153	2967	2866	2489	2357	2111		159,642
	2965	2580	2294	2115	1911	1769	1838	1648		89,498
	6962	6537	6114	6286	6412	6067	5592	5774		279,069
	1683	1640	1637	1643	1546	1417	1398	1429		67,944
	2612	2354	2123	2041	1855	1717	1899	1432		113,629

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	3590	3430	3430	3430	3120	3120	3430	3430	3270	3270	3120	3120	3120
1896	9080	11500	12500	12500	11500	11000	10500	9980	9080	8660	8260	8260	7500
1897	3460	4080	3600	3260	3260	3070	2880	2810	2420	2290	2360	2350	2200
1898	3290	3120	2600	2600	2430	2600	2430	2430	2600	2600	2430	2600	2200
1899	11300	10200	10200	9800	8690	7960	7780	8320	7780	7600	7300	7000	6700
1900	2180	2040	1980	1910	1680	1620	1570	1460	1460	1520	1520	1520	1460
1901	2880	2880	2880	2800	2430	2300	2300	2300	2180	2180	2070	1970	1970
1902	2280	2400	2340	2660	2220	2110	2000	1900	1900	1950	1950	2000	2060
1903	4310	3900	3520	3080	2990	3020	2990	2830	2610	2400	2400	2260	2400
1904	5770	5540	5540	5540	4680	4680	4680	4680	4680	4090	3720	3370	3210
1905	2150	2150	2060	1970	1870	1790	1710	1630	1550	1470	1430	1350	1270
1906	4130	4270	4480	4550	4340	4200	4060	3860	3670	3420	3240	3180	2950
1907	8940	8670	8850	9220	8940	7770	6000	6260	6990	6870	6510	6260	6260
1908	5580	5660	5740	4400	5500	4940	4400	4400	4320	4100	3960	3560	3430
1909	7680	7500	7500	6780	6260	6010	5770	5470	5170	3910	3720	3650	3470
1910	2970	2780	2660	2600	2720	2360	2250	2140	2140	2030	1980	1880	1830
1911	7230	6360	6100	6300	6350	6240	6280	5720	4880	4370	3950	3820	3680
1912	5500	5050	4610	4050	3910	3770	3630	3490	3230	3100	2970	2970	2840
1913	3530	3400	3270	3400	3140	3140	3140	3020	2770	2650	2420	2200	2100
1914	3180	3030	2890	2760	3770	2960	2710	2470	2280	2200	2340	2160	1980
1915	1899	1843	1780	1767	1672	1872	1894	2065	1762	2001	1666	1582	1539
1916	7236	8410	8074	6851	6408	7015	7302	7394	7511	6736	6069	5816	5584
1917	8343	8083	7952	8089	7896	7188	7099	6683	6293	5838	5125	4666	4380
1918	3181	2916	2773	2605	2470	2176	2197	2210	2055	1968	1934	2086	1858
1919	1934	1869	1728	1626	1537	1460	1448	1411	1384	1334	1272	1218	1122
1920	3529	3574	3425	3139	2987	2825	2654	2470	2315	2167	2047	1998	1990
1921	5928	5285	4216	4406	3896	3750	3922	3772	3731	3650	3313	3645	2956
1922	4597	4132	4014	3657	3499	3258	3454	3009	2946	2656	2512	2506	2385
1923	6345	6011	5031	5109	4710	4275	4065	3834	3931	3472	3246	3702	3204
1924	789	695	686	684	675	629	650	615	615	563	554	590	587
1925	5650	4866	4388	4062	3889	3613	3299	2852	3004	2639	2536	2674	2361
1926	944	927	880	861	826	812	800	780	824	829	841	774	739
1927	7214	6826	6685	6340	5880	4949	5104	5014	4905	4723	4366	4377	4170
1928	2922	3023	2928	2683	2796	2729	2403	2519	2309	2102	2098	2084	1974
1929	3459	3250	2814	2599	2363	2282	2149	2042	1917	1860	1793	1686	1602
1930	2096	1895	1887	1913	1846	1799	1709	1599	1490	1414	1403	1429	1356
1931	730	780	726	704	655	637	634	635	632	631	646	645	618
1932	5403	5232	4606	3919	3729	3321	2775	2850	2956	2703	2467	2595	2242
1933	3548	2842	2789	2615	2584	2423	2312	2142	2093	2005	1803	1648	1548
1934	914	878	858	823	780	765	728	737	714	675	684	639	558
1935	2696	2493	2479	2280	2287	2144	2301	2041	1898	1746	1630	1669	1715
1936	2004	1849	1680	1686	1614	1638	1552	1528	1379	1493	1522	1550	1544
1937	1701	1497	1437	1252	1358	1258	1244	1248	1218	1200	1109	1039	964
1938	6644	5707	5906	5470	5398	5031	4585	4216	3980	3947	3606	3538	3017
1939	1347	1354	1301	1285	1388	1464	1389	1329	1264	1131	1072	1056	1033
1940	1470	1571	1481	1482	1526	1422	1394	1353	1196	1165	1149	1096	1062

JULY

11	12	13	14	15	16	17	18	19	20	21	22	23
3120	3120	3120	3120	3120	3120	2830	1870	1870	1770	1680	1680	1510
3260	3260	7510	7150	6490	5910	4890	4470	4100	3120	2560	1870	2560
2360	2350	2290	2290	2290	2160	2160	2290	2160	1900	1840	1640	1980
2430	2600	2260	2260	2090	1920	1750	1660	1580	1490	1400	1320	1230
7300	7000	6700	6120	5580	5060	4820	4580	4480	4160	4160	3760	3560
1520	1520	1460	1410	1270	1270	1230	1190	1160	1100	1080	1080	1050
2070	1970	1970	1870	1780	1780	1690	1640	1600	1600	1540	1510	1560
1950	2000	2060	1950	1900	1850	1800	1700	1700	1610	1520	1350	1190
2400	2260	2400	2330	2260	2400	2470	2400	2010	1950	2010	2130	2010
3720	3370	3210	3050	2900	2670	2500	2500	2440	2380	2380	2380	2440
1430	1350	1270	1210	1170	1140	1070	1030	1010	990	970	950	930
3240	3180	2950	2780	2510	2350	2200	2060	1950	1780	1660	1590	1660
6510	6260	6260	5420	5100	4700	4480	4250	4250	4320	4100	3950	3810
3960	3560	3430	3690	3960	3070	2470	2420	2320	2170	2120	2030	2030
3720	3650	3410	3170	3050	2930	2810	2590	2540	2370	2200	2150	2050
1980	1880	1830	1780	1730	1680	1380	1550	1550	1420	1420	1420	1340
3250	3020	3680	3540	3540	3480	3280	3150	2960	2710	2590	2420	2300
2970	2970	2840	2840	2720	2600	2480	2480	2480	2250	2250	2050	2030
2420	2200	2100	1990	1890	1800	1710	1710	1620	1710	1620	1620	1620
2340	2160	1980	2010	1840	1780	1710	1620	1540	1550	1810	1630	1470
1660	1582	1539	1570	1370	1162	1228	1197	1111	1102	1041	1007	960
6069	5816	5584	5211	4830	4471	4661	4001	3584	3258	3110	2894	2704
5125	4666	4300	3940	3492	3222	3052	2971	2744	2579	2380	2210	2055
1934	2086	1858	1735	1698	1819	1718	1480	1719	1651	1566	1585	1272
1272	1218	1122	1094	1119	1087	1047	940	914	863	888	835	770
2047	1998	1990	1889	1752	1589	1537	1431	1424	1360	1333	1270	1243
3313	3645	2956	2907	2538	2670	2392	2293	2277	2086	1840	2042	1872
2512	2506	2385	2241	2007	2334	1919	1936	1861	1838	1891	1776	1739
3246	3702	3204	3249	3091	2602	2790	2609	2362	2191	2148	2125	1893
554	590	587	580	561	540	523	522	531	544	544	544	544
2536	2674	2361	2203	2092	2054	1884	1917	1803	1793	1619	1755	2095
841	774	739	672	681	646	689	638	639	600	542	497	494
4366	4377	4170	3847	3643	3553	3168	3209	2923	2887	2756	2365	2375
2098	2084	1974	1920	1875	1856	1845	1733	1627	1567	1475	1455	1421
1798	1686	1602	1480	1415	1354	1355	1252	1221	1092	1078	1060	981
1403	1429	1356	1335	1261	1219	1199	1139	1084	987	965	989	950
646	645	618	603	595	598	576	555	552	516	496	455	450
2467	2595	2242	2710	2887	2349	1977	2035	1902	2203	1820	1761	1717
1803	1648	1548	1427	1415	1299	1253	1270	1209	1113	1059	1017	1018
684	639	558	528	513	554	560	552	563	524	512	463	496
1630	1669	1715	1652	1548	1480	1436	1378	1245	1214	1149	1144	1103
1522	1550	1544	1481	1344	1263	1224	1216	1173	1144	1092	1113	1103
1109	1039	964	897	849	863	855	923	858	861	801	781	779
3606	3538	3017	3060	2911	2940	2934	2684	2491	2264	2223	2109	1931
1072	1056	1033	973	946	909	869	854	831	793	772	770	771
1149	1096	1062	1020	968	944	876	871	845	836	826	812	772

19	20	21	22	23	24	25	26	27	28	29	30	31
870	1770	1680	1680	1510	1430	1350	1350	1350	1280	1350	1350	1280
100	3120	2560	1870	2560	3120	3120	2310	2080	1870	2310	2310	2190
160	1900	1840	1640	1980	1840	1770	1640	1640	1580	1510	1380	1440
580	1490	1400	1320	1230	1150	1060	978	892	892	892	978	892
480	4160	4160	3760	3560	2980	2980	2780	2580	2580	2390	2490	2390
160	1100	1080	1080	1050	1050	1120	1120	1050	1050	990	978	960
600	1600	1540	1510	1560	1600	1560	1510	1350	1200	1130	1080	1060
700	1610	1520	1350	1190	1190	1190	1126	1120	1120	1120	1120	1040
1010	1950	2010	2130	2010	1900	1900	1780	1780	1570	1470	1380	1330
440	2380	2380	2380	2440	2260	2140	1920	1810	1810	1810	1700	1600
1010	990	970	950	930	880	860	840	820	820	810	780	750
1950	1780	1660	1590	1660	1740	1410	1370	1310	1300	1260	1240	1200
4250	4320	4100	3950	3810	3600	3460	3270	3200	3340	3270	3020	2840
2320	2170	2120	2030	2030	1850	1810	1690	1580	1540	1470	1440	1330
2540	2370	2200	2150	2050	1970	1870	1820	1970	2080	1820	1680	1500
1550	1420	1420	1420	1340	1300	1260	1230	1160	1160	1130	1100	1070
2960	2710	2590	2420	2500	2190	2080	2020	1970	1860	1760	1720	1670
2480	2250	2250	2030	2030	1830	1830	1640	1640	1550	1460	1430	1930
1620	1710	1620	1620	1620	2310	3940	3800	3400	3140	2650	2420	2200
1540	1550	1810	1630	1470	1470	1395	1320	1250	1250	1270	1210	1210
1111	1102	1041	1007	960	929	892	871	870	845	831	813	849
3584	3258	3110	2894	2704	2591	2465	2424	2274	2162	2050	1944	1869
2744	2579	2380	2210	2055	2047	1881	1789	1743	1716	1640	1574	1514
1719	1651	1566	1585	1272	1111	1283	1265	1192	1118	1054	1241	1327
914	863	888	835	770	762	747	746	729	747	741	743	753
1424	1360	1333	1270	1243	1180	1119	1109	1116	1140	1042	1046	962
2277	2086	1840	2042	1872	1694	1812	1677	1600	1436	1345	1389	1354
1861	1838	1891	1776	1739	1662	1599	1575	1450	1421	1442	1370	1347
2362	2191	2148	2125	1893	1950	2277	1986	1790	1772	1538	1484	1462
531	544	544	544	544	544	544	520	500	470	450	430	425
1803	1793	1619	1735	2095	1675	1532	1380	1410	1433	1233	1350	1258
639	600	542	497	494	493	485	465	459	442	429	429	429
2923	2887	2756	2365	2375	2078	2232	1979	2061	1834	1808	1930	1649
1627	1567	1479	1455	1421	1390	1300	1244	1243	1236	1222	1223	1144
1221	1092	1078	1060	981	987	949	923	875	845	846	811	804
1084	987	965	989	950	928	888	841	855	823	822	774	722
552	516	496	455	450	435	423	418	405	406	389	384	406
1902	2203	1820	1761	1717	1618	1507	1404	1412	1324	1328	1243	1152
1209	1113	1059	1017	1018	996	985	945	913	888	886	881	879
563	524	512	463	496	478	461	440	421	413	427	427	441
1245	1214	1149	1144	1103	1073	1021	993	1015	988	960	943	946
1173	1144	1092	1113	1103	1098	1100	1076	1068	1062	966	880	837
858	861	801	781	779	732	729	710	705	683	640	622	597
2491	2264	2223	2109	1931	1925	1773	1805	1736	1646	1725	1697	1484
831	793	772	770	771	795	778	690	669	648	670	659	630
845	836	826	812	772	786	752	792	729	731	757	790	760

Chart 2F

22	23	24	25	26	27	28	29	30	31	TOTAL
1680	1510	1430	1350	1350	1350	1280	1350	1350	1280	
1870	2560	3120	3120	2310	2080	1870	2310	2310	2190	
1640	1980	1840	1770	1640	1640	1580	1510	1380	1440	
1320	1230	1150	1060	978	892	892	892	978	892	
3760	3560	2980	2980	2780	2580	2580	2390	2490	2390	
1080	1050	1050	1120	1120	1050	1050	990	978	960	
1510	1560	1600	1560	1510	1350	1200	1130	1080	1060	
1350	1190	1190	1190	1126	1120	1220	1120	1120	1040	
2130	2010	1900	1900	1780	1780	1570	1470	1380	1330	
2380	2440	2260	2140	1920	1810	1810	1810	1700	1600	
950	930	880	860	840	820	820	810	780	750	
1590	1660	1740	1410	1370	1310	1300	1260	1240	1200	
3950	3810	3600	3460	3270	3200	3340	3270	3020	2840	
2030	2030	1850	1810	1690	1580	1540	1470	1440	1330	
2150	2050	1970	1870	1820	1970	2080	1820	1680	1500	
1420	1340	1300	1260	1230	1160	1160	1130	1100	1070	
2420	2300	2190	2080	2020	1970	1860	1760	1720	1670	
2030	2030	1830	1830	1640	1640	1550	1460	1430	1930	
1620	1620	2310	3940	3800	3400	3140	2650	2420	2200	
1630	1470	1470	1395	1320	1250	1250	1270	1210	1210	
1007	960	929	892	871	870	845	831	813	849	
2894	2704	2591	2465	2424	2274	2162	2050	1944	1869	
2210	2055	2047	1881	1789	1743	1716	1640	1574	1514	
1585	1272	1111	1283	1265	1192	1118	1054	1241	1327	
855	770	762	747	746	729	747	741	743	753	
1270	1243	1180	1119	1209	1116	1140	1042	1046	962	
2042	1872	1694	1812	1677	1600	1436	1345	1389	1354	
1776	1739	1662	1599	1575	1450	1421	1442	1370	1347	
2125	1893	1950	2277	1986	1790	1772	1538	1484	1462	
544	544	544	544	520	500	470	450	430	425	
1755	2095	1675	1532	1380	1410	1433	1233	1350	1258	
497	494	493	485	465	459	442	429	429	429	
2365	2375	2078	2232	1979	2061	1834	1808	1930	1649	
1455	1421	1390	1300	1244	1243	1236	1222	1223	1144	
1060	981	987	949	923	875	845	846	811	804	
989	950	928	888	841	855	823	822	774	722	48,144
455	450	435	423	418	405	406	389	384	406	17,335
1761	1717	1618	1507	1404	1412	1324	1320	1243	1152	77,149
1017	1018	996	985	945	913	888	886	881	879	49,805
463	496	478	461	440	421	413	427	427	441	18,626
1144	1103	1073	1021	993	1015	988	960	943	946	48,667
1113	1103	1098	1100	1076	1068	1062	966	880	837	41,279
781	779	732	729	710	705	683	640	622	597	30,410
2109	1931	1925	1773	1805	1736	1646	1725	1697	1484	100,383
770	771	795	778	690	669	648	670	659	630	30,446
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	1540	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	939	897	840	791	762	748	747	729	707	693	679	679
1916	1807	1734	1667	1620	1568	1512	1463	1423	1391	1368	1322	1294
1917	1464	1400	1363	1371	1302	1273	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	1267	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

11	12	13	14	15	16	17	18	19	20	21	22	
1070	1070	1070	1070	1070	1010	1010	950	950	950	950	890	8
1510	1350	1280	1210	1210	1210	1210	1070	1070	1010	1010	950	101
1180	1180	1120	1120	1120	1060	990	990	925	925	860	795	86
892	806	806	806	721	721	550	550	721	721	721	721	55
1940	1940	1760	1700	1700	1700	1700	1580	1520	1580	1700	1820	182
822	855	870	880	845	830	845	830	822	830	822	822	85
800	830	818	830	800	830	818	800	800	818	830	830	800
635	830	865	879	886	865	830	830	830	795	795	774	760
828	828	790	790	790	768	828	752	752	715	715	715	715
1160	1120	1120	1120	1100	1070	1100	1070	1100	1070	1160	1160	1160
650	650	650	625	625	625	625	625	625	600	600	580	580
780	750	810	840	810	750	750	725	675	700	700	750	845
1720	1640	1600	1520	1480	1440	1400	1360	1320	1320	1280	1210	1280
990	1050	930	960	1220	1050	1080	990	990	960	990	990	1020
1110	1070	1030	1000	960	930	950	920	920	950	850	820	790
915	890	890	890	890	890	890	890	870	850	830	850	830
1260	1260	1200	1200	1160	1130	1130	1100	1100	1100	1070	1070	1070
1300	1300	1300	1250	1230	1230	1160	1160	1160	1160	1160	1100	1040
1460	1380	1380	1310	1310	1310	1230	1160	1160	1160	1160	1020	1020
1000	1000	937	937	937	873	873	873	873	873	873	812	812
679	679	651	640	636	640	618	577	582	588	582	578	579
1322	1294	1264	1239	1207	1198	1251	1277	1390	1287	1234	1187	1138
1066	1035	1008	997	971	969	1010	1093	1076	1007	967	925	905
916	830	814	895	875	964	1064	1021	981	893	820	700	809
613	628	670	667	624	621	585	593	563	556	546	537	543
693	645	621	578	553	571	579	595	558	526	480	504	553
1267	1328	1109	1069	1074	996	975	998	928	802	906	762	879
1129	1074	1003	980	989	926	961	943	987	935	910	883	862
1221	1182	1091	1055	854	1103	1030	898	829	1027	1612	1212	1070
384	392	386	366	376	376	370	370	370	413	461	431	415
951	982	1177	1208	1278	1096	1073	974	1004	1023	908	901	817
511	509	516	509	496	479	465	460	528	642	674	644	570
1180	1166	1197	1234	1336	1420	1381	1326	1278	1217	1165	1068	1055
885	796	793	773	784	782	768	740	744	751	727	739	694
632	638	601	564	522	501	479	446	488	503	506	532	517
819	925	922	929	893	904	802	771	745	733	730	700	597
355	355	360	360	360	360	360	360	360	360	360	360	349
918	905	898	835	846	827	778	769	719	683	621	626	656
698	670	606	576	566	577	602	583	576	539	517	490	523
315	352	367	385	393	380	380	372	356	357	356	343	342
655	627	594	568	568	561	553	511	520	579	581	571	543
669	758	811	855	910	878	768	706	630	570	593	593	595
468	460	437	385	365	350	346	359	383	375	358	350	333
1112	1122	1086	1056	1065	1086	1091	1065	1041	1011	1010	1046	1044
479	493	499	502	493	466	416	380	394	364	353	365	378
476	509	468	470	498	461	454	433	416	415	443	457	424

19	20	21	22	23	24	25	26	27	28	29	30
950	950	950	890	890	890	890	890	890	950	890	890
1070	1010	1010	950	1010	1010	950	1010	950	1010	1010	1070
925	925	860	795	860	860	860	990	990	990	990	990
721	721	721	721	550	550	550	550	550	550	550	636
1520	1580	1700	1820	1820	1700	1580	1460	1400	1220	1220	1100
822	830	822	822	855	880	905	870	855	855	822	830
800	818	830	830	800	800	740	770	740	788	770	800
830	795	795	774	760	760	750	728	728	728	695	695
752	715	715	715	715	715	715	752	790	865	905	828
1100	1070	1160	1160	1160	840	840	750	682	682	682	930
625	600	600	580	580	580	580	580	580	580	560	560
675	700	700	750	845	920	880	780	780	725	780	780
1320	1320	1280	1210	1280	1320	1400	1400	1400	1400	1320	1240
990	960	990	990	1020	990	900	900	870	870	870	870
920	950	850	820	790	790	820	760	730	705	780	910
870	850	830	850	830	830	830	830	850	830	850	830
1100	1100	1070	1070	1070	1070	1040	1040	1020	1020	1020	1020
1160	1160	1160	1100	1040	1040	1040	1040	1040	1040	990	990
1160	1160	1160	1020	1020	1020	1020	1020	1020	1020	1020	956
873	873	873	812	812	806	800	794	788	782	776	776
582	588	582	578	579	598	620	595	551	569	534	536
1390	1287	1234	1187	1138	1081	1055	1021	1002	1000	983	1052
1076	1007	967	925	905	881	849	831	874	862	827	809
981	893	820	700	809	925	848	850	807	817	879	930
563	556	546	537	543	522	494	492	482	484	490	502
558	526	480	504	553	624	620	592	604	632	657	670
928	802	906	762	879	619	748	831	780	747	551	687
987	935	910	883	862	827	804	825	846	836	854	867
829	1027	1612	1212	1070	1135	684	1051	892	884	815	779
370	413	461	431	415	401	387	374	365	361	386	381
1004	1023	908	901	817	802	874	754	750	664	821	735
528	642	674	644	570	514	503	498	494	483	459	470
1278	1217	1165	1068	1055	980	965	908	918	903	855	844
744	751	727	739	694	674	671	614	634	623	639	648
488	503	506	532	517	511	496	486	515	524	538	556
745	733	730	700	597	567	546	517	498	519	536	566
360	360	360	360	349	349	347	345	340	353	353	347
719	683	621	626	656	700	718	687	675	675	719	784
576	539	517	490	523	540	553	545	585	625	636	605
356	357	356	343	342	350	350	350	357	350	350	360
590	579	581	571	543	508	486	483	478	494	515	520
630	570	593	593	595	604	605	603	605	592	572	547
383	375	358	350	333	336	337	344	375	425	408	426
1041	1011	1010	1046	1044	1048	1036	1039	1005	984	952	947
394	364	353	365	378	370	378	381	385	387	399	431
416	415	443	457	424	456	438	466	450	443	442	430

	23	24	25	26	27	28	29	30	31	TOTAL
	890	890	890	890	890	950	890	890	890	
	1010	1010	950	1010	950	1010	1010	1070	1210	
	860	860	860	990	990	990	990	990	860	
	550	550	550	550	550	550	550	636	550	
	1820	1700	1580	1460	1400	1220	1220	1100	1100	
	855	880	905	870	855	855	822	830	830	
	800	800	740	770	740	788	770	800	770	
	760	760	750	728	728	728	695	695	708	
	715	715	715	752	790	865	905	828	790	
	1160	840	840	750	682	682	682	930	930	
	580	580	580	580	580	580	560	560	560	
	845	920	880	780	780	725	780	780	750	
	1280	1320	1400	1400	1400	1400	1320	1240	1210	
	1020	990	900	900	870	870	870	870	870	
	790	790	820	760	730	705	780	910	850	
	830	830	830	830	850	830	850	830	850	
	1070	1070	1040	1040	1020	1020	1020	1020	993	
	1040	1040	1040	1040	1040	1040	990	990	990	
	1020	1020	1020	1020	1020	1020	1020	956	956	
	812	806	800	794	788	782	776	776	776	
	579	598	620	595	551	569	534	536	538	
7	1138	1081	1055	1021	1002	1000	983	1052	1016	
5	905	881	849	831	874	862	827	809	790	
0	809	925	848	850	807	817	879	930	784	
7	543	522	494	492	482	484	490	502	503	
4	553	624	620	592	604	632	657	670	639	
2	879	619	748	831	780	747	551	687	683	
3	862	827	804	825	846	836	854	867	887	
2	1070	1135	684	1051	892	884	815	779	821	
1	415	401	387	374	365	361	386	381	381	
1	817	802	874	754	750	664	821	735	755	
4	570	514	503	498	494	483	459	470	488	
58	1055	980	965	908	918	903	855	844	856	
59	694	674	671	614	634	623	639	648	645	
32	517	511	496	486	515	524	538	556	587	18,411
00	597	567	546	517	498	519	536	566	564	21,628
60	349	349	347	345	340	353	353	347	340	11,578
26	656	700	718	687	675	675	719	784	814	26,106
90	523	540	553	545	585	625	636	605	617	20,141
343	342	350	350	350	357	350	350	360	383	11,311
511	543	508	486	483	478	494	515	520	527	19,511
593	595	604	605	603	605	592	592	547	576	21,636
350	333	336	337	344	375	425	408	426	427	12,998
046	1044	1048	1036	1039	1005	984	952	947	898	35,079
365	378	370	378	381	385	387	399	431	424	14,320
457	424	456	438	466	450	443	442	430	438	15,740

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	830	830	830	890	890	890	890	890	890	950	1070	1070	1070
1896	1210	1210	1070	1010	950	950	950	890	890	890	950	950	890
1897	860	990	990	990	1120	1120	1120	990	990	1120	1120	1120	1250
1898	550	550	636	636	636	636	636	636	636	721	721	721	721
1899	1340	1340	1340	1340	1280	1220	1220	1220	1220	1220	1220	1100	1100
1900	810	810	802	810	930	990	905	855	855	870	905	822	822
1901	770	770	770	830	830	800	800	800	800	770	770	770	740
1902	728	728	695	695	665	665	653	635	635	665	695	665	635
1903	828	752	715	715	715	715	715	715	715	715	715	828	945
1904	840	622	622	622	622	622	280	280	280	280	840	840	840
1905	560	560	560	560	560	560	560	560	560	560	560	560	560
1906	750	750	780	725	700	700	675	675	675	675	675	675	780
1907	1210	1240	1240	1280	1210	1240	1180	1100	1070	1040	1070	1100	1070
1908	870	840	810	810	782	810	840	990	930	870	900	930	900
1909	1020	1170	1250	750	1050	1170	1170	1090	1010	940	970	970	1000
1910	830	850	850	850	830	850	830	830	810	810	780	780	780
1911	993	969	969	969	993	1020	1070	1070	1070	1020	993	993	969
1912	1040	1100	1040	1230	1300	1160	1160	1160	1160	1100	1040	1160	1160
1913	956	892	956	956	892	892	892	892	956	1160	1020	956	892
1914	718	817	718	718	718	718	718	718	718	718	718	718	836
1915	678	868	753	675	660	653	646	619	624	627	632	609	679
1916	976	944	940	969	962	944	933	916	929	1025	1006	988	957
1917	781	766	783	754	741	731	725	713	698	683	694	701	705
1918	752	718	858	725	659	520	623	619	655	878	1037	1044	856
1919	502	493	503	511	511	500	504	524	542	546	523	495	470
1920	684	653	657	590	517	473	464	519	544	555	565	588	528
1921	756	718	733	730	774	842	721	686	726	680	693	632	749
1922	940	969	947	927	905	865	845	823	807	801	797	793	767
1923	832	859	770	817	766	797	714	631	716	685	679	628	753
1924	386	381	381	390	377	395	390	391	385	394	395	380	386
1925	743	736	669	658	544	686	825	1055	950	903	805	796	916
1926	518	524	515	497	491	475	476	466	469	463	456	449	451
1927	885	890	867	878	889	835	813	755	785	817	830	971	1010
1928	672	642	652	626	593	621	615	626	659	657	676	691	761
1929	594	584	554	520	519	524	526	526	541	587	566	557	545
1930	551	549	533	533	500	500	500	500	541	557	549	622	679
1931	342	342	342	332	331	353	322	322	335	340	365	365	379
1932	828	840	815	803	777	719	693	673	655	681	668	723	760
1933	675	672	630	580	570	565	584	569	578	557	589	574	553
1934	424	442	427	408	374	363	370	376	383	380	377	399	405
1935	498	482	456	482	513	543	559	524	519	515	505	496	485
1936	602	629	671	681	734	842	879	878	830	724	675	658	638
1937	447	468	450	430	431	411	445	468	436	417	420	391	402
1938	582	901	572	886	855	821	819	809	837	831	835	807	796
1939	433	435	437	436	447	456	462	470	477	476	482	476	511
1940	408	423	439	469	796	651	674	625	642	648	603	576	562

SEPTEMBER

13	14	15	16	17	18	19	20	21	22	23	24	25
1070	1070	1140	1140	1070	1010	950	1010	950	950	950	950	1010
890	950	950	950	890	890	830	890	890	830	890	1010	1010
1250	1250	1120	1120	1120	990	990	990	1120	1120	1120	1120	1120
721	721	721	721	721	636	550	550	550	550	721	636	721
1100	1100	1220	1280	1160	1100	1100	1100	1100	1050	1050	1050	1050
822	870	930	810	822	830	870	855	845	830	845	830	830
740	770	770	800	770	800	770	770	830	860	920	990	990
635	665	695	665	635	665	695	695	695	695	695	695	695
945	945	945	905	828	790	715	715	715	752	730	715	715
840	840	840	840	840	750	795	750	840	750	840	840	840
560	560	560	560	560	580	580	580	580	580	580	580	580
780	810	750	725	700	700	675	675	650	625	625	625	625
1070	1040	1040	1000	1000	965	1000	965	930	965	930	930	930
900	870	840	930	990	1260	1120	1020	990	960	930	930	930
1000	910	870	840	840	840	840	840	780	790	850	850	880
780	810	965	1100	1380	1230	1230	1100	1040	990	940	940	965
969	969	947	947	969	969	969	993	993	993	993	993	993
1160	1160	1100	1100	1100	1160	1160	1100	1040	1040	1040	1040	1040
892	892	830	830	830	892	892	886	880	873	1000	867	867
836	836	1030	1170	1100	1100	1100	1030	1100	1030	963	963	963
679	632	656	665	618	630	631	607	607	597	594	596	592
957	925	917	905	880	855	843	843	856	831	821	814	814
705	765	772	736	715	699	679	667	647	655	720	951	829
856	912	900	1008	927	948	936	1527	817	791	822	884	894
470	464	491	523	591	736	797	739	712	506	624	616	619
528	570	620	725	708	673	749	638	630	630	648	733	801
749	867	947	767	717	751	859	883	1037	1108	1031	901	933
767	756	735	715	715	715	745	785	756	756	756	783	762
753	645	701	697	652	598	640	638	645	639	652	670	581
386	392	399	388	388	387	402	434	455	569	459	454	463
916	769	832	856	833	770	731	768	877	874	747	823	771
451	460	461	460	526	521	485	505	598	499	499	499	509
1010	1045	1046	1015	1046	976	979	884	886	866	869	895	877
761	799	816	815	775	726	690	692	690	691	689	694	684
545	506	481	477	477	477	477	494	493	513	518	555	570
679	707	730	662	595	578	549	543	526	512	521	563	617
579	580	384	380	376	371	379	437	463	442	430	502	574
760	760	767	685	711	657	625	625	619	648	647	645	651
553	547	517	555	570	598	589	595	564	551	546	557	577
405	398	436	444	467	377	378	316	314	378	384	445	462
485	484	476	485	495	503	497	493	500	500	490	490	507
638	626	628	622	648	644	647	645	654	662	713	720	721
402	402	410	405	420	428	417	425	431	443	443	444	450
796	759	791	765	754	767	723	726	706	711	707	715	684
511	647	627	597	626	620	582	550	584	579	550	550	530
562	784	696	694	659	647	680	820	851	725	749	713	648

20	21	22	23	24	25	26	27	28	29	30	31	
1010	950	950	950	950	1010	1010	950	950	950	950		
890	890	830	890	1010	1070	1040	1010	1010	950	890		
990	1120	1120	1120	1120	1120	860	860	860	860	860		
550	550	550	721	636	721	636	636	636	721	721		
1100	1100	1050	1050	1050	1050	986	986	986	986	986		
855	845	850	845	830	855	870	888	880	870	880		
770	830	860	920	990	990	976	976	890	890	860		
695	695	695	695	695	695	695	695	695	695	728		
715	715	752	730	715	715	715	715	828	828	828		
750	840	750	840	840	840	840	930	930	930	930		
580	580	580	580	580	600	600	625	625	650	650		
675	650	625	625	625	625	625	625	625	625	625		
965	930	965	930	930	900	900	810	870	870	870		
1020	990	960	930	930	930	960	990	930	930	900		
840	780	790	850	850	880	850	850	920	1070	1230		
1100	1040	990	940	940	965	965	965	965	965	965		
993	993	993	993	993	993	993	993	993	993	1020		
1100	1040	1040	1040	1040	1040	1040	1040	1040	1040	990		
886	880	873	1000	867	867	918	855	849	842	836		
1030	1100	1030	963	963	963	898	898	898	898	898		
607	607	597	594	596	592	600	839	772	708	689		
843	856	831	821	814	814	814	820	808	809	819		
667	647	655	720	951	829	773	739	719	690	744		
1527	817	791	822	834	834	911	889	841	825	835		
739	712	506	624	616	619	614	609	599	592	586		
638	630	630	648	733	901	851	841	829	815	824		
883	1037	1108	1031	901	933	942	934	855	885	856		
785	756	756	756	783	762	762	849	752	769	790		
638	645	639	652	670	581	691	875	925	843	735		
434	455	568	458	454	463	531	521	517	502	495		
768	877	874	747	823	771	833	744	811	766	662		
505	598	499	499	499	509	502	521	521	510	520		
864	886	866	869	895	877	962	946	1011	1094	1296		
692	690	681	689	684	684	684	684	684	684	684		
484	493	513	518	533	570	562	652	602	629	630		16,5
543	526	512	521	563	617	640	643	627	626	627		17,5
437	463	442	430	502	574	535	503	488	470	460		12,0
625	619	648	647	645	651	640	634	660	644	630		20,5
585	564	551	546	597	577	611	667	698	694	666		17,5
378	374	378	384	445	462	469	484	493	500	490		12,4
497	500	500	490	490	507	507	507	495	510	510		15,5
647	645	654	713	720	721	649	610	615	606	617		20,0
425	431	443	443	444	450	452	452	447	445	449		12,5
723	706	711	707	715	684	686	687	687	710	733		23,5
582	584	579	550	550	530	519	509	481	444	471		15,5
680	851	725	749	713	648	656	579	616	669	791		19,5

22	23	24	25	26	27	28	29	30	31	TOTAL
950	950	950	1010	1010	950	950	950	950		
830	890	1010	1070	1040	1010	1010	950	890		
1120	1120	1120	1120	860	860	860	860	860		
550	721	636	721	636	636	636	721	721		
1050	1050	1050	1050	986	986	986	986	986		
830	845	830	855	870	888	880	870	880		
860	920	990	990	976	976	890	890	860		
695	695	695	695	695	695	695	695	728		
752	730	715	715	715	715	828	828	828		
750	840	840	840	840	930	930	930	930		
580	580	580	600	600	625	625	650	650		
625	625	625	625	625	625	625	625	625		
965	930	930	900	900	810	870	870	870		
960	930	930	930	960	990	930	930	900		
790	850	850	880	850	850	920	1070	1230		
990	940	940	965	965	965	965	965	965		
993	993	993	993	993	993	993	993	1020		
1040	1040	1040	1040	1040	1040	1040	1040	990		
873	1000	867	867	918	855	849	842	836		
1030	963	963	963	898	898	898	898	898		
597	594	596	592	600	839	772	708	689		
831	821	814	814	814	820	808	809	819		
655	720	951	829	773	739	719	690	744		
791	822	834	834	911	889	841	825	835		
506	624	616	619	614	609	599	592	586		
630	648	733	901	951	841	824	815	824		
1108	1031	901	933	942	834	855	885	856		
756	756	783	762	762	849	752	769	790		
638	652	670	581	691	875	925	943	735		
568	458	454	463	531	521	517	502	495		
874	747	823	771	833	744	811	766	662		
499	499	499	509	502	521	521	510	520		
866	869	825	877	962	946	1011	1024	1296		
681	689	684	684	684	684	684	684	684		
513	518	533	570	562	652	602	629	630		
512	521	563	617	640	643	627	626	627		16,244
										17,360
442	430	502	524	535	503	488	470	460		12,023
648	647	645	651	640	634	660	644	630		20,873
551	546	557	577	611	667	698	694	666		17,778
378	384	445	462	469	484	493	500	490		12,483
500	490	490	507	507	507	495	510	510		15,026
662	713	720	721	649	610	615	606	617		20,468
443	443	444	450	452	452	447	445	449		12,979
711	707	715	684	686	687	687	710	733		23,262
519	550	550	530	519	509	481	444	412		15,404
725	749	713	648	656	579	616	669	791		19,493

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	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	836	830	824	824	824	824	1080	1370	1300	1150	1080	1080	1150
1914	898	961	1170	1100	1030	1030	1030	1030	1030	1030	1100	1030	1030
1915	635	663	665	710	697	686	677	672	664	672	682	666	695
1916	909	1009	980	954	949	925	988	1077	1003	984	1022	1038	987
1917	732	730	721	721	719	705	695	701	698	698	692	687	690
1918	867	891	909	893	817	576	1013	1346	1312	1178	1095	1049	1024
1919	611	838	973	1080	972	875	822	817	815	841	774	763	719
1920	828	823	803	786	746	730	766	839	886	903	1048	1180	1288
1921	865	872	890	879	858	937	961	861	878	975	1002	908	835
1922	789	783	791	764	764	764	771	785	785	764	757	778	835
1923	841	762	732	738	1013	1078	1043	1393	1199	1087	1001	945	912
1924	483	476	521	657	576	550	540	533	541	538	610	621	596
1925	970	833	752	731	866	899	1252	1035	998	927	808	1069	1220
1926	553	544	538	549	529	530	525	528	528	538	528	556	540
1927	1309	1312	1227	1273	1299	1085	824	1444	1150	1014	1100	1048	941
1928	642	667	663	636	845	925	824	771	814	808	811	811	860
1929	580	607	590	562	563	510	620	581	630	598	600	598	697
1930	861	1023	1048	991	790	869	985	900	1655	1374	1028	1058	826
1931	486	460	448	441	426	442	466	485	417	451	465	456	444
1932	627	630	630	630	630	630	630	746	749	752	741	734	715
1933	628	619	598	587	572	637	626	610	592	910	953	787	729
1934	493	475	457	455	451	464	471	507	536	537	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

	11	12	13	14	15	16	17	18	19	20	21	22
5	950	950	950	950	890	890	890	890	950	950	890	890
0	890	830	830	830	890	830	830	890	890	830	830	890
0	1060	1120	1120	1060	1060	1060	990	990	1060	925	990	990
2	978	892	892	978	892	892	892	892	892	892	892	892
0	1050	1100	1100	1160	1160	1160	1220	1460	1880	2060	2390	2060
50	930	930	920	920	905	905	880	905	1020	1020	1360	1190
90	890	890	890	890	890	878	860	860	860	860	860	878
95	695	695	695	695	695	695	695	695	695	695	695	728
20	1020	1110	1070	1070	1020	945	945	865	865	865	865	865
20	1020	1020	975	930	930	1120	1120	1120	1160	1020	1020	948
75	675	675	675	700	700	730	760	730	700	675	700	730
25	625	650	700	675	625	675	700	725	700	700	700	700
65	900	870	965	1110	965	965	930	930	930	930	930	930
940	840	840	870	900	2580	2030	1470	1330	1220	1260	1400	990
030	1000	1000	970	930	930	950	950	950	990	1100	1070	1030
020	990	990	990	990	990	990	1020	1130	1040	1020	1020	990
060	1265	1170	1170	1170	1170	1110	1095	1060	1060	1060	1035	1035
100	1070	1070	1070	1040	1040	1040	1040	1040	1040	1040	1040	990
150	1080	1080	1150	1220	1080	1020	1080	1020	1020	1020	1080	1080
030	1100	1030	1030	1030	961	961	961	1170	1410	1330	1410	1410
672	682	666	695	702	708	700	691	696	687	679	683	680
984	1022	1038	987	964	941	933	934	941	940	919	926	922
698	692	687	690	690	726	775	764	772	714	779	791	760
178	1095	1049	1024	980	968	1009	1127	1245	1186	1102	1088	1153
841	774	763	719	749	723	750	784	813	768	727	742	727
903	1048	1180	1288	1203	1230	1215	1190	1079	1037	1088	1038	1035
975	1002	908	835	786	728	645	750	1022	934	972	921	908
764	757	778	835	880	831	803	794	773	794	796	796	800
1087	1001	945	912	827	804	861	973	1019	1010	943	973	973
538	610	621	596	584	590	586	549	596	565	603	563	557
927	808	1069	1220	1147	1030	1179	1076	928	990	943	861	919
538	528	556	540	523	560	571	569	591	524	562	592	570
1014	1100	1048	941	927	1071	923	925	953	874	1077	708	864
808	811	811	860	850	840	846	840	819	771	800	674	943
598	600	598	697	688	798	669	662	720	663	670	645	644
1374	1028	1058	826	877	806	785	748	654	693	638	688	734
451	465	456	444	446	437	456	506	501	478	488	518	508
752	741	734	715	708	714	686	695	907	892	698	879	627
910	953	787	729	599	761	833	592	591	587	597	609	595
557	556	515	451	378	539	550	556	554	560	566	575	619
517	516	532	535	541	534	474	521	517	581	554	536	481
627	573	556	746	641	585	654	631	630	638	656	618	728
524	516	509	494	491	491	520	885	1130	924	730	680	634
899	952	865	979	924	906	1155	1261	1207	1142	1082	1067	996
697	658	661	663	618	602	628	622	614	602	619	656	627
830	738	791	764	720	783	667	728	730	682	710	757	695

	19	20	21	22	23	24	25	26	27	28	29	30
0	950	950	890	890	890	950	950	950	890	890	890	890
0	890	830	830	890	890	890	830	830	950	950	950	830
0	1060	925	990	990	990	1120	1250	1250	1120	1060	1060	1060
2	892	892	892	892	978	978	892	892	978	978	978	978
0	1880	2060	2390	2060	1940	1820	1580	1460	1460	1460	1460	1460
5	1020	1020	1360	1190	1410	1230	1120	1120	1120	1070	1080	1050
0	860	860	860	878	860	860	860	860	860	955	990	820
5	695	695	695	728	760	830	900	900	865	830	795	760
5	865	865	865	865	865	865	842	790	790	828	842	842
20	1160	1020	1020	948	930	930	930	930	975	930	930	930
50	700	675	700	730	730	760	790	760	730	730	730	730
25	700	700	700	700	700	700	700	700	700	725	725	725
30	930	930	930	930	930	930	900	900	900	965	965	965
30	1220	1260	1400	990	1120	1080	1080	1080	1080	1080	1080	1080
50	990	1100	1070	1030	990	990	990	990	950	990	1030	990
30	1040	1020	1020	990	990	990	965	965	965	940	940	940
60	1060	1060	1035	1035	1035	1035	1060	1060	1060	1035	1010	990
40	1040	1040	1040	990	1070	1100	1040	1040	1100	1300	1265	1195
20	1020	1020	1080	1080	1020	1020	1020	1020	1020	1020	950	950
70	1410	1330	1410	1410	1330	1230	1230	1190	1190	1190	1100	1100
96	687	679	683	680	668	681	690	707	708	695	693	700
41	940	919	926	922	902	898	934	936	936	939	922	921
72	714	779	791	760	778	774	789	800	805	785	789	643
45	1186	1102	1088	1153	1015	984	985	969	930	1017	1098	1169
13	768	727	742	727	725	718	750	717	694	653	661	678
79	1037	1088	1038	1035	990	980	956	925	928	933	935	800
22	934	972	921	908	912	821	904	869	958	1057	923	993
73	794	796	796	800	1155	1017	984	1063	992	906	1058	719
19	1010	943	973	973	1402	1287	1064	1033	1005	968	977	908
96	565	603	563	557	561	540	550	538	544	683	1314	1303
28	990	943	861	919	835	838	827	900	865	798	833	977
91	524	562	592	570	571	523	587	570	565	664	691	610
53	874	1077	708	864	1036	1104	1009	1098	1381	1543	1445	1157
19	771	800	674	943	800	779	713	760	794	780	870	900
720	663	670	645	644	631	631	631	631	635	637	689	648
654	693	638	688	734	917	771	803	842	815	729	821	746
501	478	488	518	508	573	639	639	637	654	602	556	596
907	892	698	879	627	705	1101	761	682	752	760	723	881
591	587	597	609	595	610	616	598	591	580	592	603	650
554	560	566	575	619	717	760	1020	997	877	757	720	627
577	581	554	556	481	636	574	585	611	621	548	575	571
630	638	656	618	728	640	633	716	696	702	757	672	656
130	924	730	680	634	624	612	602	521	570	598	576	563
1207	1142	1082	1067	996	956	910	932	852	877	951	908	906
614	602	619	656	627	629	699	639	632	631	583	503	852
730	682	710	757	695	685	795	884	1025	973	944	941	889

22	23	24	25	26	27	28	29	30	31	TOTAL
890	890	950	950	950	890	890	890	890	920	
890	890	890	830	830	950	950	950	830	1010	
990	990	1120	1250	1250	1120	1060	1060	1060	1060	
892	978	978	892	892	978	978	978	978	978	
060	1940	1820	1580	1460	1460	1460	1460	1460	1340	
190	1410	1230	1120	1120	1120	1070	1080	1050	1050	
878	860	860	860	860	860	955	990	920	920	
728	760	830	900	900	865	830	795	760	760	
865	865	865	842	790	790	828	842	842	828	
948	930	930	930	930	975	930	930	930	930	
730	730	760	790	760	730	730	730	730	730	
700	700	700	700	700	700	725	725	725	725	
930	930	930	900	900	900	965	965	965	1040	
990	1120	1080	1080	1080	1080	1080	1080	1080	1080	
1030	990	990	990	990	950	990	1030	990	1110	
990	990	990	965	965	965	940	940	940	940	
1035	1035	1035	1060	1060	1060	1035	1010	990	1010	
990	1070	1100	1040	1040	1100	1300	1265	1195	1100	
1080	1020	1020	1020	1020	1020	1020	950	950	950	
1410	1330	1230	1230	1190	1190	1190	1100	1100	1170	
680	668	681	690	707	708	695	693	700	653	
922	902	898	934	936	936	939	922	921	920	
760	778	774	789	800	805	785	789	643	878	
1153	1015	984	985	969	930	1017	1098	1169	1151	
727	725	718	750	717	694	653	661	678	705	
1035	990	980	956	925	928	933	935	800	795	
908	912	821	904	869	958	1057	923	993	922	
800	1155	1017	984	1063	992	906	1058	719	793	
973	1402	1287	1064	1033	1005	968	977	908	925	
557	561	540	550	538	544	683	1314	1303	1141	
919	835	838	827	900	865	798	833	977	894	
570	571	523	587	570	565	664	691	610	612	
864	1036	1104	1009	1098	1381	1543	1445	1157	1386	
943	800	779	713	760	794	780	870	900	1012	24,926
644	631	631	631	631	635	637	689	648	650	19,678
734	917	771	803	842	815	729	821	746	781	27,256
508	573	639	639	637	654	602	556	596	591	15,712
627	705	1101	761	682	752	760	723	881	585	19,571
595	610	616	598	591	580	592	603	650	1186	20,638
619	717	760	1020	997	877	757	720	697	699	18,529
481	636	714	585	671	621	548	575	571	565	16,808
728	640	633	716	696	702	757	672	656	696	19,886
634	624	612	602	521	570	598	576	563	593	18,113
996	956	910	932	852	877	951	906	906	972	30,313
627	629	699	639	632	631	583	503	852	533	19,586
695	685	795	884	1025	973	944	941	889	993	26,584

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1895	950	950	950	950	890	890	720	890	950	950	950	950
1896								990			1060	
1897	1060			990				978	978	978	978	721
1898	978	978	1060	1060	978	978	978	978	978	978	1520	1760
1899	1340	1340	1220	1340	1340	1340	1340	1460	1400	1340	990	960
1900	1120	1120	1120	1120	1120	1120	1050	1050	1050	1020		
1901	920	920	920	890	920	920	890	890	890	890	890	848
1902	760	760	760	760	795	830	900	984	1000	1000	1040	1040
1903								828		828		
1904												
1905	730	700	700	675	675	650	650	675	700	675	675	675
1906	750	750	750	750	780	780	810	810	845	880	880	810
1907	1040	1000	965	965	930	900	930	930	900	900	870	840
1908	1120	1120	1120	1080	990	990	990	1020	990	990	990	1020
1909	1190	1360	1360	1360	1310	1270	1270	1110	1150	1230	1390	1230
1910	940	940	940	940	915	890	965	990	1160	1160	1230	1730
1911	1010	1010	990	1010	1060	1085	1085	1110	1230	1170	1060	930
1912	1015	1015	1100	1130	1100	1160	1300	1265	1230	1265	1300	1230
1913	950	1080	1150	1080	1080	2080	2190	1610	1530	1450	1530	1790
1914	1170	1100	1100	1100	1100	1100	1030	1030	1030	961	961	961
1915	662	668	670	672	673	664	684	695	712	701	684	725
1916	922	918	916	906	899	913	901	873	883	905	854	733
1917	932	773	924	887	795	896	786	786	792	780	786	774
1918	1210	1166	1148	1056	1053	1032	1026	977	980	967	964	932
1919	758	843	1035	1247	1430	1485	1424	1237	1054	964	931	906
1920	779	877	869	869	886	886	888	907	921	895	824	787
1921	925	925	830	876	884	886	869	869	920	898	803	874
1922	865	924	830	794	764	734	769	869	1000	914	962	944
1923	904	890	933	837	903	899	876	855	866	884	895	827
1924	1017	1180	937	902	1000	987	806	839	619	775	912	875
1925	767	777	952	828	684	776	671	797	826	829	1072	920
1926	525	552	556	523	568	528	681	709	709	595	695	907
1927	1131	1031	1132	1021	1235	1083	1309	1533	1649	4067	4329	3186
1928	1003	866	994	887	899	955	961	795	904	875	900	776
1929	653	650	650	577	678	581	655	555	616	561	561	752
1930	700	819	650	822	667	747	753	695	716	801	860	797
1931	515	518	522	526	476	516	526	648	591	646	582	489
1932	678	646	3322	826	764	884	1017	937	959	1148	949	778
1933	1213	993	848	848	729	828	807	803	748	777	780	751
1934	753	761	823	728	687	860	1028	987	1062	872	847	781
1935	498	607	650	606	573	589	648	652	665	696	607	618
1936	731	650	599	488	696	770	730	680	575	620	546	664
1937	582	596	653	629	649	555	541	556	639	664	659	655
1938	1001	1201	1065	1606	2113	1509	1129	1117	1264	1276	1188	890
1939	763	706	660	733	754	711	630	657	663	689	562	647
1940	1063	1136	1416	1253	1222	961	1092	1268	1206	1124	1056	952

* - Interpolated

NOVEMBER

12	13	14	15	16	17	18	19	20	21	22	23	24
950	950	950	1010	1010	1010	950	950	950	950	890	770	770
721	721	721	990	721	892	1250	1060	1150	1060	1120	892	892
1760	1820	1700	1580	1700	1640	1580	1580	1580	1460	1460	1460	1340
960	990	990	990	990	990	1050	1050	960	930	960	990	1010
848	890	848	890	890	860	860	860	860	860	920	990	1200
1040	1000	970	900	830	900	970	970	900	865	830	865	900
675	675	675	675	675	675	675	675	675	675	700	700	700
810	1060	2350	2620	5250	2110	1470	1200	1160	1240	1240	1060	960
840	870	900	900	870	900	930	840	870	965	900	930	965
1020	1020	960	930	755	870	990	990	1050	1120	1190	1080	1080
1230	1150	1190	1070	990	1070	1150	1570	3850	4190	5400	15200	13000
1730	1600	1230	1160	1100	1100	1160	1160	1130	1340	1600	1830	1730
930	970	1170	1300	1495	1300	1495	1230	1265	1265	1230	1035	970
1230												
1790	1530	1370	1300	1300	1300	1220	1220	1220	1220	1080	1080	1080
961	1030	1030	961	780	830	898	731	839	839	839	961	1030
725	721	731	769	919	771	781	797	818	869	859	867	886
733	622	824	1037	1057	1052	1052	1129	969	869	858	863	857
774	822	822	792	804	807	1103	915	671	675	742	884	856
932	925	941	950	1005	1030	1037	994	960	977	956	909	802
906	888	821	783	806	889	969	985	1007	1002	990	928	882
787	806	868	914	898	1063	1444	1837	2402	2470	2246	1900	1627
874	795	871	877	933	777	723	786	910	1619	5726	3063	2350
944	823	876	598	776	807	1013	1070	1066	826	756	812	411
827	851	838	856	828	821	835	809	782	759	893	821	890
875	775	659	709	765	652	629	568	812	1458	1391	1485	1229
920	949	864	761	1838	931	897	852	775	755	757	823	805
907	1016	891	771	838	969	851	852	939	1970	1570	1370	1686
3186	2620	2243	1723	2211	2746	2905	2331	2228	2999	3208	2745	2307
776	762	811	909	814	783	852	611	622	831	889	881	838
752	613	529	535	601	567	674	686	661	665*	665*	665*	665*
797	709	961	693	681	769	777	784	653	683	742	697	790
489	444	474	558	616	614	536	506	465	398	357	310	268
778	853	897	822	794	908	937	1050	942	890	870	837	687
751	737	733	757	745	706	764	918	842	705	794	645	764
781	717	775	680	673	693	778	954	988	897	874	829	839
618	725	604	602	654	657	750	755	683	659	642	658	712
664	637	605	688	587	736	742	642	639	611	600	604	555
655	661	729	818	777	754	851	613	1044	1681	1649	1216	1007
890	851	1318	1111	1031	1349	1343	1099	1097	1107	847	751	825
647	624	714	665	612	658	525	580	554	561	615	546	670
952	930	633	780	963	924	1012	1083	930	850	958	704	664

20	21	22	23	24	25	26	27	28	29	30	31
950	950	890	770	770	770	890	950	770	950	1010	
1150	1060	1120 1060	892	892	1250 892	892	892	892	990 892	978	
1580	1460	1460	1460	1340	1340	1340	1340	1460	1820	2060	
960	930	960	990	1050	1050	1080	1120	990	930	990	
860	860	920	990	1200	1050	990	1060	990	1020	1120	
900	865	830	865	900	935	970	1040	900	900	935	
1110			2130		1680						
675	675	700	700	700	700	700	700	700	675	675	
1160	1240	1240	1060	960	960	920	920	920	845	810	
870	965	900	930	965	1040	1070	1040	930	930	965	
1050	1120	1190	1080	1080	1020	930	870	755	650	960	
3850	4190	5400	15200	13000	9450	7370	5800	4700	4050	3850	
1130	1340	1600	1830	1730	1640	1380	1100	1230	1300	1300	
1265	1265	1230	1035	970	930	1230	1085	930	810	890	
1220	1220	1080	1080	1080	1150	1230	1300	1450	1300	1220	
839	839	839	961	1030	961	961	898	961	1030	961	
818	869	859	867	886	830	790	788	683	767	957	
969	869	858	863	857	827	870	890	895	867	849	
671	675	742	884	856	860	962	780	785	887	675	
960	977	956	909	802	740	652	698	677	750	775	
1007	1002	990	928	882	841	818	711	548	528	564	
2402	2470	2246	1900	1627	1478	1384	1650	1568	1511	1385	
910	1619	5726	3063	2350	1690	1564	1601	1236	1514	1494	
1066	826	756	812	411	818	620	659	717	681	745	
782	759	893	821	890	1177	1130	968	801	762	992	
812	1458	1391	1485	1229	1082	913	841	684	719	711	
775	755	757	823	805	971	939	1028	922	1016	915	
939	1970	1570	1370	1686	2075	2453	1941	1691	1692	2697	
2228	2999	3208	2745	2307	2235	2821	3364	3341	3448	3900	
622	831	889	881	838	874	831	880	831	796	572	
661	665*	665*	665*	665*	665*	672	810	700	698	688	
653	683	742	697	790	876	828	729	860	742	708	
465	398	357	310	268	344	643	725	675	538	586	
1050	890	870	837	687	789	699	826	808	834	888	
842	705	794	645	764	754	751	760	624	912	806	
988	897	874	829	839	875	795	812	817	761	776	
683	659	642	658	712	710	638	663	666	552	387	
639	611	600	604	555	594	590	473	414	414	420	
1044	1681	1649	1216	1007	1038	1067	972	961	882	816	
1097	1197	847	751	825	881	877	908	903	927	1113	
554	561	615	546	670	649	655	703	630	705	658	
930	850	958	704	664	852	855	863	806	1000	1326	

23	24	25	26	27	28	29	30	31	TOTAL
770	770	770	890	950	770	950	1010		
892	892	1250				990			
460	1340	892	892	892	892	892	978		
990	1050	1340	1340	1340	1460	1820	2060		
		1050	1080	1120	990	930	990		
990	1200	1050	990	1060	990	1020	1120		
865	900	935	970	1040	900	900	935		
2130		1680							
700	700	700	700	700	700	675	675		
1060	960	960	920	920	920	845	810		
930	965	1040	1070	1040	930	930	965		
1080	1080	1020	930	870	755	650	960		
15200	13000	9450	7370	5800	4700	4050	3850		
1830	1730	1640	1380	1100	1230	1300	1300		
1035	970	930	1230	1085	930	810	890		
1080	1080	1150	1230	1300	1450	1300	1220		
961	1030	961	961	898	961	1030	961		
867	886	830	790	788	683	767	957		
863	857	827	870	890	895	867	849		
884	856	860	962	780	785	887	675		
909	802	740	652	698	677	750	775		
928	882	841	818	711	548	528	564		
1900	1627	1478	1384	1650	1568	1511	1385		
3063	2350	1690	1564	1601	1236	1514	1494		
812	411	818	620	659	717	681	745		
821	890	1177	1130	968	801	762	992		
1485	1229	1082	913	841	684	719	711		
823	805	971	939	1028	922	1016	915		
1370	1686	2075	2453	1941	1691	1692	2697		
2745	2307	2235	2821	3364	3341	3448	3900		
881	838	874	831	880	831	796	572		
665*	665*	665*	672	810	700	698	688		25,202
697	790	876	828	729	860	742	708		19,248
									22,709
310	268	344	643	725	675	538	586		15,612
837	687	789	699	826	808	834	888		28,239
645	764	754	751	760	624	912	806		23,842
829	839	875	795	812	817	761	776		24,722
658	712	710	638	663	666	552	387		19,124
604	555	594	590	473	414	414	420		18,300
1216	1007	1038	1067	972	961	882	816		24,914
751	825	881	877	908	903	927	1113		33,697
546	670	649	655	703	630	705	658		19,499
704	664	852	855	863	806	1000	1326		29,882

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1895	950	950	770	720	720	950	950	950	950	890	1010	1010	1010
1896													
1897													
1898	1060	1060	1060	1060	1580	1920	2260	2770	2600	2600	2600	2600	2600
1899	2060	1700	1520	1280	1220	1220	1340	1340	1460	1580	1580	1460	1460
1900	1050	1050	990	1050	1050	1050	1050	1050	1050	990	990	930	930
1901	1130	2180	2070	2070	1870	1600	1350	1240	1310	1200	1130	1060	920
1902	970	970	1040	1080	970	970	970	970	1040	1270	1290	1190	1000
1903			1200		1110			1020				865	
1904													
1905	675	675	675	650	560	560	520	480	480	450	450	480	520
1906													
1907	930	840	810	870	930	965	1000	1100	965	900	1000	1000	1040
1908	990	930	990	1050	990	930	930	990	990	960	900	920	1020
1909	3460	3200	2660	2540	2480	2370	2370	2370	2840	2480	2100	2150	2200
1910	1300	1300	1340	2140	1680	1460	1380	1340	1460	1380	1380	1460	1160
1911	1060	1035	990	1085	1110	1170	1140	1085	1110	1100	1085	1060	1085
1912													
1913	1150	950	950	950	950	950	950	886	824	824	1020	1080	1080
1914	898	783	898	1100	1030	961	783	731	683	638	783	961	731
1915	869	812	947	1000	1103	985	949	918	892	843	790	784	757
1916	747	982	1088	1185	1117	1034	901	698	493	859	949	976	1089
1917	2121	1942	1323	915	885	972	1042	827	985	1022	917	909	1179
1918	829	842	896	927	955	1092	1090	1084	926	901	807	723	774
1919	829	989	1058	918	835	852	836	786	733	628	873	752	829
1920	1236	1260	1249	1211	1168	1011	951	817	872	1019	1222	1225	1170
1921	3353	3890	2723	1816	1582	1435	1470	1310	1218	1350	1360	1552	1372
1922	709	688	650	716	649	1000	662	821	784	612	670	655	674
1923	991	710	685	646	662	798	999	1103	819	615	486	524	702
1924	680	847	950	936	793	796	798	751	772	647	672	754	835
1925	967	1522	2346	1549	1348	1231	1128	1042	937	926	888	999	1017
1926	3325	2469	2521	2703	2522	2191	2020	1506	1174	1240	1088	1471	1312
1927	2467	2453	2444	2461	1923	2290	1746	1702	1347	1789	1804	1534	1660
1928	540	736	444	672	404	619	634	685	813	857	968	974	849
1929	686	719	640	575	609	732	688	696	686	941	2221	1670	1818
1930	678	749	842	976	938	911	835	685	604	575	752	920	893
1931	380	445	563	635	610	462	582	513	572	431	416	532	479
1932	729	763	841	828	819	632	562	613	426	366	290	300	304
1933	765	690	740	805	802	652	809	837	767	781	795	821	902
1934	814	823	778	850	869	814	793	608	726	668	602	586	628
1935	444	399	403	424	575	679	729	656	811	725	657	833	808
1936	581	578	614	581	518	513	779	818	801	654	530	534	659
1937	630	675	643	684	679	641	692	404	734	596	2998	10641	7374
1938	1175	1202	1238	1280	1113	1188	1097	1113	1283	1248	1043	903	468
1939	534	617	592	592	586	575	715	644	640	934	1197	1096	876
1940	1136	1045	1008	900	953	949	945	980	871	877	706	476	391

DECEMBER

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
600	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
130	1060	920	830	1060	955	990	1020	1020	920	890	1080	1200
290	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
000	1000	1040	1000	900							1180	1180
900	920	1020	810	650								1050
100	2160	2200	2050	1850	1800	1660	1660	1700	1480	1390	1570	1700
380	1460	1160	990	990	1020	1160	1100	1100	1070	1100	1160	1160
1085	1060	1085	970	990	1085	1085	950	870	910	930	860	1010
1020	1080	1080	1220	1080	950	824	1020	1080	886	824	824	1080
783	961	731	638	559	559	559				600		
790	784	757	884	765	574	641	854	704	739	946	1102	1157
949	976	1089	976	760	658	763	878	1162	885	992	989	897
917	909	1179	1640	1553	1192	1191	1529	1633	1737	1627	2038	1737
807	723	774	838	947	895	787	717	617	664	712	745	757
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	989	1017	1008
657	833	808	739	611	388	339	350	363	359	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

	20	21	22	23	24	25	26	27	28	29	30	31
20	620	620	670	670	770	830	950	950	770	815	860	900
70	2770	2770	2600	2600	2600	2800	2940	3290	3290	2940	2940	2770
20	1820	1580	1580	1580	1820	1580	1580	1580	1820	1580	1580	1820
50	1050	1460	1360	1120	1050	1120	1050	1050	970	880	930	990
020	920	890	1080	1200	1430	1350	1200	1130	1130	955	890	1020
040	1080	1100	1120	1190	1190	1270	1230	1270	1120	1040	695	1000
945			945			752			790			790
880	820	790	560	520	520	580	625	625	760	820	760	675
			1180	1180	1180	1240	1180	1360	1180	1140	1000	1100
700	1480			1050	1080	930	930	1050	1120	990	930	755
100	1070	1390	1570	1700	1660	1660	1750	1570	1390	1370	1390	1570
		1100	1160	1160	1300	1100	990	990	1040	1100	1100	1160
870	910	930	860	1010	1010	930	950	930	1035	1060	1035	1035
1080	886	824	824	1080	950	1080	1150	1020	1020	950	1020	1150
		600					650			826		
704	739	946	1102	1157	1079	955	825	728	837	849	676	719
1162	885	992	989	897	883	873	679	663	669	679	671	656
1633	1737	1627	2038	1737	2965	2871	2416	3536	5050	6972	5420	4150
617	664	712	745	757	670	660	628	640	637	617	588	595
757	903	986	1126	1160	1199	1016	955	927	998	872	815	741
1097	1134	1117	1042	950	909	890	936	956	982	1074	1359	2331
1184	1124	1295	1175	1163	1220	1106	1109	1194	1191	1127	1177	1067
1010	1118	974	954	790	804	1052	1085	1172	1246	1361	1017	1136
911	972	963	799	635	608	902	979	879	947	898	1008	776
458	434	420	422	425	421	539	515	507	663	753	975	882
1031	906	916	904	923	1016	1026	882	859	765	682	639	607
1296	989	1051	815	794	906	869	844	840	928	838	911	920
1164	971	1087	950	1548	1345	1255	1147	1144	1173	1490	1373	1120
647	586	599	615	606	706	645	995	837	964	1043	889	792
1250	1271	1838	1047	1076	1012	971	917	843	732	729	625	704
715	730	570	493	505	552	533	509	760	666	634	613	613
620	621	762	745	718	718	694	726	751	837	750	620	557
1046	832	851	496	750	690	1081	929	761	822	780	825	756
701	886	976	972	943	996	998	1106	1241	1215	1121	1110	1322
804	862	989	1017	1008	928	946	897	926	965	813	750	671
363	359	550	578	490	370	648	737	798		803	686	643
720	742	756	710	755	663	723	728	698	667	478	670	596
1760	1389	1226	1161	1291	1288	1111	1319	1328	1174	1172	1097	1187
984	1010	932	928	752	1038	948	866	764	885	985	985	693
1131	945	891	833	770	715	685	552	552	659	697	778	918
1148	1122	1004	1168	1185	1248	1127	1173	1073	1280	1068	968	1071

Chart 2K

23	24	25	26	27	28	29	30	31	TOTAL
670	770	830	950	950	770	815	860	905	
2600	2600	2600	2940	3290	3290	2940	2940	2770	
1580	1820	1580	1580	1580	1820	1820	1580	1820	
1120	1050	1120	1050	1050	930	880	930	990	
1200	1430	1350	1200	1130	1130	955	890	1020	
1190	1190	1270	1230	1270	1120	1040	695	1000	
		752			790			790	
520	520	580	625	625	760	820	760	675	
1180	1180	1240	1180	1360	1180	1140	1000	1100	
1050	1080	930	930	1050	1120	990	930	755	
1700	1660	1660	1750	1570	1390	1310	1390	1570	
1160	1300	1100	990	990	1040	1100	1100	1160	
1010	1010	930	950	930	1035	1060	1035	1035	
1080	950	1080	1150	1020	1020	950	1020	1150	
			650			826			
1157	1079	955	825	728	837	849	676	719	
897	883	873	679	663	669	679	671	656	
1737	2965	2871	2416	3536	5050	6972	5420	4150	
757	670	660	628	640	637	617	588	595	
1160	1199	1016	955	927	998	872	815	741	
950	909	890	936	956	982	1074	1359	2331	
1163	1220	1106	1109	1194	1191	1127	1177	1067	
790	804	1052	1085	1172	1246	1361	1017	1136	
635	608	902	979	879	947	898	1008	776	
425	421	539	515	507	663	753	975	882	
923	1016	1026	882	859	765	682	639	607	
794	906	869	844	840	928	838	911	920	
1548	1345	1255	1147	1144	1173	1490	1373	1120	
606	706	645	995	837	964	1043	889	792	23,106
1076	1012	971	917	843	732	729	625	704	34,774
505	552	533	509	760	666	634	613	613	22,054
718	718	694	726	751	837	750	620	557	18,188
750	690	1081	929	761	822	780	825	756	20,298
943	996	998	1106	1241	1215	1121	1110	1322	27,826
1008	928	946	897	926	965	813	759	671	25,604
490	370	648	737	778	805	805	886	943	18,676
755	663	723	728	698	667	478	670	596	20,778
1291	1288	1171	1319	1328	1174	1172	1097	1187	57,880
752	1038	948	866	764	885	985	985	693	30,490
770	715	685	552	552	659	697	778	918	24,634
1185	1248	1127	1173	1073	1280	1068	968	1071	28,317

YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1941	953	664	662	690	704	967	890	959	778	857	761	699
1942	612	612	612	927	737	737	737	999	1000	1157	1052	1051
1943	4510	4934	3711	2796	2572	2257	2026	1701	1730	1701	1554	1337
1944	998	895	979	759	575	685	876	673	670	671	674	676
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899
1946	2583	2013	2128	1723	1881	1631	1219	1544	1282	1045	1240	920
1947	820	1062	923	620	688	986	1017	1018	905	903	1186	1033
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494
1949	866	878	818	730	730	825	800	822	861	868	773	760

1941	817	843	852	957	831	879	1140	1215	1100	1102	1244	1435	1469
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599
1946	1093	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670
1949	759	801	827	862	873	883	885	890	862	832	801	770	734

1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652
1943	3088	2982	2899	3025	3099	2745	2569	2684	2919	2526	2520	2460	2525
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426
1946	1733	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114
1948	1087	1173	1121	1096	966	976	973	994	997	978	994	1005	1015
1949	1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977

NATURAL FLOW OF BOISE RIVER BEGINNING 1941

9	10	11	12	13	14	15	16	17	18	19	20	21	22	
JANUARY														
778	857	761	699	622	926	1076	929	927	878	884	888	890	886	8
1000	1157	1052	1051	841	946	946	621	731	1306	866	756	866	748	9
1730	1701	1554	1337	1344	1519	1550	1636	1300	1100	1315	2010	2179	3728	46
670	671	674	676	684	688	962	934	945	1042	827	824	822	722	7
1193	1040	1035	899	902	1300	1461	1305	1169	1052	1034	1035	704	830	7
1282	1045	1240	920	878	1057	983	866	1214	1246	1157	1111	940	1164	11
905	903	1186	1033	1074	1052	788	753	786	733	1073	1245	1132	1276	86
2282	1653	1571	1494	1005	866	810	842	940	948	964	827	872	924	124
861	868	773	760	777	824	830	850	841	814	785	780	788	806	81

FEBRUARY														
1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041	1151	1069	1093	1369
1271	1261	1285	1152	1118	861	997	1179	1011	892	739	753	806	1477	1051
1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419
1159	1270	791	785	773	785	906	1053	867	858	979	842	847	622	916
2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396	1329	1302	1115	1086
914	891	1028	1132	941	961	1074	1366	1281	1232	956	1237	1239	1219	1257
944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145	1786	1741	1834	1951
727	917	666	601	670	902	970	981	917	886	1227	1411	1102	1326	1819
862	832	801	770	734	669	682	694	682	691	753	792	841	846	846

MARCH														
1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922
1115	1308	1403	1593	1652	1860	1479	1688	1527	1468	1432	1411	1414	1442	1305
2919	2526	2520	2460	2525	3825	3899	3451	3161	2860	2606	2820	2026	2818	2119
768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446	1399	1366	1122	1135
968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304	1172	1532	2260	2813
2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2803	4144	5164	5371	5061
1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387	4397	4613	4661	4948
997	978	994	1005	1015	1087	1060	1126	1145	1137	1121	1086	1063	1001	1117
1943	1941	2047	1984	1977	2164	2195	2425	2731	2890	2995	3221	3356	3362	3405

IVER

	19	20	21	22	23	24	25	26	27	28	29	30	31
8	884	888	890	886	884	917	1030	1215	1172	942	811	808	911
6	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281
0	1315	2010	2179	3728	4603	4259	3563	3199	2987	2703	2505	2250	2006
2	827	824	822	722	730	940	827	828	823	733	748	744	752
2	1034	1035	704	830	739	663	816	806	737	774	772	684	876
6	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085
3	1073	1245	1132	1276	865	1119	1114	1125	1157	913	921	986	908
8	964	827	872	924	1244	1208	1030	906	760	481	545	766	909
4	785	780	788	806	811	793	732	686	719	722	727	765	738
994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342			
892	739	753	806	1477	1051	1150	952	922	941	1079			
961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759			
858	979	842	847	622	916	794	919	798	797	954	780		
550	1396	1329	1302	1115	1086	1077	1051	836	969	1056			
232	956	1237	1239	1219	1257	1287	1482	1546	1607	1609			
937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578			
886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203		
691	753	792	841	846	846	871	901	916	929	945			
1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2305	2849	3093
1468	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250
2860	2606	2820	2026	2818	2119	2521	3009	3789	5285	7156	9555	10692	9936
1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369
1519	1304	1172	1532	2260	2813	2856	2541	2242	2530	2320	2510	2290	2501
2526	2803	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740
3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491
1137	1121	1086	1063	1001	1117	1133	1421	1342	1344	1381	1543	2076	2080
2890	2995	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233

Chart No. 2-L

	23	24	25	26	27	28	29	30	31	TOTAL
	884	917	1030	1215	1172	942	811	808	911	27,130
	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
	4603	4259	3563	3199	2987	2703	2505	2250	2006	76,595
	730	940	827	828	823	733	748	744	752	24,706
	739	663	816	806	737	774	772	684	876	28,135
	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
	865	1119	1114	1125	1157	913	921	986	908	30,181
	1244	1208	1030	906	760	481	545	766	909	32,761
	811	793	732	686	719	722	727	765	738	24,519
	1369	1529	1776	1535	1284	1342				32,684
	1051	1150	952	922	941	1079				31,581
	3419	3440	3327	2831	2870	2759				58,282
	916	794	919	798	797	954	780			26,305
	1086	1077	1051	836	969	1056				40,062
	1257	1287	1482	1546	1607	1609				32,902
	1951	2029	1972	1832	1961	1578				43,639
	1819	1458	1222	1309	1509	1340	1203			30,240
	846	871	901	916	929	945				22,837
	1922	1803	1727	1774	2101	2193	2305	2849	3093	56,724
	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
	2119	2521	3009	3789	5285	7156	9555	10692	9936	117,569
	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
	2813	2856	2541	2242	2530	2320	2510	2290	2501	49,580
	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
	1117	1133	1421	1342	1344	1381	1543	2076	2080	36,698
	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	33
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6081	7073	82
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	189
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	33
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	20
1946	6008	4982	4552	4717	4841	5216	6160	6164	6222	5847	5218	5919	75
1947	4810	4145	4006	3747	3576	3468	3305	3129	2954	2778	2635	2807	30
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	21
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	77

1941	4890	5168	5018	5531	5646	5678	4963	4609	4612	4308	4367	5127	73
1942	4049	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	41
1943	13118	14472	15282	15085	15650	14752	21884	11194	10220	10225	9810	9272	84
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	55
1945	5984	6970	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	82
1946	11798	10583	10259	10837	12416	13401	12844	13260	12128	11745	10582	10286	930
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	84
1948	4839	4538	3728	4393	4204	4307	5353	6539	6472	5797	5101	4613	508
1949	8043	7824	7289	6740	6507	6212	6294	7196	8178	9129	9835	10188	114

1941	5876	5273	4713	4985	5028	4885	5212	6341	5866	5148	4826	4982	53
1942	6271	5752	5626	5932	6318	6766	8006	9325	9868	9502	8497	7225	64
1943	19587	14754	12962	11286	10258	8909	8350	8004	7816	8370	9666	10493	119
1944	5791	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	41
1945	7248	7584	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	61
1946	7950	7533	7764	9114	10131	9775	8965	8249	7785	7505	7573	6965	61
1947	7015	6827	6980	6014	5562	5299	5299	5342	6372	6867	5991	5421	41
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	91
1949	8708	7602	6441	5588	5222	5867	6323	6598	6795	7171	7009	7447	81

NATURAL FLOW OF POISE RIVER BEGINNING 1941

9	10	11	12	13	14	15	16	17	18	19	20	21	22	
APRIL														
2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	24
4659	5444	6081	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7779	85
1255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17930	1520
2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185	2348	261
2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445	4460	6135	7701	665
6222	5847	5218	5919	7596	10219	12352	13581	14780	17389	18812	18660	15103	13559	1154
2954	2778	2635	2807	3063	3230	4470	5633	6148	6379	6440	6284	6171	6318	612
1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6896	6096	9614	893
6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413	10308	8503	7089	825

MAY														
4612	4308	4367	5127	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676
3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	3906	3693	4044	4664	6595
10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	6906	7316	8041	8851	10237
5514	5168	5134	5178	5509	6077	7059	7632	7270	6542	5688	5076	4361	4248	4142
9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993
12128	11745	10582	10286	9306	9563	9170	9087	9507	10011	10750	10746	10134	9995	10297
13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	7143	6705	7403	7922	7782
6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750	12004	11158	9708	9347
8178	9129	9835	10188	11441	11785	12313	12729	11484	11045	11133	10828	10219	9157	8361

JUNE														
5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436
9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	4791	4453	4427
7816	8370	9666	10493	11513	11171	10305	10063	9048	9978	11871	12584	11249	10070	10859
4583	4943	4477	4254	4137	4007	4063	4095	4112	3762	3506	3582	3888	3933	3924
6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317
7785	7505	7573	6965	6209	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827
6372	6867	5991	5421	4395	4743	4539	4785	4962	5051	5334	5103	4813	4215	3548
10880	10534	10190	9669	9047	8398	7682	7075	6428	5872	5495	4918	5009	5523	4938
6795	7171	7009	7447	6908	6266	5531	4828	4980	4145	3728	3705	3597	3301	3091

	19	20	21	22	23	24	25	26	27	28	29	30	31	
	2963	2670	2387	2370	2452	2699	3128	3201	3316	3543	4090	4429		
	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353		
	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643		
	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231		
	3445	4460	6135	7701	6650	6101	5125	4326	3792	2729	3768	4622		
	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167		
	6440	6284	6171	6318	6123	6002	5480	5356	5760	6191	6991	7300		
	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165		
	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046		
6	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182
5	3906	3693	4044	4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162
9	6906	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361
2	5688	5076	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151
8	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6452	6932	7120	236
1	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325
6	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272
4	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252
5	11133	10828	10219	9157	8361	8248	7608	8249	8084	9373	9402	9520	9017	283
90	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468		131
25	5420	5117	4791	4453	4427	4650	4756	4886	4527	4024	3862	3701		181
78	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9920	9755		31
62	3506	3582	3888	3933	3924	3606	3689	3732	3741	3684	3228	3004		12
16	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3963		20
39	5244	5054	5103	5241	4827	5035	4566	3994	3917	3468	3540	3407		18
51	5334	5103	4813	4215	3548	3663	3798	3631	3738	3439	2971	2842		14
72	5495	4918	5009	5523	4938	4634	4327	4182	4086	3875	3657	3476		22
45	3728	3705	3597	3301	3091	3292	3073	3074	2960	2558	2418	2328		19

22	23	24	25	26	27	28	29	30	31	TOTAL
										94,150
370	2452	2699	3128	3201	3316	3543	4090	4429		170,811
779	8562	7355	6099	5718	5033	4620	3317	4353		503,266
930	15208	15482	14783	13616	12110	11161	14952	13643		82,000
348	2613	2821	3624	3471	3330	3282	3712	4231		101,184
701	6650	6101	5125	4326	3792	2729	3768	4622		
559	11548	11850	13257	15441	16663	15853	14226	13167		319,902
318	6123	6002	5480	5356	5760	6191	6991	7300		144,699
614	8938	6732	6461	5890	5108	4452	4411	5165		132,212
7089	8258	8197	10023	9325	8906	9226	9241	9046		208,274
4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,668
4664	6595	9166	8745	10608	10690	8987	7899	6931	6560	162,838
8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
5033	4993	5600	6638	6372	6538	6147	6452	6932	7120	236,573
9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
9157	8361	8248	7608	8249	8084	9373	9402	9520	9017	283,431
3541	3436	3300	3016	3077	2668	2626	2656	2468		133,388
4453	4427	4650	4756	4886	4527	4024	3862	3701		181,187
10070	10859	10635	9768	9435	9483	9715	9920	9755		313,877
3933	3924	3606	3689	3732	3741	3684	3228	3004		123,863
7389	7317	7137	6538	6633	5948	5117	4311	3963		202,998
5241	4827	5035	4566	3994	3917	3468	3540	3407		189,412
4215	3548	3663	3798	3631	3738	3439	2971	2842		148,619
5523	4938	4634	4327	4182	4086	3875	3657	3476		229,853
3301	3091	3292	3073	3074	2960	2558	2418	2328		150,554

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	1
1941	2322	2243	2039	1927	1952	1710	1674	1575	1513	1437	1337	1296	121
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	210
1943	10045	9693	9197	9300	8879	8231	8048	8399	8360	7942	7292	6508	5908
1944	3009	3102	2668	2700	2403	2513	2184	2012	1856	1998	1857	1698	1642
1945	3716	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

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

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

NATURAL FLOW OF BOISE RIVER BEGINNING 1941

11	12	13	14	15	16	17	18	19	20	21	22	23	24
JULY													
337	1296	1213	1239	1233	1251	1217	1219	1147	1113	1090	1041	994	966
424	2238	2108	2075	1899	1811	1790	1696	1591	1530	1473	1450	1417	1356
292	6508	5908	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086
857	1698	1642	1590	1519	1482	1511	1455	1401	1317	1284	1347	1321	1293
523	2409	2555	2355	2179	2136	2081	1791	1789	1709	1623	1644	1504	1535
1385	2246	1949	1915	1811	1658	1687	1744	1645	1532	1456	1553	1504	1382
2258	2132	1840	1871	1856	1816	1783	1801	1678	1494	1436	1402	1356	1253
1859	1818	1814	1736	1500	1565	1577	1497	1354	1350	1365	1348	1296	1181
1705	1663	1639	1500	1431	1390	1295	1296	1155	1083	1083	1080	1099	1043

AUGUST													
682	1339	1262	1140	899	839	852	890	1240	962	832	879	800	714
878	784	756	742	745	729	674	688	648	611	596	625	597	623
1656	1539	1630	1644	1636	1618	1594	1521	1514	1457	1400	1366	1315	1304
770	767	687	650	649	638	631	634	626	616	581	542	536	547
970	929	912	882	814	799	769	750	759	726	727	710	714	720
934	901	896	854	844	847	814	794	753	780	735	768	802	804
721	714	644	654	663	672	637	619	613	589	579	586	569	555
848	859	792	745	734	737	753	742	723	679	690	670	679	684
608	662	707	727	767	764	828	831	763	718	654	611	594	572

SEPTEMBER													
653	642	669	698	742	747	740	727	686	699	710	726	726	728
530	554	592	624	632	638	623	623	601	620	635	652	666	615
922	914	882	917	926	889	862	817	783	787	758	828	858	840
568	557	517	509	487	455	477	474	547	606	663	707	689	672
575	611	579	594	563	557	578	589	624	630	644	691	829	875
824	778	717	695	654	661	670	725	793	857	893	893	889	892
652	640	701	705	686	656	637	591	636	627	606	607	615	617
560	570	630	603	592	581	525	507	499	474	508	483	504	538
541	613	630	621	637	568	556	557	502	505	489	474	485	503

1	22	23	24	25	26	27	28	29	30	31	TOTAL
0	1041	994	966	947	900	891	1141	1079	1040	920	41,666
73	1450	1417	1356	1337	1280	1290	1198	1161	1151	1045	68,726
63	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,799
84	1347	1321	1293	1251	1259	1179	1149	1118	1029	1024	53,191
23	1644	1504	1535	1447	1328	1282	1212	1209	1232	1191	69,904
56	1553	1504	1382	1342	1286	1333	1380	1414	1356	1285	• 63,597
36	1402	1356	1253	1209	1146	1140	1105	1006	1052	1092	57,047
65	1348	1296	1181	1125	1020	920	914	969	968	864	53,489
83	1080	1099	1043	973	927	925	945	930	894	878	45,949
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
400	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
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

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

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

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

NATURAL FLOW OF BOISE RIVER BEGINNING 1941

1	12	13	14	15	16	17	18	19	20	21	22	23	24	25
OCTOBER														
91	676	783	804	698	802	2533	1954	1566	1420	1187	922	936	850	694
59	605	740	744	844	563	683	718	692	895	720	764	720	760	651
07	1228	940	1122	939	927	1006	876	1012	883	1121	1084	1085	1054	1188
52	635	617	611	652	642	821	807	673	632	598	664	671	674	693
70	773	696	542	865	746	689	777	846	792	814	838	768	797	776
61	991	931	898	932	865	995	910	995	925	936	1134	1256	1407	1281
03	947	941	874	777	822	2138	1453	1233	1063	981	1002	977	947	915
98	742	742	750	748	751	778	783	780	781	782	722	738	741	735
996	849	858	816	827	851	825	834	746	748	753	812	826	825	852

NOVEMBER														
802	903	780	894	1387	2533	1954	1566	1420	1187	922	936	850	694	863
725	747	707	842	944	1562	1158	1186	1150	1007	857	703	858	1128	1793
1740	1240	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968
1148	1039	928	975	860	870	745	682	577	656	681	731	722	699	802
787	1072	819	840	941	957	992	888	936	976	839	675	580	875	1004
1028	937	844	850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608
949	985	859	985	970	993	1022	928	1024	865	754	883	655	771	1011
812	817	856	912	932	981	916	883	854	838	818	790	808	803	813
1022	821	885	840	906	817	846	715	809	684	841	645	804	1409	1474

DECEMBER														
1458	1237	1309	1406	1372	1694	1580	1838	1871	2130	2240	2199	1896	1673	1657
1312	1212	1225	1116	1111	1041	1189	1052	920	942	994	1293	1140	1395	1644
656	746	746	746	770	748	759	939	974	1002	1003	1186	1003	943	1056
342	352	396	406	464	505	765	610	640	866	1052	818	1137	906	839
695	856	664	571	568	707	645	1040	833	691	898	893	1243	1173	1130
1409	1941	3056	4053	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1439
622	838	709	995	922	901	811	959	991	844	951	798	792	974	746
930	952	988	999	980	942	892	767	720	739	713	673	702	697	664
701	626	650	903	718	817	809	934	656	565	728	778	931	906	764

	21	22	23	24	25	26	27	28	29	30	31	TOTAL
0	1187	922	936	850	694	863	958	909	675	1000	871	31,600
5	720	764	720	760	651	626	702	792	737	835	699	21,282
3	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
2	598	664	671	674	693	659	958	436	669	638	718	20,414
2	814	838	768	797	776	785	800	781	802	819	924	22,911
25	936	1134	1256	1407	1281	1244	1238	1220	1123	1031	1118	33,697
63	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
81	782	722	738	741	735	736	734	675	686	685	735	22,321
48	753	812	826	825	852	818	642	689	752	835	780	24,612

187	922	936	850	694	863	958	909	675	1000	871		31,600
007	857	703	858	1128	1793	1534	1246	1442	1412	2098		32,034
141	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

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

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

Chart 3

JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1157	1132	1559	3680	6829	8324	4350	1243	773	793	906	1195
1117	1129	1592	3831	6856	8290	4238	1197	777	809	906	1210
1121	1141	1664	3983	6963	8336	4084	1166	766	808	983	1169
1115	1155	1660	4096	7227	8211	3910	1146	751	821	906	1153
1099	1253	1726	4139	7421	8077	3736	1110	747	831	898	1094
1086	1255	1800	4198	7675	8026	3526	1075	746	831	938	1093
1109	1231	1828	4248	7927	8145	3400	1059	734	852	950	1063
1069	1355	1960	4462	8211	8220	3294	1044	727	880	939	1027
1037	1323	2077	4573	8362	8254	5688	1011	729	882	952	976
1037	1265	1976	5132	8534	8234	2985	962	741	874	1006	1001
1018	1229	2004	5384	8274	7999	2820	956	760	873	1029	1038
1017	1188	2104	5662	8159	8031	2768	946	778	858	989	1047
986	1198	2135	6103	8105	8042	2613	923	772	867	956	1053
1029	1173	2147	6355	8190	8013	2506	910	774	860	974	1058
1118	1173	2236	6467	8342	7815	2379	903	783	895	948	976
1165	1249	2418	6640	8445	7783	2247	891	790	880	1072	947
1138	1292	2421	6666	8441	7602	2110	879	783	867	984	1004
1134	1284	2826	6626	8551	7364	2005	852	773	887	1029	964
1182	1288	2890	6580	8351	7179	1917	849	766	893	1007	1032
1211	111	3094	6061	8177	6919	1812	841	771	889	1074	1004
1248	1353	3138	6103	8058	6631	1734	819	762	902	1165	1038
1205	1411	3205	6277	8078	6320	1647	813	750	883	1302	1015
251	1400	3263	6382	8085	6013	1621	807	758	916	1485	1029
1155	1444	3227	6585	8172	5756	1567	792	770	910	1356	1081
1286	1402	3313	6678	8232	5447	1573	773	778	895	1271	1074
1198	1386	3266	7074	8458	5264	1475	769	775	893	1214	1056
1164	1472	3280	7260	8304	5449	1421	759	782	896	1173	1111
1130	1509	3297	7252	8250	4938	1376	756	781	901	1086	1154
1120	1259	3545	7045	8147	4786	1325	753	783	918	1082	1186
1091		3634	7668	8189	4575	1308	764	784	893	1130	1114
1125		3636		8356		1257	757		914		1102
36128	36060	78921	173210	249363	214041	78692	28525	22964	27071	31710	33064
42256	72120	157842	346420	498726	428086	157384	57050	45928	54142	63420	66128

In acre feet for average year, - 2019502

TOTAL

FOR I

YEAR	October	November	December	January	February	March	April
1894-95	54700(8)	54000	62700	78600	68280	103180	243
1895-96	57040	54980	50980	73440	67660	157560	2950
1896-97	54220	62300(3)	64600	50520	55240	87960	4760
1897-98	63440	64100	61500(7)	34100	67200	119280	2519
1898-99	53262	56240	151640	160600	79640	113900	4257
1899-00	83664	90000	97000	125420	96440	305220	3800
1900-01	63570	61880	65060	79440	98340	179320	3059
1901-02	56464	55892	76400	61300	90440	88920	2114
1902-03	45630	54498	63474	81760	63570	143360	4482
1903-04	58554	67800(7)	57500	124000(1)	108000(1)	262140	6718
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	1762
1905-06	42980	41010	40410	56810	57240	101100	3379
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	6733
1907-08	57890	55978	63300	67230	63282	141130	3825
1908-09	68440	59280	58000	138160	110680	232840	4721
1909-10	63140	200560	124760	79900	66600	566900	60998
1910-11	63210	73780	76820	63010	76340	159570	32396
1911-12	66570	66700	63520	78420	76120	99580	34262
1912-13	66960	67820	60680	53800	51400	101800	37496
1913-14	63524	80180	61380	71196	74968	216040	46904
1914-15	69680	58368	44800	59580	59726	94782	17656
1915-16	42410	45626	53346	49930	63262	197486	55506
1916-17	59106	54016	53702	47628	47694	61740	26708
1917-18	46004	49506	128592	113818	77754	181542	346040
1918-19	64492	56578	49118	50532	52844	114916	39585
1919-20	47968	56548	52610	66528	66774	89234	189044
1920-21	59966	75678	67106	112422	94098	271472	394484
1921-22	55492	39088	44979	60982	53180	113692	319642
1922-23	52172	48886	52872	62100	50860	92700	273726
1923-24	61592	52930	51286	48954	72446	63550	136450
1924-25	39218	53862	42912	48416	129386	192378	501862
1925-26	58400	51394	63522	48414	64264	140448	232672
1926-27	34882	67640	84790	63200	104630	188084	378928
1927-28	69014	144162	97842	90008	79354	272846	316812
1928-29	49852	50792	46212	45514	49720	101904	179094
1929-30	39356	36848	69543	44774	64388	103616	274178
1930-31	54512	45418	44108	44818	45298	91246	177172
1931-32	31424	31224	36376	38612	36756	135826	336006
1932-33	39142	56478	40596	43926	41136	64474	239342
1933-34	41276	47684	55652	79680	79948	151896	249648
1934-35	37058	49444	51208	52256	54336	83150	299458
1935-36	33616	38248	37352	44612	47356	100060	577594
1936-37	39772	36600	41556	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.

January	March	April	May	June	July	August	September	TOTAL
3280	103180	243140	395220	225700	152380	63620	58000	1,559,520
7660	157560	295040	555380	1464280	385520	81960	57500	3,301,340
5240	87960	476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,910
7200	119280	251900	320280	299360	116848	45708	39168	1,482,880
9640	113900	425740	608020	731400	356160	109940	68900	2,915,440
6440	305220	380020	510720	300640	84156	53496	51196	2,177,972
8340	179320	305940	626460	287420	116400	52222	49944	1,985,996
0440	88920	211470	353460	287160	106720	49496	40914	1,478,636
3570	143360	448220	520620	601880	147580	53000	46344	2,269,936
8000(1)	262140	671840	828600	521060	201920	71972	43830	3,017,216
6700(2)	101900	176200	229820	247660	78860	39870	34660	1,183,050
7240	101100	337920	428100	346980	162900	52410	41090	1,702,950
5000(4)	346120	673380	683520	534560	335640	101600	62066	3,207,016
3282	141130	382540	370360	324880	198500	64920	55524	1,845,534
0680	232840	472120	605240	655220	226800	63690	57220	2,747,690
6600	566900	609980	523560	310360	110040	55970	56390	2,758,160
6340	159570	323960	549120	740860	233040	74906	59728	2,494,344
6120	99580	342620	684180	677560	173980	83380	66080	2,478,710
1400	101800	374960	573740	413420	158660	82964	54290	2,060,494
4968	216040	469040	553660	307700	124130	58742	52654	2,133,214
9726	94782	176564	274130	191900	83978	40926	39672	1,194,106
3262	197486	555062	563720	594764	293818	80102	53680	2,593,206
7694	61740	267082	654206	643322	260216	65224	43950	2,257,786
7754	181542	346040	409954	461268	112120	56300	49922	2,032,820
2844	114916	395854	509192	240872	69736	36404	34262	1,674,800
6774	89234	189044	449730	333468	117328	40586	39034	1,548,852
4098	271472	394484	824032	718728	175390	63068	48784	2,905,228
3180	113692	319642	552674	659854	148066	65210	47974	2,160,833
0860	92700	273726	454010	376208	192504	67552	42946	1,766,536
2446	63550	136450	243200	76792	35296	24426	25320	892,242
9386	192378	501862	700486	367370	152598	60730	47302	2,336,520
4264	140448	232672	247704	105072	41132	30872	29480	1,113,374
4630	188084	378928	665294	725602	233700	74786	55734	2,677,270
9354	272846	316812	852194	305656	118292	51462	41304	2,438,946
9720	101904	179094	359418	285896	98288	36822	32488	1,336,000
4388	103616	274178	295246	257382	79234	43256	34720	1,342,541
5298	91246	177172	251538	110862	34670	23156	24046	946,844
8756	135826	336006	564176	458224	154298	52212	41746	1,916,880
1336	64474	239342	341610	538198	99610	40282	35556	1,580,350
9948	151896	249648	229216	86240	37252	22622	24966	1,106,080
7336	83150	299458	428528	363262	97334	39022	30052	1,585,108
7356	100060	577594	625906	319284	82558	43272	40936	1,990,794
1728	89870	207358	381192	178996	60820	25996	25958	1,167,414
4566	191026	505100	711314	558138	201292	71190	46910	2,625,882
7170	164294	328918	341836	136300	60358	28454	30436	1,379,002
6724	201512	355842	434480	227258	64468	31480	38986	1,612,348

FLOW OF BOISE RIVER - IN ACRE FEET

CHART # 4

ON YEARS BEGINNING 1894 - 1895.

May	June	July	August	September	TOTAL
395220	225700	152380	63620	58000	1,559,520
555380	1464280	385520	81960	57500	3,301,340
508000(6)	415000(5)	143300	67250	62520	2,045,910
320280	299360	116848	45708	39168	1,482,884
608020	731400	356160	109940	68900	2,915,442
510720	300640	84156	53496	51196	2,177,972
626460	287420	116400	52222	49944	1,985,996
353460	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
513560	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
583660	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	705072	41132	30872	29480	1,113,374
665294	725602	233700	74786	55734	2,677,270
852194	305656	118292	51462	41304	2,438,946
359418	285896	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	29666	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 -

FOR IRRIGATION YEARS BEGINNING

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	365,1
1941-42	48,552	63,200	106,838	62,182	62,162	87,804	341,622	325,6
1942-43	42,564	64,068	81,782	153,190	116,564	235,138	1,006,532	722,8
1943-44	61,802	70,704	55,768	49,412	52,610	68,094	164,000	303,2
1944-45	40,828	52,198	42,902	56,270	80,144	99,160	202,368	473,1
1945-46	45,822	53,670	74,712	79,530	65,804	218,604	639,804	651,60
1946-47	67,394	72,214	109,392	60,362	87,278	181,276	289,398	545,76
1947-48	56,244	57,582	55,516	65,522	60,480	73,396	264,424	505,79
1948-49	44,642	53,918	51,094	49,038	45,674	146,834	416,548	566,86

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

IRRIGATION YEARS BEGINNING 1894-1895

March	April	May	June	July	August	September	TOTAL
8,448	188,300	365,336	266,776	83,332	53,206	41,318	1,400,910
7,804	341,622	325,676	362,374	137,452	46,974	35,340	1,680,172
6,138	1,006,532	722,804	627,754	359,598	103,756	56,098	3,569,848
8,094	164,000	303,208	247,726	106,382	43,684	34,768	1,258,158
9,160	202,368	473,146	405,996	139,808	51,316	39,146	1,683,282
8,604	639,804	651,660	378,824	137,194	58,374	45,934	2,449,932
1,276	289,398	545,764	297,238	114,094	43,050	37,208	1,904,668
8,396	264,424	505,792	459,706	53,489	23,529	17,873	1,693,553
6,834	416,548	566,862	301,108	91,898	40,464	31,126	1,839,206

Name of Canals	1	2	3	4	5	6	7	8	9	10	
New York Canal (MC #2)	1356	1364	1364	1487	1475	1471	1507	1639	1699	1735	22
Penitentiary	0	0	0	0	0	0	4	4	4	4	
Bubb (South Boise)	0	0	0	0	0	0	0	0	0	0	
Ridenbaugh	102	103	103	111	127	184	194	194	221	269	3
Settlers	0	0	0	0	0	0	0	0	0	0	
Thurman Mill	0	0	0	0	0	0	0	0	0	0	
Cruzen (Consumers)	0	0	0	0	0	0	0	0	0	0	
Boise City	0	0	0	0	0	0	0	0	0	0	
Farmers Union & B. V.	0	0	0	47	77	72	72	58	58	84	9
New Union	0	0	0	0	0	0	0	0	0	0	
New Dry Creek	0	0	0	0	0	0	0	0	0	0	
Ballantine	0	0	0	0	0	0	0	0	0	0	14
x Middleton Canals	0	0	0	0	0	0	0	0	0	0	0
Little Pioneer	0	0	0	0	0	0	0	0	0	0	0
Canyon County	0	0	0	0	0	0	0	0	0	0	20
x Eagle Island Canals	0	0	0	0	0	0	0	0	0	0	0
Phyllis	26	35	35	108	108	106	149	178	178	196	262
Eureka #1	0	0	0	0	0	0	0	0	0	0	0
Caldwell High Line	0	0	0	0	0	0	0	0	0	0	0
Sebree (Farmers Coop.)	0	0	0	0	0	0	0	0	0	0	0
Campbell	0	0	0	0	0	0	0	0	0	0	0
Siebenberg	0	0	0	0	0	0	0	0	0	0	0
Riverside #2	0	0	0	0	0	0	0	0	0	0	0
Pioneer Dixie	0	0	0	0	0	0	0	0	0	0	0
Eureka #2	0	0	0	0	0	0	0	0	0	0	0
Upper Center Point	0	0	0	0	0	0	0	0	0	0	0
Lower Center Point	0	0	0	0	0	0	0	0	0	0	0
x Miscellaneous	0	0	0	0	0	0	0	0	0	0	0
Total Canal Diversions	1484	1502	1502	1753	1787	1833	1926	2073	2160	2288	2929
River at Notus	3800	3660	3560	3480	3350	3330	3360	3380	3140	3000	2660
Totals	5284	5162	5062	5233	5137	5163	5286	5453	5300	5288	5589

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, Gr

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 1949, INCLUDING STORAGE

APRIL

	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	1639	1699	1735	2230	2524	2628	2606	2651	2729	2740	2762	2785	2790	2785
	4	4	4	4	4	4	4	5	6	6	6	7	7	7
	0	0	0	0	0	0	0	0	0	0	16	16	16	16
	194	221	269	309	367	359	412	445	464	480	497	490	506	500
	0	0	0	0	0	22	32	54	96	121	140	156	169	183
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	10	10	10	10
	0	0	0	0	0	0	0	0	0	0	18	17	15	14
2	58	58	84	90	95	90	105	127	162	186	207	218	223	228
0	0	0	0	0	0	0	0	0	0	0	17	16	16	15
0	0	0	0	14	14	14	14	24	35	58	58	60	60	64
0	0	0	0	0	0	0	0	0	0	0	20	20	19	19
0	0	0	0	0	47	54	62	44	123	169	164	167	167	123
0	0	0	0	20	24	28	33	34	35	37	38	40	42	44
0	0	0	0	0	0	0	36	40	44	48	52	56	58	60
0	0	0	0	0	0	0	20	30	30	30	35	35	40	45
9	178	178	196	262	312	358	306	306	319	411	447	355	418	411
0	0	0	0	0	0	0	5	5	6	15	15	15	15	15
0	0	0	0	0	0	0	0	0	0	0	0	58	56	55
0	0	0	0	0	0	78	78	101	101	183	227	227	274	297
0	0	0	0	0	0	0	0	10	10	12	14	14	15	17
0	0	0	0	0	0	0	0	8	8	9	10	12	13	15
0	0	0	0	0	0	0	66	55	105	100	100	107	95	87
0	0	0	0	0	0	0	0	20	20	30	40	50	67	75
0	0	0	0	0	0	0	0	20	24	42	50	65	68	68
0	0	0	0	0	0	3	3	5	7	10	13	16	19	19
0	0	0	0	0	0	0	0	0	0	0	0	13	17	17
0	0	0	0	0	0	0	0	0	30	30	30	30	30	30
26	2073	2160	2288	2929	3387	3638	3782	3984	4354	4717	4986	5055	5225	5219
60	3380	3140	3000	2660	2200	1860	1540	1170	862	718	886	1000	862	521
86	5453	5300	5288	5589	5587	5498	5322	5154	5216	5435	5872	6055	6087	5740

Mill Ditch Co.

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

& Jacobs or Julia Davis.

NALS

DING STORAGE

18	19	20	21	22	23	24	25	26	27	28	29	30
762	2785	2790	2785	2751	2802	2830	2825	2846	2858	2886	2891	2897
6	7	7	7	10	10	10	10	10	11	11	11	11
16	16	16	16	16	16	16	16	16	15	15	15	15
497	490	506	500	506	506	452	507	504	507	517	514	515
140	156	169	183	190	194	196	196	196	196	189	194	190
0	0	0	0	0	0	0	15	15	15	15	15	15
10	10	10	10	10	8	6	4	0	0	0	0	0
18	17	15	14	13	13	12	12	11	11	10	10	12
207	218	223	228	238	243	242	238	242	238	238	238	238
17	16	16	15	15	15	14	14	14	13	13	13	14
58	60	60	64	64	66	67	68	72	74	76	77	77
20	20	19	19	19	18	18	18	18	17	17	17	17
164	167	167	123	204	220	210	222	227	229	232	232	232
38	40	42	44	46	48	50	53	56	59	62	65	65
52	56	58	60	63	66	69	72	75	78	81	84	84
35	35	40	45	54	54	54	54	54	54	54	54	54
447	355	418	411	437	436	431	428	428	428	433	433	431
15	15	15	15	15	20	33	36	36	36	35	35	33
0	58	56	55	65	65	75	75	65	65	65	65	60
227	227	274	297	298	289	309	311	297	296	297	299	299
14	14	15	17	17	18	19	20	21	22	23	24	24
10	12	13	15	14	13	12	10	8	6	6	6	6
100	107	95	87	105	105	120	120	130	147	147	155	180
40	50	67	75	75	75	70	70	70	70	70	70	70
50	65	68	68	70	72	75	80	80	85	87	89	90
13	16	19	19	20	20	21	21	22	22	23	23	23
0	13	17	17	18	18	19	19	20	21	21	22	22
30	30	30	30	30	30	30	30	30	30	30	30	30
4986	5055	5225	5219	5362	5440	5460	5544	5563	5603	5653	5681	5704
826	1000	862	521	381	346	441	515	463	415	430	463	497
5872	6055	6087	5740	5743	5786	5901	6059	6026	6018	6083	6144	6201

In & Seven Suckers.

Chart No. 5

22	23	24	25	26	27	28	29	30	Total
51	2802	2830	2825	2846	2858	2886	2891	2897	69913
10	10	10	10	10	11	11	11	11	170
16	16	16	16	16	15	15	15	15	204
506	506	452	507	504	507	517	514	515	10965
190	194	196	196	196	196	189	194	190	2714
0	0	0	15	15	15	15	15	15	90
10	8	6	4	0	0	0	0	0	68
13	13	12	12	11	11	10	10	12	168
238	243	242	238	242	238	238	238	238	4354
15	15	14	14	14	13	13	13	14	189
64	66	67	68	72	74	76	77	77	1056
19	18	18	18	18	17	17	17	17	237
204	220	210	222	227	229	232	232	232	3127
46	48	50	53	56	59	62	65	65	879
63	66	69	72	75	78	81	84	84	1066
54	54	54	54	54	54	54	54	54	751
437	436	431	428	428	428	433	433	431	8909
15	20	33	36	36	36	35	35	33	370
65	65	75	75	65	65	65	65	60	769
298	289	309	311	297	296	297	299	299	4261
17	18	19	20	21	22	23	24	24	280
14	13	12	10	8	6	6	6	6	156
105	105	120	120	130	147	147	155	180	1924
75	75	70	70	70	70	70	70	70	942
70	72	75	80	80	85	87	89	90	1065
20	20	21	21	22	22	23	23	23	290
18	18	19	19	20	21	21	22	22	227
30	30	30	30	30	30	30	30	30	450
5362	5440	5460	5544	5563	5603	5653	5681	5704	115594
381	346	441	515	463	415	430	463	497	52290
5743	5786	5901	6059	6026	6018	6083	6144	6201	167884

No.	Name of Canal	1	2	3	4	5	6	7	8	9
1.	New York Canal (MC #2)	2920	2920	2931	2931	2572	2712	2808	2813	2813
2.	Penitentiary	10	10	10	10	10	11	11	12	12
3.	Bubb (South Boise)	10	15	15	17	17	17	19	19	19
4.	Ridenbaugh	525	527	514	514	521	527	527	527	526
5.	Settlers	190	194	194	197	196	196	196	196	196
6.	Thurman Mill	15	15	15	15	20	25	25	30	35
7.	Cruzen (Consumers)	20	20	21	21	21	22	22	22	23
8.	Boise City	36	36	36	36	36	36	36	36	36
9.	Farmers Union & B. V.	239	239	239	239	235	164	230	235	238
10.	Little Union	14	14	14	14	14	14	14	14	14
11.	New Dry Creek	82	82	82	82	82	82	84	84	86
12.	Ballantine	20	20	20	20	20	22	22	24	26
13.	x Middleton Canals	210	205	198	193	213	208	222	225	227
14.	Little Pioneer	60	60	60	60	60	59	59	55	53
15.	Canyon County	80	80	80	75	75	70	70	70	62
16.	x Eagle Island Canals	54	54	54	54	54	54	54	54	54
17.	Phyllis	434	412	143	415	419	420	423	423	424
18.	Eureka #1	32	32	31	29	29	28	29	29	28
19.	Caldwell High Line	77	71	65	65	54	56	56	56	56
20.	Sebree (Farmers Coop.)	319	319	330	330	332	319	316	325	325
21.	Campbell	24	24	22	22	20	20	20	20	20
22.	Siebenberg	12	10	8	7	6	6	6	6	6
23.	Riverside #2	190	210	211	221	242	237	232	235	245
24.	Pioneer Dixie	70	70	69	69	60	65	70	67	67
25.	Eureka #2	93	95	96	96	96	96	96	96	98
26.	Upper Center Point	23	23	22	20	18	16	14	13	12
27.	Lower Center Point	29	28	0	0	0	20	15	15	14
28.	x Miscellaneous	30	30	30	30	30	30	30	30	30
	Total Canal Diversions	5818	5815	5780	5782	5452	5532	5706	5731	5745
	River at Notus	624	902	961	830	680	597	545	558	571
	Totals	6442	6717	6741	6612	6132	6129	6251	6289	6316

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 &

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

DISCHARGE IN SECOND FEET, OF BOISE VALLEY
BY DAYS DURING THE IRRIGATION SEASON OF 1949,

MAY

3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2931	2931	2572	2712	2808	2813	2813	2863	2886	2891	2891	2891	2891	2875	2891
10	10	10	11	11	12	12	12	12	12	12	12	12	12	12
15	17	17	17	19	19	19	19	19	19	18	18	17	17	17
514	514	521	527	527	527	526	526	529	529	526	523	523	523	523
194	197	196	196	196	196	196	199	199	200	200	200	200	201	201
15	15	20	25	25	30	35	39	39	39	39	38	38	37	37
21	21	21	22	22	22	23	23	23	23	23	23	23	23	23
36	36	36	36	36	36	36	37	37	37	37	36	36	36	36
239	239	235	164	230	235	238	243	243	243	241	241	243	241	241
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
82	82	82	82	84	84	86	88	88	88	87	86	85	84	84
20	20	20	22	22	24	26	26	26	26	26	26	26	24	24
198	193	213	208	222	225	227	227	229	232	234	229	227	225	225
60	60	60	59	59	55	53	50	50	45	45	45	40	40	39
80	75	75	70	70	70	62	65	65	70	70	71	71	72	72
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
143	415	419	420	423	423	424	423	431	426	427	423	419	414	411
31	29	29	28	29	29	28	29	29	30	29	29	29	32	31
65	65	54	56	56	56	56	56	56	56	59	61	65	56	58
330	330	332	319	316	325	325	325	324	325	324	322	300	340	324
22	22	20	20	20	20	20	20	18	18	16	16	16	16	16
8	7	6	6	6	6	6	6	8	8	6	6	6	6	8
211	221	242	237	232	235	245	253	253	263	273	283	286	280	246
69	69	60	65	70	67	67	67	67	67	67	67	70	70	70
96	96	96	96	96	96	98	98	98	98	98	101	101	101	98
22	20	18	16	14	13	12	11	10	12	20	27	27	27	27
0	0	0	20	15	15	14	14	14	14	14	13	13	13	10
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
5780	5782	5452	5532	5706	5731	5745	5817	5851	5869	5880	5885	5862	5863	5818
961	830	680	597	545	558	571	533	521	539	558	652	2020	2340	2410
6741	6612	6132	6129	6251	6289	6316	6350	6372	6408	6438	6537	7882	8203	8228

Irrigation Association & Middleton Mill Ditch Co.

Conway & Hamming, Thos. Aiken, Catlin & Mace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin
esi Mill, Davis, Little Davis & Jacobs or Julia Davis.

DISCHARGE IN SECOND FEET, OF BOISE VALLEY CANALS
BY DAYS DURING THE IRRIGATION SEASON OF 1949, INCLUDING STORAGE

MAY

	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
9															
3	2863	2886	2891	2891	2891	2891	2891	2875	2891	2891	2891	2891	2891	2891	2891
2	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
19	19	19	19	19	18	18	17	17	16	16	15	15	14	14	14
26	526	529	529	529	526	523	523	523	518	520	520	513	497	494	492
96	199	199	200	200	200	200	200	201	201	201	197	190	190	192	192
35	39	39	39	39	39	38	38	37	37	36	36	35	34	34	34
23	23	23	23	23	23	23	23	23	22	22	22	22	21	21	21
36	37	37	37	37	37	36	36	36	36	36	36	36	36	36	36
38	243	243	243	243	241	241	243	241	243	241	241	236	221	221	223
14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15
86	88	88	88	88	87	86	85	84	83	82	81	80	77	75	73
26	26	26	26	26	26	26	26	24	24	24	24	24	24	24	24
227	227	229	232	234	229	227	227	225	225	215	208	198	210	215	215
53	50	50	45	45	45	45	40	40	39	39	38	37	35	30	30
62	65	65	70	70	71	71	71	72	73	73	73	73	73	75	75
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
424	423	431	426	427	423	419	414	414	411	407	411	399	391	386	381
28	29	29	30	29	29	29	29	32	31	31	31	31	29	31	29
56	56	56	56	59	61	65	65	56	58	58	58	58	56	56	56
325	325	324	325	324	322	300	340	324	332	340	346	350	319	319	319
20	20	18	18	16	16	16	16	16	16	16	16	16	16	17	17
6	6	8	8	6	6	6	6	6	8	8	8	10	15	10	10
245	253	253	263	273	283	286	280	246	246	247	227	227	227	228	216
67	67	67	67	67	67	70	70	70	70	69	69	69	69	68	60
98	98	98	98	98	101	101	101	98	95	95	95	95	93	89	88
12	11	10	12	20	27	27	27	27	27	22	23	20	15	15	15
14	14	14	14	14	13	13	13	13	10	10	8	6	4	4	4
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
5745	5817	5851	5869	5880	5885	5862	5863	5818	5802	5799	5738	5699	5656	5624	5
571	533	521	539	558	652	2020	2340	2410	2140	2880	3170	2940	2370	1910	1
6316	6350	6372	6408	6438	6537	7882	8203	8228	7942	8679	8908	8639	8026	7534	71

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

Julia Davis.

LEY CANALS INCLUDING STORAGE

17	18	19	20	21	22	23	24	25	26	27	28	29	30
891	2891	2891	2891	2891	2891	2891	2891	2891	2891	2891	2891	2891	2891
12	12	12	12	12	12	10	10	10	10	10	10	10	10
16	16	15	15	14	14	14	14	14	14	14	14	14	14
518	520	520	513	497	494	493	507	507	514	525	525	527	531
201	201	197	190	190	192	192	194	199	200	200	200	199	199
37	36	36	35	34	34	34	32	32	32	32	32	32	32
22	22	22	22	21	21	21	21	21	21	21	21	21	21
36	36	36	36	36	36	36	36	36	36	36	36	36	36
243	241	241	236	221	221	223	233	233	233	235	241	241	239
15	15	15	15	15	15	15	15	15	15	15	15	15	15
83	82	81	80	77	75	73	71	69	69	69	70	68	70
24	24	24	24	24	24	24	24	24	24	24	20	20	20
225	215	208	198	210	215	215	215	241	256	232	215	220	213
39	39	38	37	35	30	30	28	26	26	30	30	30	30
73	73	73	73	73	75	75	76	76	76	76	70	70	70
54	54	54	54	54	54	54	54	54	54	54	54	54	54
411	407	411	399	391	386	381	383	375	375	375	375	359	362
31	31	31	31	29	31	29	31	34	35	35	35	36	38
58	58	58	58	56	56	56	59	59	58	56	65	65	65
324	332	340	346	350	319	319	316	316	0	316	319	313	327
16	16	16	16	16	17	17	17	17	17	17	17	17	17
8	8	8	10	15	10	10	10	10	12	12	12	12	12
246	246	247	227	227	228	216	216	217	195	195	195	195	195
70	70	69	69	69	68	60	60	59	59	59	59	59	59
98	95	95	95	93	89	88	88	88	88	89	89	89	89
27	22	23	20	15	15	15	15	15	15	16	16	16	16
10	10	8	6	4	4	4	4	4	10	16	16	16	16
30	30	30	30	30	30	30	30	30	30	30	30	30	30
5818	5802	5799	5738	5699	5656	5624	5650	5672	5365	5680	5672	5655	5671
2410	2140	2880	3170	2940	2370	1910	1510	1600	1980	2740	3090	4470	5080
8228	7942	8679	8908	8639	8026	7534	7160	7272	7345	8420	8762	10125	10751

n, Joplin & Seven Suckers.

20	21	22	23	24	25	26	27	28	29	30	31	Total
2891	2891	2891	2891	2891	2891	2891	2891	2891	2891	2891	2891	88968
12	12	12	10	10	10	10	10	10	10	10	10	342
15	14	14	14	14	14	14	14	14	14	14	14	491
513	497	494	493	507	507	514	525	525	527	531	528	16106
190	190	192	192	194	199	200	200	200	199	199	199	6107
35	34	34	34	32	32	32	32	32	32	32	32	966
22	21	21	21	21	21	21	21	21	21	21	21	672
36	36	36	36	36	36	36	36	36	36	36	36	1120
236	221	221	223	233	233	233	235	241	241	239	237	7271
15	15	15	15	15	15	15	15	15	15	15	15	449
80	77	75	73	71	69	69	69	70	68	70	70	2459
24	24	24	24	24	24	24	24	20	20	20	18	716
198	210	215	215	215	241	256	232	215	220	213	222	6804
37	35	30	30	28	26	26	30	30	30	30	31	1324
73	73	75	75	76	76	76	76	70	70	70	70	2245
54	54	54	54	54	54	54	54	54	54	54	54	1674
399	391	386	381	383	375	375	375	375	359	362	419	12555
31	29	31	29	31	34	35	35	35	36	38	41	972
58	56	56	56	59	59	58	56	65	65	65	65	1857
346	350	319	319	316	316	0	316	319	313	327	321	9733
16	16	17	17	17	17	17	17	17	17	17	16	561
10	15	10	10	10	10	12	12	12	12	12	12	274
227	227	228	216	216	217	195	195	195	195	195	201	7160
69	69	68	60	60	59	59	59	59	59	59	59	2030
95	93	89	88	88	88	88	89	89	89	89	89	2919
20	15	15	15	15	15	15	16	16	16	16	16	557
6	4	4	4	4	4	10	16	16	16	16	16	360
30	30	30	30	30	30	30	30	30	30	30	30	930
5738	5699	5656	5624	5650	5672	5365	5680	5672	5655	5671	5733	177622
3170	2940	2370	1910	1510	1600	1980	2740	3090	4470	5080	4890	56611
8908	8639	8026	7534	7160	7272	7345	8420	8762	10125	10751	10623	234233

uckers.

	Name of Canal	1	2	3	4	5	6	7	8	9	10
1.	New York Canal (MC #2)	2891	2891	2891	2891	2891	2891	2891	2891	2891	2891
2.	Penitentiary	9	9	9	9	9	9	9	9	9	12
3.	Bubb (South Boise)	14	14	14	14	14	14	14	14	15	15
4.	Ridenbaugh	484	484	486	489	504	520	517	519	527	523
5.	Settlers	182	175	175	182	185	187	190	194	194	194
6.	Thurman Mill	30	30	28	28	26	24	26	30	30	32
7.	Cruzen (Consumers)	21	21	21	21	21	21	21	21	21	21
8.	Boise City	34	34	34	34	34	34	34	34	30	30
9.	Farmers Union & B. V.	241	239	241	241	186	236	241	240	240	244
0.	Little Union	14	14	14	14	14	14	14	14	13	13
1.	New Dry Creek	74	74	76	76	78	78	78	79	79	80
2.	Ballantine	17	17	16	16	14	14	14	14	12	12
3.	x Middleton Canals	210	198	215	210	213	225	232	229	227	222
4.	Little Pioneer	40	40	40	40	40	40	51	40	35	35
5.	Canyon County	60	40	40	40	39	39	39	40	42	44
6.	x Eagle Island Canals	54	54	54	54	54	54	54	54	54	54
7.	Phyllis	449	433	429	415	398	393	391	389	390	391
8.	Eureka #1	33	33	33	33	33	33	33	33	32	31
9.	Caldwell High Line	56	51	51	56	56	56	43	56	56	65
0.	Sebree (Farmers Coop.)	305	284	295	291	297	289	316	316	316	316
1.	Campbell	16	15	14	14	13	13	13	13	14	14
2.	Siebenberg	12	12	12	12	12	8	6	8	8	12
3.	Riverside #2	206	208	198	175	170	175	175	165	155	155
4.	Pioneer Dixie	60	58	54	55	55	50	50	50	60	60
5.	Eureka #2	90	85	80	80	80	76	72	72	83	90
6.	Upper Center Point	16	16	16	15	15	15	15	15	20	18
7.	Lower Center Point	17	17	16	16	10	8	8	6	8	8
8.	x Miscellaneous	30	30	30	30	30	30	30	30	30	30
	Total Canal Diversions	5665	5576	5582	5551	5491	5546	5577	5575	5591	5612
29.	River at Notus	4850	4310	3110	2410	1270	1360	1660	1460	1190	978
	Totals	10515	9886	8692	7961	6761	6906	7237	7035	6781	6590

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 1949, INCLUDING STORAGE

JUNE

	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2891	2891	2891	2891	2891	2891	2891	2891	2891	2606	2436	2503	2481	2493
9	9	9	9	12	13	13	14	12	12	12	12	12	12	12
4	14	14	15	15	16	16	17	17	17	17	17	17	18	18
20	517	519	527	523	537	552	554	562	550	545	557	549	539	535
37	190	194	194	194	195	195	193	195	195	194	194	193	193	192
24	26	30	30	32	32	34	34	34	34	35	35	36	36	37
21	21	21	21	21	21	21	21	21	23	23	23	23	25	25
34	34	34	30	30	30	24	24	24	30	30	32	33	33	33
36	241	240	240	244	243	243	241	244	234	234	246	244	244	236
14	14	14	13	13	13	13	12	12	12	12	12	13	13	13
78	78	79	79	80	80	81	81	81	80	80	80	78	78	78
14	14	14	12	12	12	10	10	10	10	12	12	14	15	16
225	232	229	227	222	220	232	217	215	229	179	217	217	205	210
40	51	40	35	35	30	30	30	30	30	30	30	30	30	18
39	39	40	42	44	48	48	48	48	48	48	50	52	52	55
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
393	391	389	390	391	388	403	410	408	418	422	413	402	398	378
33	33	33	32	31	34	34	34	32	36	38	39	38	39	41
56	43	56	56	65	65	65	65	65	62	48	37	37	52	53
289	316	316	316	316	327	327	325	322	313	306	286	311	311	314
13	13	13	14	14	15	15	16	17	18	19	20	21	21	21
8	6	8	8	12	12	12	12	10	7	8	8	12	12	12
175	175	165	155	155	155	155	153	153	153	166	166	166	166	166
50	50	50	60	60	60	60	62	62	62	48	48	48	48	48
76	72	72	83	90	91	91	88	76	72	85	72	40	63	63
15	15	15	20	18	18	16	12	20	24	24	21	25	22	22
8	8	6	8	8	9	9	8	7	6	6	6	8	8	8
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
5546	5577	5575	5591	5612	5639	5674	5656	5652	5650	5311	5153	5206	5198	5181
1360	1660	1460	1190	978	986	1110	1440	936	558	396	267	317	415	458
6906	7237	7035	6781	6590	6625	6784	7096	6588	6208	5707	5420	5523	5613	5639

Middleton Mill Ditch Co.

hos. Aiken, Catlin & Mace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers.
tle Davis & Jacobs or Julia Davis.

F BOISE VALLEY CANALS

ON OF 1949, INCLUDING STORAGE

	16	17	18	19	20	21	22	23	24	25	26	27	28	
1	2606	2436	2503	2481	2493	2493	2493	2493	2493	2441	2441	2441	2451	248
2	12	12	12	12	12	12	13	13	13	13	13	13	13	1
7	17	17	17	18	18	18	18	18	17	17	17	17	17	1
0	545	557	549	539	535	518	523	526	501	507	507	503	498	49
5	194	194	193	193	192	192	192	192	192	190	190	193	193	19
84	35	35	36	36	37	37	37	36	35	35	34	33	33	3
23	23	23	23	25	25	25	25	25	25	25	25	25	25	2
30	30	32	33	33	33	33	33	33	33	34	34	34	34	3
34	234	246	244	244	236	244	239	240	242	239	241	244	240	24
12	12	12	13	13	13	13	13	13	13	13	13	14	14	1
80	80	80	78	78	78	78	76	72	62	62	62	62	62	62
10	12	12	14	15	16	17	17	17	17	17	17	17	17	17
229	179	217	217	205	210	199	198	189	186	210	209	210	207	198
30	30	30	30	30	18	18	18	18	7	7	7	7	51	40
48	48	50	52	52	55	55	55	60	60	60	60	60	94	90
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
418	422	413	402	398	378	382	384	388	395	407	407	412	412	409
36	38	39	38	39	41	40	42	42	42	41	41	40	40	43
62	48	37	37	52	53	48	47	48	44	50	48	47	48	47
313	306	286	311	311	314	311	310	291	307	314	322	321	335	334
18	19	20	21	21	21	18	15	15	16	16	17	17	18	18
7	8	8	12	12	12	12	12	12	12	12	12	12	12	11
153	166	166	166	166	166	160	156	157	155	155	155	155	157	157
62	48	48	48	48	48	54	58	56	58	58	58	58	56	56
72	85	72	40	63	63	71	71	68	71	85	90	92	96	105
24	24	21	25	22	22	21	21	21	19	19	25	25	28	28
6	6	6	8	8	8	16	20	24	24	24	24	23	23	23
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
5650	5311	5153	5206	5198	5181	5169	5170	5151	5123	5135	5153	5159	5258	5276
558	396	267	317	415	458	372	305	260	210	133	118	135	154	160
6208	5707	5420	5523	5613	5639	5541	5475	5411	5333	5268	5271	5294	5412	5436

m Springs Slough, Joplin & Seven Suckers.

21	22	23	24	25	26	27	28	29	30	Total
2493	2493	2493	2493	2441	2441	2441	2451	2488	2493	80611
12	13	13	13	13	13	13	13	13	13	346
18	18	18	17	17	17	17	17	17	17	485
518	523	526	501	507	507	503	498	498	497	15611
192	192	192	192	190	190	193	193	192	192	5715
37	37	36	35	35	34	33	33	33	33	977
25	25	25	25	25	25	25	25	25	25	686
33	33	33	33	34	34	34	34	34	34	961
244	239	240	242	239	241	244	240	240	238	7165
13	13	13	13	13	13	14	14	14	13	396
78	76	72	62	62	62	62	62	62	62	2229
17	17	17	17	17	17	17	17	17	17	437
199	198	189	186	210	209	210	207	198	201	6329
18	18	18	7	7	7	7	51	40	40	902
55	55	60	60	60	60	60	94	90	50	1564
54	54	54	54	54	54	54	54	54	54	1620
382	384	388	395	407	407	412	412	409	408	12122
40	42	42	42	41	41	40	40	43	44	1107
48	47	48	44	50	48	47	48	47	46	1568
311	310	291	307	314	322	321	335	334	334	9346
18	15	15	16	16	17	17	18	18	18	490
12	12	12	12	12	12	12	12	11	11	325
160	156	157	155	155	155	155	157	157	157	4945
54	58	56	58	58	58	58	56	56	56	1666
71	71	68	71	85	90	92	96	105	96	2394
21	21	21	19	19	25	25	28	28	28	600
16	20	24	24	24	24	23	23	23	23	413
30	30	30	30	30	30	30	30	30	30	900
5169	5170	5151	5123	5135	5153	5159	5258	5276	5230	161910
372	305	260	210	133	118	135	154	160	129	31457
5541	5475	5411	5333	5268	5271	5294	5412	5436	5359	193367

	Name of Canal	1	2	3	4	5	6	7	8	9	10
1.	New York Canal (MC #2)	2498	2508	2495	2436	2410	2363	2399	2425	2493	2460
2.	Penitentiary	13	13	13	13	13	13	13	13	13	13
3.	Bubb (South Boise)	16	16	15	15	14	14	14	15	16	17
4.	Ridenbaugh	489	495	497	495	497	495	505	497	501	497
5.	Settlers	192	192	192	192	190	192	190	192	192	195
6.	Thurman Mill	32	32	32	32	30	30	32	32	34	34
7.	Cruzen (Consumers)	24	24	24	24	23	23	23	24	24	24
8.	Boise City	32	32	32	32	32	34	34	34	36	36
9.	Farmers Union & B. V.	233	235	233	232	234	232	236	234	236	236
10.	Little Union	13	13	13	13	12	12	13	13	13	13
11.	New Dry Creek	65	65	65	65	65	65	64	64	62	62
12.	Ballantine	16	16	16	16	16	16	16	17	17	17
13.	x Middleton Canals	193	187	163	171	170	179	181	179	178	176
14.	Little Pioneer	7	7	7	7	7	7	18	18	18	18
15.	Canyon County	50	50	50	75	80	96	80	80	80	80
16.	x Eagle Island Canals	54	54	54	54	54	54	54	54	54	54
17.	Phyllis	360	327	327	330	333	333	333	334	334	358
18.	Eureka #1	42	40	40	37	34	34	34	33	33	35
19.	Caldwell High Line	43	44	43	41	40	39	37	35	33	32
20.	Sebree (Farmers Coop.)	332	322	322	321	295	269	266	266	255	259
21.	Campbell	18	18	18	18	17	17	17	17	17	17
22.	Siebenberg	10	8	8	8	10	12	13	13	13	13
23.	Riverside #2	153	154	155	154	153	154	154	153	153	153
24.	Pioneer Dixie	56	55	54	52	50	49	49	50	50	50
25.	Eureka #2	96	85	81	81	76	61	61	66	70	73
26.	Upper Center Point	19	14	15	20	20	20	20	22	22	21
27.	Lower Center Point	20	20	18	18	18	18	17	17	17	17
28.	x Miscellaneous	30	30	30	30	30	30	30	30	30	30
	Total Canal Diversions	5106	5056	5012	4982	4923	4861	4903	4927	4994	4990
	River st Notus	112	103	92	94	103	85	68	52	51	51
	Totals	5218	5159	5104	5076	5026	4946	4971	4979	5045	5041

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 1949, INCLUDING STORAGE

JULY

7	8	9	10	11	12	13	14	15	16	17	18	19	20
2399	2425	2493	2460	2415	2420	2460	2482	2487	2492	2482	2463	2458	2357
13	13	13	13	13	13	12	12	12	12	12	12	12	12
14	15	16	17	18	18	18	17	17	17	17	17	17	16
505	497	501	497	498	495	500	516	507	459	461	468	458	465
190	192	192	195	193	172	172	164	164	164	163	176	175	173
32	32	34	34	36	34	30	28	28	28	28	28	28	28
23	24	24	24	24	24	25	25	26	26	27	27	27	27
34	34	36	36	36	36	35	35	34	33	32	31	30	25
236	234	236	236	237	186	187	185	184	190	188	151	162	162
13	13	13	13	13	13	13	13	13	13	13	13	13	11
64	64	62	62	61	61	61	60	60	59	59	59	59	46
16	17	17	17	17	17	17	17	17	17	17	17	17	12
181	179	178	176	174	174	175	0	0	161	133	133	133	133
18	18	18	18	18	40	40	40	38	38	38	38	38	20
80	80	80	80	80	90	50	50	52	52	52	52	52	52
54	54	54	54	54	54	54	54	40	40	40	40	40	32
333	334	334	358	367	363	358	361	357	351	351	343	338	345
34	33	33	35	35	31	33	34	34	35	37	31	32	25
37	35	33	32	30	28	28	29	29	35	40	41	32	20
266	266	255	259	267	281	288	291	230	230	279	267	209	228
17	17	17	17	17	17	15	15	15	15	15	15	17	17
13	13	13	13	13	13	13	8	8	8	8	8	5	5
154	153	153	153	151	151	145	152	152	151	153	153	151	154
49	50	50	50	52	52	52	45	45	46	44	44	46	40
61	66	70	73	70	66	72	60	60	61	61	61	60	58
20	22	22	21	21	21	23	22	21	21	18	18	12	10
17	17	17	17	17	17	15	15	17	17	18	19	21	20
30	30	30	30	30	30	30	30	23	23	23	23	23	18
4903	4927	4994	4990	4957	4917	4921	4760	4670	4794	4809	4748	4665	4511
68	52	51	51	52	54	51	51	44	39	36	37	63	54
4971	4979	5045	5041	5009	4971	4972	4811	4714	4833	4845	4785	4728	4565

leton Mill Ditch Co.

Aiken, Catlin & Mace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers.
Davis & Jacobs or Julia Davis.

DRAGE

19	20	21	22	23	24	25	26	27	28	29	30	31	Total
2458	2357	2337	2362	2305	2275	2265	2175	2190	2112	2090	2040	2050	73207
12	12	12	12	12	12	12	12	12	12	12	12	12	384
17	16	16	15	15	14	14	14	14	14	13	13	13	479
458	465	461	457	460	466	456	453	451	453	453	444	453	14802
175	173	139	193	141	141	143	138	134	132	129	127	125	5123
28	28	28	28	27	27	27	27	27	27	27	27	27	915
27	27	25	25	24	24	24	24	24	24	24	24	24	761
30	25	25	25	25	25	25	25	25	24	23	23	23	929
162	162	162	160	163	164	168	166	166	163	162	161	160	5968
13	11	11	11	11	11	11	11	11	11	11	11	11	377
59	46	46	46	45	45	45	44	43	43	43	43	43	1713
17	12	12	12	12	12	12	12	12	12	12	12	12	460
133	133	104	102	101	96	105	105	105	104	104	104	104	4127
38	20	20	22	22	22	22	22	18	18	18	18	18	682
52	52	50	50	50	50	70	77	75	70	50	50	50	1945
40	32	32	32	32	32	32	32	32	32	32	32	32	1340
338	345	341	332	314	294	292	303	296	302	286	283	275	10221
32	25	22	22	23	23	25	20	21	21	22	22	23	933
32	20	26	26	21	21	26	26	21	21	21	21	21	950
209	228	209	209	209	211	209	209	197	197	197	176	181	7681
17	17	17	17	17	17	17	17	17	18	13	13	13	508
5	5	5	5	5	4	4	4	10	15	8	8	7	272
151	154	149	142	143	139	139	138	137	135	131	130	129	4561
46	40	45	52	50	54	54	54	55	55	57	57	57	1571
60	58	57	57	57	57	57	54	54	54	49	50	52	1977
12	10	9	9	9	0	0	10	11	11	11	12	12	474
21	20	22	22	20	0	0	15	21	21	21	21	21	540
23	18	18	18	18	18	18	18	18	18	18	18	18	751
4665	4511	4400	4409	4331	4254	4272	4205	4197	4122	4037	3952	3966	143651
63	54	44	39	39	41	41	39	37	35	38	38	42	1725
4728	4565	4444	4448	4370	4295	4313	4244	4234	4157	4075	3990	4008	145376

ven Suckers.

Name of Canal	1	2	3	4	5	6	7	8	9	10
New York Canal (MC #2)	2050	2130	2115	2160	2155	2115	2125	2115	2125	2115
Penitentiary	12	8	8	11	11	11	11	11	11	11
Bubb (South Boise)	12	12	12	12	12	12	12	12	12	12
Kidenbaugh	452	445	445	382	393	388	385	383	385	395
Settlers	121	118	117	115	113	112	93	96	94	98
Thurman Mill	28	28	28	28	28	30	30	35	34	32
Cruzen (Consumers)	24	24	24	24	24	23	23	23	23	23
Boise City	23	23	23	23	24	24	24	24	24	24
Farmers Union & B. V.	164	160	164	160	155	158	162	155	164	167
Little Union	11	11	11	11	11	11	11	11	11	11
New Dry Creek	44	43	43	55	55	53	53	53	47	53
Ballantine	10	10	10	10	10	10	10	8	8	8
x Middleton Canals	102	98	93	92	70	92	88	87	96	96
Little Pioneer	18	18	18	18	18	18	33	33	30	33
Canyon County	52	50	54	50	50	40	40	40	40	42
x Eagle Island Canals	32	32	32	32	32	32	32	32	32	32
Phyllis	263	259	270	304	317	316	320	317	308	314
Eureka #1	21	22	19	19	19	18	20	20	20	20
Caldwell High Line	21	22	23	23	24	25	39	48	48	48
Sebree (Farmers Coop.)	187	176	165	153	149	149	130	139	189	198
Campbell	10	10	11	10	7	7	7	7	7	15
Siebenberg	4	4	5	7	8	11	8	8	8	10
Riverside #2	126	126	126	129	130	104	104	104	114	114
Pioneer Dixie	60	60	60	57	56	56	56	56	56	56
Eureka #2	50	52	52	52	41	33	33	46	44	42
Upper Center Point	10	15	12	12	12	10	10	10	12	12
Lower Center Point	20	20	21	21	21	21	20	18	18	15
x Miscellaneous	18	18	18	18	18	18	18	18	18	18
Total Canal Diversions	3945	3994	3979	3988	3963	3897	3897	3909	3978	4014
River at Notus	44	44	39	39	36	23	26	30	39	34
Totals	3989	4038	4018	4027	3999	3920	3923	3939	4017	4048

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 1949, INCLUDING STORAGE

AUGUST

	9	10	11	12	13	14	15	16	17	18	19	20	21	22
8														
5	2125	2115	2155	2115	2085	2110	2035	1968	2055	2040	2160	2105	2016	1949
1	11	11	10	8	8	8	8	8	8	8	8	8	8	8
2	12	12	12	12	12	12	12	12	12	12	12	12	12	13
3	385	395	394	388	386	389	388	386	388	388	388	388	391	391
6	94	98	96	97	96	116	123	123	124	118	120	123	125	125
5	34	32	30	30	30	30	30	30	30	28	28	28	28	28
3	23	23	23	23	22	22	22	21	21	21	21	20	20	20
4	24	24	24	24	25	25	25	25	25	25	25	25	27	27
55	164	167	164	164	164	166	164	163	162	162	162	162	164	164
11	11	11	10	10	9	9	8	8	8	8	7	7	7	7
53	47	53	53	52	52	52	52	52	52	52	42	42	42	42
8	8	8	8	8	8	8	12	12	12	8	8	8	8	8
87	96	96	96	95	95	92	95	96	96	97	97	97	98	98
33	30	33	33	32	32	32	32	38	17	22	17	18	18	18
40	40	42	40	44	44	44	44	50	50	50	50	50	50	51
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
17	308	314	311	308	308	312	312	312	315	312	300	297	261	268
20	20	20	20	20	20	19	19	19	19	19	20	20	20	20
48	48	48	48	48	52	48	51	51	51	45	45	45	45	45
139	189	198	199	202	199	218	229	220	202	199	199	193	193	176
7	7	15	15	15	20	20	20	15	15	15	15	10	10	10
8	8	10	8	10	11	11	11	11	11	11	7	7	7	0
104	114	114	130	130	130	129	131	130	129	128	131	133	135	138
56	56	56	56	56	56	57	57	58	59	60	57	57	55	52
46	44	42	42	41	41	40	40	34	34	36	48	53	53	54
10	12	12	12	14	14	14	14	14	12	12	14	14	14	16
18	18	15	12	21	21	21	21	18	18	18	18	18	18	15
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
909	3978	4014	4051	4017	3990	4054	4005	3924	3975	3944	4049	3990	3879	3793
30	39	34	39	38	38	46	50	44	41	39	41	42	41	54
939	4017	4048	4090	4055	4028	4100	4055	3968	4016	3983	4090	4032	3920	3847

Ditch Co.

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

obs or Julia Davis.

AGE

	20	21	22	23	24	25	26	27	28	29	30	31	Total
	2105	2016	1949	1954	1882	1819	1829	1749	1657	1625	1625	1611	61749
	8	8	8	8	8	8	8	8	8	8	8	8	275
	12	12	13	13	13	13	12	12	12	12	12	0	364
	388	391	391	391	391	395	391	391	391	393	393	394	12252
	123	125	125	125	125	125	125	125	125	126	126	126	3591
	28	28	28	28	28	20	20	20	17	17	17	17	835
	20	20	20	20	20	20	20	20	20	19	19	19	668
	25	27	27	26	25	24	24	24	24	24	24	24	757
	162	164	164	166	166	166	168	118	168	163	162	154	5001
	7	7	7	7	7	7	8	9	9	10	10	10	285
	42	42	42	42	42	42	42	42	42	42	42	42	1462
	8	8	8	5	5	8	8	8	8	10	10	10	274
	97	98	98	100	100	100	80	101	101	101	102	102	2953
	18	18	18	23	20	20	20	12	9	5	17	17	689
	50	50	51	51	51	51	51	51	51	51	51	51	1484
	32	32	32	32	32	32	32	32	32	32	32	32	992
	297	261	268	273	296	291	324	0	0	0	0	0	7788
	20	20	20	18	18	20	20	20	20	20	20	20	609
	45	45	45	45	42	42	36	31	40	35	29	29	1224
	193	193	176	176	177	171	148	148	220	220	198	168	5690
	10	10	10	10	10	11	11	11	11	11	11	11	368
	7	7	0	0	7	5	4	4	8	8	8	8	230
	133	135	138	140	142	142	142	144	144	144	140	140	4029
	57	55	52	50	50	50	50	48	48	48	50	50	1697
	53	53	54	52	40	40	40	41	51	51	52	52	1380
	14	14	16	15	15	16	15	15	14	14	14	14	411
	18	18	15	13	13	13	14	14	14	15	18	18	546
	18	18	18	18	18	18	18	18	18	18	18	18	558
	3990	3879	3793	3801	3743	3669	3660	3216	3262	3222	3208	3145	118161
	42	41	54	57	51	56	50	48	54	54	57	58	1352
	4032	3920	3847	3858	3794	3725	3710	3264	3316	3276	3265	3203	119513

Suckers.

Name of Canal	1	2	3	4	5	6	7	8	9	10	
New York Canal (MC #2)	1545	1450	1545	1540	1545	1566	1607	1611	0	0	
Penitentiary	8	8	8	8	8	8	8	8	0	0	
Bubb (South Boise)	0	0	0	0	0	0	0	8	8	8	
Ridenbaugh	397	429	390	394	394	397	397	0	0	0	
Settlers	126	126	126	126	126	126	125	125	125	125	1
Thurman	22	22	22	22	22	22	22	22	20	20	
Cruzen (Consumers)	20	20	20	21	21	21	23	23	23	23	
Boise City	24	24	24	22	22	22	22	20	20	20	
Farmers Union & B. V.	154	93	91	91	91	93	97	97	95	93	
Little Union	9	9	9	9	9	9	9	9	9	9	
New Dry Creek	36	36	36	35	30	30	30	31	31	31	
Ballantine	10	10	10	10	11	11	11	11	11	11	
x Middleton Canals	102	97	97	83	97	97	97	97	97	97	
Little Pioneer	40	24	24	24	20	20	40	30	28	20	
Canyon County	44	44	44	44	45	47	49	49	48	48	
x Eagle Island Canals	32	32	32	32	32	32	32	32	32	32	
Phyllis	0	0	202	217	268	269	275	303	276	302	
Eureka #1	20	20	19	20	20	19	19	19	18	18	
Caldwell High Line	22	17	32	22	22	15	16	17	17	17	
Sebree (Farmers Coop.)	148	144	115	153	148	148	144	144	176	220	
Campbell	10	10	10	9	9	9	9	9	9	9	
Siebenberg	10	10	10	8	8	7	5	5	5	5	
Riverside #2	146	146	150	150	152	171	171	171	173	173	
Pioneer Dixie	50	50	46	46	44	40	40	40	38	38	
Eureka #2	52	43	48	48	52	51	50	45	50	52	
Upper Center Point	12	12	11	11	9	9	8	9	9	9	
Lower Center Point	23	23	21	18	18	18	18	15	15	15	
x Miscellaneous	18	18	18	18	18	18	18	18	18	18	
Total Canal Diversions	3080	2917	3160	3181	3241	3275	3342	2968	1351	1413	1406
River at Notus	57	50	47	57	63	58	56	68	76	85	90
Totals	3137	2967	3207	3238	3304	3333	3398	3036	1427	1498	1496

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 1949, INCLUDING STORAGE

SEPTEMBER

9	10	11	12	13	14	15	16	17	18	19	20	21	22
0	0	0	0	0	0	839	1327	1316	1260	1260	1312	1279	1253
0	0	0	0	0	0	6	3	4	4	4	5	5	5
8	8	8	8	8	8	0	0	0	0	0	0	0	8
0	0	0	0	0	0	379	393	390	365	371	388	379	379
125	125	125	125	125	125	125	125	125	74	78	78	78	78
20	20	20	20	18	18	16	16	16	16	16	20	20	22
23	23	23	23	22	22	22	22	21	21	21	21	21	20
20	20	20	20	20	20	20	20	20	20	20	18	18	18
95	93	93	91	91	90	78	78	76	76	73	77	71	72
9	9	9	9	9	9	9	9	9	9	9	9	9	9
31	31	31	29	29	29	29	39	39	37	35	32	32	32
11	11	10	10	10	10	8	8	8	8	8	8	8	8
97	97	97	97	97	83	83	83	83	83	83	63	61	61
28	20	20	15	15	15	15	17	17	17	17	0	0	0
48	48	40	40	40	38	38	38	38	38	38	34	34	34
32	32	32	32	32	32	32	32	32	32	32	32	32	32
276	302	319	316	151	0	0	0	0	0	93	107	136	136
18	18	18	18	15	18	18	19	19	20	20	12	15	15
17	17	17	22	22	37	37	37	37	37	37	22	22	22
176	220	211	198	202	153	148	119	153	153	111	126	130	135
9	9	12	12	12	10	10	10	10	11	11	11	11	9
5	5	6	6	5	5	5	4	4	4	6	6	6	6
173	173	161	159	159	155	152	152	150	150	148	151	151	151
38	38	38	40	40	44	44	44	46	46	48	48	48	48
50	52	53	53	53	56	56	56	60	62	62	62	58	56
9	9	9	9	9	10	10	11	15	21	21	19	19	19
5	15	15	15	15	14	16	18	18	18	18	18	18	17
8	18	18	18	18	18	18	18	18	18	18	18	18	18
8	1351	1413	1406	1385	1217	1019	2215	2698	2724	2600	2658	2697	2663
8	76	85	90	87	101	124	152	170	220	246	246	204	131
6	1427	1498	1496	1472	1318	1143	2367	2868	2944	2846	2904	2901	2794

atch Co.
n & Mace, Hart & Davis, Graham & Gilbert, Warm Springs Slough, Joplin & Seven Suckers.
s or Julia Davis.

	20	21	22	23	24	25	26	27	28	29	30	Total
9												
0	1312	1279	1253	1115	990	984	910	860	856	885	907	29762
4	5	5	5	5	5	8	8	8	8	8	8	158
0	0	0	8	8	8	8	8	8	8	8	0	120
1	388	379	379	368	348	340	346	307	307	313	0	8171
8	78	78	78	78	78	78	78	78	78	78	78	3141
6	20	20	22	22	20	18	16	16	16	16	16	574
1	21	21	20	20	20	20	20	20	20	20	20	634
0	18	18	18	16	16	16	16	16	16	16	16	582
73	77	71	72	82	83	84	85	86	86	85	85	2637
9	9	9	9	9	9	9	9	9	9	9	9	270
35	32	32	32	31	29	29	29	28	28	28	28	949
8	8	8	8	8	8	8	8	8	8	8	8	277
33	63	61	61	61	61	64	64	63	63	63	63	2437
17	0	0	0	0	0	0	0	0	0	0	20	438
38	34	34	34	34	44	40	40	40	40	40	40	1230
32	32	32	32	32	32	32	32	32	32	32	32	960
93	107	136	136	151	210	225	218	212	88	40	51	4565
20	12	15	15	15	15	15	12	12	12	10	10	500
37	22	22	22	22	17	17	17	17	17	42	42	737
11	126	130	135	142	167	176	176	176	176	176	176	4744
11	11	11	9	9	9	9	12	12	12	12	12	309
6	6	6	6	5	5	5	5	8	8	8	8	188
48	151	151	151	146	146	146	146	132	132	132	132	4554
48	48	48	48	50	50	50	50	50	50	50	50	1366
62	62	58	56	52	48	48	45	45	45	44	44	1549
21	19	19	19	19	15	15	15	14	14	12	12	387
18	18	18	17	17	17	16	18	17	18	18	17	522
18	18	18	18	18	18	18	18	18	18	18	18	540
58	2697	2679	2663	2535	2468	2478	2401	2292	2165	2171	1902	72301
46	204	170	131	122	109	99	103	88	94	99	131	3403
04	2901	2849	2794	2657	2577	2577	2504	2380	2259	2270	2033	75704

Suckers.

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1949

No.	Name of Canal	APRIL	MAY	JUNE	JULY	A
1.	Board of Control (MC #2)	139826	177936	161222	146414	12
2.	Penitentiary	340	684	692	768	
3.	Bubb (South Boise)	408	982	970	958	
4.	Ridenbaugh	21930	32212	31222	29604	2
5.	Settlers	5428	12214	11430	10246	
6.	Thurman Mill	180	1932	1954	1830	
7.	Cruzen (Consumers)	136	1344	1372	1522	
8.	Boise City	336	2240	1922	1858	
9.	Farmers Union	6998	10336	10253	8432	7
10.	Boise Valley	1710	4206	4077	3504	2
11.	New Union	378	898	792	754	
12.	New Dry Creek	2112	4918	4458	3426	29
13.	Ballantine	474	1432	874	920	
14.	Middleton Canals	6254	13608	12658	8254	59
15.	Little Pioneer	1758	2648	1804	1364	13
16.	Canyon County	2132	4490	3128	3890	29
17.	Eagle Island Canals	1502	3348	3240	2680	19
18.	Phyllis	17818	25110	24244	20442	155
19.	Eureka #1	740	1944	2214	1866	12
20.	Caldwell High Line	1538	3714	3136	1900	24
21.	Farmers Coop.	8522	19466	18692	15362	1138
22.	Campbell	560	1122	980	1016	73
23.	Siebenberg	312	548	650	544	46
24.	Riverside	3848	14320	9890	9122	805
25.	Pioneer Dixie	1884	4060	3332	3142	339
26.	Eureka #2	2130	5838	4788	3954	276
27.	Upper Center Point	580	1114	1200	948	82
28.	Lower Center Point	454	720	826	1080	109
29.	Miscellaneous	900	1860	1800	1502	111
	Totals	231188	355244	323820	287302	236322

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM BOISE RIVER
DURING IRRIGATION SEASON OF 1949

MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTALS
177936	161222	146414	123498	59524	808420
684	692	768	550	316	3350
982	970	958	728	240	4286
32212	31222	29604	24504	16342	155814
12214	11430	10246	7182	6282	52782
1932	1954	1830	1670	1148	8714
1344	1372	1522	1336	1268	6978
2240	1922	1858	1514	1164	9034
10336	10253	8432	7035	2823	45877
4206	4077	3504	2967	2451	18915
898	792	754	570	540	3932
4918	4458	3426	2924	1898	19736
1432	874	920	548	554	4802
13608	12658	8254	5906	4874	51554
2648	1804	1364	1378	876	9828
4490	3128	3890	2968	2460	19068
3348	3240	2680	1984	1920	14674
25110	24244	20442	15576	9130	112320
1944	2214	1866	1218	1000	8982
3714	3136	1900	2448	1474	14210
19466	18692	15362	11380	9488	82910
1122	980	1016	736	618	5032
548	650	544	460	376	2890
14320	9890	9122	8058	9108	54346
4060	3332	3142	3394	2732	18544
5838	4788	3954	2760	3098	22568
1114	1200	948	822	774	5438
720	826	1080	1092	1044	5216
1860	1800	1502	1116	1080	8258
355244	323820	287302	236322	144602	1578478

	1915	1916	1917	1918	1919	1920	1921	1922
Board of Control	434,066	589,932	439,904	561,530	531,426	568,746	563,608	553,022
New York Stock		83,014	54,282	70,226	54,972	60,052	69,512	67,838
Penitentiary	1,066	1,464	1,452	1,530	2,426	2,580	3,032	2,940
Bubb	3,442	4,344	4,676	4,562	3,542	4,276	3,892	3,212
Ridenbaugh	98,468	103,386	97,080	112,186	101,802	106,712	128,616	120,472
Settlers	32,168	40,804	32,418	35,552	37,748	41,000	48,384	44,966
Thurman Mill	10,686	11,112	11,918	9,870	7,954	7,628	7,630	6,686
Consumers Water Corp.	19,946	22,756	17,408	28,748	25,194	25,140	23,530	23,024
Boise City	2,552	3,402	2,990	3,162	2,840	888	1,896	2,032
Farmers Union	34,500	31,804	26,042	32,644	25,110	26,646	41,360	38,982
Capital View Irr. Dist.	2,846	2,002	2,022	4,212	4,114	4,392	4,880	4,880
Boise Valley		12,936	6,438	11,374	13,296	13,704	14,142	15,416
New Union	2,940	3,178	3,902	3,048	2,890	2,496	3,392	3,272
New Dry Creek	11,983	12,500	10,466	10,698	11,154	13,972	16,000	16,712
Ballantine	1,546	2,006	1,752	2,436	3,560	2,882	2,460	3,900
Middleton Water Co.	23,480	21,404	15,982	26,044	21,004	24,332	28,232	31,016
Middleton Mill Ditch	14,688	15,094	15,666	15,240	15,106	15,290	15,078	24,190
Little Pioneer	5,716	6,620	5,466	5,904	5,966	6,802	5,822	6,632
Canyon Water Co.	15,190	18,034	14,158	16,034	15,254	14,356	21,414	23,218
7 Eagle Island Canals	11,394	14,164	12,204	14,968	13,196	12,702	13,308	12,212
Phyllis Canal	69,324	109,026	108,926	108,282	108,698	104,416	115,540	115,740
Eureka Water Company	4,578	5,334	3,574	5,226	6,094	5,264	5,166	6,390
Caldwell High Line	23,004	18,100	18,476	16,110	13,372	12,016	18,678	17,660
Farmers Coop.	63,282	85,544	69,638	84,974	67,628	84,448	93,052	38,650
Campbell (Canyon)	3,044	4,614	4,492	4,070	3,706	3,710	4,974	3,924
Siebenberg	2,806	3,588	2,750	3,428	3,230	3,420	3,508	3,090
Riverside No. 2	55,240	60,956	48,584	57,268	45,704	53,966	67,906	41,180
Pioneer Dixie	5,144	5,434	4,384	3,938	5,394	4,822	7,218	4,904
Eureka No. 2	11,438	10,626	9,170	11,156	12,264	13,334	15,280	15,412
Upper Center Point	3,240	3,262	2,348	3,024	3,276	2,912	2,850	3,472
Lower Center Point	2,262	1,850	1,558	2,542	2,062	3,278	2,052	1,784
Miscellaneous	8,852	9,292	8,102	9,930	8,566	8,458	8,610	8,118
Total Summer Diversions								
April 1 to September 30	976,838	1,217,572	1,058,228	1,279,916	1,176,828	1,254,640	1,361,022	1,305,946
New York Canal Diversions								
October 1 to March 31			93,356	157,484	163,000	185,000	211,000	164,000
Irrigation Requirements Below Diversion								173
Dam During October			39,100	33,996	27,106	17,806	24,070	35,892
Amount Passing Diversion Dam								29
From November 1 to April 1			170,196	165,570	121,418	137,420	119,294	134,784
Total			1,360,880	1,636,966	1,488,352	1,594,866	1,715,386	1,640,622
Summer Return Flow	194,850	353,506	314,462	371,632	279,366	232,512	362,928	294,100
Natural Flow Used			1,046,418	1,265,334	1,208,986	1,362,354	1,352,458	1,346,522
Combined with Board of Control								1,423

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET
APRIL 1ST TO SEPTEMBER 30TH - BEGINNING 1915

1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
68,746	563,608	553,022	643,878	201,622	611,376	375,000	642,778	576,716	574,030
60,052	69,512	67,838	71,808	35,298	60,074	29,836	60,788	51,718	41,366
2,580	3,032	2,940	3,100	772	2,122	1,734	1,954	2,144	1,650
4,276	3,892	3,212	4,048	2,818	3,202	2,834	3,348	3,712	3,688
06,712	128,616	120,472	135,908	87,636	135,696	108,210	132,334	132,446	120,884
41,000	48,384	44,966	47,634	31,326	52,862	35,728	47,830	43,340	41,540
7,628	7,630	6,686	9,316	7,244	8,976	8,770	7,972	9,516	9,784
25,140	23,530	23,024	19,344	12,560	12,646	10,190	8,816	8,350	6,808
888	1,896	2,032	1,530	8,498	9,582	8,774	9,036	7,300	8,960
26,646	41,360	38,982	44,270	24,426	46,786	22,898	44,984	37,562	33,376
4,392	4,880	4,880	5,368	3,280	4,000	4,434	3,388	4,240	3,100
13,704	14,142	15,416	17,142	14,178	12,720	14,840	16,410	16,778	15,536
2,496	3,392	3,272	3,934	3,592	3,854	3,038	4,292	3,760	3,960
13,972	16,000	16,712	16,922	12,224	18,454	14,276	18,322	17,816	15,970
2,882	2,460	3,900	4,226	3,028	2,580	3,526	3,660	3,574	3,282
24,332	28,232	31,016	29,582	26,108	34,652	23,934	29,816	27,358	21,624
15,290	15,078	24,190	26,702	13,896	28,028	14,266	19,028	19,768	18,036
6,802	5,822	6,632	7,880	6,410	9,418	7,626	7,442	8,988	8,738
14,356	21,414	23,218	22,786	18,912	19,712	18,952	19,672	18,982	18,118
12,702	13,308	12,212	13,794	11,850	13,756	11,530	13,288	12,134	11,448
104,416	115,540	115,740	125,282	61,300	125,588	70,342	115,370	113,842	95,864
5,264	5,166	6,390	5,698	6,600	5,952	6,344	6,434	6,474	5,714
12,016	18,678	17,660	15,368	16,296	14,584	18,938	11,944	14,332	17,556
84,448	93,052	38,650	89,224	39,540	89,020	52,192	91,726	79,274	69,000
3,710	4,974	3,924	5,248	3,556	4,478	3,384	4,658	5,222	3,838
3,420	3,508	3,090	3,596	2,106	3,106	2,796	2,604	2,854	2,580
53,966	67,906	41,180	54,620	30,752	47,454	40,604	63,404	51,036	41,220
4,822	7,218	4,904	9,440	7,996	8,710	7,620	8,140	11,442	8,622
13,334	15,280	15,412	16,402	12,642	11,776	12,052	11,978	12,326	10,110
2,912	2,850	3,472	3,538	3,196	2,468	2,308	1,802	2,756	2,526
3,278	2,052	1,784	2,848	3,042	2,538	2,634	2,238	2,120	3,018
8,458	8,610	8,118	9,148	7,080	8,770	7,680	8,996	8,082	7,582
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
185,000	211,000	164,000	173,000	190,000	201,000	180,000	182,000	160,270	157,526
17,806	24,070	35,892	29,432	37,796	31,292	37,700	28,750	36,020	41,240
137,420	119,294	134,784	96,796	100,414	103,652	107,282	150,930	234,482	45,018
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
232,512	362,928	294,100	344,890	165,164	290,248	171,692	304,290	299,728	227,474
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

EF

1915

1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
576,716	574,030	520,146	355,518	735,592	638,504	388,154	646,960	611,988	541,832
51,718	41,366	35,978	24,658						
2,144	1,650	1,492	1,474	1,680	1,466	1,672	2,358	1,998	2,164
3,712	3,688	3,558	2,926	5,184	4,266	4,030	4,136	4,142	3,978
132,446	120,884	129,062	102,584	144,474	141,694	126,502	134,870	148,178	117,806
43,340	41,540	35,554	29,674	46,690	45,061	34,142	42,992	43,732	36,478
9,576	9,784	8,748	8,720	8,264	8,434	10,700	10,450	8,802	9,442
8,350	6,808	8,584	8,322	8,236	6,562	8,000	6,424	7,344	7,048
7,300	8,960	8,938	8,484	9,638	10,388	10,524	9,496	8,470	8,758
37,562	33,376	35,482	23,854	31,744	32,136	28,848	29,988	29,716	28,022
4,240	3,100	3,880	3,298	3,354	3,374	3,950	3,400	3,406	3,362
16,778	15,536	16,998	15,608	15,252	15,654	16,468	15,254	16,034	16,038
3,760	3,960	3,558	3,706	3,328	3,508	4,112	4,178	4,374	4,442
17,816	15,970	17,140	11,870	15,524	17,648	3,764	17,350	16,110	13,630
3,574	3,282	3,338	2,918	4,354	3,432	13,796	3,532	3,386	3,288
27,358	21,624	25,942	23,214	23,096	20,018	23,312	20,772	22,764	26,276
19,748	18,036	17,178	13,390	20,590	22,844	16,528	21,020	22,260	15,006
8,988	8,738	8,584	7,608	7,990	9,194	8,762	8,974	8,424	8,802
18,982	18,118	18,958	17,144	19,132	19,872	20,470	20,528	17,896	18,180
32,134	11,448	12,274	11,030	11,714	11,446	11,162	11,382	14,348	10,998
113,842	95,844	107,970	65,170	111,016	110,312	85,148	97,746	100,138	83,308
6,174	5,714	6,800	6,090	6,462	6,370	7,624	8,174	7,662	7,318
14,332	17,556	17,530	18,938	18,562	13,004	20,360	21,714	18,320	19,698
79,274	69,000	84,294	49,120	85,240	78,830	60,256	76,344	73,100	70,164
5,322	3,838	4,526	3,956	4,100	4,886	3,584	4,318	4,528	4,284
2,854	2,580	3,030	2,510	2,422	3,448	2,482	3,244	2,574	2,658
51,036	41,220	46,956	32,014	50,662	41,020	49,060	44,988	52,910	44,172
11,442	8,622	9,296	8,540	7,556	7,938	10,196	7,942	8,848	8,072
12,326	10,110	11,982	10,130	10,210	11,440	12,650	12,588	101,158	10,864
2,756	2,526	2,952	2,668	2,970	2,656	2,288	3,024	2,584	2,688
2,120	3,018	2,622	3,102	2,772	2,812	3,962	3,010	1,630	2,552
8,082	7,582	8,206	7,532	7,492	7,606	7,554	7,558	9,534	7,378

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

160,270	157,526	175,266	141,956	157,422	125,778	166,838	169,168	170,570	153,418
36,020	41,240	31,840	25,150	26,830	40,838	37,678	33,142	80,292	26,588
234,482	45,018	59,500	50,794	68,384	69,956	55,018	51,396	19,088	20,768
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
299,728	227,474	235,746	171,736	343,116	273,076	198,518	240,752	265,286	217,436
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

Chart No. 7

	1931	1932	1933	1934	1935	1936	1937	1938
46	355,518	735,592	638,504	388,154	646,960	611,988	541,832	723,112
78	24,658							
92	1,474	1,680	1,466	1,672	2,358	1,998	2,164	2,132
58	2,926	5,184	4,266	4,030	4,136	4,142	3,978	4,722
62	102,584	144,474	141,694	126,502	134,870	148,178	117,806	159,302
54	29,674	46,690	45,061	34,142	42,992	43,732	36,478	48,134
48	8,720	8,264	8,434	10,700	10,450	8,802	9,442	10,624
84	8,322	8,236	6,562	8,000	6,424	7,344	7,048	6,876
38	8,484	9,638	10,388	10,524	9,496	8,470	8,758	9,746
82	23,854	31,744	32,136	28,848	29,988	29,716	28,022	35,240
80	3,298	3,354	3,374	3,950	3,400	3,406	3,362	3,468
98	15,608	15,252	15,654	16,468	15,254	16,034	16,038	17,586
58	3,706	3,328	3,508	4,112	4,178	4,374	4,442	4,322
40	11,870	15,524	17,648	3,764	17,350	16,110	13,630	17,830
38	2,918	4,354	3,432	13,796	3,532	3,386	3,288	3,514
42	23,214	23,096	20,018	23,312	20,772	22,764	26,276	31,226
178	13,390	20,590	22,844	16,528	21,020	22,260	15,006	17,584
584	7,608	7,990	9,194	8,762	8,974	8,424	8,802	9,762
958	17,144	19,132	19,872	20,470	20,528	17,896	18,180	18,814
274	11,030	11,714	11,446	11,162	11,392	14,348	10,998	12,632
970	65,170	111,016	110,312	85,148	97,746	100,138	83,308	111,026
800	6,090	6,462	6,370	7,624	8,174	7,662	7,318	7,262
530	18,938	18,562	13,004	20,360	21,714	18,320	19,698	17,206
294	49,120	85,240	78,830	60,256	76,344	73,100	70,164	93,592
526	3,956	4,100	4,886	3,584	4,318	4,528	4,284	5,750
030	2,510	2,422	3,448	2,482	3,244	2,514	2,658	2,662
956	32,014	50,662	41,020	49,060	44,988	52,910	44,172	66,196
296	8,540	7,556	7,938	10,196	7,942	8,848	8,072	10,414
982	10,130	10,210	11,440	12,650	12,588	101,158	10,864	13,586
952	2,668	2,970	2,656	2,288	3,024	2,584	2,688	2,452
622	3,102	2,772	2,812	3,962	3,010	1,630	2,552	2,436
206	7,532	7,492	7,606	7,554	7,558	9,534	7,378	8,388

86 885,750 1,425,210 1,305,778 1,000,060 1,304,704 1,285,358 1,138,714 1,477,596

66 141,956 157,422 125,778 166,838 169,168 170,570 153,418 176,440

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

00 50,794 68,384 69,956 55,018 51,396 19,088 20,768 85,150

92 1,103,650 1,677,846 1,542,350 1,259,594 1,558,410 1,505,308 1,339,488 1,773,584

46 171,736 343,116 273,076 198,518 240,752 265,286 217,436 373,294

46 931,914 1,334,730 1,269,214 1,061,076 1,317,658 1,240,022 1,122,052 1,400,290

	1939	1940	1941	1942	1943	1944
Board of Control	572,374	567,126	600,416	660,248	767,530	616,514
New York Stock						
Penitentiary	2,006	1,746	1,582	1,570	2,062	1,764
Bubb	4,278	3,918	4,740	4,154	4,874	4,338
Ridenbaugh	147,684	148,658	160,804	144,804	161,430	126,146
Settlers	43,292	40,520	46,556	43,064	50,082	40,062
Thurman Mill	11,532	9,632	9,410	11,612	9,098	9,670
Consumers	8,326	6,826	5,658	6,630	6,884	5,888
Boise City	9,944	9,114	10,086	9,296	9,966	8,940
Farmers Union	33,645	26,168	35,618	35,736	36,180	29,700
Capital View	3,498	3,468	3,560	2,282	2,174	2,022
Boise Valley	17,631	16,274	17,494	16,676	15,802	13,598
New Union	4,036	3,904	4,582	3,524	3,896	3,836
New Dry Creek	15,252	14,502	17,978	17,752	18,080	17,572
Ballantine	3,698	3,562	3,250	3,316	3,962	3,610
Middleton Water Co.	31,488	33,620	34,504	30,278	38,602	39,530
Middleton Mill Ditch	15,042	15,640	14,564	13,858	16,760	11,124
Little Pioneer	8,318	7,044	7,920	7,108	7,994	7,250
Canyon Water Co.	19,960	17,878	20,308	18,486	19,968	18,708
7 Eagle Island Canals	12,398	10,256	12,326	12,720	11,394	12,450
Phyllis	98,038	92,608	104,914	93,564	117,060	85,268
Eureka Water Co.	8,406	7,576	9,340	8,402	8,348	7,962
Caldwell High Line	21,466	20,974	20,100	17,852	17,618	20,424
Farmers Coop.	68,918	69,200	78,736	80,164	98,038	70,786
Campbell	6,364	3,824	4,272	5,040	5,510	4,422
Siebenberg	3,260	2,862	2,774	2,102	2,298	2,488
Riverside No. 2	48,444	47,128	60,012	52,152	54,118	41,684
Pioneer Dixie	13,248	12,184	11,994	13,566	12,706	15,336
Eureka No. 2	15,256	15,416	14,750	12,896	16,294	11,830
Upper Center Point	3,472	3,538	3,764	3,588	3,782	4,126
Lower Center Point	3,944	4,596	4,890	4,196	3,344	4,912
Miscellaneous	8,360	6,856	8,324	8,284	7,800	7,036

Total Summer Diversions

April 1 to September 30	1,263,578	1,226,618	1,335,226	1,344,640	1,535,654	1,248,996	1,248,996
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New York Canal Diversions

October 1 to March 31	133,534	172,234	175,014	151,154	152,266	145,568	145,568
Irrigation Requirements Below Diversion							
Dam During October	20,550	19,562	22,856	28,638	25,370	25,074	25,074
Amount passing Diversion Dam							
November 1 to April 1	65,456	35,898	29,972	39,348	437,346	32,026	32,026

Total	1,483,118	1,454,312	1,563,068	1,563,780	2,150,636	1,451,664	1,563,780
Summer Return Flow	235,740	263,936	334,394	281,650	275,866	248,672	281,650
Natural Flow Used	1,247,378	1,190,476	1,228,674	1,282,130	1,874,770	1,202,992	1,282,130

Combined with Board of Control

	1944	1945	1946	1947	1948	1949
	616,514	681,738	721,472	772,628	725,750	808,420
	1,764	1,656	2,212	2,806	2,470	3,350
	4,338	5,316	5,172	5,204	4,090	4,286
	126,146	129,942	154,442	157,198	131,982	155,814
	40,062	42,006	47,080	49,380	43,716	52,782
	9,670	11,770	9,086	10,456	9,642	8,714
	5,888	7,070	6,726	6,566	5,632	6,978
	8,940	8,468	9,352	9,398	7,914	9,034
	29,700	32,990	38,252	38,616	30,678	43,591
	2,022	2,120	2,180	2,076	2,040	2,286
	13,598	14,976	17,686	16,866	15,208	18,915
	3,836	4,016	3,984	4,376	3,784	3,932
	17,572	20,094	19,218	18,772	15,442	19,736
	3,610	3,706	4,076	5,036	4,478	4,802
	39,530	29,456	28,628	27,582	25,136	30,932
	11,124	14,728	19,084	18,388	16,758	20,622
	7,250	9,202	10,692	10,586	8,228	9,828
	18,708	19,900	20,354	21,648	18,170	19,068
	12,450	12,060	13,772	13,746	13,056	14,674
	85,268	84,672	107,768	107,128	98,968	112,320
	7,962	8,034	8,332	9,502	7,994	8,982
	20,424	20,730	18,832	16,348	13,130	14,210
	70,786	77,664	93,136	85,200	79,448	82,910
	4,422	5,164	5,944	5,446	4,440	5,032
	2,488	2,350	2,658	2,844	3,158	2,890
	41,684	40,758	43,604	50,496	69,160	54,346
	15,336	15,078	13,472	16,430	12,978	18,544
	11,830	14,818	19,674	23,718	20,724	22,568
	4,126	4,090	4,438	4,392	4,758	5,438
	4,912	3,784	3,788	4,410	5,832	5,216
	7,036	7,926	7,822	7,760	7,338	8,258

54	1,248,996	1,344,290	1,462,936	1,525,002	1,412,102	1,578,478
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66	145,568	151,102	153,260	166,220	149,012	123,492
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70	25,074	14,858	18,364	22,846	31,464	17,398
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86	32,026	29,302	69,026	115,740	28,056	204,000
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36	1,451,664	1,539,552	1,703,586	1,829,808	1,620,634	1,923,368
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66	248,672	264,190	291,322	339,546	256,714	330,110
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70	1,282,992	1,275,362	1,412,264	1,490,262	1,363,920	1,593,258
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Name of Tributary	1	2	3	4	5	6	7	8	9	10
Drainage District #3	6	6	6	6	6	7	7	7	7	7
Davis Drain	6	6	6	6	6	6	6	6	6	6
Thurman Drain	10	10	10	10	10	10	10	10	10	10
Boise Sewer	8	8	8	8	8	8	8	8	8	8
Eagle Drain	12	12	12	12	12	13	13	13	13	13
South Middleton Drain	16	16	16	18	18	18	18	18	19	19
North Middleton Drain	10	10	10	10	10	10	10	10	10	10
Hartley Drain	6	6	6	6	6	6	6	6	6	6
Phyllis Waste	6	6	6	6	6	6	6	6	6	6
Mason Creek	2	2	2	2	2	2	2	2	2	3
Mason Drain	32	32	32	32	32	32	32	32	34	34
Indian Creek	40	40	40	42	42	44	44	48	48	52
Total	154	154	154	158	158	162	162	166	169	174

Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
Drainage District #3	9	9	9	9	9	10	10	10	10	10	10
Davis Drain	8	8	8	8	8	8	8	8	8	8	8
Thurman Drain	15	15	16	16	16	17	17	17	18	18	18
Boise Sewer	9	9	9	9	9	9	9	9	9	9	9
Eagle Drain	42	42	43	45	48	51	51	53	54	54	54
South Middleton Drain	91	93	97	98	101	106	106	109	112	113	115
North Middleton Drain	70	70	65	64	51	47	45	39	32	39	44
Hartley Drain	25	21	21	21	21	19	19	21	21	19	19
Phyllis Waste	10	10	10	10	10	10	10	10	10	11	11
Mason Creek	10	12	12	14	14	14	14	15	17	17	17
Mason Drain	36	36	36	35	35	35	34	34	34	34	34
Indian Creek	135	135	131	129	128	134	134	128	128	131	131
Total	460	460	457	458	450	460	457	453	453	463	470

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1949

APRIL

7	8	9	10	11	12	13	14	15	16	17	18	19	20
7	7	7	7	7	7	8	8	8	8	8	8	8	8
6	6	6	6	6	6	6	6	6	7	7	7	7	7
10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	8	8	8	8	8	8	8	8	8	8	8	8	8
13	13	13	13	14	14	14	14	15	17	19	21	23	25
18	18	19	19	19	21	21	22	22	23	24	26	28	31
10	10	10	10	10	12	12	14	14	14	16	21	29	37
6	6	6	6	6	6	7	9	9	9	11	13	13	15
6	6	6	6	6	6	6	6	6	8	8	10	10	10
2	2	2	3	3	3	3	3	4	4	4	4	5	5
32	32	34	34	34	34	34	36	36	36	36	36	38	38
44	48	48	52	52	52	62	75	75	75	76	76	77	77
162	166	169	174	175	179	191	211	213	219	227	240	256	271

MAY

7	8	9	10	11	12	13	14	15	16	17	18	19	20
10	10	10	10	10	10	10	10	10	10	10	10	11	11
8	8	8	8	8	8	8	8	8	9	9	9	9	9
17	17	18	18	18	19	19	20	20	21	21	21	21	22
9	9	9	9	9	9	9	9	9	10	10	10	10	10
51	53	54	54	54	54	54	53	53	53	55	55	55	55
106	109	112	113	115	121	123	119	117	109	101	97	94	92
45	39	32	39	44	46	52	57	61	61	63	65	69	71
19	21	21	19	19	19	19	21	21	23	23	23	25	25
10	10	10	11	11	11	11	11	11	11	11	11	11	11
14	15	17	17	17	17	18	18	18	19	19	21	21	21
34	34	34	34	34	36	36	36	38	38	40	40	40	42
134	128	128	131	131	131	135	135	134	136	140	142	142	144
457	453	453	463	470	481	494	497	500	500	502	504	508	513

MOISE RIVER

49

	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	10	10	10	10	11	11	11	11	11	12	12	13	13	14
	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	19	21	23	25	27	29	31	31	31	35	35	35	37	39
	24	26	28	31	38	44	48	52	58	66	72	78	81	86
	16	21	29	37	48	57	65	77	74	73	74	74	72	72
	11	13	13	15	15	17	19	21	23	25	27	29	31	29
	8	10	10	10	10	10	10	10	10	10	10	10	10	10
	4	4	5	5	5	5	5	6	6	6	6	7	7	7
	36	36	38	38	38	38	38	38	38	38	36	36	36	36
	76	76	77	77	78	78	79	79	85	87	91	95	98	115
	227	240	256	271	293	312	329	348	359	375	386	400	408	431
6	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	10	10	11	11	11	11	11	11	11	11	11	11	11	11
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1	21	21	21	22	22	22	22	24	24	24	24	26	26	26
0	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	55	55	55	55	57	57	57	57	57	59	59	59	59	62
09	101	97	94	92	89	88	87	87	91	91	95	98	110	121
1	63	65	69	71	79	81	75	71	55	57	55	53	53	51
3	23	23	25	25	25	23	23	23	23	25	25	25	23	23
1	11	11	11	11	12	12	12	12	12	12	12	12	12	12
9	19	21	21	21	22	22	24	24	24	26	26	27	27	27
8	40	40	40	42	42	44	48	52	62	67	77	88	105	107
6	140	142	142	144	144	146	146	149	159	174	182	191	212	221
00	502	504	508	513	522	525	524	529	537	565	585	609	657	680

Chart No. 8

21	22	23	24	25	26	27	28	29	30	Total
8	8	8	8	8	8	8	8	8	8	223
7	7	7	7	7	7	7	7	7	7	195
11	11	11	11	11	12	12	13	13	14	319
8	8	8	8	8	8	8	8	8	8	240
27	29	31	31	31	35	35	35	37	39	631
38	44	48	52	58	66	72	78	81	86	1036
48	57	65	77	74	73	74	74	72	72	965
15	17	19	21	23	25	27	29	31	29	394
10	10	10	10	10	10	10	10	10	10	236
5	5	5	6	6	6	6	7	7	7	119
38	38	38	38	38	38	36	36	36	36	1054
78	78	79	79	85	87	91	95	98	115	2022
293	312	329	348	359	375	386	400	408	431	7434

21	22	23	24	25	26	27	28	29	30	31	Total
11	11	11	11	11	11	11	11	11	11	12	319
9	9	9	9	9	9	9	9	9	9	9	264
22	22	22	24	24	24	24	26	26	26	26	633
10	10	10	10	10	10	10	10	10	10	10	295
57	57	57	57	57	59	59	59	59	62	62	1669
89	88	87	87	91	91	95	98	110	121	124	3195
79	81	75	71	55	57	55	53	53	51	51	1792
25	23	23	23	23	25	25	25	23	23	23	687
12	12	12	12	12	12	12	12	12	12	12	343
22	22	24	24	24	26	26	27	27	27	27	604
42	44	48	52	62	67	77	88	105	107	112	1533
144	146	146	149	159	174	182	191	212	221	225	4632
522	525	524	529	537	565	585	609	657	680	693	15966

Name of Tributary	1	2	3	4	5	6	7	8	9	10
Drainage District #3	12	12	12	12	12	12	12	12	12	12
Davis Drain	10	10	10	10	10	10	10	10	10	10
Thurman Drain	27	27	27	28	28	28	29	29	29	29
Boise Sewer	11	11	11	11	11	11	11	11	11	11
Eagle Drain	62	62	65	65	65	61	58	58	58	61
South Middleton Drain	126	131	138	142	148	156	174	173	171	165
North Middleton Drain	49	49	45	45	43	43	41	41	41	45
Hartley Drain	21	21	19	19	17	17	19	19	19	21
Phyllis Waste	12	12	12	12	12	12	12	12	12	12
Mason Creek	28	28	29	28	24	25	24	24	23	23
Mason Drain	122	132	140	141	141	141	141	135	135	135
Indian Creek	229	235	225	209	190	187	181	170	165	171
Total	709	730	733	722	701	703	712	694	686	695

Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
Drainage District #3	15	15	15	16	16	16	16	16	16	17	17
Davis Drain	11	11	11	11	11	11	11	11	11	11	11
Thurman Drain	25	25	25	25	25	25	25	25	25	25	25
Boise Sewer	10	10	10	10	10	10	10	10	10	10	10
Eagle Drain	59	57	57	58	58	55	55	58	61	63	65
South Middleton Drain	61	61	59	58	59	57	61	62	57	55	55
North Middleton Drain	41	37	35	31	29	27	27	23	23	27	27
Hartley Drain	19	19	19	21	21	22	22	23	21	21	23
Phyllis Waste	10	10	10	10	10	10	10	10	10	10	10
Mason Creek	24	23	22	22	22	22	22	21	20	20	20
Mason Drain	111	96	97	105	105	101	101	101	106	106	113
Indian Creek	160	150	149	152	151	149	147	145	142	142	140
Total	546	514	508	519	517	505	507	505	502	507	516

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1949

JUNE

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
12	12	12	13	13	13	13	13	13	13	13	14	14	14	14
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	29	29	28	28	28	25	25	25	25	25	25	25	25	25
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
58	58	61	65	68	73	68	68	65	65	63	63	63	63	63
73	171	165	154	154	152	151	141	138	124	114	98	97	95	96
41	41	45	45	43	41	37	37	35	35	33	31	32	37	41
19	19	21	21	23	23	23	25	27	29	31	32	32	32	31
12	12	12	14	14	14	14	14	12	12	12	12	10	10	10
24	23	23	22	22	23	25	25	26	26	26	27	29	30	29
135	135	135	135	139	139	135	131	125	125	125	115	97	91	91
170	165	171	178	175	170	165	170	149	160	165	201	216	219	182
694	686	695	696	700	697	677	670	636	635	628	639	636	637	603

JULY

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
16	16	17	17	17	18	18	18	18	18	18	18	18	18	18
11	11	11	11	11	11	11	11	12	12	12	12	12	12	12
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
58	61	63	65	66	66	66	65	64	63	62	61	59	57	55
62	57	55	55	51	51	46	44	43	39	39	38	35	35	33
23	23	27	27	29	29	28	28	29	29	29	30	30	31	31
23	21	21	23	23	25	27	29	33	33	31	27	27	25	24
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	20	20	20	19	19	17	15	14	13	12	12	12	12	12
101	106	106	113	131	125	125	112	105	105	105	95	91	91	91
145	142	142	140	141	147	147	146	146	141	141	142	141	141	142
505	502	507	516	533	536	530	513	509	498	494	480	470	466	46

VER

7	18	19	20	21	22	23	24	25	26	27	28	29	30	
3	13	14	14	14	14	14	14	15	15	15	15	15	15	
10	10	10	10	10	10	10	10	10	10	10	10	10	10	
25	25	25	25	25	25	25	25	25	25	25	25	25	25	
11	11	11	11	11	11	11	11	11	11	11	11	11	11	
65	63	63	63	63	63	61	61	61	61	61	61	59	59	
24	114	98	97	95	96	94	92	81	78	75	71	68	61	
35	33	31	32	37	41	43	43	43	45	47	47	45	45	
29	31	32	32	32	31	29	27	27	27	29	25	21	19	
12	12	12	10	10	10	10	10	10	10	10	10	10	10	
26	26	27	29	30	29	29	29	29	27	26	26	25	25	
25	125	115	97	91	91	87	87	90	90	85	85	85	85	
60	165	201	216	219	182	172	168	164	165	161	159	157	165	
635	628	639	636	637	603	585	577	566	564	555	545	531	530	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
18	18	18	18	18	18	20	20	20	18	18	18	18	18	18
12	12	12	12	12	12	12	12	12	11	11	11	11	11	11
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
63	62	61	59	57	55	55	55	53	53	51	51	51	51	51
39	39	38	35	35	33	31	29	26	23	21	19	21	21	23
29	29	30	30	31	31	31	32	32	33	33	31	31	29	27
33	31	27	27	25	24	24	24	24	24	24	21	21	21	21
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	12	12	12	12	12	12	12	12	14	18	21	21	18	17
105	105	95	91	91	91	91	92	92	92	93	93	94	94	95
141	141	142	141	141	142	146	151	150	151	151	149	149	149	149
498	494	480	470	466	463	467	472	466	464	465	459	462	457	457

Chart No. 8-A

21	22	23	24	25	26	27	28	29	30	Total
14	14	14	14	15	15	15	15	15	15	398
10	10	10	10	10	10	10	10	10	10	300
25	25	25	25	25	25	25	25	25	25	790
11	11	11	11	11	11	11	11	11	11	330
63	63	61	61	61	61	61	61	59	59	1886
95	96	94	92	81	78	75	71	68	61	3658
37	41	43	43	43	45	47	47	45	45	1247
32	31	29	27	27	27	29	25	21	19	725
10	10	10	10	10	10	10	10	10	10	348
30	29	29	29	29	27	26	26	25	25	782
91	91	87	87	90	90	85	85	85	85	3505
219	182	172	168	164	165	161	159	157	165	5423
637	603	585	577	566	564	555	545	531	530	19392

21	22	23	24	25	26	27	28	29	30	31	Total
18	18	20	20	20	18	18	18	18	18	18	540
12	12	12	12	12	11	11	11	11	11	11	351
25	25	25	25	25	25	25	25	25	25	25	775
10	10	10	10	10	10	10	10	10	10	10	310
57	55	55	55	53	53	51	51	51	51	51	1801
35	33	31	29	26	23	21	19	21	21	23	1313
31	31	31	32	32	33	33	31	31	29	27	929
25	24	24	24	24	24	24	21	21	21	21	739
10	10	10	10	10	10	10	10	10	10	10	310
12	12	12	12	12	14	18	21	21	18	17	540
91	91	91	92	92	92	93	93	94	94	95	3153
141	142	146	151	150	151	151	149	149	149	149	4547
466	463	467	472	466	464	465	459	462	457	457	15308

Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
Drainage District #3	18	18	18	18	18	17	17	17	17	16	16
Davis Drain	11	11	11	11	11	10	10	10	10	10	10
Thurman Drain	25	25	25	25	25	25	25	25	25	25	25
Boise Sewer	9	9	9	9	9	9	9	9	9	9	9
Eagle Drain	49	49	49	47	47	47	47	45	45	46	46
South Middleton Drain	23	25	27	31	36	41	48	57	56	54	54
North Middleton Drain	27	26	26	25	25	25	24	26	26	26	27
Hartley Drain	23	19	19	19	23	23	23	25	25	25	23
Phyllis Waste	10	10	9	9	9	9	9	9	9	9	9
Mason Creek	15	15	15	13	12	12	11	11	9	9	9
Mason Drain	96	96	101	101	96	98	98	99	99	97	97
Indian Creek	149	149	149	150	150	150	149	147	151	146	152
Total	455	452	458	458	461	466	470	480	481	472	477

Name of Tributary	1	2	3	4	5	6	7	8	9	10	11
Drainage District #3	12	12	12	12	12	12	11	11	11	11	11
Davis Drain	9	9	9	9	9	9	9	9	9	9	9
Thurman Drain	20	20	20	20	20	19	19	19	19	19	18
Boise Sewer	9	9	9	9	9	9	9	9	9	9	9
Eagle Drain	43	46	51	51	51	49	49	49	46	46	45
South Middleton Drain	33	37	41	43	43	41	42	45	44	44	47
North Middleton Drain	23	23	24	24	24	25	25	25	25	25	26
Hartley Drain	21	21	21	21	21	19	19	19	19	19	19
Phyllis Waste	8	8	8	8	8	8	8	8	8	8	8
Mason Creek	25	23	22	24	26	25	24	23	23	25	25
Mason Drain	50	50	48	48	49	49	49	47	47	48	48
Indian Creek	153	152	152	152	152	152	152	151	151	152	152
Total	406	410	417	421	424	417	416	415	411	415	417

TRIBUTARY AND RETURN FLOW TO BOISE RIVER

IRRIGATION SEASON OF 1949

AUGUST

9	10	11	12	13	14	15	16	17	18	19	20	21	22
17	16	16	16	16	16	15	15	15	14	14	14	14	14
10	10	10	10	10	10	10	9	9	9	9	9	9	9
25	25	25	25	25	25	24	24	24	24	23	23	23	23
9	9	9	9	9	9	9	9	9	9	9	9	9	9
45	46	46	46	44	44	44	46	48	48	46	46	46	46
56	54	54	52	52	50	47	45	43	41	38	35	33	31
26	26	27	27	27	27	27	28	28	28	28	25	20	24
25	25	23	23	23	24	24	24	25	25	26	26	27	28
9	9	9	9	9	9	9	10	9	9	9	9	9	9
9	9	9	11	14	15	24	15	16	17	18	18	18	18
99	97	97	100	100	120	96	103	103	103	102	102	102	103
151	146	152	152	151	152	152	152	152	152	152	152	150	150
481	472	477	480	480	501	481	480	481	479	474	468	460	464

SEPTEMBER

9	10	11	12	13	14	15	16	17	18	19	20	21	22
11	11	11	10	10	10	10	10	9	9	9	9	9	9
9	9	9	9	9	9	9	8	8	8	8	8	8	8
19	19	18	18	18	18	18	18	18	18	18	18	17	17
9	9	9	9	9	9	9	9	9	9	9	9	9	9
46	46	45	45	45	43	43	43	43	41	41	41	41	41
44	44	47	47	46	45	44	51	53	51	51	49	49	47
25	25	26	26	26	26	26	26	26	26	26	26	26	26
19	19	19	21	21	21	21	21	21	21	19	19	19	18
8	8	8	8	8	8	8	8	8	7	7	7	7	7
23	23	25	25	25	24	24	23	23	23	21	21	21	22
47	47	48	48	49	47	47	45	45	45	41	36	36	36
51	151	152	152	151	151	151	150	149	149	146	147	149	152
15	411	415	417	418	414	411	406	411	412	404	397	392	394

RIVER

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
15	14	14	14	14	14	14	14	13	13	13	13	13	13	13
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
24	24	23	23	23	23	23	22	22	22	20	20	20	20	20
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
48	48	46	46	46	46	46	47	47	46	45	43	43	41	41
43	41	38	35	33	31	28	27	28	28	28	31	31	31	31
28	28	28	25	20	24	28	28	28	27	25	24	23	23	23
25	25	26	26	27	28	29	29	25	25	23	23	23	23	25
9	9	9	9	9	9	9	9	8	8	8	8	8	8	8
16	17	18	18	18	18	19	20	21	21	21	21	15	12	12
103	103	102	102	102	103	92	92	93	90	85	75	64	49	52
152	152	152	152	150	150	144	151	151	150	152	154	152	146	157
481	479	474	468	460	464	450	457	454	448	438	430	410	384	400

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
9	9	9	9	9	9	9	8	8	8	8	8	8	8	8
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
18	18	18	18	17	17	17	17	17	16	16	16	16	16	16
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
43	41	41	41	41	41	39	39	39	39	39	39	39	39	39
53	51	51	49	49	47	47	47	47	45	43	43	41	39	39
26	26	26	26	26	26	26	26	25	25	24	24	23	21	21
21	21	19	19	19	18	18	17	17	17	17	17	17	17	17
8	7	7	7	7	7	7	7	7	7	7	7	7	7	7
23	23	21	21	21	22	17	14	14	14	13	12	12	12	12
45	45	41	36	36	36	39	41	41	41	41	41	41	41	41
149	146	147	149	152	152	151	149	147	143	139	136	135	135	135
412	404	397	392	394	392	387	382	379	372	364	360	356	352	352

Chart No. 8-B

21	22	23	24	25	26	27	28	29	30	31	Total
14	14	14	14	13	13	13	13	13	13	13	472
9	9	9	9	9	9	9	9	9	9	9	299
23	23	23	22	22	22	20	20	20	20	20	727
9	9	9	9	9	9	9	9	9	9	9	279
46	46	46	47	47	46	45	43	43	41	41	1420
33	31	28	27	28	28	28	31	31	31	31	1182
20	24	28	28	28	27	25	24	23	23	23	801
27	28	29	29	25	25	23	23	23	23	25	747
9	9	9	9	8	8	8	8	8	8	8	275
18	18	19	20	21	21	21	21	15	12	12	477
102	103	92	92	93	90	85	75	64	49	52	2904
150	150	144	151	151	150	152	154	152	146	157	4666
460	464	450	457	454	448	438	430	410	384	400	14249

21	22	23	24	25	26	27	28	29	30	31	Total
9	9	9	8	8	8	8	8	8	8	8	296
8	8	8	8	8	8	8	8	8	8	8	255
17	17	17	17	17	16	16	16	16	16	16	540
9	9	9	9	9	9	9	9	9	9	9	270
41	41	39	39	39	39	39	39	39	39	39	1305
49	47	47	47	47	45	43	43	41	39	39	1345
26	26	26	26	25	25	24	24	23	21	21	749
19	18	18	17	17	17	17	17	17	17	17	578
7	7	7	7	7	7	7	7	7	7	7	227
21	22	17	14	14	14	13	12	12	12	12	623
36	36	39	41	41	41	41	41	41	41	41	1331
152	152	151	149	147	143	139	136	135	135	135	4453
394	392	387	382	379	372	364	360	356	352	352	11972

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 1949

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	
Boise River at Diversion Dam	307,024	393,292	316,642	235,378	191,634	101,456	1,54
Deliveries to Canals	335,768	468,466	386,734	290,752	239,026	151,408	1,87
Tributary Gain	14,868	31,932	38,784	30,616	28,498	23,944	168
Seepage Gain	13,876	43,242	31,308	24,758	18,894	26,008	158
Net Gain	28,744	75,174	70,092	55,374	47,392	49,952	326,

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

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

IRRIGATION SEASON 1949

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
Boise River at Diversion Dam	5,117	6,343	5,277	3,796	3,090	1,691
Deliveries to Canals	5,596	7,567	6,445	4,689	3,855	2,523
Tributary Gain	248	515	646	494	460	399
Seepage Gain	231	698	522	399	305	433
Net Gain	479	1,213	1,168	893	765	832

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 1949

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
307,024	393,292	316,642	235,378	191,634	101,456	1,545,426
335,768	468,466	386,734	290,752	239,026	151,408	1,872,154
14,868	31,932	38,784	30,616	28,498	23,944	168,642
13,876	43,242	31,308	24,758	18,894	26,008	158,086
28,744	75,174	70,092	55,374	47,392	49,952	326,728

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

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

IRRIGATION SEASON 1949

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
5,117	6,343	5,277	3,796	3,090	1,691
5,596	7,567	6,445	4,689	3,855	2,523
248	515	646	494	460	399
231	698	522	399	305	433
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SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

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

SECTION 1

1949

	JULY	AUGUST	SEPTEMBER	TOTAL
Boise River at Diversion Dam	235,378	191,634	101,456	528,468
*Deliveries to Canals	252,860	209,450	117,694	580,004
Tributary Gain	7,554	6,394	5,332	19,280
Seepage Gain	9,928	11,422	11,906	32,256
Net Gain	17,482	17,816	16,238	51,536

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

1949

	JULY	AUGUST	SEPTEMBER
Boise River at Diversion Dam	3,796	3,091	1,691
*Deliveries to Canals	4,078	3,378	1,962
Tributary Gain	122	103	89
Seepage Gain	160	184	182
Net Gain	282	287	271

*Includes Boise River passing Caldwell High Line.

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM

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

SECTION 1

1949

	JULY	AUGUST	SEPTEMBER	TOTAL
Boise River at Diversion Dam	235,378	191,634	101,456	528,468
Deliveries to Canals	252,860	209,450	117,694	580,004
Tributary Gain	7,554	6,394	5,332	19,280
Seepage Gain	9,928	11,422	11,906	32,256
Net Gain	17,482	17,816	16,238	51,536

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

1949

	JULY	AUGUST	SEPTEMBER
Boise River at Diversion Dam	3,796	3,091	1,691
Deliveries to Canals	4,078	3,378	1,962
Tributary Gain	122	103	89
Seepage Gain	160	184	182
Net Gain	282	287	271

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

1949

	JULY	AUGUST	SEPTEMBER	TOTAL
Boise River at Caldwell High Line	726	1,830	330	2,886
*Deliveries to Canals	38,618	31,406	34,044	104,068
Tributary Gain	23,062	22,104	18,612	63,778
Seepage Gain	14,830	7,472	15,102	37,404
Net Gain	37,892	29,576	33,714	101,182

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

1949

	JULY	AUGUST	SEPTEMBER
Boise River at Caldwell High Line	12	29	6
*Deliveries to Canals	623	507	567
Tributary Gain	372	356	310
Seepage Gain	239	122	251
Net Gain	611	478	561

*Includes Boise River at Notus.

SUMMARY TABLE SHOWING BOISE RIVER AT CALDWELL HIGH LINE

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

SECTION 2

1949

	JULY	AUGUST	SEPTEMBER	TOTAL
Caldwell High Line	726	1,830	330	2,886
Canals	38,618	31,406	34,044	104,068
	23,062	22,104	18,612	63,778
	14,830	7,472	15,102	37,404
	37,892	29,576	33,714	101,182

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

1949

	JULY	AUGUST	SEPTEMBER
Caldwell High Line	12	29	6
Canals	623	507	567
	372	356	310
	239	122	251
	611	478	561

River at Notus.

BOISE VALLEY CANALS AND ACREAGE

Board of Control (New York)					
New York Irrig. District . . .	17,763		Warm Springs Slough	441	acres
Boise-Kuna Irrig. District . . .	48,458		Joplin	94	"
Nampa & Meridian Irrig. Dist. . .	40,193		Conway & Hamming	259	"
Wilder Irrig. District . . .	56,622		Thos. Aiken	236	"
Big Bend Irrig. District . . .	1,725		Catlin & Mace	496	"
TOTAL BOARD OF CONTROL . . .			Hart & Davis	453	"
Ridenbaugh	164,761	acres	Graham & Gilbert	220	"
Penitentiary (excl. of Boise Project)	26,747	"	Seven Suckers	58	"
Bubb (So. Boise)	102	"	Pioneer Irrig. District	34,500	"
Meeves	1,057	"	Eureka Water Co.	1,666	"
Kossi Mill	90	"	Franklin & Mason Creek (Caldwell		
Manville-Leonard	500	"	High Line)	3,960	"
Davis and Little Davis	159	"	Farmers Coop. Ditch Co.	15,897	"
Settlers	634	"	Canyon Ditch Co.	802	"
Thurman Mill	12,300	"	Siebenberg	646	"
Cruzen (Consumers)	1,799	"	Riverside Irrig. District	10,645	"
Boise City	2,500	"	Pioneer Dixie	2,030	"
Farmers Union	1,828	"	Eureka Ditch Co.	2,670	"
Boise Valley	8,300	"	Upper Center Point	641	"
Capitol View	2,729	"	Lower Center Point	880	"
New Union	600	"	Bowman & Swisher	424	"
New Dry Creek	688	"	Mammon	449	"
Ballantine	3,059	"	Haas	867	"
Middleton Water	763	"	Island High Line	1,000	"
Middleton Mill	5,640	"	Larsen-Baxter-Lemp	200	"
Little Pioneer	4,400	"	Boone	577	"
Canyon County	1,286	"	Andrews	1,068	"
Lemp Ditch (Eagle Island) . . .	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	"		
GRAND TOTAL			7,990	"
			334,180	"

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

NAGE WATER (not diverted from Boise River)

k Canyon Irrigation District . . .	6,500 acres	
well Irrigation District	850 "	
land & Vail (Dixie Drain)	640 "	
		7,990 "
GRAND TOTAL		334,180 "

the instances, upon actual surveys, and in other cases upon the acreage as
 the Stewart Decree, and is the best information available at the present
 dated February 14, 1941, but has been again revised (July, 1948), particu-
 acreages to conform to Stewart Decree acreages as determined by special
 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
 under the Board of Control. (Some of the acreages were revised April 10,

TABLE SHOWING ACRE FEET PER ACRE DIVERTED FROM
BOISE RIVER BY BOISE VALLEY CANALS

1949

	Acre Feet Diverted	Acres Irrigated	Acre Feet Per Acre Diverted
* Board of Control			
Penitentiary	804,420	164,332	4.90
Bubb	3,350	429	7.81
Ridenbaugh	4,286	1,057	4.05
Settlers	155,814	26,747	5.83
Thurman Mill	52,782	12,300	4.29
Consumers	8,714	1,799	4.84
Boise City	6,978	2,500	2.79
Farmers Union	9,034	1,823	4.95
Boise Valley	45,877	8,900	5.15
New Union	18,915	2,729	6.93
New Dry Creek	3,932	688	5.71
Ballantine	19,736	3,059	6.45
Middleton Canals	4,802	763	6.29
Little Pioneer	51,554	10,040	5.13
Canyon County	9,828	1,286	7.64
Eagle Island Canals	19,068	4,007	4.76
Phyllis	14,674	2,637	5.56
Eureka #1	112,320	23,500	4.78
Caldwell High Line	8,982	1,666	5.39
Farmers Coop.	14,210	3,960	3.59
Canyon (Campbell)	82,910	15,897	5.22
Jiebsen	5,032	802	6.27
Jiebsen	2,890	646	4.47
Riverside	54,346	10,645	5.11
Pioneer Dixie	18,544	2,030	9.13
Eureka #2	22,568	2,670	8.45
Upper Center Point	5,438	641	8.48
Lower Center Point	5,216	880	5.93
Miscellaneous	8,258	1,444	5.72
Total	1,578,478	309,882	5.09

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

Name of Canal	Acres						Acres					
	Irrigated	1934	1935	1936	1937	1938	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			8,900	4.17	3.33	4.40	4.27	
Wise	600	6.58	5.67	5.68	3.53	4.35						
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 & Hamming, Aiken, Catlin & Mace, Mace & Mace, Hart & Davis, Graham &

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

Acres 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
4.09	4.38	4.71	4.92	5.58	4.63	5.05	4.38	164,332	4.70	4.42	4.90
4.67	4.07	3.69	3.66	4.81	4.11	3.86	5.16	429	6.54	5.76	7.81
5.74	5.26	6.36	5.58	6.54	5.82	7.14	6.94	1,057	4.92	3.87	4.05
5.47	5.51	5.96	5.35	5.98	4.67	4.81	5.72	26,747	5.88	4.93	5.83
3.52	3.29	3.79	3.50	4.07	3.26	3.42	3.83	12,300	4.01	3.55	4.29
6.21	5.18	5.06	6.25	4.90	5.20	6.33	4.89	1,799	5.81	5.36	4.84
3.33	2.73	2.26	2.65	2.75	2.36	2.83	2.69	2,500	2.63	2.25	2.79
5.23	4.79	5.30	4.88	5.24	4.70	4.45	4.91	1,828	5.14	3.33	4.95
4.17	3.33	4.40	4.27	4.53	3.56	3.94	4.54	8,900	4.57	3.68	5.15
6.46	5.96	6.41	6.11	5.79	4.98	5.49	6.48	2,729	6.18	5.57	6.93
5.87	5.67	6.66	5.13	5.66	5.58	5.84	5.79	688	6.36	5.50	5.71
5.61	5.33	6.61	6.53	6.65	6.46	7.39	7.07	3,059	6.14	5.05	6.45
5.28	5.09	4.64	4.74	5.66	5.16	5.29	5.82	763	6.60	5.87	6.29
5.52	5.89	6.05	5.31	6.77	5.73	5.11	5.02	5,640	4.89	3.81	5.48
3.42	3.56	3.31	3.15	3.81	4.09	3.35	4.34	4,400	4.18	4.46	4.69
6.47	5.48	6.16	5.53	6.22	5.64	7.16	8.31	1,286	8.23	6.40	7.64
5.27	4.72	5.36	4.88	5.27	4.94	5.25	5.37	4,007	5.40	4.53	4.76
5.25	4.34	5.22	5.38	4.82	5.27	5.10	5.83	2,637	5.21	4.95	5.56
4.17	3.94	4.46	3.98	4.98	3.63	3.60	4.59	23,500	4.56	4.21	4.78
5.05	4.55	5.61	5.04	5.01	4.78	4.82	5.00	1,666	5.70	4.80	5.39
5.35	5.23	5.01	4.45	4.39	5.09	5.17	4.70	3,960	4.13	3.31	3.59
4.45	4.46	5.08	5.17	6.32	4.57	5.01	6.01	15,897	5.36	5.00	5.22
7.94	4.77	5.33	6.29	6.87	5.51	6.44	7.41	802	6.79	5.54	6.27
5.05	4.43	4.29	3.25	3.56	3.85	3.64	4.11	646	4.40	4.89	4.47
4.55	4.43	5.64	4.90	5.08	3.92	4.58	4.10	10,645	4.74	5.50	5.11
6.57	6.05	5.95	6.73	6.31	7.61	7.43	6.69	2,030	8.09	6.39	9.13
5.86	5.94	5.68	4.97	6.28	4.56	5.71	7.58	2,670	8.88	7.76	8.45
5.59	5.70	6.06	5.78	6.09	6.64	6.59	7.15	641	6.85	7.42	8.48
4.67	5.44	5.79	4.97	3.96	5.81	4.48	4.48	880	5.01	6.63	5.93
5.60	4.59	5.58	5.55	5.22	4.71	5.31	5.24	1,444	5.37	5.08	5.72
4.09	4.47	4.89	4.84	5.46	4.51	4.84	4.73	309,882	4.92	4.56	5.09

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

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	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
April	38752	3792	31512	32346	21948	51884	17916	66580	55066	58840	54448
May	91894	50150	114716	125910	110206	103686	112584	128312	117794	133652	112648
June	94162	112326	110264	112044	117400	121154	132968	104112	90580	128192	94448
July	106068	115366	102698	90080	107586	126942	124598	132372	49858	121656	67648
August	86590	90236	78784	66948	78452	98616	99156	103304	30106	97294	47748
September	73978	62678	55764	43534	54836	71126	71438	79264	31396	92954	44748
Total	491444	434548	493738	470862	490428	573408	558660	613944	374800	612588	421948

April	.34	.03	.28	.28	.19	.46	.16	.59	.49	.52	.4
May	.81	.44	1.01	1.11	.97	.92	1.00	1.14	1.04	1.19	1.0
June	.83	.99	.97	.99	1.04	1.08	1.18	.93	.80	1.14	.8
July	.94	1.02	.91	.79	.95	1.12	1.11	1.18	.44	1.08	.6
August	.76	.80	.69	.59	.69	.88	.88	.91	.26	.86	.4
September	.61	.55	.49	.39	.48	.63	.63	.70	.28	.65	.4
Total	4.33	3.84	4.35	4.15	4.32	5.09	4.96	5.45	3.31	5.44	3.74

April	.28	.02	.23	.23	.16	.38	.13	.15	.21	.43	.40
May	.65	.36	.81	.90	.78	.74	.81	.92	.87	.99	.83
June	.69	.82	.81	.82	.86	.90	.98	.78	.67	.95	.70
July	.76	.82	.73	.64	.77	.90	.89	.95	.37	.90	.50
August	.61	.65	.56	.48	.56	.68	.71	.75	.22	.72	.35
September	.54	.46	.41	.32	.40	.53	.52	.56	.23	.54	.33
Average	.59	.52	.59	.57	.59	.69	.68	.75	.46	.75	.52

[illegible]

SUMMARY OF DIVERSIONS BY 18 CANALS FROM BOISE RIVER BEGINNING 1916

Acre Feet Diverted

1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
66580	55066	58840	54720	38144	30380	13574	63910	35312	29258	44744
28312	117794	133652	112660	122736	139664	127630	114192	135124	124554	123594
04112	90580	128192	94400	127004	128168	119852	125390	97806	128286	137198
32372	49858	121656	67656	126410	115496	103810	98520	59454	120818	108706
103304	30106	97294	47762	101428	83036	72406	76562	36398	87472	80802
79264	31396	92954	44760	80726	70006	58590	61944	32244	68098	58160
613944	374800	612588	421958	596448	566750	498862	540518	396338	558486	553204

Acre Feet Diverted Per Acre

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

Rate in Miners Inches Per Acre Diverted

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

Percent During Each Month

[illegible]

CANALS FROM BOISE RIVER BEGINNING 1916

Feet Diverted

1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
3574	63910	35312	29258	44744	97480	27234	32734	19306	33230	86482
7630	114192	135124	124554	123594	127234	135380	144266	139962	127512	149266
9852	125390	97806	128286	137198	100320	129017	113914	120658	130646	116346
03810	98520	59454	120818	108706	71736	102937	99646	92842	123436	85122
72406	76562	36398	87472	80802	45442	75411	71296	63396	101832	67000
58590	61944	32244	68098	58160	34896	55207	70204	35322	87722	47792
98862	540518	396338	558486	553204	477108	525186	532060	471486	604378	552008

Diverted Per Acre

.12	.57	.31	.26	.40	.86	.24	.29	.17	.29	.77
1.15	1.01	1.20	1.11	1.10	1.13	1.18	1.28	1.24	1.10	1.33
1.07	1.11	.87	1.14	1.22	.89	1.12	1.01	1.07	1.13	1.03
.93	.88	.53	1.07	.95	.64	.89	.88	.82	1.06	.76
.65	.68	.32	.78	.72	.40	.65	.63	.56	.87	.59
.52	.55	.29	.60	.51	.31	.48	.63	.32	.76	.42
4.44	4.80	3.52	4.96	4.90	4.23	4.56	4.72	4.18	5.21	4.90

Inches Per Acre Diverted

.10	.47	.25	.21	.33	.72	.20	.24	.14	.24	.64
.94	.84	.99	.92	.92	.94	.99	1.07	1.03	.92	1.10
.87	.92	.71	.95	1.02	.74	.94	.84	.88	.94	.86
.76	.73	.44	.89	.79	.53	.75	.73	.68	.88	.63
.53	.57	.26	.65	.60	.33	.54	.52	.46	.72	.49
.42	.46	.24	.50	.42	.26	.40	.52	.26	.63	.35
.60	.66	.48	.69	.68	.59	.64	.65	.58	.72	.68

During Each Month

[illegible]

1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
744	97480	27234	32734	19306	33230	86482	41376	80552	55738	39208	24516
594	127234	135380	144266	139962	127512	149266	149934	131998	113370	134538	131926
198	100320	129017	113914	120658	130646	116346	129186	108418	111610	120988	110708
706	71736	102937	99646	92842	123436	85122	90458	101136	111536	129638	103094
802	45442	75411	71296	63396	101832	67000	75504	88616	87944	118256	75854
160	34896	55207	70204	35322	87722	47792	45104	77930	67998	89438	62392
204	477108	525186	532060	471486	604378	552008	531562	588650	548196	632066	508490
.40	.86	.24	.29	.17	.29	.77	.36	.72	.50	.33	.21
1.10	1.13	1.18	1.28	1.24	1.10	1.33	1.29	1.17	1.00	1.16	1.14
1.22	.89	1.12	1.01	1.07	1.13	1.03	1.11	.96	.99	1.04	.95
.95	.64	.89	.88	.82	1.06	.76	.78	.90	.99	1.12	.89
.72	.40	.65	.63	.56	.87	.59	.65	.78	.78	1.02	.65
.51	.31	.48	.63	.32	.76	.42	.39	.69	.60	.77	.54
4.90	4.23	4.56	4.72	4.18	5.21	4.90	4.58	5.22	4.86	5.44	4.38
.33	.72	.20	.24	.14	.24	.64	.30	.60	.42	.27	.17
.92	.94	.99	1.07	1.03	.92	1.10	1.07	.98	.83	.97	.95
1.02	.74	.94	.84	.88	.94	.86	.93	.80	.82	.87	.79
.79	.53	.75	.73	.68	.88	.63	.65	.75	.82	.93	.74
.60	.33	.54	.52	.46	.72	.49	.54	.65	.65	.85	.54
.42	.26	.40	.52	.26	.63	.35	.32	.57	.50	.64	.45
.68	.59	.64	.65	.58	.72	.68	.65	.73	.67	.75	.61
8.1	20.3	5.3	6.2	4.1	5.6	15.7	7.9	13.8	10.3	6.1	4.8
22.5	26.7	25.9	27.1	29.8	21.1	27.0	28.0	22.4	20.6	21.3	26.0
25.0	21.1	24.6	21.4	25.5	21.7	21.2	24.4	18.4	20.4	19.1	21.7
19.4	15.1	19.5	18.7	19.7	20.3	15.5	17.1	17.3	20.4	20.6	20.3
14.7	9.5	14.2	13.4	13.4	16.7	12.0	14.2	14.9	16.0	18.8	14.9
10.3	7.3	10.5	13.2	7.5	14.6	8.6	8.4	13.2	12.3	14.1	12.3
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.00	100.0	100.0

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

DRAIN	1949						
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
Eagle Drain	1,262	3,338	3,772	3,602	2,840	2,610	17,424
Star Feeder	0	774	1,812	2,696	2,666	2,380	10,328
Watts Check	714	2,276	1,550	1,694	1,592	1,686	9,512
Long Feeder	858	1,698	1,618	1,386	1,446	1,432	8,438
South Middleton Drain	2,072	6,390	7,316	2,626	2,364	2,690	23,458
North Middleton Drain	1,930	3,584	2,494	1,858	1,602	1,498	12,966
Hartley Drain	788	1,374	1,450	1,478	1,494	1,156	7,740
Totals	7,624	19,434	20,012	15,340	14,004	13,452	89,866
Average Daily Flow in Second Feet	127	313	334	247	226	224	267
Acre Feet per Acre	.26	.67	.69	.53	.48	.46	3.09

1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949

AL MONTHLY FLOW IN ACRE FEET AND AVERAGE
 LY FLOW IN SECOND FEET OF ALL DRAINS IN
 AINAGE DISTRICT NO. 2, FOR 29,000 ACRES

1949

	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	ACRE FEET PER ACRE
38	3,772	3,602	2,840	2,610	17,424	1930 2.61
774	1,812	2,696	2,666	2,380	10,328	1931 1.99
276	1,550	1,694	1,592	1,686	9,512	1932 2.36
698	1,618	1,386	1,446	1,432	8,438	1933 2.36
390	7,316	2,626	2,364	2,690	23,458	1934 2.41
584	2,494	1,858	1,602	1,498	12,966	1935 2.27
374	1,450	1,478	1,494	1,156	7,740	1936 2.55
434	20,012	15,340	14,004	13,452	89,866	1937 2.37
						1938 2.84
313	334	247	226	224	267	1939 2.32
.67	.69	.53	.48	.46	3.09	1940 2.51
						1941 2.80
						1942 2.72
						1943 3.10
						1944 2.49
						1945 2.73
						1946 2.70
						1947 3.26
						1948 2.87
						1949 3.09

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

1949

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
Average Daily Flow in Second Feet	7.4	10.3	13.3	17.4	15.2	9.9	12.3
Total Monthly Flow in Acre Feet	446	638	796	1080	944	592	4496
Acre Feet per Acre	.11	.15	.19	.26	.22	.14	1.07

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

1949

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
Average Daily Flow in Second Feet	10.6	20.4	26.3	25.0	23.4	18.8	20.7
Total Monthly Flow in Acre Feet	638	1266	1580	1550	1454	1080	7568
Acre Feet per Acre	.26	.51	.63	.62	.58	.43	3.03

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

1949

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
7.4	10.3	13.3	17.4	15.2	9.9	12.3
446	638	796	1080	944	592	4496
.11	.15	.19	.26	.22	.14	1.07

ACRE FEET PER ACRE

1935	1.04
1936	1.43
1937	.83
1938	.83
1939	1.00
1940	1.01
1941	.90
1942	1.04
1943	1.12
1944	1.08
1945	1.10
1946	1.24
1947	1.65
1948	1.01
1949	1.07

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

1949

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
10.6	20.4	26.3	25.0	23.4	18.8	20.7
638	1266	1580	1550	1454	1080	7568
.26	.51	.63	.62	.58	.43	3.03

ACRE FEET PER ACRE

1935	2.10
1936	2.12
1937	2.36
1938	2.25
1939	3.60
1940	2.36
1941	2.30
1942	2.59
1943	2.72
1944	2.59
1945	2.67
1946	2.68
1947	2.51
1948	2.71
1949	3.03

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
April		447	939		1093	822	441	1075	903	650	412	681	304	7
May		861	1192	1214	1247	1008	629	1475	741	1228	644	350	638	8
June		545	1191	1341	1281	1048	817	880	963	1200	594	1123	588	9
July	465	498	1006	1179	756	598	697	888	836	877	372	935	412	9
Aug.	276	381	727	690	785	558	630	811	713	800	341	799	376	7
Sept.	469	460	739	715	938	549	596	814	618	863	311	880	496	3
Average	403	533	964	1027	1011	763	635	990	795	739	446	794	469	83

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
April														
May														
June											243		214	
July	139	122			227	252			242		180		137	
Aug.	70	130	194	254	270	233	203	285	239	286	176	328	144	272
Sept.	201	150	199	225	263	248	118	267	180	344	134	323	209	247
Average	123	137	196	242	260	242	178	281	213	315	183	325	176	260

	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
April														
May														
June					431	352					339		343	
July	357	249	503	425	503	325	426	526	547		192		275	
Aug.	213	245	540	386	500	307	420	512	474	574	165	470	232	455
Sept.	280	300							439	613	177	560	287	592
Average	275	281	521	409	490	328	424	519	467	593	218	515	284	524

SUMMARY TABLE IN SECOND FEET
SHOWING RETURN FLOW TO BOISE RIVER

RETURN FLOW TO ENTIRE RIVER

25	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
81	304	711	839	467	274	336	423	488	348	212	185	357	593
850	638	860	983	600	758	670	1825	1300	724	815	976	685	1355
123	588	946	1140	1077	869	694	1243	929	839	1204	1147	987	1373
935	412	902	706	538	673	386	980	658	515	669	735	598	1213
799	376	728	552	483	626	345	555	551	374	504	589	464	753
880	426	839	698	571	658	384	581	540	454	505	713	473	823
794	469	831	820	623	643	469	934	744	542	652	725	594	1018

RETURN FLOW TO SECTION ONE

1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	214												
	137		222	137	260	158	336	216	204	257	343	273	
328	144	272	187	170	230	157	183	247	110	201	294	185	242
323	209	247	257	184	262	167	183	177	168	197	377	168	233
325	176	260	222	164	251	161	234	213	161	218	338	208	238

RETURN FLOW TO SECTION TWO

1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
	343												
	275		459	398	414	228	623	409	314	412	438	326	
470	232	455	365	313	395	183	372	325	264	305	329	280	511
560	287	592	442	412	396	217	398	361	286	308	376	305	590
515	284	524	422	374	401	211	464	365	288	341	381	303	550

D FEET

ISE RIVER

RIVER

	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
3	488	348	212	185	357	593	259	607	547	558	533	370	287	461
5	1300	724	815	976	685	1355	956	955	1269	1091	491	591	779	872
3	929	839	1204	1147	987	1373	875	879	1334	1000	778	1223	972	1028
0	658	515	669	735	598	1213	605	637	746	648	885	657	914	895
5	551	374	504	589	464	753	505	535	746	637	891	589	675	776
1	540	454	505	713	473	823	660	716	840	681	945	652	697	843
4	744	542	652	725	594	1018	643	721	914	769	754	680	711	812

TION ONE

	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	
336	216	204	257	343	273		246	213	290	92		139	250	228	3
183	247	110	201	294	185	242	221	212	269	227	170	196	186	294	3
183	177	168	197	377	168	233	249	222	267	190	219	200	203	198	3
234	213	161	218	338	208	238	239	216	275	169	195	178	213	240	3

CTION TWO

	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
623	409	314	412	438	326		358	422	479	556		518	664	666	59
372	325	264	305	329	280	511	281	323	482	409	567	393	489	529	45
398	361	286	308	376	305	590	411	494	578	491	538	452	493	645	65
464	365	288	341	381	303	550	350	413	513	485	552	454	549	613	569

Chart No. 19

1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
357	593	259	607	547	558	533	370	287	461	579	17	479
685	1355	956	955	1269	1091	491	591	779	872	1098	680	1213
987	1373	875	879	1334	1000	778	1223	972	1028	1265	701	1168
598	1213	605	637	746	648	885	657	914	895	916	924	893
464	753	505	535	746	637	891	589	675	776	742	854	765
473	823	660	716	840	681	945	652	697	843	951	980	832
554	1018	643	721	914	769	754	680	711	812	925	699	892

1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
273		246	213	290	92		139	250	228	331	214	282
165	242	221	212	269	227	170	196	186	294	316	350	287
168	233	249	222	267	190	219	200	203	198	317	310	271
208	238	239	216	275	169	195	178	213	240	321	291	280

1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
326		358	422	479	556		518	664	666	591	732	611
280	511	281	323	482	409	567	393	489	529	459	564	478
305	590	411	494	578	491	538	452	493	645	657	679	561
303	550	350	413	513	485	552	454	549	613	569	658	550

INTERVENORS - STEWART DECREE BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DE
				SEC. FT.	INCHES	
66-A	4-1-1878	J. S. Kraus				
129-A	4-1-1897	H. F. Plain	Ballantine	.80	40	
66-C	4-1-1878	J. W. Kolander	Dry Creek	.54	27	
66-D	4-1-1878	M. T. Griffith	Ballantine	1.40	70	
73-A	4-1-1880	Goble & Songer	Ballantine	.80	40	
75-A	6-1-1880	C. B. Frank	Dry Creek	.54	27	
136	5-1-1906	H. E. Wymer	Dry Creek	.816	40.80	
85-A	6-1-1882	Leo Marsters	Ballantine	.356	17.80	
137	5-1-1909	B. P. Weaverling	Warm Springs	1.60	80	
138	6-14-1912	Wesley A. Mace	Mace & Mace	1.60	80	
85-C	5-1-1883	Wm. Huckba	Catlin & Mace	.40	20	
85-D	5-1-1883	C. H. Schmelzer	Dry Creek	.203	10.15	
85-E	5-1-1883	C. W. McClurg	Ballantine	.7506	37.53	
124-A	5-1-1893	W. D. Charters	Dry Creek	.35	17.50	
85-B	4-1-1883	Jacob Bingham	" "	.75	37.50	
77-A	4-15-1882	Roc Helms	Settlers	1.00	50	
8-A	4-1-1865	Adolph Bahler	Riverside Irrig. Dist.	3.674	183.70	
47-A	4-1-1870	" "	Bahler	.80	40	
35-A	6-1-1867	Ralph T. Knight	"	.80	40	
116-A	6-1-1890	Anna Spencer	Canyon County	1.76	88	
116-B	6-1-1890	Willis B. Spencer	Riverside Irrig. Dist.	.72	36	12-A
116-C	6-1-1890	Rebecca Bell	" " "	.10	5	"
114-A	5-1-1889	Neil & Patrick O'Donnell	" " "	.40	20	"
114-B	5-1-1889	Gus A. Barth	O'Donnell & Barth	1.60	80	466
77-A	6-1-1881	" "	" "	.80	40	467
77-B	6-1-1881	Charles Jurries	Parma Ditch Co.	1.60	80	467
77-C	6-1-1881	James Finlay	" " "	.34	17	467
77-D	6-1-1881	Lester J. Shippy	" " "	.80	40	467
31-A	6-1-1866	Wm. Musser	" " "	1.30	65	467
31-B	6-1-1866	Minnie & Jerry Couzens	Lawrence & Kennedy	2.30	115	482
31-C	6-1-1866	Albert C. Bowerman	Middleton Water	.60	30	482
71-A	4-1-1879	Island Highline Ditch Co.	Lawrence & Kennedy	1.10	55	482
137-A	4-1-1910	" " " "		3.00	150	491
139	4-1-1915	" " " "		7.00	350	491
75-A	1880	Albert Lemp et al	Larsen-Baxter & Lemp	10.00	500	491
29-A	1865	Louise Slomonsen	Lemp Ditch-Eagle Island	3.20	160	496
8-B	4-1-1865	First Nat. Bank of Pueblo	Bubb	6.00	300	496
29-B	1865	S. G. Hardies & Amelia Eisley	Bubb	1.80	90	497
51-A	1870	" " " "	"	.50	25	498
116-A	1889	" " " "	"	1.00	50	498
				.84	42	498

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. Hardies & Amelia Eisley	Bubb	.50	25	498
" " " "	"	1.00	50	498
" " " "	"	.84	42	498

TABLE SHOWING CHANGE IN POINT OF DIVERSI

No. of Change of Point of Diversion	Point of Diversion		Date of Change	Priority	
	From	To		No.	Date
3	Eureka No. 2	Eureka No. 2			
9	Pioneer Dixie	Pioneer Dixie	4-2-1912	96	10-1-87
29	Caldwell High Line	Canyon County	7-31-1912		
32	Davis	Davis Ditch	8-26-1918		
35	Pioneer Dixie	Riverside	7-15-1919		
36	Canyon County	Middleton Water	4-3-1919		
38	Hart & Davis	Seven Suckers	4-12-1918	35	6-1-67
39	Hart & Davis	Seven Suckers	9-24-1915		
48	Pioneer Dixie	Pioneer Dixie	6-12-1918		
50	Lower Cen. Point	Bowman & Swisher	9-26-18		
51	Lower Cen. Point	Bowman & Swisher	3-31-1920	19	6-1-65
54	Canyon County	Middleton Mill	3-31-1920	20	6-1-65
57	Middleton Water	Ballantine	4-24-1920	35	6-1-67
59	Kennedy	Canyon County	12-2-1920	65	6-1-77
61	Kennedy & Lawrence	Middleton Water	3-18-1921	31	6-1-66
64	Ballantine	Dry Creek	6-22-1921	31-B	6-1-66
75	Middleton Mill	Canyon County	12-21-1921	102	6-1-88
76	Settlers	Settlers	11-25-1924		
77	Bubb	Bahler	3-12-1925	85-B	4-1-83
77	Bubb	Bahler	4-26-1925	8-A	4-1-65
83	Warm Springs	Settlers	4-26-1925	47-A	4-1-70
84	Middleton Water	Farmers Union	4-29-1926		
85	Upper Cen. Point	Eureka No. 2	3-9-1926	65	6-1-77
91	Ballantine	Dry Creek	5-7-1926		
103	Parma Ditch	Parma Ditch	6-23-1926	103	
126	Lawrence & Kennedy	Middleton Water	10-3-1928		
127	Bowman & Swisher	Larsen, Baxter & Lemp	3-25-1931	31-A	6-1-66
131	Eureka No. 2	Lower Cen. Point	8-15-1930		6-1-65
140	Ballantine	New Dry Creek	1-16-32	89	11-9-83
141	Fischer Power	Fischer Power	4-23-1934	85-D	5-1-83
147	Middleton Mill	Canyon County	12-18-1934		7-9-12
148	Pioneer Dixie	Upper Cen. Point No. 1	1-8-1936		6-1-67
151	New Dry Creek	Ballantine	4-17-1936	96	10-1-87
152	Bahler Ditch	Ridenbaugh	2-10-1937		5-1-93
153	Rein-Keogh-Bahler	Ridenbaugh	5-15-1937		4-1-70
154	Bahler Ditch	Ridenbaugh	5-15-1937		5-1-95
159	Upper Cen. Point	Eureka No. 2	5-15-1937		4-1-65
161	Ballantine	New Dry Creek	5-27-1939		6-1-65
174	Ballantine	New Dry Creek	5-5-1940	103	6-1-88
175	Riverside	Eureka	3-28-1944	103	6-1-88
176	Mammon Ditch	Haas Ditch	4-11-1944		6-1-83
179	Catlin-Mace	Seven Suckers	4-18-1944		6-1-78
			3-31-1945	5)	6-1-64)
				52)	6-1-71)

FILE 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		Thos. T. Johnston
7-31-1912					Albert P. Clemons
8-26-1918			50	50	J. C. Hughes
7-15-1919					Ed Davis
4-3-1919			160	100	Rebecca Bell
4-12-1918	35	6-1-67		19	Draper & Others
9-24-1915				52	Shaffer & Others
6-12-1918					George Rambo
9-26-18					Jas. B. Ruark
3-31-1920	19	6-1-65		144	John P. Swisher
3-31-1920	20	6-1-65		320	Birdsman
4-24-1920	35	6-1-67		55½	H. G. Dudley
12-2-1920	65	6-1-77	35	30	Edward McClintick
3-18-1921	31	6-1-66		130	W. Kenedy
6-22-1921	31-B	6-1-66		30	Minna Couzens
12-21-1921	102	6-1-88		10	Harry Seavey
11-25-1924				25	Detwold Etc. Bank
3-12-1925	85-B	4-1-83		50	Jacob Bingham
4-26-1925	8-A	4-1-65	80	40	Adolph Bahler
4-26-1925	47-A	4-1-70		40	Adolph Bahler
4-29-1926				36	Leo Musters
3-9-1926	65	6-1-77		40	J. C. Ralph
5-7-1926				25	J. C. Bruce
6-23-1926	103			32½	Ira P. Barber
10-3-1928					Charles Jurries
3-25-1931	31-A	6-1-66		115	Wm. Messer
8-15-1930		6-1-65		40	Wm. Baxter
1-16-32	89	11-9-83		35	R. E. McGuire
4-23-1934	85-D	5-1-83		3	Chas. H. Schmelzer
12-18-1934		7-9-12			Fischer Power Only
1-8-1936		6-1-67		10	Cora M. Clifton
No. 1 4-17-1936	96	10-1-87		75	Dora Greer
2-10-1937		5-1-93		6¾	J. H. Cone
5-15-1937		4-1-70		40	Adolph Bahler
5-15-1937		5-1-95		50	Adolph Bahler
5-15-1937		4-1-65		40	Adolph Bahler
5-15-1937		6-1-65		5	Raymond T. Breshears
5-27-1939		6-1-88		32½	Sid Barber
5-5-1940	103	6-1-88		12	Frank M. Ray
3-28-1944	103	6-1-83		85	Wilbur Breshears
4-11-1944		6-1-78		440	Charlotte D. Allen
4-18-1944		6-1-64)		12	Idaho Fish & Game Dept.
3-31-1945	5)	6-1-71)			
	52)				

OF DECREEED RIGHTS ON BOISE RIVER

CHART 22

No. of Acres	Quantity in Inches	By Whom	Remarks
80		Thos. T. Johnston	
50	50	Albert F. Clemens	
		J. C. Hughes	
160	100	Ed Davis	
	19	Rebecca Bell	
	52	Draper & Others	
		Shafer & Others	
		George Rambo	
	144	Jas. Ruark	To Indian Creek
	320	John Swisher	
	55½	Bird Bowman	
35	30	H. G. Dudley	Foots & Wiseman
	130	Edward McClintick	
	30	W. Kenedy	
	10	Minna Couzens	
	25	Harry Seavey	
	50	Detwed Etc. Bank	
80	40	Jacob Bingham	
	40	Adolph Bahler	
	36	Adolph Bahler	
	40	Leo Msters	
	25	J. C. Ralph	
	32½	J. C. Bruce	Not approved by ditch companies Secretary
		Ira Barber	
	115	Charles Jurrries	
	40	Wm. Messer	
	35	Wm. Baxter	
	3	R. E. McGuire	Below Fairview Bridge
		Chas. H. Schmelzer	
	10	Fischer Power Only	
	75	Cora M. Clifton	Decreed to Amer. Ditch Assoc.
	6¾	Dora Greer	
	40	J. H. Cone	
	50	Adolph Bahler	
	40	Adolph Bahler	
	5	Adolph Bahler	
	32½	Raymond T. Breshears	
	12	Sid Barber	
	85	Frank M. Ray	
440		Wilbur Breshears	
12		Charlotte D. Allen	
		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				
34	"	"	92	10-17-84	3-16-1909)	15
36	American Ditch Assn.	Pioneer Dixie	122	6-1-91	3-16-1909)	
38	American Ditch Assn.	Canyon Ditch Co.	96	10-1-87	4-19-1909	100
45	Settlers	Settlers	96	10-1-87	9-1-1909	605
46	Barber Lumber Co.	Penitentiary			2-5-1910	10
47	American Ditch Assn.	Eureka No. 2	50	6-1-66	2-4-1910	112
48	American Ditch Assn.	Pioneer Dixie	96	10-1-87	3-18-1910	1475
50	Settlers	Settlers	96	10-1-87	3-31-1910	210
62	Pioneer Dixie	Eureka No. 2			6-7-1910	20
71	Upper Con. Point	Eureka No. 2	96	10-1-87	11-14-1910	50
105	Siebertberg	Canyon Ditch	24	6-1-65	3-14-1911	40
111	Eureka No. 2	Hillcrest	9	6-1-65	9-18-1912	25
111	Pioneer Dixie	Hillcrest	96	10-1-87	11-25-1912	60
111	"	"	8	6-1-64	11-25-1912)	1017
136	Jacobs	Farmers Union	45	6-1-69	11-25-1912)	
219	Pioneer Irr. Dist.	Pioneer Irr. Dist.	2	6-1-64	6-8-1914	1000
300	Middleton Mill	Dry Creek			7-15-1918	432
301	Middleton Mill	Dry Creek			4-20-1921	17.5
347	Middleton Mill	Settlers	3	6-1-64	4-20-1921	77
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	2-6-1925	10
370	Boise City	Farmers Union	33	6-1-66	5- -1925	56.2
373	Boise City	Farmers Union	33	6-1-66	3-16-1926	18.7
374	Middleton Water #1	Farmers Union	65	6-1-77	4-26-1926	20
375	Middleton Water	Farmers Union	65	6-1-77	5-6-1926	10
384	Middleton Water	Farmers Union	65	6-1-77	5-6-1926	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
460	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	50
600	Riverside	Pioneer Dixie	88	6-1-83	4-29-1940	35
644	Riverside	Pioneer Dixie	88	6-1-83	11-12-1942	25
654	Consumers	Settlers	30	5-1-66	10-18-1943	50
654	Consumers	Settlers	30	5-1-66	10-18-1943	25
654	Consumers	Pioneer-Dixie	88	5-1-66	4-11-1944	30
660	Riverside	Settlers	30	5-1-66	4-29-1946	8
664	Consumers	Settlers	30	5-1-66	4-29-1946	6

ED RIGHTS ON BOISE RIVER

Chart No. 23

Date of Transfer	Quantity in Inches	By Whom Transferred	Remarks
3-16-1909)	15	Walter S. Bruce	
3-16-1909)			
4-19-1909	100	C. H. Rosenberger	Change in point of diversion only
9-1-1909	605	Wm. M. Messler	
2-5-1910	10	J. E. Moore	
2-4-1910	112	Barber Lumber Co.	
3-18-1910	1475	American Ditch Assn.	Change in point of diversion only
3-31-1910	210	Nichols & Cooper	Change in point of diversion only
6-7-1910	20	J. P. Cleek	
11-14-1910	50	J. A. Cartright	
3-14-1911	40	J. D. Roland	Change in point of diversion only
9-18-1912	25	H. E. Meek	
11-25-1912	60	H. L. Randall & Others	
11-25-1912)	1017	H. L. Randall & Others	
11-25-1912)			
6-8-1914	1000	Boise Fruit Tract Co.	
7-15-1918	432	Pioneer Irr. Dist.	Licensed Right Indian Creek
4-20-1921	17.5	Emma M. Fowler	
4-20-1921	77	John F. Groome	
2-6-1925	7	C. E. White	
2-6-1925	7	Frank Wessel	
2-6-1925	7	Carl A. Gish	
5- -1925	10	Nellie B. Whitaker	
3-16-1926	56.2	Henry W. Bartlett	
4-26-1926	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	
11-16-1926	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. Wessel	
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	Larson Tract
10-18-1943	25	W. W. Howell	Hamming Tract
10-18-1943	50	W. W. Howell	Budge Tract
10-18-1943	25	W. W. Howell	
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	
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	
"	"	"	"	"	"	10	
713	"	New Dry Creek	30	"	6-14-1947	25	
717	Siebenberg	Farmers Coop.	9	6-1-65	11-25-1947	27	
720	Consumers	Settlers	30	5-1-66	5-4-1948	32	R. M.
720	"	"	"	"	"	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

DECREED RIGHTS ON BOISE RIVER

Chart No. 23-A

Date of Transfer	Quantity In Inches	By Whom Transferred	Remarks
4-29-1946	7		
4-29-1946	13	W. W. Howell	O. G. Stark
12-20-1946	100	W. W. Howell	G. W. Kyle
12-20-1946	30	W. W. Howell	Rex Jensen (Boise-Runa Irrig. Dist.)
6-14-1947	10	W. W. Howell	Mrs. Edith Curtis
"	10	W. W. Howell	Clyde Simpson
"	25	"	John Demond
6-14-1947	27	"	Len Simpson
11-25-1947	32	"	J. S. Beebe
5-4-1948	10	R. M. Tucker	
"	10	W. W. Howell	W. E. Doty
"	7	"	Tom Erquiaga
"	10	"	Louis Odernott
"	20	"	W. H. Caldwell
"	10	"	Norman C. Steele
3-9-1949	50	Aircraft Service Co.	George Bert Roylance
3-9-1949	55	W. W. Howell	
4-2-1949	7.5	W. W. Howell	

STEWART DECREE.

No.	Date	Name	Amt. Decreed		No.	Date	Name	Amt. Decreed		No.	Date	Name
			Sec. Ft.	Inches				Sec. Ft.	Inches			
1	6-1-64	Thomas Davis	2.20	110	46	6-1-69	Mason Creek Ditch Co.	37.20	1860	91	6-1-84	River
2	6-1-64	Jacobs Canal Co.	20.00	1000	47	6-1-69	T.W. Boone.	3.50	175	92	10-17-84	Settlers
3	6-1-64	Middleton Mill Ditch	12.80	640	48	6-1-70	W.T. Hamming	2.60	130	93	6-1-86	New
4	6-1-64	Thomas Andrews	3.30	165	49	6-1-70	Pioneer Canal	25.72	1286	94	6-1-86	Thom
5	6-1-64	Catlin & Mace	2.86	143	50	6-1-69	Barber Lumber Co.	2.24	112	95	1-23-87	W.C.
6	6-1-64	T.C. Catlin	3.30	165	51	6-1-70	Thomas Andrews	1.30	65	96	10-1-87	Amer
7	6-1-64	C.C. Havird	3.30	165	52	6-1-71	Catlin & Mace	7.86	393	97	6-1-88	New Dr
8	6-1-64	Pioneer Dixey Ditch Co	20.00	1000	53	6-1-71	Peter Meeras	1.80	90	98	6-1-88	A.V.L.
9	6-1-65	Seibenberq Ditch Co.	13.42	671	54	6-1-71	Middleton Mill Ditch Co	33.70	1685	99	6-1-88	Leri S
10	6-1-65	Allen K Webster	1.20	60	55	6-1-72	J.F. Yaryan	.70	35	100	6-1-88	Charle
11	6-1-65	J.F. Yaryan	.66	33	56	6-1-72	J.F. Yaryan	1.40	70	101	6-1-88	Ed. J. L.
12	6-1-65	Graham & Gilbert.	4.40	220	57	6-1-72	Mary C. Davis.	4.40	220	102	6-1-88	Lizzie
13	6-1-65	Eureka Water Co.	33.32	1666	58	6-1-72	Edward H. Hart	3.30	165	103	6-1-88	Jessie
14	6-1-65	New Union Ditch Co.	13.76	688	59	6-1-74	T.W. Boone	2.20	110	104	6-1-88	Thomas
15	6-1-65	Boise Valley Irrig. Ditch	54.58	2729	60	6-1-75	Farmers Cooperative D. Co.	10.00	500	105	7-1-88	Farmers
16	6-1-65	Ridenbaugh & Rossi	9.20	460	61	6-1-76	Edward & Mary Clark.	2.30	115	106	8-20-88	Nampa
17	6-1-65	Ridenbaugh & Rossi (Power)	265.80	13290	62	6-1-76	John Cecil	.44	22	107	5-1-89	Chas. S.
18	6-1-65	Denver & Idaho Land Co.	.80	40	63	6-1-77	Thomas Hkens	5.20	260	108	5-1-89	Lommisk
19	6-1-65	Martha Bowman	2.88	144	64	6-1-77	W.H. Conway	.90	45	109	5-1-89	S.B.J. Utter
20	6-1-65	Bird Bowman	6.40	320	65	6-1-77	Middleton Water Co.	114.08	5704	110	5-1-89	South Boise
21	6-1-65	G.W. Gess	2.90	145	66	7-1-77	Perrault & Johnson (Power)	200.00	10000	111	5-1-89	Estate of J.H.
22	6-1-65	Robert McGuire	3.20	160	67	5-1-78	Nampa-Meridian Irrig. D.	170.00	8500	112	5-1-89	Anna H. Fog
23	6-1-65	G.W. Cooper	3.20	160	68	6-1-78	John Mammen	4.20	210	113	5-1-89	Grace Galt
24	6-1-65	J.W. Roland	2.40	120	69	6-1-78	Julia Mammen	3.36	168	114	5-1-89	Samuel H. Co
25	6-1-65	Draper & Wells	3.94	197	70	6-1-78	Charles Allen	8.80	440	115	6-1-89	Sonora Jap
26	6-1-65	Thomas J. Palmer	1.60	80	71	6-1-78	R.H. Stockton	4.40	220	116	6-1-89	Sonora Jap
27	6-1-65	Noah W. Palmer	1.58	79	72	6-1-79	New Dry Creek Ditch Co.	31.32	1566	117	9-1-90	Pioneer Irrig
28	6-1-65	J.N. Tucker	7.00	350	73	6-1-79	D. Mumford	4.00	200	118	6-1-91	W.H. Conway
29	6-1-65	Thomas Andrews	6.00	300	74	6-1-80	Smith Stockton	1.76	88	119	6-1-91	Thomas Da
30	5-1-66	J. Perrault & R. Johnson	50.00	2500	75	6-1-80	Isaham Joplin	2.40	120	120	1-1-91	Middleton Mill
31	6-1-66	William P. Kennedy	2.60	130	76	10-20-80	Joseph Gable	.90	45	121	6-1-91	Thomas Frie
32	6-1-66	Manville & Leonard	3.50	175	77	10-29-80	Franklin Ditch Co.	27.60	1380	122	6-1-91	Settlers Can
33	6-1-66	Boise City Canal Co.	38.06	1903	78	6-1-82	Allen V. Webster	.90	45	123	6-1-91	Thomas P. R.
34	6-1-66	Franklin Ditch Co.	15.40	770	79	6-1-82	Susie Campbell	.60	30	124	5-1-93	Riverside Irrig
35	6-1-67	Canyon Co. Water Co.	75.80	3790	80	6-1-82	J.T. Barber	1.60	80	125	6-1-94	R.H. Stockton
36	6-1-68	Martha E. McCarthy	14.10	705	81	6-1-82	Sonora Joplin	3.40	170	126	7-2-94	Farmers Union
37	6-1-68	H.D. & Dora Goodman	3.70	185	82	6-1-82	S.W. Hutchinson	.44	22	127	5-1-95	Charles Rein B.
38	6-1-68	T.T. Johnson	3.20	160	83	6-1-82	Johnson	.44	22	128	7-1-95	Matthew Casey
39	6-1-68	Ross, Allen, Dilley & Ross	8.34	427	84	6-1-82	Andrew J. Joplin	2.86	143	129	7-1-96	Farmers Coop. D.
40	6-1-68	S.S. Gray	1.40	70	85	6-1-82	James L. Graham	2.20	110	130	10-1-99	Riverside Irrig. D.
41	6-1-69	John Mammen	1.80	90	86	6-1-83	Farmers Cooperative Ditch	20.00	1000	131	3-23-00	New York Canal
42	6-1-69	Isaac Bedal	1.60	80	87	6-1-83	Francis M. Joplin	.90	45	132	5-17-00	Canyon Ditch Co
43	6-1-69	Frederick Ode	3.60	180	88	6-1-83	W.H. Black	12.00	600	133	6-1-01	Riverside Irrig. D.
44	6-1-69	Prior Burnett	8.50	425	89	11-9-83	Eureka Ditch Co. No. 2	21.70	1085	134	10-25-01	Canyon Ditch Co
45	6-1-69	Pioneer Dixey Ditch Co.	35.44	1772	90	6-1-84	Pomona Irrig. District	53.10	2655	135	4-1-04	Pioneer Dixey D.

• Indicates Rights surrendered to return flow to river.

STEWART DECREE.

24.
CHART 24.

No.	Date	Name	Amt. Decreed		No.	Date	Name	Amt. Decreed	
			Sec. Ft.	Inches				Sec. Ft.	Inches
46	6-1-69	Mason Creek Ditch Co.	37.20	1860	91	6-1-84	Riverside Irrig. Dist.	20.00	1000
47	6-1-69	T.W. Boone.	3.50	175	92	10-17-84	Settlers Canal Co.	99.06	4953
48	6-1-70	W.J. Hamming	2.60	130	93	6-1-86	New Dry Creek Ditch	15.22	761
49	6-1-70	Pioneer Canal	25.72	1286	94	6-1-86	Thomas Davis	13.40	670
50	6-1-69	Barber Lumber Co.	2.24	112	95	1-23-87	W.C. L. & E. Young	4.00	200
51	6-1-70	Thomas Andrews	1.30	65	96	10-1-87	American Ditch Assoc.	47.80	2390
52	6-1-71	Catlin & Mace	7.86	393	97	6-1-88	New Dry Creek Ditch Co.	7.86	393
53	6-1-71	Peter Meeras	1.80	90	98	6-1-88	R.V. Linder.	4.00	200
54	6-1-71	Middleton Mill Ditch Co.	33.70	1685	99	6-1-88	Leri Smith	1.20	65
55	6-1-72	J.F. Yaryan	70	35	100	6-1-88	Charlotte Calhoun	1.40	70
56	6-1-72	J.F. Yaryan	1.40	70	101	6-1-88	Ed. J. Linder.	1.46	73
57	6-1-72	Mary C. Davis.	4.40	220	102	6-1-88	Lizzie Everett.	1.20	60
58	6-1-72	Edward N. Hart	3.30	165	103	6-1-88	Jessie Wilson.	1.40	70
59	6-1-74	J.W. Boone	2.20	110	104	6-1-88	Thomas Andrews	.90	45
60	6-1-75	Farmers Cooperative D. Co.	10.00	500	105	7-1-88	Farmers Coop. Ditch Co.	50.00	2500
61	6-1-76	Edward & Mary Clark	2.30	115	106	8-20-88	Nampa-Meridian Irrig. D.	370.84	18542
62	6-1-76	John Cecil	.44	22	107	5-1-89	Chas. S. Miller	.06	3
63	6-1-77	Thomas Aikens	5.20	260	108	5-1-89	Lammis L. Haseley	.02	1
64	6-1-77	W.H. Conway	.90	45	109	5-1-89	S.B. Utter & C.B. Taylor	2.40	120
65	6-1-77	Middleton Water Co.	119.08	5954	110	5-1-89	South Boise Mutual Irrig. Co.	6.00	300
66	7-1-77	Perrault & Johnson (Went)	200.00	10000	111	5-1-89	Estate of J.H. Gallagher	2.94	147
67	5-1-78	Nampa-Meridian Irrig. D.	170.00	8500	112	5-1-89	Anna H. Fogarty	.05	2
68	6-1-78	John Mammion	4.20	210	113	5-1-89	Grace Call	.10	5
69	6-1-78	Julia Mammion	3.36	168	114	5-1-89	Samuel H. Canfield	.03	1
70	6-1-78	Charles Allen	8.80	440	115	6-1-89	Sonora Joplin	.06	3
71	6-1-78	R.H. Stockton	4.40	220	116	6-1-89	Sonora Joplin	1.20	60
72	6-1-79	New Dry Creek Ditch Co.	31.32	1566	117	9-1-90	Pioneer Irrig. District	200.00	10000
73	6-1-79	D. Mumford	4.00	200	118	6-1-91	W.H. Conway	2.20	110
74	6-1-80	Smith Stockton	1.76	88	119	6-1-91	Thomas Davis	.54	27
75	6-1-80	Isam Joplin	2.40	120	120	6-1-91	Middleton Mill Ditch Co.	170.00	8500
76	10-20-80	Joseph Goble	.90	45	121	6-1-91	Thomas Andrews	3.50	175
77	10-29-80	Franklin Ditch Co.	27.60	1380	122	6-1-91	Settlers Canal Co.	73.44	3672
78	6-1-82	Allen V. Webster	.90	45	123	6-1-91	Thomas Aiken	.80	40
79	6-1-82	Susie Campbell	.60	30	124	5-1-93	Riverside Irrig. District	80.00	4000
80	6-1-82	J.T. Barber	1.60	80	125	6-1-94	R.H. Stockton	1.76	88
81	6-1-82	Sonora Joplin	3.40	170	126	7-2-94	Farmers Union Ditch Co.	10.00	500
82	6-1-82	S.W. Hutchinson	.44	22	127	5-1-95	Charles Rein & Jane Kesh	1.00	50
83	6-1-82	Johnson	.44	22	128	7-1-95	Mathew Casey	.66	33
84	6-1-82	Andrew J. Joplin	2.86	143	129	7-1-96	Farmers Coop. Ditch Co.	83.50	4175
85	6-1-82	James L. Graham	2.20	110	130	10-1-99	Riverside Irrig. District	20.00	1000
86	6-1-83	Farmers Cooperative Ditch	20.00	1000	131	3-23-00	New York Canal Co.	219.10	10955
87	6-1-83	Francis M. Joplin	.90	45	132	5-17-00	Canyon Ditch Co.	10.00	500
88	6-1-83	W.H. Black	12.00	600	133	6-1-01	Riverside Irrig. District	70.00	3500
89	11-9-83	Eureka Ditch Co. No. 2.	21.70	1085	134	10-25-01	Canyon Ditch Co.	5.54	277
90	6-1-84	Pioneer Irrig. District	53.10	2655	135	4-1-04	Pioneer Irrig. District	56.34	2817

* Indicates rights supplied by return flow to river.

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	
New York			131	3-23-1900	219.10			10
				3-23-1900			58.86	2
				12-14-1903			1354.58	67
				6-16-1909			926.50	46
		111	8	6-1-1864	20.34			10
			45	6-1-1869				
		111	96	10-1-1887	1.20			
		466	106	8-20-1888	8.90			4
		701	30	5-1-1866	2.00			1
Nampa & Meridian			67	5-1-1878	170.00			850
			106	8-20-1888	370.84			1854
		392	65	6-1-1877	.40			20
	152		47-A	4-1-1870		.80		40
	153		127	5-1-1895	1.00			50
	154		8-A	4-1-1865		.80		40
		466*	106	8-20-1888	8.90*			445
		595	1	6-1-1864				
Bubb (So. Boise)			107	5-1-1889	.06			3
			108	5-1-1889	.02			1
			109	5-1-1889	2.40			120
			110	5-1-1889	6.00			300
			111	5-1-1889	2.94			147
			112	5-1-1889	.05			2
			113	5-1-1889	.10			5
			114	5-1-1889	.03			2
			8-B	4-1-1865		1.80		90
			29-B	4-1-1865		.50		25
			51-A	1870		1.00		50
			116-A	4-1-1889		.84		42
				4-1-1905			5.40	270
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

[illegible]

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Intervenors		Amount D
			No.	Date		Stewart Decree	Bryan Decree	
Davis			94	6-1-1886	13.40			
Little Davis			119	6-1-1891	.54			
Settlers			92	10-17-1884	99.06			
			122	6-1-1891	73.44			
		347	3	6-1-1864	.14			
		349	3	6-1-1864	.14			
		350	3	6-1-1864	.14			
		357	65	6-1-1877	.20			
		412	81	6-1-1882	.40			
	76		85-B	4-1-1883			1.00	
	83		85-A	6-1-1882			.72	
		430	65	6-1-1877	.25			
		595	1	6-1-1864				
		654	30	5-1-1866	.50			
		654	30	5-1-1866	1.00			
		654	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			
		702	30	5-1-1866	.60			
		712	30	5-1-1866	.20			
		712	30	5-1-1866	.20			
		712	30	5-1-1866	.50			
		720	30	5-1-1866	1.34			
Thurman Mill			7	6-1-1864	3.30			
			10	6-1-1865	1.20			
			11	6-1-1865	.66			
			36	6-1-1868	14.10			
			37	6-1-1868	3.70			
			42	6-1-1869	1.60			
			55	6-1-1872	.70			
			56	6-1-1872	1.40			
			62	6-1-1876	.44			
			75	6-1-1880	2.40			
			76	10-20-1880	.90			
			78	6-1-1882	.90			
			79	6-1-1882	.60			
			81	6-1-1882	2.60			
			84	6-1-1882	1.50			
			87	6-1-1883	.90			
			128	7-1-1895	.66			
		412*	81	6-1-1882	.40*			

*Subtract

STUART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Transfer	Priority		Stewart Decree	Intervenors		Amount Decreed	
	No.	Date		Stewart Decree	Bryan Decree	Inches	Total Sec. Ft.
	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	
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	
	85-B	4-1-1883		1.00		50	
	85-A	6-1-1882		.72		36	
430	65	6-1-1877	.25			12.5	
595	1	6-1-1864					
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	
	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	
	62	6-1-1876	2.40			120	
	75	6-1-1880	.90			45	
	76	10-20-1880	.90			45	
	78	6-1-1882	.90			30	
	79	6-1-1882	.60			130	
	81	6-1-1882	2.60			75	
	84	6-1-1882	1.50			45	
	87	6-1-1883	.90			33	
	128	7-1-1895	.66			20*	37.16
412*	81	6-1-1882	.40*				

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Intervenors		In
			No.	Date		Stewart Decree	Bryan Decree	
Penitentiary	46		50	6-1-1866	2.24			1
Cruzen (Consumers)			30	5-1-1866	50.00			250
		654*	30	5-1-1866	.50*			2
		654*	30	5-1-1866	1.00*			5
		654*	30	5-1-1866	.50*			2
		694*	30	5-1-1866	.16*			8
		694*	30	5-1-1866	.12*			6
		694*	30	5-1-1866	.14*			7
		694*	30	5-1-1866	.26*			13
		701*	30	5-1-1866	2.00*			100
		702*	30	5-1-1866	.60*			30
		712*	30	5-1-1866	.20*			10
		712*	30	5-1-1866	.20*			10
		712*	30	5-1-1866	.50*			25
		713*	30	5-1-1866	.54*			27
		720*	30	5-1-1866	1.34*			67
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	.15			7.5
		391	54)	6-1-1871	.15			14.4
		393	3	6-1-1864)	.288			25
		393	54	6-1-1871)	.50			12.5
		393	120	6-1-1891)	.25*			40
		395	65	6-1-1877	.80			50
		430*	65	6-1-1877	1.00			25
	84	512	1	6-1-1864	.50		54.46	15
		513	1	6-1-1864	.30			2723
		530		7-2-1894				

*Subtract

AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Canal	Priority		Stewart Decree	Intervenors		Inches	Total Sec. Ft.
	No.	Date		Stewart Decree	Bryan Decree		
	50	6-1-1866	2.24			112	2.24
44*	30	5-1-1866	50.00			2500	
44*	30	5-1-1866	.50*			25*	
44*	30	5-1-1866	1.00*			50*	
44*	30	5-1-1866	.50*			25*	
44*	30	5-1-1866	.16*			8*	
44*	30	5-1-1866	.12*			6*	
44*	30	5-1-1866	.14*			7*	
44*	30	5-1-1866	.26*			13*	
01*	30	5-1-1866	2.00*			100*	
02*	30	5-1-1866	.60*			30*	
12*	30	5-1-1866	.20*			10*	
12*	30	5-1-1866	.20*			10*	
12*	30	5-1-1866	.50*			25*	
13*	30	5-1-1866	.54*			27*	43.28
20*	30	5-1-1866	1.34*			67*	41.94
	33	6-1-1866	38.06			1903	
370*	33	6-1-1866	1.124*			56.2*	
373*	33	6-1-1866	.374*			18.7*	36.562
	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	.15			7.5	
391	54)	6-1-1871					
393	3	6-1-1864)				14.4	
393	54	6-1-1871)	.288				
393	120	6-1-1891)	.50			25	
395	65	6-1-1877	.25*			12.5*	
430*	65	6-1-1877	.80			40	
	65	6-1-1877	1.00			50	
512	1	6-1-1864	.50			25	
513	1	6-1-1864	.30			15	
530		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		Incl
		No.	Date		Stewart Decree	Bryan Decree	
Boise Valley		15	6-1-1865	54.58			272
New Union		14	6-1-1865	13.76			68
New Dry Creek		72	6-1-1879	31.32			1566
		93	6-1-1886	15.22			761
		97	6-1-1888	7.86			393
		129-A	4-1-1897		.54		27
		73-A	4-1-1880		.54		27
		75-A	6-1-1880		.816		40.
		85-C	5-1-1883		.203		10.
		85-E	5-1-1883		.35		17.
		124-A	5-1-1893		.75		37.
	300	3	6-1-1864)				17.
	300	54	6-1-1871)	.35			
	300	120	6-1-1891)				
	301	3)	6-1-1864				77
	301	54)	6-1-1871	1.54			
	301	120)	6-1-1891				10
		102	6-1-1888	.20			3
64		85-D	5-1-1883		.06		6.
140		124-A	5-1-1893		.135*		32.
151*		103	6-1-1888	.65			12
161		103	6-1-1888	.24			27
174		30	5-1-1866	.54			
	713						
Ballantine		98	6-1-1888	4.00			200
		99	6-1-1888	1.30			65
		100	6-1-1888	1.40			70
		101	6-1-1888	1.46			73
		102	6-1-1888	1.20			60
		103	6-1-1888	1.40			70
		123	6-1-1891	.80			40
		66-A	4-1-1878		.80		40
		66-C	4-1-1878		1.40		70
		66-D	4-1-1878		.80		40
		85-D	5-1-1883		.7506		37.53
		136	5-1-1906		.356		17.8
		65	6-1-1877	.60			30
		102	6-1-1888	.20*			10*
57		85-D	5-1-1883		.06*		3*
64*		124-A	5-1-1893		.135		6.75
140*		103	6-1-1888	.65*			32.5*
151		103	6-1-1888	.24*			12*
161*							
174*							

*Subtract

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Change in P. of D. Transfer	Priority		Stewart Decree	Amount Decreased			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			1566	
	93	6-1-1886	15.22			761	
	97	6-1-1888	7.86			393	
	129-A	4-1-1897		.54		27	
	73-A	4-1-1880		.54		27	
	75-A	6-1-1880		.816		40.8	
	85-C	5-1-1883		.203		10.15	
	85-E	5-1-1883		.35		17.5	
	124-A	5-1-1893		.75		37.5	
300	3	6-1-1864)					
300	54	6-1-1871)	.35			17.5	
300	120	6-1-1891)					
301	3)	6-1-1864					
301	54)	6-1-1871	1.54			77	
301	120)	6-1-1891					
64	102	6-1-1888	.20			10	
140	85-D	5-1-1883		.06		3	
151*	124-A	5-1-1893		.135*		6.75*	
161	103	6-1-1888	.65			32.5	
174	103	6-1-1888	.24			12	
	30	5-1-1866	.54			27	61.044
	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*	
57	85-D	5-1-1883		.06*		3*	
64*	124-A	5-1-1893		.135		6.75	
140*	103	6-1-1888	.65*			32.5*	
151	103	6-1-1888	.24*			12*	15.25
161*							
174*							

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	Inc.
Middleton Water	36		65	6-1-1877	114.08			570
	57*		35	6-1-1867	.38			1
	61		65	6-1-1877	.60*			3
	84*		31-B	6-1-1866		.60		3
	126		65	6-1-1877	.80*			4
			31-A	6-1-1866		2.30		11
		357*	65	6-1-1877	.20*			10
		374*	65	6-1-1877	.40*			20
		375*	65	6-1-1877	.20*			10
		384*	65	6-1-1877	.40*			20
		385*	65	6-1-1877	.266*			13
		386*	65	6-1-1877	.40*			20
		387*	65	6-1-1877	.40*			20
		392*	65	6-1-1877	.40*			20
		395*	65	6-1-1877	.50*			25
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*		35	6-1-1867	.20*			10*
		300*	3)	6-1-1864				17.5*
		300*	54)	6-1-1871	.35*			
		300*	120)	6-1-1891				
		301*	3	6-1-1864)				77*
		301*	54	6-1-1871)	1.54*			7*
		301*	120	6-1-1891)				7*
		347*	3	6-1-1864	.14*			7*
		349*	3	6-1-1864	.14*			7*
		350*	3	6-1-1864	.14*			7*
		391*	3	6-1-1864)				7.5*
		391*	54	6-1-1871)	.15*			14.4*
		393*	3)	6-1-1864				62.4
		393*	54)	6-1-1871	.288*			
		393*	120)	6-1-1891				
Pioneer			49	6-1-1870	25.72		1286	25.7
Lawrence & Kennedy			31-C	6-1-1866		1.10	55	1.1

*Subtract

BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Order	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	
	65	6-1-1877	.20*			10*	
	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*	
	65	6-1-1877	.40*			20*	
	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*	
			.20*			10*	
	35	6-1-1867				17.5*	
300*	3)	6-1-1864					
300*	54)	6-1-1871	.35*				
300*	120)	6-1-1891					
301*	3	6-1-1864)	1.54*			77*	
301*	54	6-1-1871)				7*	
301*	120	6-1-1891)	.14*			7*	
347*	3	6-1-1864	.14*			7*	
349*	3	6-1-1864	.14*				
350*	3	6-1-1864)				7.5*	
391*	54	6-1-1871)	.15*				
391*	3)	6-1-1864				14.4*	
393*	54)	6-1-1871	.288*				62.562
393*	120)	6-1-1891					
						1286	25.72
	49	6-1-1870	25.72			55	1.10
	31-C	6-1-1866		1.10			

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
Canyon County			35	6-1-1867	75.80		
			35-A	6-1-1867		1.76	
	29				1.00		
	36*				.38*		
	54*		35	6-1-1867	1.11*		
	59		31	6-1-1866	2.60		
	75				.50		
	147		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		143
			52	6-1-1871	7.86		393
	179*		5)	6-1-1864			
			52)	6-1-1871	.24*		12
			138	6-14-1912		.40	20
Mace & Mace			137	5-1-1909		1.60	80
Hart & Davis			6	6-1-1864	3.30		165
			57	6-1-1872	4.40		220
			58	6-1-1872	3.30		165
	38*				1.04*		52
	39*						
Graham & Gilbert			12	6-1-1865	4.40		220
Warm Springs Slough			61	6-1-1876	2.30		115
			80	6-1-1882	1.60		80
			82	6-1-1882	.44		22
			83	6-1-1882	.44		22
			84	6-1-1882	1.36		68
			85	6-1-1882	2.20		110
			85-A	6-1-1882		1.60	80
	83*		85-A	6-1-1882		.72*	36*

*Subtract

BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Order	Priority		Stewart Decree	Intervenors		Inches	Total Sec. Ft.
	No.	Date		Stewart Decree	Bryan Decree		
	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	
	52	6-1-1864				12	10.48
	52	6-1-1871	.24*	.40		20	10.88
	138	6-14-1712		1.60		80	1.60
	137	5-1-1909				165	
	6	6-1-1864	3.30			220	
	57	6-1-1872	4.40			165	
	58	6-1-1872	3.30			52	9.96
			1.04*				
						220	4.40
	12	6-1-1865	4.40			115	
			2.30			80	
	61	6-1-1876	1.60			22	
	80	6-1-1882	.44			22	
	82	6-1-1882	.44			68	
	83	6-1-1882	1.36			110	
	84	6-1-1882	2.20			80	
	85	6-1-1882		1.60		36*	9.22
	85-A	6-1-1882		.72*			
	85-A	6-1-1882					

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	Inc
Joplin			81	6-1-1882	.80			4
			115	6-1-1889	.06			60
			116	6-1-1889	1.20			
Seven Suckers	38							
	39				1.04			52
	179							12
			5)	6-1-1864	.24			
			52)	6-1-1871				
Phyllis			90	6-1-1884	53.10			2655
			117	9-1-1890	200.00			10000
			135	4-1-1904	56.34			2817
				4-1-1905			306.56	15328
				4-1-1908			54.50	2725
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
	29*		77	10-29-1880	27.60			1380
					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
Siechenberg			9	6-1-1865	13.42			671
	105*		9	6-1-1865	.50*			25*
	717*		9	6-1-1865	.64*			32*

*Subtract

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Transfer	Priority		Stewart Decree	Amount Decreed			Total Sec. Ft.
	No.	Date		Intervenors Stewart Decree	Bryan Decree	Inches	
	81	6-1-1882	.80			40	
	115	6-1-1889	.06			3	
	116	6-1-1889	1.20			60	2.06
			1.04			52	
	5)	6-1-1864	.24			12	1.28
	52)	6-1-1871					
	90	6-1-1884	53.10			2655	
	117	9-1-1890	200.00			10000	
	135	4-1-1904	56.34			2817	
		4-1-1905			306.56	15328	
		4-1-1908			54.50	2725	670.50
	13	6-1-1865	33.32			1666	33.32
	34	6-1-1866	15.40			770	
	40	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	
717	9	6-1-1865	.64			32	318.59
	132	5-17-1900	10.00			500	
	134	10-25-1901	5.54			277	
38	90	10-1-1887	12.10			605	
105	9	6-1-1865	.50			25	28.14
	9	6-1-1865	12.42			671	
	9	6-1-1865	.50*			25*	
105#	9	6-1-1865	.64*			32*	12.28
717#							

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Name of Canal	Change in P. of D.	Transfer	Priority		Stewart Decree	Intervenors		Inc
			No.	Date		Stewart Decree	Bryan Decree	
Riverside			88	6-1-1883	12.00			6
			91	6-1-1884	20.00			10
			95	1-23-1887	4.00			20
			124	5-1-1893	80.00			400
			130	10-1-1899	20.00			100
			133	6-1-1901	70.00			350
			77-A	4-15-1882		3.674		18
			116-A	6-1-1890		.72		36
			116-B	6-1-1890		.10		5
			116-C	6-1-1890		.40		20
				4-1-1910			63.78	3189
				4-1-1914			17.70	885
		608*	88	6-1-1883	1.00*			50*
		644*	88	6-1-1883	.70*			35*
		660*	88	6-1-1883	.60*			30*
	35				2.00			100
	175*		88	6-1-1883	1.70*			85*
Pioneer Dixie			8	6-1-1864	20.00			1000
			45	6-1-1869	35.44			1772
		36	96	10-1-1887	2.00			100
		48	96	10-1-1887	4.20			210
		62*	96	10-1-1887	1.00*			50*
		111*	8)	6-1-1864				
			45)	6-1-1869	20.34*			1017*
		608	88	6-1-1883	1.00			50
		644	88	6-1-1883	.70			35
		660	88	6-1-1883	.60			30
	35*				2.00*			100*
	148*		96	10-1-1887	1.50*			75*
Eureka No. 2			89	11-9-1883	21.70			1085
		47	96	10-1-1887	29.50			1475
		62	96	10-1-1887	1.00			50
		71	24	6-1-1865	.80			40
	85			6-1-1865	.50			25
		111*	96	10-1-1887	1.20*			60
	131*		89	11-9-1883	.70*			35
	159			6-1-1865	.10			5
	175		88	6-1-1883	1.70			85
								53

#subtract

STEWART AND BRYAN DECREES GROUPED UNDER CANAL READINGS

Transfer	Priority		Amount Decreed				Total Sec. Ft.
	No.	Date	Stewart Decree	Intervenors Stewart Decree	Bryan Decree	Inches	
	88	6-1-1883	12.00			600	
	91	6-1-1884	20.00			1000	
	95	1-23-1887	4.00			200	
	124	5-1-1893	80.00			4000	
	130	10-1-1899	20.00			1000	
	133	6-1-1901	70.00			3500	
	77-A	4-15-1882		3.674		183.7	
	116-A	6-1-1890		.72		36	
	116-B	6-1-1890		.10		5	
	116-C	6-1-1890		.40		20	
		4-1-1910			63.78	3189	
		4-1-1914			17.70	885	
608*	88	6-1-1883	1.00*			50*	
644*	88	6-1-1883	.70*			35*	
660*	88	6-1-1883	.60*			30*	
			2.00			100	
	88	6-1-1883	1.70*			85*	290.374
	8	6-1-1864	20.00			1000	
	45	6-1-1869	35.44			1772	
36	96	10-1-1887	2.00			100	
48	96	10-1-1887	4.20			210	
62*	96	10-1-1887	1.00*			50*	
111*	8)	6-1-1864				1017*	
	45)	6-1-1869	20.34*			50	
608	88	6-1-1883	1.00			35	
644	88	6-1-1883	.70			30	
660	88	6-1-1883	.60			100*	
			2.00*			75*	
35*	96	10-1-1887	1.50*				39.10
148*							
	89	11-9-1883	21.70			1085	
	96	10-1-1887	29.50			1475	
47	96	10-1-1887	1.00			50	
62	96	10-1-1887	.80			40	
71	24	6-1-1865	.50			25	
		6-1-1865	.50			60	
85		10-1-1887	1.20*			35	
	111*	11-9-1883	.70*			5	
	89	6-1-1865	.10			85	53.40
131*	88	6-1-1883	1.70				
159							
175							

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	
Upper Center Point			23	6-1-1865	3.20			
			24	6-1-1865	2.40			
			25	6-1-1865	3.94			
			26	6-1-1865	1.60			
			27	6-1-1865	1.58			
	85*	71*	24	6-1-1865	.80*			
	148			6-1-1865	.50*			
	159*		96	10-1-1887	1.50			
				6-1-1865	.10*			
Lower Center Point			19	6-1-1865	2.83			
			20	6-1-1865	6.40			
			21	6-1-1865	2.90			14
			22	6-1-1865	3.20			32
			38	6-1-1868	3.20			14
			43	6-1-1869	3.60			160
	50*		73	6-1-1879	4.00			160
	51*		19	6-1-1865	2.88*			180
	131		20	6-1-1865	6.40*			200
			89	11-9-1883	.70			144*
Bowman & Swisher	50		19	6-1-1865	2.88			320*
	51		20	6-1-1865	6.40			35
	127*		20	6-1-1865	.80*			
								144
Mammon			41	6-1-1869	1.80			320
			68	6-1-1878	4.20			40
			69	6-1-1878	3.36			
			70	6-1-1878	8.80			90
	176*		70	6-1-1878	8.80*			210
								168
Haas Ditch			39	6-1-1868	8.54			440
	176		70	6-1-1878	8.80			440*
								9
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

BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Transfer	Priority		Amount Decreed				Total Sec. Ft.
	No.	Date	Stewart Decree	Intervenors Stewart Decree	Bryan Decree	Inches	
71*	23	6-1-1865	3.20			160	
	24	6-1-1865	2.40			120	
	25	6-1-1865	3.94			197	
	26	6-1-1865	1.60			80	
	27	6-1-1865	1.58			79	
	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		
			No.	Date		Intervenors Stewart Decree	Bryan Decree	In
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			350 175 110
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

AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

Transfer	Priority		Stewart Decree	Intervenors		Inches	Total Sec. Ft.
	No.	Date		Stewart Decree	Bryan Decree		
	75-A 20	1880 6-1-1865	.80	3.20		160 40	4.00
	28 47 59	6-1-1865 6-1-1869 6-1-1874	7.00 3.50 2.20			350 175 110	12.70
	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	23.50
	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	11.96
	114-A 114-B	5-1-1889 5-1-1889		1.60 .80		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 Necessar To Fill to 75%</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		1152.58
4	Thomas Andrews	1	12.80	9.60	7.68		
5	Catlin & Mace	3	3.30	2.47	1.98		1154.50
6	T. C. Catlin	1	2.86	2.15	1.71		
7	C. C. Havird	1	3.30	2.47	1.98		1154.93
8	Pioneer Dixie Ditch Co.	1	3.30	2.47	1.98		1155.43
8A	Adolph Bahler	2	20.00	15.00	12.00		1155.93
8B	First Nat'l. Bank of Pueblo	1	.80	.60	.48		
9	Siebenberg	1	1.80	1.35	1.08		1156.05
10	Allen V. Webster	2	13.42	10.07	8.05		1156.32
11	J. F. Yaryan	1	1.20	.90	.72		
12	Graham & Gilbert	1	.66	.49	.40		1156.50
13	Eureka Water Co.	1	4.40	3.30	2.64		1156.60
14	New Union Ditch Co.	1	33.32	24.99	19.99		1157.26
15	Boise Valley Irrigation Co.	1	13.76	10.32	8.26		1162.26
16	Ridenbaugh & Rossi	1	54.58	40.94	32.75		1164.32
17	Ridenbaugh & Rossi (Power)	1	9.20	6.90	5.52		1172.51
18	Denver & Idaho Land Co.	1					1173.89
19	Martha Bowman	2	.80	.60	.48		
20	Bird Bowman	2	2.88	2.16	1.73		1174.01
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	Draper & Wells	2	2.40	1.80	1.44		
26	Thomas J. Palmer	2	3.94	2.96	2.36		
27	Noah W. Palmer	2	1.60	1.20	.96		
28	J. N. Tucker	2	1.58	1.19	.95		
29	Thomas Andrews	3	7.00	5.25	4.20		
29A	Louise Siomonson	3	6.00	4.50	3.60		
29B	S. G. Hardies & Amelia Eisley	1	6.00	4.50	3.60		1174.91
30	J. Perrault & R. Johnson*	1	.50	.38	.30		1174.99
31	William P. Kennedy	1	50.00	50.00	50.00		
31A	Wm. Musser	1	2.60	1.95	1.56		1175.38
31B	Minnie & Jerry Couzens	1	2.30	1.73	1.38		1175.73
31C	Albert C. Bowerman	1	.60	.45	.36		1175.82
32	Manville & Leonard	1	1.10	.83	.66		1175.99
33	Boise City Canal Co.	1	3.50	2.63	2.10		1176.51
34	Franklin Ditch Co.	1	38.06	28.55	22.83	22.83	1182.22
35	Canyon County Water Co.	1	15.40	11.55	9.24	32.07	1184.53
35A	Ralph T. Knight	1	75.80	56.85	45.48	77.55	1195.90
36	Martha E. McCarthy	1	1.76	1.32	1.06	78.61	1196.16
		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%
1	2.20	1.65	1.32		1152.58	1465.17
1	20.00	20.00	20.00			
1	12.80	9.60	7.68		1154.50	1468.37
3	3.30	2.47	1.98			
1	2.86	2.15	1.71		1154.93	1469.09
1	3.30	2.47	1.98		1155.43	1469.92
1	3.30	2.47	1.98		1155.93	1470.75
2	20.00	15.00	12.00			1475.75
1	.80	.60	.48		1156.05	1475.95
1	1.80	1.35	1.08		1156.32	1476.40
2	13.42	10.07	8.05			1479.76
1	1.20	.90	.72		1156.50	1480.06
1	.66	.49	.40		1156.60	1480.23
1	4.40	3.30	2.64		1157.26	1481.33
1	33.32	24.99	19.99		1162.26	1489.66
1	13.76	10.32	8.26		1164.32	1493.10
1	54.58	40.94	32.75		1172.51	1506.75
1	9.20	6.90	5.52		1173.89	1509.05
1	.80	.60	.48			1509.25
2	2.88	2.16	1.73		1174.01	1509.97
2	6.40	4.80	3.84			1511.57
2	2.90	2.18	1.74			1512.30
2	3.20	2.40	1.92			1513.10
2	3.20	2.40	1.92			1513.90
2	2.40	1.80	1.44			1514.50
2	3.94	2.96	2.36			1515.48
2	1.60	1.20	.96			1515.88
2	1.58	1.19	.95			1516.27
3	7.00	5.25	4.20			
3	6.00	4.50	3.60			
1	6.00	4.50	3.60		1174.91	1517.77
1	.50	.38	.30		1174.99	1517.90
1	50.00	50.00	50.00			1518.55
1	2.60	1.95	1.56		1175.38	1519.13
1	2.30	1.73	1.38		1175.73	1519.28
1	.60	.45	.36		1175.82	1519.56
1	.83	.66	.52		1175.99	1520.44
1	1.10	.83	.66		1176.51	1520.96
1	3.50	2.63	2.10	22.83	1182.22	1533.81
1	38.06	28.55	22.83	32.07	1184.53	1552.76
1	15.40	11.55	9.24	77.55	1195.90	1553.20
1	75.80	56.85	45.48	78.61	1196.16	1556.73
1	1.76	1.32	1.06	87.07	1198.28	
1	14.10	10.58	8.46			

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

<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 Nec To Fill</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
39	Ross, Allen, Dilley & Ross	3	8.54	6.41	5.12		
40	S. S. Gray	1	1.40	1.05	.84	90.13	
41	John Mammon	3	1.80	1.35	1.08		1199.
42	Isaac Bedal	1	1.60	1.20	.96	91.09	
43	Frederich Ode	2	3.60	2.70	2.16		1199.2
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	
47	T. W. Boone	3	3.50	2.63	2.10		1204.87
47A	Adolph Bahler	1	.80	.60	.48	113.89	
48	W. J. Hamming	1	2.60	1.95	1.56	115.45	1204.99
49	Pioneer Canal	1	25.72	19.29	15.43	130.88	1205.38
50	Barber Lumber Co.	1	2.24	1.68	1.34	132.22	1209.24
51	Thomas Andrews	3	1.30	.98	.78		1209.58
51A	S. G. Hardies & Amelia Eisley	1	1.00	.75	.60	132.82	
52	Catlin & Mace	1	7.86	5.90	4.72	137.54	1209.73
53	Peter Meeves	1	1.80	1.35	1.08	138.62	1210.91
54	Middleton Mill Ditch Co.	1	33.70	25.28	20.22	158.84	1211.18
55	J. F. Yaryan	1	.70	.53	.42	159.26	1216.24
56	J. F. Yaryan	1	1.40	1.05	.84	160.10	1216.35
57	Mary C. Davis	1	4.40	3.30	2.64	162.74	1216.56
58	Edward N. Hart	1	3.30	2.47	1.98	164.72	1217.22
59	T. W. Boone	3	2.20	1.65	1.32		1217.72
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	
62	John Cecil	1	.44	.33	.26	166.36	1218.07
63	Thomas Aiken	1	5.20	3.90	3.12	169.48	1218.14
64	W. H. Conway	1	.90	.68	.54	170.02	1218.92
65	Middleton Water Co.	1	114.08	85.56	68.45	238.47	1219.06
66	Perrault & Johnson (Power)	1					1236.17
66A	J. S. Kraus	1	.80	.60	.48	238.95	
66B	H. E. Plain	1	.80	.60	.48	239.43	1236.29
66C	J. W. Kolander	1	1.40	1.05	.84	240.27	1236.41
66D	M. T. Griffith	1	.80	.60	.48	240.75	1236.62
67	Nampa-Meridian Irrig. Dist.	1	170.00	127.50	102.00	342.75	1236.74
68	John Mammon	3	4.20	3.15	2.52		1262.24
69	Julia Mammon	3	3.36	2.52	2.02		
70	Charles Allen	3	8.80	6.60	5.28		
71	R. H. Stockton	3	4.40	3.30	2.64		
71A	Island Highline Ditch Co.	3	3.00	2.25	1.80		
72	New Dry Creek Ditch Co.	1	31.32	23.49	18.79	361.54	1266.94
73	D. Mumford	2	4.00	3.00	2.40		

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

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%
an	1	3.70	2.78			
	2	3.20	2.40		1198.84	1557.66
y & Ross	3	8.54	6.41			1558.46
	1	1.40	1.05			
	3	1.80	1.35	90.13	1199.05	1558.81
	1	1.60	1.20			
	2	3.60	2.70	91.09	1199.29	1559.21
	3	8.50	6.38			1560.11
ch Co.	2	35.44	26.58			
a Co.	1	37.20	27.90			1568.97
	3	3.50	2.63	113.41	1204.87	1578.27
	1	.80	.60			
	1	2.60	1.95	113.89	1204.99	1578.47
	1	25.72	19.29	115.45	1205.38	1579.12
	1	2.24	1.68	130.88	1209.24	1585.55
	3	1.30	.98	132.22	1209.58	1586.11
Amelia Eisley	1	1.00	.75			
	1	7.86	5.90	132.82	1209.73	1586.36
	1	1.80	1.35	137.54	1210.91	1588.33
Ditch Co.	1	33.70	25.28	138.62	1211.18	1588.78
	1	.70	.53	158.84	1216.24	1597.21
	1	1.40	1.05	159.26	1216.35	1597.39
	1	4.40	3.30	160.10	1216.56	1597.74
	1	3.30	2.47	162.74	1217.22	1598.84
	3	2.20	1.65	164.72	1217.72	1599.67
Ditch Co.	2	10.00	7.50			
Clark	1	2.30	1.73	166.10		1602.17
	1	.44	.33	166.36	1218.07	1602.74
	1	5.20	3.90	169.48	1218.14	1602.86
	1	.90	.68	170.02	1218.92	1604.16
r Co.	1	114.08	85.56	170.02	1219.06	1604.39
nson (Power)	1			238.47	1236.17	1632.91
	1	.80	.60			
	1	.80	.60	238.95	1236.29	
	1	1.40	1.05	239.43	1236.41	1633.11
	1	.80	.60	240.27	1236.62	1633.31
	1	.80	.60	240.75	1236.74	1633.66
Irrig. Dist.	1	170.00	127.50	342.75	1262.24	1633.86
	3	4.20	3.15			1676.36
	3	3.36	2.52			
	3	8.80	6.60			
	3	4.40	3.30			
	3	3.90	2.25			
e Ditch Co.	1	31.32	23.49	361.54	1266.94	1684.19
Ditch Co.	2	4.00	3.00			1685.19

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

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

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

River Section	100% of Decree	75% of Decree	60% of Decree	Flow Necessary To Fill to 60%	Flow Necessary To Fill to 75%	Flow Necessary To Fill to 100%
1	.54	.41				
3	1.76	1.32	.32	361.86	1267.02	1685.33
1	2.40	1.80	1.06			
1	.816	.61	1.44	363.30	1267.38	1685.93
3	3.20	2.40	.49	363.79	1267.50	1686.13
1	.90	.68	1.92			
1	277.60	20.75	.54	364.33	1267.64	1686.36
3	1.60	1.20	16.56	380.89	1271.78	1693.26
3	.34	.26	.96			
3	.80	.60	.20			
3	1.30	.98	.48			
2	3.674	2.76	.78			
1	.90	.68	2.20			1694.18
1	.60	.45	.54	381.43	1271.92	1694.41
1	1.60	1.20	.36	381.79	1272.01	1694.56
1	3.40	2.55	.96	382.75	1272.25	1694.96
1	.44	.33	2.04	384.79	1272.76	1695.81
1	.44	.33	.26	385.05	1272.83	1695.92
1	2.86	2.15	.26	385.31	1272.90	1696.03
1	2.20	1.65	1.72	387.03	1273.33	1696.75
1	1.60	1.20	1.32	388.35	1273.66	1697.30
1	1.00	.75	.96	389.31	1273.90	1697.70
1	.203	.15	.60	389.91	1274.05	1697.95
1	.7506	.56	.12	390.03	1274.08	1698.00
1	.35	.26	.45	390.48	1274.19	1698.19
2	20.00	15.00	.21	390.69	1274.24	1698.28
1	.90	.68	.54	391.23		1703.28
2	12.00	9.00	7.20		1274.40	1703.51
2	21.70	16.28	13.02			1706.51
1	53.10	39.83	31.86	423.09		1711.94
2	20.00	15.00	12.00		1282.35	1725.22
1	99.06	74.30	59.44	482.53	1297.21	1730.22
1	15.22	11.42	9.13	491.66	1299.49	1754.99
1	13.40	10.05	8.04	499.70	1301.50	1758.80
2	4.00	3.00	2.40			1761.15
2	47.80	35.85	28.68			1763.15
1	7.86	5.90	4.72	504.42	1302.68	1775.10
1	4.00	3.00	2.40	506.82	1303.28	1777.07
1	1.30	.98	.78	507.60	1303.48	1778.07
1	1.40	1.05	.84	508.44	1303.69	1778.40
1	1.46	1.10	.88	509.32	1303.91	1778.75
1	1.20	.90	.72	510.04	1304.09	1779.12
1	1.40	1.05	.84	510.88	1304.30	1779.42
3	.90	.68	.54			1779.77

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

<u>No.</u>	<u>Name</u>	<u>River Section</u>	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necess To Fill to</u>
105	Farmers Coop. Ditch	2	50.00	37.50	30.00		
106	Nampa-Meridian Irr. Dist.	1	370.84	278.13	222.50	733.38	1359.93
107	Charles S. Miller	1	.06	.05	.04	733.42	1359.93
108	Lammis L. Hosley	1	.02	.015	.01	733.43	1359.93
109	S. J. Utter, & C. B. Taylor	1	2.40	1.80	1.44	734.87	1360.29
110	South Boise Mutual Irr. Co.	1	6.00	4.50	3.60	738.47	1361.19
111	Estate of J. H. Gallagher	1	2.94	2.21	1.76	740.23	1361.63
112	Anna H. Fogarty	1	.05	.04	.03	740.26	1361.63
113	Grace Call	1	.10	.08	.06	740.32	1361.64
114	Samuel H. Canfield	1	.03	.02	.02	740.34	1361.64
114A	Neil & Patrick O'Donnell	3	1.60	1.20	.96		
114B	Gus A. Barth	3	.80	.60	.48		
115	Sonora Joplin	1	.06	.05	.04	740.38	1361.64
116	Sonora Joplin	1	1.20	.90	.72	741.10	1361.82
116A	S. G. Hardies & Amelia Eisley	1	.84	.63	.50	741.60	1361.95
116A	Anna Spencer	2	.72	.54	.43		
116B	Willis Spencer	2	.10	.08	.06		
116C	Rebecca Bell	2	.40	.30	.24		
117	Pioneer Irr. Dist.	1	200.00	150.00	120.00	861.60	1391.97
118	W. H. Conway	1	2.20	1.65	1.32	862.92	1392.28
119	Thomas Davis	1	.54	.41	.32	863.24	1392.36
120	Middleton Mill Ditch	1	17.00	12.75	10.20	873.44	1394.91
121	Thomas Andrews	3	3.50	2.63	2.10		
122	Settlers Canal Co.	1	73.44	55.08	44.06	917.50	1405.93
123	Thomas Aiken	1	.80	.60	.48	917.98	1406.05
124	Riverside Irr. Dist.	2	80.00	60.00	48.00		
124A	W. D. Charters	1	1.00	.75	.60	918.58	1406.20
125	R. H. Stockton	3	1.76	1.32	1.06	984.58	1422.70
126	Farmers Union Ditch	1	110.00	82.50	66.00	985.18	1422.85
127	Charles Rein & James Keogh	1	1.00	.75	.60	985.58	1422.95
128	Mathew Casey	1	.66	.50	.40		
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 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%
Dist. 2	50.00	37.50	30.00			1797.27
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
Irr. Co. 1	6.00	4.50	3.60	738.47	1361.19	1887.10
llagher 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
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
melia Eisley 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
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
itch 1	17.00	12.75	10.20	873.44	1394.91	1943.66
3	3.50	2.63	2.10			
o. 1	73.44	55.08	44.06	917.50	1405.93	1962.02
1	.80	.60	.48	917.98	1406.05	1962.22
ist. 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			
itch 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
2	83.50	62.63	50.10			2031.27
itch 2	20.00	15.00	12.00			2036.27
Dist. 2	219.10	164.33	131.46	1117.04	1455.82	2091.05
Co. 1	10.00	7.50	6.00			2093.55
2	70.00	52.50	42.00			2111.05
g. Dist. 2	5.54	4.16	3.32			2112.44
o. 2	56.34	42.26	33.80	1150.84	1464.27	2126.53
ist. 1	.356	.27	.21	1151.05	1464.32	2126.62
1	1.60	1.20	.96	1152.01	1464.56	2127.02
ng 1	7.00	5.25	4.20			
e Ditch Co. 3	.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>
7-2-94	Farmers Union	54.46	40.85	32.68	2159.80	3922.75
3-23-00	New York Irrigation Dist.) Boise Kuna Irrig. Dist.)	58.86	44.15	35.32	2195.12	3931.58
12-14-03	United States of America	1354.58	1015.94	812.75	3007.87	4134.77
4-1-05	Pioneer Irrigation Dist.	306.56	229.92	183.94	3191.81	4180.75
4-1-05	Farmers Cooperative Ditch Co.	154.45	115.84	92.67	3284.48	4203.92
4-1-05	South Boise Mutual Ditch Co.	5.40	4.05	3.24	3287.72	4204.73
4-1-08	Pioneer Irrigation Dist.	54.50	40.88	32.70	3320.42	4212.91
6-1-09	United States of America	926.50	694.88	555.90	3876.32	4351.89
4-1-10	Riverside Irrigation Dist.	63.78	47.84	38.27	3914.59	4361.46
1-13-11*	United States of America (Arrowrock Storage)	8000.00				
4-1-14	Riverside Irrigation Dist.	17.70				

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

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

	<u>100% of Decree</u>	<u>75% of Decree</u>	<u>60% of Decree</u>	<u>Flow Necessary To Fill to 60%</u>	<u>Flow Necessary To Fill to 75%</u>	<u>Flow Necessary To Fill to 100%</u>
	54.46	40.85	32.68	2159.80	3922.75	4375.08
tion Dist.) (g. Dist.)	58.86	44.15	35.32	2195.12	3931.58	4389.80
of America	1354.58	1015.94	812.75	3007.87	4134.77	4728.45
tion Dist.	306.56	229.92	183.94	3191.81	4180.75	4805.09
ative Ditch Co.	154.45	115.84	92.67	3284.48	4203.92	4843.70
tual Ditch Co.	5.40	4.05	3.24	3287.72	4204.73	4845.05
ation Dist.	54.50	40.88	32.70	3320.42	4212.91	4858.68
of America	926.50	694.38	555.90	3876.32	4351.89	5090.31
igation Dist.	63.78	47.84	38.27	3914.59	4361.46	5106.26
of America (Storage)	8000.00					13106.26
igation Dist.	17.70					13123.96

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

